

The **NASWA** Journal

VOLUME XLXI NUMBER 5

MAY 2011



CHNS 540 kHz
10 000 W
CHNS 6.12 MHz
540 W
CHNS-FM 96.1 MHz
150,000 W e.i.p.

CONFIRMATION OF RECEPTION

RECEIVED
 CHNS 540 kHz
 10 000 W
 April 23, 1971
 4 59 PM AST
 London, Ontario



This verifies your reception on
 March 22nd 19 30
 from 1100-1137 AM EST
 CFRB 1010
 CKPM 99.0
 CFRX SHORT WAVE
 Signed: *Tom Caldwell*



RECEPTION VERIFICATION

Your report of reception from this station on _____
 transmitted by _____ is hereby verified.
 Thanks for your co-operation.
 Remarks: _____



AM	1600 kHz	5000 W
FM	100 MHz	100 W
TV	560 MHz	100 kW

The Canadian Broadcasting Corporation

is pleased to verify your reception on August 22 1971 of its transmissions from Station CFRB.
 Frequency 610 kHz
 Power 500 Watts
 This station is of the CBC Newfoundland network.
 Per *F. J. ...*
 Date Sep. 1, 1971



MARCONI RADIO-TV

CFOT-AM	680 kHz	3,000 watts
CFOT-FM	92.5 MHz	10,000 watts
CFOT-TV	Channel 52	100,000 watts
CFOT-SHORTWAVE	8000 kHz	500 watts

405 OGILVEY - MONTREAL 303, CANADA

We are pleased to confirm reception of CFCA 8005 kHz
 on November 15, 1970

Quality Radio Equipment Since 1942

ALINCO

DX-R8T



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

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 \$33.60 Order #4106

\$24.95

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
 FM: (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 Freq: 1st IF: 71.75 MHz
 2nd IF: 455 kHz
 Image rejection: More than 70dB
 Audio Output: >2 Watts @ 8 ohms, 10% THD.

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

RFSPACE

NetSDR



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 1.6MHz 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 CCKO 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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PASSPORT TO
WORLD BAND RADIO 2004
 Collector's 20th Edition. Close-out.
 Order #1000 \$9.98

PASSPORT TO
WORLD BAND RADIO 2009
 Collector's 25th Edition. Last edition printed.
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Prices and specs are subject to change. Prices shown are after mfg's. coupons. Returns are subject to a 15% restock fee.

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

NASWA Notes

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

Long time editor, **Wally Treibel** has decided it is time for him to step down as our International Bands logging column after more than 27 years of editing. With his 91st birthday on the horizon this July, Wally thinks it best to turn the column over to one of our younger members. Ralph Brandi said it best: "Your record of service is an inspiration. Thank you for the many years you've put in; it's truly been a pleasure to work with you on the *Journal* for a portion of those years." I couldn't agree more! Wally has been a terrific member of the club and a great editor for so many years. It was a pleasure having him as a member of the staff all these years. Wally, thanks for the many years of service to the club. We will begin working on a replacement editor immediately. If you are interested in editing the *International Bands* column for the club, please contact Managing Editor **Harold Cones** <hcones@cnu.edu>.

Just after going to press last month, Awards Manager **Gary Neal** informed us that **Doug Copeland** of Winnipeg, Manitoba, Canada qualified for six NASWA Awards. They are as follows: (1) DX Centurion, (2) Antarctic DXer, (3) Australian DXer, (4) Asian Continental DXer, (5) All American DXer and (6) International DX Listener. Doug has been DXing since 1969 and a member of NASWA since the early '70s. His 1st QSL was from Radio Nederland in Bonaire, Netherlands Antilles. Thanks for the awards update Gary and congratulations to Doug on his accomplishments.

It is with regret that I inform the membership that **Mike Barraclough** has decided to discontinue editing the *Times and Frequencies in English* column that appears periodically in *The Journal*. Mike has done an outstanding job in preparing this column in recent years. It was a true endeavor of

"Unity and Friendship" since Mike also was preparing a similar column targeting a European audience for the World DX Club. However, with so many shortwave stations discontinuing English language transmissions, Mike felt it was time to retire the column. Therefore, unless another member feels the *Times and Frequencies in English* column needs to be in *The Journal* and is willing to edit the column, the club will no longer carry English schedules column in its pages. If you are interested, please contact **Dr. Harold Cones**, 2 Whits Court, Newport News, VA 23606 or by e-mail at hcones@cnu.edu. Thanks Mike for a job well done and we wish you well in future undertakings.

The Danish Shortwave Club International (DSWCI) has just issued the 13th edition of its annual *Domestic Broadcasting Survey* (DBS). The survey is divided into three parts: Part 1: The 39th edition of the Tropical Bands Survey covering all active broadcasting stations on 2300-5700 kHz, including clandestines. Part 2: Domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience. Part 3: Deleted frequencies between 2 and 30 MHz which have not been reported heard during the past five years, but may reappear. Part 3 is only published in the e-mail version, but buyers of the printed version can get a copy from the DSWCI upon request. Based on prior year's experience, the DSWCI Domestic Band Survey is the top publication in its field. A full review should appear in the June edition of *The Journal*. However, in the mean time you can order your copy from the club's treasurer: DSWCI, c/o Bent Nielsen, Egekrogen 14, DK 3500 Værløse, 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

Our Motto: Unity & Friendship

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 : DABADKKK. IBAN: DK 44 3000 4001 528459. Danish buyers please use: Reg. 3001- konto 4001528459. If you have EURO as national currency, you are advised to pay to their representative in Germany, **Andreas Schmid** (Lerchenweg 4, D-97717 Euerdorf, Germany. E-mail: schmidandy@aol.com) Account 2912472076 at Targobank BLZ: 30020900. BIC: CMCIDEDD. IBAN: DE24300209002912472076 . If you want to pay via PAYPAL, you have to contact **Andreas Schmid**, before you send your payment. Payment via PayPal only in US\$ currency and only for persons, living outside the European Union. I have used the DBS for many years and find it highly accurate and extremely useful in DX'ing the tropical bands and domestic shortwave broadcast outlets on the international bands. I expect the new edition to continue the fine tradition.

AJ Janitschek, Director , Program & Operations Support for Radio Free Asia informs us that Radio Free Asia (RFA) announced the release of our 36th QSL card in April. This is the first to commemorate 2011 as RFA's 15th anniversary with more cards expected throughout the year. RFA's first broadcast was in Mandarin Chinese on September 29, 1996 at 2100 UTC. Acting as a substitute for indigenous free media, RFA concentrates its coverage on events occurring in and/or affecting several Asian countries: Burma, Cambodia, Laos, North Korea, Peoples Republic of China, and Vietnam. The new QSL card will be used to confirm all valid reception reports from April 1 - June 30, 2011. The artwork depicts the Great Wall of China and is used by permission of the artist, Sarah L. Handler. RFA welcomes all reception report submissions at www.techweb.rfa.org (follow the QSL REPORTS

link). Reception reports are also accepted by email at qsl@rfa.org, and for anyone without Internet access, reception reports can be mailed to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, USA. Upon request, RFA will also send a copy of the current broadcast schedule and a station sticker.

Clandestine DXpert **Mathias Kropf** passed away suddenly on April 1st. Among other things, Mathias annually compiled clandestine broadcasting hours (Clandestine Activity Survey) on shortwave to various parts of the world. In recent years he edited a Clandestine news column for the World DX Club.

Don't forget about the upcoming event run by The 13 Colonies Special Event Group. **Ken Villone**, Awards Manager-KU2US sent along the following information which appeared in last month's column: "Every 4th of July week (7/1 to 7/5) we have our annual Ham Radio "13 Colonies Special Event". There is a certificate and QSL cards available for SWL's also! All 13 Colony states will be on the air for this event commemorating our independence. (Go to QRZ.com and look up my call bio-KU2US). One logging or all 13 qualifies the SWL for a certificate. This is a BIG event. In 2010 we did over 34,000+ contacts. Many operators try to QSO all 13 States for a complete collection of Colony QSL cards. The certificate is printed in full color, each different every year with an Independence theme. For 2011 it is the "Declaration of Independence". If you could, please inform NASWA members of this event, because it is really fun to participate." 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. What makes this so fun is the "Thrill of the hunt" but

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.

expect to deal with pile-ups. Each Colony state has their own unique QSL card in full color, depicting their state flag and other Revolutionary war historical facts about their State. The photo of the certificate is spectacular, depicting the actual Declaration of Independence, and will be different each year. A special "SWL" endorsement will be added to the certificate also with the SWL's name. Good luck!

Don't you believe everything you read in the *QSL Report* column about the Winter SWL Festival held in gorgeous Plymouth Meeting, PA. While **Sam Barto** is correct that the hosts, Festmeisters Cuff and Figliozzi, are very accommodating, there was no oxygen tent in the hospitality room. As in past years, the oxygen tent was in the main exhibit area where there is plenty of room to work with. I wish our editors would get the basic facts correct, hi!

Remember **Ken MacHarg** from radio station HCJB in Quito, Ecuador? Ken has written *Radio Survives and Thrives: The History of Kentucky Broadcasting from 1945-1970* that describes the changes in Kentucky radio between the end of World War II and the early 1970s as well as the emergence of television in Kentucky during those years. The book profiles entertainers and stations across the state in a 60-page publication that will bring back many memories and help the reader understand how broadcasting developed and moved toward what it is today. *Radio Survives and Thrives* is available in print from www.amazon.com, and electronically for Kindle and Nook reading devices for \$4.99 which includes free wireless delivery via Amazon Whispernet. Although probably only addressing medium wave broadcasting in Kentucky, the book should be of relevance to anyone with a historical perspective in radio broadcasting.


It's not too late to plan to attend the next EDXC Conference in Bulgaria is coming up on 18-23 August 2011. **Tibor Szilagyi** (tiszi2035@yahoo.com), EDXC Secretary General, advises that if you are coming to make your plans as soon as possible. The

conference begins in Melnik (three nights) before going to visit Radio Bulgaria External Services in Sofia. The conference fee is EUR 85,-- to be paid to Tibor when you arrive on 18 August at Hotel Melnik. See the Calendar of Events for further details.

Adventist World Radio (AWR) will celebrate its 40th anniversary on shortwave. On Friday afternoon on October 1, 1971 was the first shortwave broadcast from the new AWR via the high powered shortwave station located at Sines, Portugal. Over the years, AWR has been quite friendly to shortwave listeners and DXers featuring programs dedicated to the hobby such as *Radio Monitors International* broadcast from Sri Lanka and now *Wavescan*. The common denominator has been the active involvement of **Dr. Adrian Peterson**, a well-known radio enthusiast and radio historian. Congratulations to AWR with its 40th anniversary of shortwave broadcasting in October. Part of the celebration will feature a DX contest entitled "Choose a Channel" to be held during the month of June. If space permits, the details will be published this month (they already appeared in the NASWA Yahoo Group).

I have a few more wayward *Flashsheet* recipients that I have deleted from the roles until a usable electronic address makes its way to me. They are as follows: **Edward Boynton** and **Roger Barnard**. Please contact me with a new e-mail address to get back onto the weekly *Flashsheet* distribution list.

Please remember to direct all communications about subscriptions, bulletin delivery issues, Mother's Day gift 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. 


Calendar Of Events

- May 13-16 Annual Meeting.** The **National Association of Shortwave Broadcasters annual meeting**, organized by Radio Miami International, will take place 13-16 May 2011 onboard the Royal Caribbean Majesty of the Seas cruise ship which sails from Miami to Nassau and Coco Cay in the Bahamas. The cost for the three-night cruise will be \$299.00 plus \$66.41 in taxes, per person in a double occupancy inside cabin. This price includes all meals, accommodation, transportation and entertainment. The ship has a dedicated conference center where the NASB and DRM USA meetings will be held, and Royal Caribbean will provide the meeting rooms and audiovisual equipment free of charge. The NASB cruise rate of \$299.00 is guaranteed for those who register before October 27, 2010 with a deposit of \$100.00 per person (\$200.00 per cabin). The balance of the cruise fare does not have to be paid until March 4, 2011. A brochure about the cruise and a registration form are available on the NASB website, www.shortwave.org. Click on "Annual Meeting." For an e-brochure with photos of the ship, send an e-mail to info@wrmi.net with "NASB 2011" in the subject line.
- May 20-22 Annual General Meeting (AGM).** The Danish Shortwave Club International (DSWCI) will hold its 2011 **AGM and DX Camp** at Vejers Beach, Western Denmark, Western Part of Jutland on 20-22 May 2011. If you wish to book a hotel room, you may do so electronically (klithjem@live.dk); the homepage of the hotel is: www.klithjembadehotel.dk. You can receive more details later on from the Chief Editor of Shortwave News, DSWCI, Kaj Bredahl Joergensen in Denmark: Kaj.Bredahl@mail.dk.
- May 20-22 Hamvention.** The **2011 Dayton Hamvention** runs from May 20 through May 22 at the Hara Arena, just outside of Dayton in Trotwood, Ohio. The theme for this year is "This Week in Radio." Further information is available at <http://www.hamvention.org>.
- Jun 23-26 Convention.** The **International Radio Club of America (IRCA)** will hold its annual convention in Colorado Springs, CO on June 23-26 at the Airport Value Inn & Suits. For the special convention room rate of \$69.00 per night contact the hotel (6875 Space Village Avenue, Colorado Springs, CO 80915; 719-596-5588) mention the IRCA Convention and host Bob Wien. The registration fee of \$30.00 should be sent to Bob Wien (#106, 2910 North Powers Blvd., Colorado Springs, CO 80922-2801). The IRCA co-hosts Bob Wien and Mike Sanburn are planning the usual station tours on Friday, tower photo ops, business meeting, banquet and auction on Saturday.
- 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).
- 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>](mailto:DXing2@aol.com).

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!

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). 

DUES INCREASE NOTICE:

First the Overseas rates. Overseas members will notice that their last NASWA Journal arrived by U.S. Airmail. This was because the commercial company that handled our overseas mail for many years notified us last month that because of the economic situation they could no longer process orders of less than \$500.00. Since we have nowhere near enough overseas members to justify that price, we had no recourse except U.S. Airmail at a greatly increased cost. It will now cost \$2.66 to send the Journal overseas and that, coupled with the cost of printing the bulletin, forces us to increase the overseas rate for all overseas members to \$48.00 a year.

Canadian members. The U.S. Postal Service increased certain rates on April 17, 2011 including postage to Canada. The old 75¢, \$1.00, and \$1.25 rates are now 80¢, \$1.08, and \$1.36 and this means it will cost an additional 11¢ a month to send the Journal to Canada necessitating a Canadian rate increase of \$2.00 to \$34.00 a year.

U.S. members. While the recent postage increase did not affect First Class mail under one ounce, it did increase the rates for mail weighing more than one ounce. We are going to try to cover this increase by raising the regular U.S. rate \$1.00 to \$31.00 a year.

All these increases will take effect immediately. We are sorry to have to do this, but we have little choice in the matter.

And finally, we have to be gauche enough to remind you that if you use PayPal, please add an additional \$1.00. They charge us slightly more than that for the transaction.

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.

Richard Murphy <richard.murphy@swri.org>, 1342 Oak Path, San Antonio, TX 78258-1935
I would like to borrow any 1968 and 1969 issues of FRENDX that anyone can turn up. I see many long-time members of NASWA are still around, so I am hoping someone has preserved these issues. I am willing to pay postage both ways. FRENDX in those years was published as unbound sheets, so I plan to copy any issues I borrow on an automatic feed scanner. Thanks!

Rob Kivell <wdx5faa@att.net>, P. O. Box 1162, Gulf Breeze, FL 32562-1162
I hope you're having a good DX season. I just received from Radio Cairo a personal handwritten note and schedules. I would imagine many other listeners might be getting the same thing. I sure hope to be at the Winterfest next year. I am going to plan on it.

Here is the text of the handwritten letter: "How are you? We hope you're fine. It has been a while since you last wrote us. We'd like you to write us your comments about all what we broadcast. If you've been watching the news lately, you would have noticed the radical change that happened to the face of Egypt which became brighter and prettier after the revolution. El Tahrir Square is now the most famous all over the world. Waiting for your contribution. Don't forget our P. O. Box 566, Cairo 11515, Egypt. Sincerely yours, Radio Cairo - Mayar"

Steve Handler, 113 McHenry Rd #178, Buffalo Grove, IL 60089
You Get To Love This Hobby. Two weeks ago I received an envelope from the Voice of Africa in Libya. No QSL card, but rather two picture postcards imprinted on the reverse "Libya, Land of Hospitality". The envelope appeared to have been in transit for almost a month, meaning it was sent before the current trouble started.

On the subject of QSL's, I recently calculated my current success rate for my QSL requests. For over 100 reports sent both electronic and paper in the last twelve months I am averaging about a 50-60% QSL return rate. This is much lower than in 1960's and 1970's when I averaged at least 80% and during some periods a 90% success rate for QSLing shortwave stations and a slightly lower rate of QSL returns for utility stations.

I had accumulated between 500 and 1000 QSLs between shortwave and utility stations, sadly, over the years, I have lost most of my older QSL card collection as well as the logs. I still have one box of QSLs from the 1960's and 1970's with many great cards and letters. However I wish I had my whole collection.

Ed Insinger <lenapeland@aol.com>, New Jersey
The infamous Eton E1 "tacky case issue." I wanted to report that my Eton E1 developed a severe case of tackiness or stickiness, as reported on Yahoo Groups, from a hygroscopic condition, which traps moisture below the rubberized coating. On a scale of 1 to 5, 5 being the worst, mine had a 5! So after reading the suggestions, I chose the course of using 91% isopropyl alcohol, along with a small brush and several pieces of cotton cloth cut from an old tee shirt.

At first, it seemed like it wasn't working out for me, since the "stickiness" remained. But I pursued my rubbing and additional alcohol until I reached below the rubberized coating and essentially rubbed it off, down to the plastic case. The good news is that the stencil lettering was unaffected and the gray gunmetal color was still there. The

disappointing news is that it took several hours of the old "elbow grease" method! The miniature horse bristle brush was invaluable for working around the knobs and tight spaces, as well as the best method for me to remove the sticky residue flaking off of the case, into its many indents and case joints.

I finished up today - every part except for the back angle stand, which I did not fully rub. I wasn't concerned here, since I built a wood stand of my own design to hold the E1 on top, bottom and back. I use an external aerial, so the whip is always closed fully, thereby fitting into my homemade case. The effort proved very fruitful and the case is now free of the tackiness that made for a messy surface collecting dirt and dust and looking poorly.

Perhaps some day when I get energetic, I'll clean the back fully just for the fun of it. Well, maybe not!

Hank Michalenka, CPA <hjmcpa1@msn.com>, 11 Elizabeth Ann Drive, Johnston RI 02919
Many of our older members may remember my name from the active days in the late 60's and 70's. I've been a member since 1967, but have not been very active since I got married in 1978 and moved into a valley where even today there is basically no cell phone service or over the air television!

My wife passed away very recently, and as much for therapy as anything else, I'd like to return to the active hobby. I'm a tax practicing CPA, and have just finished the season yesterday. No more 7-day 72 hour weeks for a while!

Here's where I need some help...there are about 35-40 countries left active that I have not logged/verified over the years; these are predominately in East and Central Africa and from India through the Pacific Islands. I would have the opportunity to take my NRC-535D and/or Grundig Yacht-Boy on a DXpedition or two. I need some suggestions as to places to try. I do have one potential base, as my nephew lives in Seattle. I have taken the radio to Hawaii in the past, and really didn't find reception there that great, surprisingly. I'm sure some of the missing countries could be received from a better location near my home, but 60 meters here is a total mess.

I could also use some ideas on recording from the radio onto my new laptop; no clue there...the NRD-535 may be too old for that.

Any/all suggestions would be welcome and helpful!

Richard A. D'Angelo <rdangelo3@aol.com>, 2216 Burkey Drive, Wyomissing, PA 19610
I am sorry to see Wally Treibel stepping down as editor of our International Bands logging column after 27+ years of service. Wally is a "young" 9 decades man who has been a joy to with and communicate with over the years. In 2003, the club's Executive Council selected him to receive the William P. Eddings award as our member of the year. It was a well deserved award. It's been a real pleasure having Wally on staff all these years. I will miss him in that capacity but look forward to him remaining active in the club. Anyone interested in editing the International Bands column for the club should contact Managing Editor Harold Cones <hcones@cnu.edu>.

Another good month for QSL returns. Here is this month's round-up of recent verification received. Austrian Military Radio Society verified its special broadcast in November 2010 with a full data "Radio Station in Cyprus Camp" folding QSL card verie signer "Robert" for \$2.00 return postage. Radio Station Belarus verified with a full data "Radio Minsk Membership Certificate" card with all data handwritten on card plus station information guide. Ugandan Clandestine station Rediyo Y'Abaganda verified an electronic report with

a full data electronic reply from ababaka.com@gmail.com from v/s Alex Kalazani Kigongo for the Ababaka Administrative Team. Alex noted: "You can get more information about who we are from our website www.Ababaka.com. The website was launched in 2008, and the internet radio in the December of that year. We started broadcasting on short wave about a year ago. Our short wave broadcast is fed directly from our internet radio during the live shows every Saturday at 17.00 UTC. The language spoken in our programme is Luganda of the Baganda people. We are about 10 million strong, inside a country called Uganda in East Africa. Right now, we have studios in Chicago - USA and in London - UK. Our intention is to mobilise Baganda people world wide to stand up and mind our business. We advocate for democracy and the end of the dictatorial regime in Uganda." Radio Sadaye Zindagi verified an electronic report with an electronic attachment reply (info@sadayezindagi.org; info@afghanradio.org) from Mark Anderson who noted "I'm slow at getting back to you. Here is a QSL card for you. If you went to our website you probably saw that we provide many audio downloads for Afghans. We have also now started TV. And of course we have books and other material for sale on line. If you meet afghan, or even Persian, friends there in Pennsylvania, you could introduce them to our web site (www.AfghanRadio.org). Our current times and frequencies are also given on our home page, both in Dari and English." Finally, Vatican Radio on 4005 kHz via the 10 kW transmitter in Vatican City State verified an electronic report with a postal mail reply indicating carrier power of 2.5 KW, P.E.P. 10 KW, L.S.B. suppressed, carrier reduced-6db from Sergio Salvatori, Frequency Management. Sergio included a Radio Vaticana 2011 program guide, an English booklet about Radio Vaticana, and frequency schedule.

FRENDX: Twenty-Five Years Ago (April 1986)

The cover of *Frendx* featured a poster for ANARCON'86 scheduled for July 18-20 organized by Radio Canada International. The inside cover provided registration details. In Stephen Moye's Contact column further discussion about the "give-a-transmitter" idea was discussed. The latest edition of the NASWA Country List and Awards Program booklet was available from John Kapinos for \$2.00 in North America and \$3.00 overseas. In Skip Arey's Technical Topics column, Paul Lannuier provided a review of the Radio Shack DX-160. Tiare Publications announced that Nelson George won its contest to have Gerry Dexter go to work in an attempt to get a verification from Radio Botswana for Mr. George. The Botswana contest was held to introduce Gerry's book, *Secrets of Successful QSL'ing*. The John Kapinos' Awards Program column featured Rev. John Eckert with the Worldwide DXer award and Sheryl Paszkiewicz with the Arab World DXpert award. Larry Magne wrote a major article entitled "How to Choose a Shortwave Receiver that fits your Needs". Sam Barto noted in his QSL Report column some excellent QSLs especially from Peru (6 stations), Gambia (10th try for a 1976 report!) and Vietnam (4 regional outlets). Log Report A editor Mike Harris experimented with a supplemental time order format and requested feedback. Editor Jerry Berg commented in Log Report B that Radio Antillas, Dominican Republic on 5955 was back. Log Reporter editor John Henault noted attending the Dayton Hamvention and meeting up with John Kapinos, Bob Thunberg and Daryll Symington. Ron Harrington was inviting all to his wedding scheduled for July 26th in Littleton, CO.



NASWA Facebook Page

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



NASWA Yahoo Group

Join moderator **Dan Ferguson**, the club's Yahoo Group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the Journal for publication. This forum is a supplement to, not a replacement of, The Journal. Subscribe by going to <http://groups.yahoo.com/group/NASWA/>. Any club members wishing to participate in the NASWA Yahoo Group, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Yahoo should contact Dan direct by e-mail for further information. Dan can manually add you to the group.



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.

Easy Listening

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

Sorry to have been away...

Family and job responsibilities got in the way with completing my *Easy Listening* column for March and April; I apologize for missing the deadlines.

That Was The Fest That Was

You already saw some reviews of the 24th (!) Annual Winter SWL Fest in the April *Journal*; I'd like to add my appreciation and thanks for those who contribute their time, talent and expertise to the Fest in their preparation of forums, staffing exhibit tables, managing inventories of snacks and beverages, and overall helping to make the Fest as much fun as it was. Most folks seemed to enjoy the new fest Hotel; the fact there were so many places to sit down on some comfortable furniture and "just talk radio" helped create a relaxed, reunion-like atmosphere.

Mark your calendars—next year is the 25th (!) Anniversary of the Fest, and we'll make it a three-day affair with scheduled activities on Thursday, Friday, and Saturday, March 1st-3rd, 2012. We'll be returning to the Doubletree Guest Suites in Plymouth Meeting, PA; we have secured attractive pricing there for the next year, so we'll make a return visit. More news about activities later this year

And now, some odds & ends regarding programming you may find interesting...

Radio Bulgaria Music program

From a contributor to the MARE tipsheet via Glenn Hauser's DX Listening Digest: One of the draws for those Eastern European broadcasters still on shortwave can be music programs. **Radio Bulgaria International** sprinkles music throughout

its programming; *Folk Studio* airs in their Sunday programming (heard in North America early Mondays UTC). The selections can range from Classical to Jazz to Modern music, generally with some background on composers and performers. Radio Bulgaria International targets North America at 2300 and 0200 UTC, accounting for the expected seasonal time changes.

CBC: *The Fisheries Broadcast*

This time from a contributor to the *CIDX Messenger*, again via Glenn H., *The Fisheries Broadcast* is a half-hour program geared towards the fishing industry in Newfoundland and Labrador. Unfortunately the province's fishing industry isn't what it was hundreds of years ago, as there leading a discussion on issues with the industry such as over-fishing, conservation, discussions about fishing boats and licenses, the latest on aquaculture as well as the weather reports, stories and folklore related to marine life. That's why the broadcast, even though the numbers of folks engaged in commercial fishing have declined over the years, continues to be popular. One episode featured a recitation from an older caller, a master mariner, talking about the points of the compass. The recitation was of boxing the compass, where you rattle off the points, in order. For a seaman/woman, that's not the four, eight or 16 directions. It's 64: this gentleman boxed the compass going clockwise, then counter-clockwise. Almost poetic!

Yes, the program is on shortwave, though this time of the year **CKZN** / 6160 probably won't do so well weekdays at 2000 UTC (2100 UTC winters). The program also airs live on the CBC Corner Brook, Goose Bay, Grand Falls, and St. John's streams. On-demand audio is also available; check out <http://www.cbc.ca/fisheriesbroadcast/>.

Changes to BBC World Service programming

Among the programming changes necessitated by the BBC budget challenges is a rearrangement of the schedule for *The World Today*, eliminating the 2300 airing and resulting in a continuous 0200-0730 edition of the program; the BBC says that dropping the 2300 edition of the program and inserting the program into the 0400 hour will increase the program's number of listeners, particularly since the 0500 airing will yield more African listeners.

According to the press information from the World Service, the documentary *Crossing Continents* will be one of the program casualties, though the series will still air on BBC Radio 4, and is available there on-demand and via podcast. Another loss is *Letter From...* a weekly audio essay that hearkened back to Alistair Cooke's beloved *Letter From America*. Another loss: *Politics UK*, which—regrettably—was the last regular program that exclusively had UK matters as its subject. I, for one, have long missed World Service programs that focused on the UK—*Network UK* and *News About Britain*, for starters. Another loss is *World Drama*, the successor to *Play of the Week*. Even with a single monthly airing, the World Service felt the program had run its course versus the cost to produce it.

Documentaries are changing as well—the number of new documentaries being produced each week is dropping by one—instead of Monday, Wednesday, and Friday series (along with the long-running *Assignment* program), there is now *The Documentary*, airing primarily on Tuesdays, and *Your World*, on Saturdays; *Assignment* airs primarily on Thursdays. All of these are archived for a minimum of one week, though most will likely be added to the multi-year online audio archive maintained for documentaries. Shortwave air times to Africa: 1306 and 2106 UTC.

Another significant change is *From Our Own Correspondent*, which moves from a weekly half-hour series on the World Service to a weekday 10-minute series.

If you'd still prefer a long-form version of the program, BBC Radio 4 still airs this on Saturdays. Shortwave air times to Africa include 1450 and 1950 UTC.

New to the schedule is *Click*, a program focusing on global technology, social media, and the Internet. *Click* originated on the BBC News UK TV channel and the BBC World News TV channel; on the World Service this replaces *Digital Planet*. *Click* airs primarily on Wednesdays. Shortwave to Africa: 1432 Wednesdays, 1932 Tuesdays.

Also, a new weekday half-hour edition of *World Have Your Say* airs at 1105 UT, in addition to the one-hour version at 1800 UT. *World Have Your Say* is somewhat like a call-in talk show, but more refined than the typical American version. Program topics are established before the show goes on air, and listener input comes to the program via e-mail, text message, or phone. Or, the program may interview people knowledgeable about the day's topic.

The BBC World Service remains largely a news-focused broadcaster; it is a rare hour—particularly on weekdays—where the first 30 minutes (at minimum) is not devoted to news coverage and analysis. This is consistent with World Service priorities, as it seeks to primarily serve those audiences having only state-controlled media or high levels of censorship on privately-owned media.

With the wide availability of on-demand audio, and the reduction in cost for Internet "radios" and smart mobile phones, you can—with some effort—stitch together a mix of programs with greater variety than if you simply tuned into the live stream for that same amount of time.

A minor irritation...on some World Service web pages, they use BST and not GMT for program times, especially for web streaming air times—double check the page you're on to be sure.

If you'd like a full six-month program schedule for the BBC World Service, check out <http://bbc.in/ho3coA> (shortened link courtesy of Bitly).

Global Perspectives documentaries

With a theme of “Who Says I Can’t,” the 2011 version of this series began in early April on **Radio Netherlands**—with first airing Mondays 1730 UTC, with repeat airings throughout the week and on-demand.

As you may remember, seven public-service English language broadcasters collaborate on the series, and all seven then air the series—kind of a *quid pro quo* arrangement. In 2010, CBC Radio One aired the series beginning in late June; the BBC World Service aired the series beginning in late April.

For 2011, the USA public radio documentary producer *Soundprint* will also likely participate, as likely will Radio New Zealand, Radio TV Hong Kong, Australia’s ABC, and South Africa’s SAFM.

While you’re at it, check out the full Radio Netherlands online English schedule—from which the shortwave schedule is a part—at <http://bit.ly/dWo0kf>.

World Vision Report

I quickly became fond of radio documentaries when I began listening to shortwave. As public radio matured in the USA and other program delivery platforms (online streaming, podcast, satellite radio) became popular I started looking for other interesting sources for “radio”. One globally-focused weekly radio documentary series of merit is *World Vision*, funded largely by the World Vision charity but produced without their direct editorial control. All the outlets save one are USA-based public radio stations; the program can also be streamed and downloaded directly from the World Vision Report website, <http://www.worldvision-report.org>. Each hour-long program generally consists of 6 to 9 segments; the program mission is to “...capture the human drama behind global issues and events...”. The April 2nd program featured stories from the USA, Kenya, Sri Lanka, India, Uganda, Tanzania, Bolivia, and Mexico.

Schedule and website changes at Radio Australia

Radio Australia overhauled its programming schedule and added a second 24-hour English language audio stream to its website as of April 11th; thanks to Glenn Hauser for the heads-up. One of the streams is for Radio Australia’s Pacific Service, the other for their Asia Service. Before this, only the Pacific Service was streamed. There is significant overlap in schedule between the two services.

Of greater interest to shortwave listeners in North America is a revamp of the shortwave schedule. Weekdays from 0900 through 1530 UTC a program called *Live Talk* is on air, broken up by the longstanding *Asia Pacific* current affairs program at 1200. The portion of *Live Talk* from 0900 through 1200 is simulcast over the domestic **ABC News Radio** service. This means no more *The Planet*, *Innovations*, or *Late Night Live* on the USA morning Radio Australia schedule, though both programs are still produced and air on the domestic **Radio National** service, available via the Internet both live and on-demand. NASWA member Mark Coady was not favorably impressed with the new programming; I’ll admit that *Late Night Live*, which aired at 1205 UTC, was one of the best listener call-in programs anywhere—much more civilized than the highly charged, adversarial talk radio common here in the USA.

Radio New Zealand International: Pacific Correspondent

RNZI is another English language service that tends not get a lot of ink here because, much like Radio Australia, it keeps rolling along with its focus targeting the nations and cultures of the Pacific region. RNZI has developed one of the more accessible websites for its size, with information available by time of day and by program title; the most recent edition of each program is available for listening / download on demand.

Pacific Correspondent is a weekly 15-minute program in which RNZI correspondents around the Pacific region are interviewed regarding social and political issues in their countries. A recent program featured changes in fishing policies by the Cook Islands Fishing Association, not part of the planet that often makes the news here in the USA. *Pacific Correspondent* airs on shortwave (and the live audio stream) Thursdays 0730, 1130, 1330, 1630, and 2115, plus Fridays 0330.

Voice Of Russia: *From Moscow With Love*

I mentioned a while back that the **Voice of Russia** has been overhauling its schedule; not only is there new programming, but the Voice of Russia has taken a page out of China Radio International's playbook and has arranged for 24/7 English language radio in both Washington, DC and the New York City area.

One of the new programs has a co-host with a familiar name: Vasily Strelnikov, of the *Vasily's Weekend* fame back in the early 1990s. This new program, with co-host Natalia Stefanova, is a reminiscent look at the cultural changes Moscow and Russia have seen over the years. Both hosts have spent copious time away from Russia, and the program has a "street sense" one doesn't expect to hear from the traditionally straight-laced **Voice Of Russia**. The April 10th and April 17th editions of the program are a retrospective on the Voice Of Russia itself, paying homage to such fixtures as *Moscow Mailbag* host Joe Adamov and the old *Moscow Nights* signature theme, complete with the Kremlin bells.

Shortwave air times for *From Moscow With Love* include Saturdays 1905, Sundays 0305, 1105, and 1905, plus Mondays 0305 and 1105.

Internet Radio Update: BBC World Service drops Real Media

In the early days of streaming audio in the late 1990s, the Real Audio format dominated the streams that were available. Over the years, other formats – MP3, Windows Media, and, more recently, Flash, have taken a significant bite of out Real Media's share. Used to be that Internet radios would miss out on a significant number of stations if they couldn't decode Real Media streams, but this is now rarely the case. So, if you see a bargain on an Internet radio, but have resisted if it didn't have Real Media capability, you can feel a lot more confident that you won't miss much. For example, Sangean—remember them?—offers one called the RCR-8WF that I've seen for less than \$150; the C. Crane WiFi radio now sells for approximately \$130; it originally listed for more than \$200.

The BBC World Service officially dropped the option of Real Media as one of its stream choices as of March 31st; their usage statistics indicated it had become the least-used audio format, running behind Flash and Windows Media. Real Media had been discontinued for BBC domestic radio streaming in March 2010.

That's all for May...see you next month!

73 DE Richard

For faster service with membership dues payments, address changes, or missing bulletins, send all information to NASWA, 45 Wildflower Road, Levittown, PA 19057-3209. The e-mail address for these matters is weoliver@comcast.net. Please send articles and comments for the Musings section of "NASWA Notes" to Rich D'Angelo whose address appears on his masthead

Shortwave Center

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Some April Items from the RNW Media Network Blog

Radio Free Sarawak back on the air

April 27th, 2011 - 9:33 UTC by Andy Sennitt.

Radio Free Sarawak announces on its Facebook page that it is back on the air. A message posted today reads "We are back! Don't forget to tune in to Radio Free Sarawak from 6-7PM on SW15420. It will also be available online later today." Today's programme is indeed available online. However the broadcast on 15420 kHz is now only one hour long, 1000-1100 UTC instead of 1000-1200 UTC. Whether this is a temporary or permanent reduction isn't clear.

On today's broadcast, there is a long opening announcement, but the background music is too loud and I suspect it will be difficult to copy on shortwave, especially if the transmitter uses audio compression.

KBC Radio planning mediumwave tests at night

April 20th, 2011 - 10:49 UTC by Andy Sennitt. 4 comments

Dutch-based KBC Radio, which was involved in the ill-fated attempts by UK broadcaster Big L to get a commercially viable mediumwave signal into the UK from a Dutch transmitter at Trintelhaven on 1395 kHz, is planning test transmissions under its own name. An announcement on its website says:

"We are waiting for a test licence. The reason that we are gonna test is to see if the signal is doing anything during the nightly hours. The test is on AM and not on SW. SW is always possible, but it's not our first priority."

The location and frequency of the AM transmitter in question will be revealed when

the licence is received. In the meantime KBC continues to support Big L, which is currently online only. (Source: KBC Radio)

Shortwave numbers stations inspire new musical work

April 25th, 2011 - 12:17 UTC by Andy Sennitt. No comments yet

The following event in Philadelphia, Pennsylvania, on Wednesday night (27 April) may be of interest:

Trombonist Curtis Hasselbring's septet the New Mellow Edwards somehow mashes together free-jazz aesthetics and garage-band attitude. The combo plays Hasselbring's new piece, Number Stations, inspired by the mysterious shortwave radio transmissions of random five-digit numbers, at 8 pm at International House, 3701 Chestnut St. Tickets are \$12. Call 215-387-5125. (Source: Philadelphia Inquirer)

Dial around the shortwave radio band and sooner or later you'll stumble across a female voice reciting a string of five-digit numbers (in several languages, if you look hard enough). In this case you're not just paranoid; these strange broadcasts most likely are covert messages transmitted to spies, or criminals, or ... someone. For anyone familiar with the off-kilter sensibility of trombonist/composer Curtis Hasselbring, it should come as no surprise that these "number stations" held enough fascination to inspire a new suite of music. He'll perform the piece, which requires the musicians to decode and work with five-digit numbers, with a stellar, expanded septet version of his New Mellow Edwards ensemble.

(Source: Philadelphia City Paper)

BBC news becoming more global: director

April 14th, 2011 - 14:38 UTC by Andy Sennitt

The bringing together of the BBC's news teams in Broadcasting House will be one of the boldest ever journalistic experiments, said BBC Global News Director Peter Horrocks at the International Journalism Festival in Perugia today.

Mr Horrocks said: "I want to set out why and how we are setting about that key strategy for our international services, which we call Becoming More Global. And how I hope other news organisations will rise to that challenge as truly international journalism is increasingly under threat. Why would the BBC be going to the trouble of ensuring its teams can work multilingually and making massive organisational changes to ensure we have the technology and culture for that to work smoothly?"

One obvious reason, although a minor one, is efficiency. We are operating in a tight financial environment. BBC World Service has been undergoing a deep restructure following the UK Government's Spending Review which cut our funding by 16% and required us to close five valuable language services. But the key reason for this organisational change is not financial – it is because the BBC's global and impartial perspective is our greatest competitive advantage. Despite the fact that we still have the largest audience and highest reputation globally of any international news provider, we cannot be complacent. In fact we face more competitive threats than ever before.

Commando Solo active again on shortwave

April 14th, 2011 - 9:19 UTC by Andy Sennitt

RNW's Ehard Goddijn reports: "Right now 0809 UTC 14/4/2011 Commando Solo on 10405 kHz USB here in Almere. Announces also an FM frequency 100.6 MHz in Arabic and English. The transmission stopped at 0812 UTC but resumed at 0830 UTC."

Update 1000 UTC: "It seems that the Commando Solo tx is on air for 12 minutes on the top of the hour and half past the hour only. Bubble jamming on 10405 kHz started at 0940 UTC and is continuously on the air."

Andy Sennitt adds: I have seen press reports that the airborne transmission platform has been regularly broadcasting on FM above Libya. The shortwave transmissions seem to be more limited and spasmodic.

Commando Solo now in use on 6877 kHz to Libya

March 20th, 2011 - 23:26 UTC by Andy Sennitt.

USAF EC-130J STEEL 74 has been transmitting on 6877.0 kHz to Libya this evening. A recorded message in English, French and Arabic on SSB says "Libyan ships or vessels remain anchored. Do not leave port. The Gaddafi regime forces are violating a United Nations resolution ordering the end of hostilities in your country. If you attempt to leave port you will be attacked and destroyed immediately. For your own safety, do not leave port."

The Commando Solo is operated exclusively by the 193rd Special Operations Wing, which is based at the Harrisburg International Airport in Middletown, Pennsylvania.

According to the Milcom Monitoring Post, the transmission is "slightly jammed".

BBC has no immediate plans for more Hindi on SW

April 26th, 2011 - 11:55 UTC by Andy Sennitt

Media Network has been informed that the BBC World Service has no immediate plans to resume the three Hindi shortwave transmissions that have been added to the HFCC transmission schedule with an indicated start date of 1 May 2011. These are so-called 'wooden' entries which may be used in the future if additional funding can be found, but at the moment the 1400-1500 UTC transmission is the only one on the air.

RNW opts for international focus

April 8th, 2011 - 16:11 UTC by Andy Sennitt

By News Desk, Created 8 April 2011 15:17

The Dutch government has committed itself to public spending cutbacks in a range of sectors, including public broadcasting. Radio Netherlands Worldwide has been making headlines in recent weeks amid speculation on where these cuts will fall.

The broadcaster has now issued a statement that, if faced with a choice between its core activities, it will dispense with its services informing Dutch-speakers abroad. In the following statement, the director and editors-in-chief informed the staff about this decision on Tuesday.

"In its coalition agreement, the Dutch government has presented its plans for its current term of office. This agreement states that Radio Netherlands Worldwide (RNW) should focus on its core activities, including freedom of speech. This is partly inspired by the fact that technological developments have compelled a re-evaluation of RNW's activities. Parliament recently adopted a motion put forward by D66 Democrat MP Boris van der Ham to examine RNW's role in a changing world.

Future vision The Ministry of Education, Culture and Science and the Ministry of Foreign Affairs explained these latest developments to RNW's management in January and February and announced that an analysis would take place. This analysis included approximately 60 questions on such issues as personnel, finances, distribution, core activities and cooperation with other organisations. One question called on RNW to provide a vision of how it would carry out its activities in future. The director and editors-in-chief decided to give a clear indication of its priorities in this regard, taking into account the economic climate and the need for cutbacks in all areas of public spending.

RNW's current ambitions were recently set out in its Policy Plan for 2010–2015. This

plan also formed the basis of the Performance Agreement reached in June 2010 with the Ministry of Education, Culture and Science and the Dutch Media Authority (CvdM).

International expertise The key objectives set out in the Policy Plan for 2010–2015 and the Performance Agreement are:

- to reinforce the distinctive profile of Radio Netherlands Worldwide;
- to bring about a shift in the distribution mix (scaling back shortwave broadcasts);
- to limit the activities for Dutch-speakers abroad to information targeting specific groups; and
- to encourage national public broadcasting media to use RNW's international expertise.

In addition to these points, our answers to the questions asked by the ministries contained the following passage:

'Should a prioritisation of core activities prove necessary, we would therefore give prevalence to the task of providing information to countries with an information deficit (core activity II) – in combination with core activity III. Informing Dutch-speakers outside of the Netherlands (core activity I) could if necessary be limited to the role of "emergency broadcaster" and the provision of information for expats and/or be taken over by the NOS. We also see opportunities to accelerate the scaling back of shortwave broadcasts as a distribution platform, including the closure of broadcasting stations on Bonaire and Madagascar.'

Uncertain The above is not to say that this will be the nature of any decisions taken. These decisions lie with the politicians. The Ministry of Education, Culture and Science and the Ministry of Foreign Affairs will consider our answers in the coming period. Before the summer recess, the government will inform parliament about the future of Radio Netherlands Worldwide and how its activities will be conducted. The outcome is uncertain. We have provided the initial impulse for a discussion that will take place elsewhere. (...)"

RNW Historical Audio Archive: 50 years of shortwave in Holland

April 22nd, 2011 - 12:36 UTC by Andy Sennitt

On 30 March 1977 Radio Nederland (as we were then called in English) broadcast a special program marking our 30th anniversary, and 50 years since the first shortwave broadcast from the Netherlands. The complete program is now available to listen to/download from the RNW Historical Audio Archive. Here's a synopsis of the program:

Hendrik (Henk) van den Broek, Radio Nederland's first director, recorded in 1955, explains why Radio Nederland was set up.

The origin of Dutch overseas broadcasting goes back to 1927, the pioneering year of shortwave telephony. The Philips Laboratories in Eindhoven experiment with the PCJJ short-wave transmitter. The transmissions reach as far as the East-Indies. Mr. A C de Groot, a technical official of the Netherlands East Indies PTT and a radio amateur, is sitting up all night monitoring the 30 meter band in the hope of hearing amateurs operating in Morse code from The Netherlands. Somewhere around 3:00 AM, he hears a voice speaking in Dutch saying "This is an experimental transmission from the Philips Laboratory in Eindhoven, Holland, on a wavelength of 30.2 meters".

That same year, the NV PHOHI (Philips Omroep Holland-Indië) was set up, a joint commercial operation of Philips and other Dutch Companies with interests in the East-Indies. It used the PCJJ transmitter.

In November 1928, Edward (Eddie) Startz began broadcasting over PCJJ, marking the beginning of his popular "Happy Station" program. Startz dropped the second J of PCJJ and said that PCJ stood for "Peace, Cheer and Joy: The Happy Station of a friendly nation".

Engineer Martin Ruis speaks about the closure of the shortwave transmissions because of the invasion of the German Army in May 1940. They tried to destroy the transmit-

ter, but later on the Germans succeeded in repairing the PCJJ-equipment, and used it to broadcast propaganda to India ("The Voice of Free India").

Paris and London took over when broadcasts from Hilversum ended: The Dutch first used the French shortwave service for a program called "Vrij Nederland". That ended after a month with the German invasion of Paris. Over in London the Dutch Government in exile in late 1940 created "Radio Oranje", the official voice of the Dutch Government.

Pyongyang to launch "Voice of Korea" website 15 April

April 13th, 2011 - 8:47 UTC by Andy Sennitt

Text of report by state-run North Korean radio on 12 April

[Unattributed report carried as the last item in newscast]

The Voice of Korea [VOK] will open its Internet homepage. The VOK will open its Internet homepage.

Dear audience,

The VOK will newly open its Internet homepage from Sun's Day on 15 April, the birth anniversary of great leader [suryo'ng] President Kim Il Sung [Kim Il-so'ng]. The Internet homepage address can be located at www.vok.rep.kp.

We notify you that the VOK will newly open its Internet homepage from Sun's Day on 15 April, the birth anniversary of great leader President Kim Il Sung. The Internet homepage address can be located at www.vok.rep.kp.

The VOK's Internet homepage, to be launched anew, will further strengthen relations with the audience.

(Source: Central Broadcasting Station, Pyongyang, in Korean 2100 gmt 12 Apr 11 via BBC Monitoring)

Rome, and Warsaw. Ensor reported from Washington for National Public Radio covering foreign policy and defence issues.

Mr Ensor is a member of the US Council on Foreign Relations and is fluent in French. He received a BA with honors from the University of California, Berkeley. Mr Ensor holds the Knight's Cross awarded by the President of Poland.

In welcoming David Ensor, the BBG thanked retiring VOA Director Danforth Austin for his outstanding leadership. The Board recognized Austin's role in improving VOA's ability to engage with and grow audiences across multiple media platforms, integrating broadcast, online and social media while remaining steadfast to the principles of sound journalism enshrined in the VOA charter. Appointed to the post in October 2006, Mr Austin has been one of the longest serving VOA directors.

(Source: Broadcasting Board of Governors)

BBC World Service cuts must be reversed, say MPs

April 13th, 2011 - 9:49 UTC by Andy Sennitt

An influential cross-party committee of MPs has called for the cuts to the BBC World Service to be reversed to protect its global reputation. The Commons foreign affairs select committee said the 16% budget cut imposed on the service as part of the government's comprehensive spending review had "long-term ramifications" for the broadcaster and called for its future funding to be ringfenced.

MPs on the committee called for the World Service budget to be protected to "prevent any risk of long-term erosion of the World Service's funding and of parliament's right to oversee its work". They also questioned whether the government's decision to shift responsibility for funding the World Service from the Foreign Office to the BBC licence fee by 2014 would make its budget more secure.

BBC statement in response to Foreign Affairs Committee report

April 14th, 2011 - 9:13 UTC by Andy Sennitt

The BBC yesterday issued the following statement:

"The BBC welcomes the FAC's strong support for the World Service and the value it brings in promoting British values and providing a widely respected and trusted news service. It is of course for the Government and Parliament to decide on the priorities for public spending.

"The cuts being made to the World Service are a consequence of last autumn's Spending Review and the BBC regrets the scale and pace of cuts that have been necessary. If, in the light of the FAC report, the Government is prepared to re-open aspects of the Spending Review settlement the BBC will be pleased to engage with them constructively. We look forward to the Government's response to the Committee's recommendations.

"The BBC is committed to the long-term future of the World Service and hopes to reinvest when responsibility for funding transfers to the licence fee in 2014."

(Source: BBC Press Office)

RNW journalist wins prestigious prize

April 12th, 2011 - 10:08 UTC by Andy Sennitt

Radio Netherlands Worldwide journalist Robert Chesal and his colleague Joep Dohmen from the national newspaper NRC Handelsblad have been awarded the H.J.A. Hofland Tile, a prestigious Dutch journalistic prize. The two investigative journalists received the prize for their reports on child sex abuse among Roman Catholic clergy in the Netherlands and the former Netherlands Antilles.

Sudan: youth group launches anti-government radio on shortwave

April 1st, 2011 - 12:53 UTC by Andy Sennitt

A Sudanese anti-government youth group announced on Thursday that it has launched a radio station on shortwave frequencies across the country in order to drum up support for regime change, a bold bid to challenge state control over broadcast media outlets in the country. Worsening economic conditions manifested in sharp increases in food prices compounded by a glum mood following the secession of the oil-producing south in a referendum held last January have stoked dissent in north Sudan.

A clutch of anti-government youth groups have emerged and are actively attempting to galvanize support for a popular uprising against the 22-years old rule of President Omer Al-Bashir government inspired by current revolts in the region. However, their few attempts to stage anti-government protests over the last two months had failed to take on a mass appeal and were swiftly squashed by the authorities.

One youth opposition group known as Youth for Change, the shorthand of which is Shararah [Arabic for spark] has taken the battle to a whole new level by announcing the launch of its radio programming on shortwave across the country. Breaking the news via a statement on its Facebook-based page, Shararah said its radio broadcasts would start on shortwave frequencies across the country as of Thursday, March 31.

According to the group's statements, the radio programming would be broadcast every Tuesday, Thursday and Saturday for 30 minutes starting at 6:30 pm [1530 UTC] and can be heard on 15540 kHz. "We urge our listeners in all parts of Sudan to follow our broadcasts and provide us with information on whether our broadcasts have reached all [target] areas" the group's statement said.

"The service will cover all parts of Sudan in a continuation of the tremendous efforts exerted by different segments of the society, especially youth groups, in order to get

rid of the [National Islamic] Front regime to extricate Sudan from this dark abyss," the statement added. The group further asked those wishing to contribute to the radio or send audio materials to contact it through the following e-mail: syr.radio@gmail.com

It is not clear whether Shararah radio's broadcasts will be relayed from inside or outside the country, but Sudanese authorities have in the past successfully blocked the operation of radios it deemed hostile to the government, especially in the densely-populated Khartoum state. Unlike print-media which enjoys relative freedom in Sudan, broadcast media is tightly controlled by the state and heavily regulated by the National Telecommunication Corporation, which also filters and monitors internet content.

There are 16 radio stations broadcasting on FM frequencies in the capital Khartoum. Almost all of them focus their programming exclusively on entertainment, religious affairs or sport.

(Source: Sudan Tribune)

Radio México Internacional adds English news

April 9th, 2011 - 11:31 UTC by Andy Sennitt

Thanks to Jolyon Curran for alerting me to the fact that Radio México Internacional has added short (approx 3 minutes) bulletins of Mexican news to its schedule. The bulletins, which are available on demand through an audio player on the RMI website, are scheduled twice daily at 0800 and 1600 UTC.

jolyon curran on Apr 27th, 2011 at 20:23

The front page of the RMI webpage now has a great audio documentary about the history of RMI that includes old station ID's, audio footage and interviews. The DX audience is mentioned several times.

It is in Spanish and under the title 'Programa especial de reinicio de radiomexico-internacional' (Special program for the reintroduction of RMI)

Life of former Radio Mi Amigo owner to be made into a movie

April 14th, 2011 - 13:25 UTC by Andy Sennitt

Sylvain Tack is a colourful figure from the Flemish music scene. The farmer's son who started as a baker of Suzy Waffles, launched himself successfully into the music business. But he became best known for starting the offshore station Radio Mi Amigo, which officially launched on 1 January 1974. Initially, the Mi Amigo programmes were made in Benelux, but due to problems with the authorities Tack moved over to Playa de Aro in Spain, where he continued to produce radio programmes.

Tack eventually pulled out of Radio Mi Amigo and went to Haiti, where his life went downhill. In 1981 he was arrested for tax fraud, smuggling and drug trafficking, which got him a prison sentence. After four years he re-emerged as a trader in medicinal herbs, leading to a new collision with the tax authorities. In February, 2006, the 72-year-old Tack was found dead in his house, and it's thought he committed suicide.

Erik Lamens, who will write the screenplay, says "To be clear: this is not a documentary about Sylvain Tack, but a fiction film based on his life. What fascinates me is how a rich man with a booming waffle bakery, a radio station with millions of listeners, a stable full of great artists and a popular magazine (the youth magazine Joepie, ed) eventually died without a penny to his name."

"The worst thing is that hardly anyone will remember Sylvain Tack. Everybody knows Veronica, but remember that we had Radio Mi Amigo which was listened to in the Netherlands. He's the man who broke the monopoly of the BRT [the Flemish public broadcaster, now known as VRT] and indirectly paved the way for the arrival of VTM [a Flemish commercial TV channel]. In that sense he is really being punished, I think. I am not writing this film to deliver reparation to Tack, but if that is a consequence of the film, then I would be happy. First and foremost I want to present a human story."

Mr Lamens expects that, at best, the film will be in the cinema sometime in 2013. "But that depends on many factors. Money for example. This will not be cheap production, I estimate about 1.5 million to 2 million euros. The money must be raised, actors must be found, and I must still write my script. I don't know if I will be directing it, but I'm growing more excited."

(Source: De Standaard Online)

BBCWS Trust drops proposal for US funding: report

April 8th, 2011 - 11:16 UTC by Andy Sennitt

Three weeks ago the BBC World Service Trust was angling for a share of State Department funding to promote Internet freedom. But outrage from American taxpayers, members of Congress and the Broadcasting Board of Governors was apparently enough to dissuade the British organization from making a formal proposal this time. At stake was up to \$28 million in funding for work on Internet freedom issues.

Mr Wimbush serves as Chair of the BBG Strategy and Budget Committee as well as Chair of the Board of the Middle East Broadcasting Networks, Inc. Mr Meehan serves as Co-Chair of the BBG Communications and Outreach Committee, Vice Chair of the Board of Radio Free Asia and Co-Chair of the Strategy and Budget Committee.

Radio New Zealand touts its news to private sector

April 8th, 2011 - 11:30 UTC by Andy Sennitt

Radio New Zealand is looking at selling news to the private sector and has eyed up an odd-couple contract with the highly commercial broadcaster MediaWorks. A key issue will be ensuring the state broadcaster does not breach obligations under its charter, says spokesman John Barr. But another factor may be whether RNZ journalists schooled in public broadcasting can adapt to the short, sharp hits of commercial radio news.

World's first shower powered radio is launched

March 30th, 2011 - 15:44 UTC by Andy Sennitt

The team behind the award winning Wind-Up Radio, using new micro turbine technology, has officially launched the world's first water-powered radio. The H2O™ brand and its earlier product range has also previously showcased on the hit BBC TV programme Dragon's Den.

The H2O™ Shower Powered Radio provides users with a convenient, and energy-efficient, means of listening to their favourite radio stations whilst in the shower. Using a patented micro turbine concept, the FM radio is powered solely through the motion of water flowing through a small H2O™ micro turbine; driving a generator that creates energy to power the radio. The radio dispels the need for disposable batteries, as the integral battery recharges as the shower runs.

Turning on automatically when the shower is used, the H2O™ Shower Powered Radio memorises the last chosen radio station and speaker volume. The radio even allows users to carry on listening after the shower is turned off; using any excess energy stored in an integral Ni-Mh rechargeable cell.

Ethiopia government denies jamming Deutsche Welle

April 11th, 2011 - 9:44 UTC by Andy Sennitt

Ethiopia yesterday denied it was jamming Deutsche Welle's (DW) Amharic language radio shows, after the state-funded German broadcaster appealed for its signal to be restored. Deutsche Welle issued a statement at the weekend saying its broadcasts in Amharic, the predominant language in Ethiopia, had been blocked since 6 April. "This has lead DW officials to believe that

it is a concentrated effort to block critical international media," the statement said. "The Ethiopian administration is apparently concerned that the so-called Jasmine Revolution in North Africa will spread into their country."


Government spokesman Bereket Simon told Reuters there was no jamming of services to the Horn of Africa nation. "Deutsche Welle is heard by only 1 percent of Ethiopians. An independent study (by Electoral Reform International Services) confirmed it," Bereket told Reuters. "We know Deutsche Welle is not ethical but I can assure you, with only 1 to 1.5 percent listenership, why should the Ethiopian government care to jam it?"

In March last year, two months before a disputed election result returned him to power, Prime Minister Meles Zenawi ordered the jamming of US-funded broadcaster Voice of America (VOA) and sparked a diplomatic row. Ethiopia has frequently clashed with DW and VOA and regularly accuses both of broadcasting propaganda that could destabilise the country.

DW said its reports on the recent arrests of more than 100 ethnic Oromos could have motivated the jamming. Ethiopia's government on Thursday said it was preparing to charge more than 100 people it says are members of the outlawed rebel group the Oromo Liberation Front (OLF).

International press freedom advocacy groups say the Ethiopian government intimidates and harasses critical journalists, a charge the government denies. Ethiopia is one of the world's poorest countries and most of its population has no access to satellite dishes or the Internet. VOA and Germany's Deutsche Welle are the only foreign broadcasters producing Amharic radio programs.

(Source: Reuters)

As of yet I am not hearing the second English language newscast of the day. 

International Broadcasting

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<http://www.kimandrewelliott.com>

Goodbye to BBC Russian via radio

The final RF broadcast—via shortwave and via medium wave in the Moscow area—was March 26th. You might still be able to listen to those last broadcasts at bbcussian.com. An interesting feature, when clicking on BBC Russian podcasts, is that they come up in Windows Media Player and display an English text translation at the bottom of the screen. BBC Russian will continue online, including some audio programs.

An article by Alexander Bratersky in the March 25th issue of *The Moscow Times* discussed some of the differences between BBC and other Western broadcasts in Russian...

Admittedly, the BBC trailed the U.S.-sponsored Radio Liberty in popularity, but some preferred its editorial stance. Media analyst Alexei Pankin said he always felt more comfortable with the BBC since he felt its editorial line was more diverse. "You could listen to it and not feel irritated," Pankin said, adding that, unlike Radio Liberty—whose Russian service is still on air—"the BBC was not trying to teach us."

The programming was not limited to politics, either. Among the service's most popular programs was music show "Rok-Posevy" ("Rock Seeding"), hosted by iconic rock journalist Seva Novgorodtsev since 1977.

The Soviet propaganda machine denounced Novgorodtsev as an "agent of the West," but leading music critic Artyom Trotsky dubbed him last year as a "spiritual guide" to millions of Russian rock fans. Novgorodtsev's broadcasts, featuring music unavailable elsewhere in the Soviet Union, were instrumental in

fostering Russia's own rock movement, which burgeoned during perestroika.

"Unlike many other 'enemy voices,' the BBC dedicated more time to music and culture," political analyst Stanislav Belkovsky said.

Goodbye to BBC Mandarin via radio

March 25th was the last day of shortwave broadcasts for BBC's Mandarin Service. It also becomes internet-only—and a test of whether the internet or shortwave is more successful in overcoming tenacious interdiction by a government that does not believe in the free international flow of information. As reported by BBC News on March 25th...

The head of the Chinese service, Raymond Li, believes China's Mandarin-speakers will still be adequately served by the BBC.

"You need a bit of effort, but having said that, a lot of people as far as I know actually are using what they call proxy servers or proxy sites.

"It's not ideal. But then of course, away from online, actually we know the mobile technology has taken up. A lot of people in China are increasingly using mobile phones to access foreign media websites."

So for the BBC, the future is digital. And also, it seems, for the Voice of America, funded by the US government. It, too, plans to shift Mandarin to a web-only service.

Those plans for VOA Mandarin, however, could still be thwarted by the House and Senate appropriations committees.

And goodbye to the BBC Caribbean Service

Although it has not been on shortwave in its recent years, BBC also closed its Caribbean Service. The service's origins go back to 1939, with the BBC's "Calling the West Indies" program. The last day's program, on March 25th, included a call-in about the future of pan-Caribbean journalism.

According to the BBC, "copies of the sound and text content of the BBC Caribbean's radio and online archives will be donated to the University of the West Indies (UWI). A UWI archiving team will be working at Bush House."

BBC Turkish, Vietnamese, and Ukrainian radio broadcasts have also ended, but the entire BBC Hindi shortwave schedule may be restored by May 1.

"Voice of America Museum struggles to exist"

That was the headline of a Cincinnati Enquirer story, by Sheila McLaughlin, on March 23rd. It was about efforts in the past several to establish a broadcasting museum in the transmitter building of the old VOA Bethany, Ohio, station.

"The Voice of America Museum of Broadcasting, the proposed centerpiece of VOA Park in West Chester, may not get off the ground. The executive board appointed to oversee renovation of the proposed museum said they need \$300,000 from the township over the next three years to hire someone to manage and raise money for the \$12 million project. Or they could call it quits.

"We're at that point," said Mark Hecquet after two of three township trustees suggested Tuesday they didn't have the


money in light of the prospect of losing \$5 million in state funds in the proposed state budget....

Board member Clyde Haehnle has a personal interest in bringing the museum to life. A retired employee of WLW radio, Haehnle was project engineer for the Voice of America Bethany Station, which relayed American radio broadcasts across the world from World War II until the federal government shut it down in 1994. ... "I'm 88 years old. If something doesn't happen soon, I'm not going to be around much longer to see it happen. In fact if we don't get some support, I'm not going to keep working on it," he said....

Board members say the museum has international interest and already draws curious visitors from China, Thailand and Czechoslovakia. ... Plans for the museum include collections of artifacts related to the history of Bethany Station and the impact of broadcasting technology, a media theater, restored control room, concourse and gift shop. Bethany Station already houses the collections of the Media Heritage Museum and Gray Museum of Wireless History.

For more information about the planned museum, visit voamuseum.org.

And, continuing on the subject of international radio history, be on the lookout for this, reported by BBC News: "A movie has been made on the space station that tries to show what Yuri Gagarin might have seen on his historic flight around the Earth in 1961. FirstOrbit will have a YouTube premiere [in April] to celebrate the Russian cosmonaut's achievement 50 years on. ... Interwoven also are news reports from Radio Moscow, Tass and the BBC."

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

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALGERIA A-11 of *RTA Algeria* in French with 250 kW, but not yet active SW:

0400-0558 7265 QRG
0400-0558 7415 BEC
0600-0658 9815 BEC
0600-0658 9835 QRG
1800-1858 11715 QRG
1800-1858 11855 BEC
1900-2258 9420 QRG
1900-2258 9705 BEC

(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Mar 30)

ANTARCTICA 15475.9, *LRA36 R Nacional Arcangel* San Gabriel, *1210-1351, Th Apr 14, back on the air with music after several months being silent. At 1230 ID and the Argentine National Anthem, Spanish ann: "We present the first program "Amanecer austral (Southern Dawn)" by its presenter, Ms. Lydia Guzman", presentation of partners, ID, phone and mail address, music, 35443 improving to 45444. (López-Chile via Anker Petersen/DXplorer)

AUSTRALIA 2368.5, *Radio Symban* (presumed), 1325-1335, April 22. Heard during a brief opening at my local sunrise (1325); Greek songs and music; recently had been below threshold level, so this was a nice change. Audio clip of music at <<http://www.box.net/shared/24e4m0acau>>. (Ron Howard-CA/NASWA Yahoo Group)

5050, from 0943 to 1030, April 7. EZL instrumental music; man (Australian accent) and woman announcers; 0949 into segment of pop songs (Aretha Franklin "Respect", Chicago "Does Anyone Really Know What Time It Is?", Johnny Cash, etc.); between songs gave local time; a historical item with dates; 1025 local news (something about a security guard; a police report; etc.); by 1030 BBR QRM was coming up. Unable to make out any ID, so is there a station name now? Thanks to Ian Baxter (Australia) for the timely alert in dxldyg! Poor reception, but still a pleasant surprise on a day that had stupendously good Pacific and Asia propagation. Audio at <<http://www.box.net/shared/kyzkgof6g2>>. (Ron Howard-CA) Pleased to know that you can receive [Ozyradio]: (owner label for radio & not necessarily what the station will eventually ID itself as), from the USA. The station presently broadcasts with just 300Watts. I can confirm that you did indeed receive *VKD963 Ozyradio* on 5050kHz based on your program description & MP3 file at

the time of reception. Presently Ozyradio don't actually have live announcers. Programming is 100% automated. Time announcements & news feeds are current, but automated. Sorry to say there are presently no station IDs. The dipole transmission antenna is now 13m above the ground. I suggested to the owner during the previous broadcast to get the dipole up up up & away from obstructions. Signal is now getting out with good local reports over eastern Australia & now making it to the USA as I'd hoped. Again, well done Ron on your reception. Regards. (Ian Baxter via Ron Howard-CA) 5050, Aussie Music Radio, Schofields. Non stop pop music loop tape, no announcements 400 watts testing. 11/3 clear good strong signal 0900. (Wright) Good reception of an EE song - "Take me to the place where the white boys dance" at 0947 on 9/3. More songs until 1000+ but no anns. (Allen) Non-stop test music loop tape. 0930 10/3 fair level some fades. (Hamby) Testing at 1200, 9/3. It is a monster signal here, but between music items, I can hear traces of China. (Seager) Some suggestion that this is fact a separate site, near St.Marys -cs (ARDXC)

BAHRAIN 6010, *Radio Bahrain*, English, 2107, with 9745 coming in so well (reference following log), I took a chance this would also be audible. Sure enough, at fair level with easy pop music and woman announcer, mention of 96.5 FM. Rapidly fading with sunrise. Best in USB to escape 6105 slop. (Not to confuse, unlike 9745, which was in USB, this freq was in AM mode, I used USB only to escape lowside splatter.) 23 April. (David Sharp/ARDXC)

9745 USB, *Radio Bahrain*, Arabic, 2040, surprisingly good with classical Arabic music, ID by woman, then into conversation by man and women, between music selections. Into ads or similar in lead-up to 2100 news, which was read by a man. About the best I have ever heard this. 23 April. (David Sharp, Australia/ARDXC)

BANGLADESH *Radio Bangladesh Betar* reaches expats with Thomson: Thomson Broadcast today announced that Bangladesh Betar, the Bangladeshi national radio network, is to install a new shortwave transmitter and rotatable antenna from Thomson Broadcast, to extend the reach of its service to the Middle East, Central Asia, China, Indonesia, Malaysia, and the Indian subcontinent. The new transmitter and antenna installation will be located at the

Kabirpur Shortwave Station, about 40 km north of the capital Dhaka, and is scheduled to be operational by September 2011 while the antenna is planned to be on air by spring 2012. Thomson Broadcast is supplying a 250 kW TSW 2300D shortwave transmitter, together with the rotatable HP-RCA 2/2/0.5 shortwave antenna system. This configuration will allow Bangladesh Betar to increase its coverage to the diaspora of Bangladeshi workers abroad who rely on Bangladesh Betar for home news and other entertainment programs in their own language. The installation is being carried out in collaboration with Bangladesh-based distributor and systems integrator Triwave Network Ltd. "We have confidence in Thomson Broadcast equipment and services, built on many years of excellent experience with the company's transmitters," said AKM Shamim Chowdhury, the director general of Bangladesh Betar. "It is an important part of our mission as the national broadcaster for Bangladesh to ensure that Bangladeshis who are living abroad are able to receive our programs, and this new installation will make a significant improvement in our coverage." (Digital Production Middle East, Mar 31, 2011)

BULGARIA An announcement of *Radio Bulgaria*. Dear listeners and DX fans, Radio Bulgaria's Technical Department turns to you with a request for a one month monitoring of our transmissions made in two parts: Part 1: April 18 through May 1 via a transmitter in Plovdiv 300 kW and Part 2: May 2 through 15 via a transmitter in Kostinbrod 100 kW as follows: to West Europe 0430-0500 in Bulgarian on 7400; 0530-0700 in German, French and English on 11600; 1300-1400 in Bulgarian on 15700; 1630-1800 in German, French and English on 7400; 1900-2200 in German, French and English on 7400; to North America 2300-0300 in English, Bulgarian, French and English on 11700. We expect your opinions on the possible difference in the strength and quality of the signal from the two transmitters. You can contact us by e-mail and send us sound files in the MP3 or MP4 format at the following address: frequencies@bnr.bg. Thank you in advance and 73! Ivo Ivanov, Frequency Manager, Technical Department, Radio Bulgaria. (R Bulgaria DX Mix News, Ivo Ivanov, via wwdx BC-DX TopNews Apr 11)

CANADA *Radio Canada International* has cancelled all English and French programming to North, Central and South America. Their new English schedule can be found in the A-11 English schedules section of the magazine. (Mike Barraclough/World DX Club)

CENTRAL AFRICAN REPUBLIC 3389,996 tent. *R ICDI*, yesterday (Apr 13) with 99% certainty was heard until sign off at 2106

on this rather new frequency (started April 1). Signal strength yesterday just above noise level. The station is audible again tonight just now with a little bit better signal. (Thomas Nilsson-Sweden/DXplorer)

3389.996, Apr 13, 2010 *Radio ICDI* with FF discussion, weak signal but undisturbed in USB. Also heard at 1920 with music but two utility stations on each side caused heavy QRM. ID in FF just after 2100. Quite good signal at sign off at 2106. Much better signal next day, April 14. Information from Facebook from April 1: ICDI - Integrated Community Development International Josué Mbami, head of Radio ICDI in Boali just let us know that our second frequency is scheduled to go live today (April 1)! Besides our normal 6am-noon programming on 6040, we'll now be broadcasting from 4-10pm on 3390! This new frequency gives us many more hours of effective coverage, and, and will have less interference from other stations. Exciting news, Josué! (Thomas Nilsson-Sweden/Shortwave Bulletin) Schedule in WRTH 2011: 1800-0400 in French/Sango/Bayaka/Fulfulde. Heard with a very faint signal with glimpses of audio of hymns and vernacular talk at 2115-2125, Apr 16, and on Apr 17 at 0300, 1830 and 2025, and on Apr 18 at 2025, 15111. (Petersen/DX Window)

CHINA 4940, *Voice of Strait*. I can confirm that "Focus on China", now has both a new schedule and new format. Heard now on Saturday (ex-Sunday), from 1505 to 1535 UT (ex: 1530-1600). Saturday, April 2, at 1505 a new brief "Voice of Strait, Focus on China" ID; "Welcome to our program Focus on China. I am your host ... In today's program we will share with you some of the major events in review"; "Chinese President Hu Jintao has delivered a message of condolences to his Myanmar counterpart U Thein Sein over the losses of life and property inflicted by a strong earthquake. On behalf of the Chinese government and people, Hu extended heartfelt condolences to U Thein Sein and via him to the victims of the disaster which struck the country last Thursday", etc.; no IDs during the show as there were in the past; 1534 VOS ID with email and postal address; final ID: "This is the Voice of Taiwan Strait News Radio"; then into Chinese programming. In a few more weeks I will have too much daylight to hear this. Will have to wait till next winter for good reception again. Audio clip at <<http://www.box.net/shared/q53r3ibvqm>>. I must confess I will miss the former recorded introduction: "This is the Voice of Strait, Fuzhou, China . . . Hello everyone. Welcome to our program Focus on China. This is Gary . . .", as I enjoyed hearing it for many years, even long after "Gary" had in fact left the show. (Ron Howard-CA/NASWA Yahoo Group)

CLANDESTINE Summer A-11 schedule of *Democratic Voice of Burma* in Burmese:

1430-1530 11515 ERV
2330-0030 9490 WER
Registered, but not yet active:
1300-1400 11560 A-A
1430-1530 7475 A-A
2330-0030 11595 ERV
(R Bulgaria DX Mix News, Ivo Ivanov, via
wwdxc BC-DX TopNews April 4)

Denge Mezopotamya in Kurdish:

0400-1400 11530 SMF
1400-1800 11530 SMF
1800-2000 7540 SMF
(R Bulgaria DX Mix News, Ivo Ivanov, via
wwdxc BC-DX TopNews April 4)

The Khmer Post Radio in Khmer:

1200-1300 9960 HBN, new
(R Bulgaria DX Mix News, Ivo Ivanov, via
wwdxc BC-DX TopNews April 4)

Summer A-11 schedule for *Voice of People*
in En/Shona/Ndebele from Madagascar:

0400-0500 9870 NF, ex9875 eff. April 1
1600-1630 9445
1800-1900 7330
(R Bulgaria DX Mix News, Ivo Ivanov, via
wwdxc BC-DX TopNews April 4)

Hamada Radio International in Hausa:

0530-0600 NF 9610 WER Daily, ex Mon-Fri
9545

Ethiopians for Democracy in Amharic, but
maybe last txion will be Apr 27
1700-1800 NF 13800 ISS Sun/Wed, ex13820

Radio Dardasha 7 in Arabic

1900-1930 NF 13740 WER, ex13640 (R
Bulgaria DX Mix News, Ivo Ivanov, via
wwdxc BC-DX TopNews Apr 22)

ETHIOPIA 6030, *Radio Oromiya* in Oromo

at 0321 to 0402, April 25. Interval signal
until 0330; then man & woman spoke and
African vocal selections; 0344 man spoke
with occasional very brief African
instrumental music. Good signal but Cuban
jammer continued after Radio Marti's
Sunday evening 0300 close. For an e-mail to
habtamu_dargie@yahoo.com, in just 6
hours I received the following response:
"Dear Craighead, I am very pleased and glad
to hear that our signal is received at North
America. I am very surprised to hear it. It is
the first time I have a report from North
America. Thank you very much for your e-
mail. I confirm to you that the signal you
received is Radio Oromiya broadcasted on
6030KHZ. Our programs are predominantly
broadcasted in Oromo Language (Oromo is
the major Ethnic group in Ethiopia with a
population of around 30 million). Our
programs content is mainly news and
current affairs and entertainment and music
shows; Our weekly programs are as follows:
Monday to Friday: 3:30 GMT to 6:00GMT;

9:00GMT to 11:00GMT; 15:30GMT to
19:00GMT; Saturday and Sunday 3:30GMT to
19:00GMT. Finally I want to appreciate your
hobby to receive distant radio signals and
wish you success in your effort to receive
additional stations. God bless you. With best
regards, Habtamu Dargie, Oromia Radio and
TV, Engineering Head". I thought I'd seen
reports of QSLs from North America, but Mr.
Dargie obviously knows about DXing. My
postal report to Radio Oromiya last August
brought no response. This is the second
very prompt QSL I've received in the past
few days; the other was from Radio Fly.
(Craighead-Kansas, USA/DXplorer)

FRANCE On April 1 this message was on
the *RFI* English service webpage: Starting
Monday 4 April RFI's broadcasts in English
will be for four continuous hours, starting
at 4am GMT. There will be no broadcasts
after 9am. Look out for our increased
coverage of French news and continuing
international coverage, along with new
short features, sport and reviews of the
African press and French weeklies at the
weekend.

Checking the HFCC A-11 data frequencies
are registered for English at these times are:
0400-0500 9805 11995, 0500-0600 11995
(from 4/9) 13680 15160, 0600-0700 11615
15160 17605 17800, 0700-0800 15605 15615
17605. (Mike Barraclough/World DX Club)

GERMANY 6140, *European Music R*, via
Wertachtal, *1000-1100*, Su Mar 20,
English frequent ID's: "This is European
Music Radio, commencing transmission,
European Music Radio back on the air",
"EMR, broadcasting from Germany",
"European Music Radio, on 6140 kHz, e-
mail: studio@emr.org.ukg, ann nice
evergreens from the 1970s, R Caroline and R
London sounds, 1028 Listener's reports incl.
from Erik Koie, "Hotel California", 55544.
(Méndez and Petersen). Hosts were Tom
Taylor at 1000, Mike Taylor at 1025 (Mailbox
programme). Next broadcast in June.
(Taylor/DX Window)

GUAM The Board of Directors of *Adventist
World Radio* has approved, in concept, the
expansion of AWR's shortwave broadcasting
facility on the island of Guam in the Pacific
Ocean. This project will result in much
better coverage of China, a critical mission
area for the Seventh-day Adventist Church.
The Guam station, which was established in
1987, currently broadcasts programs in 30+
languages for nearly 300 hours each week to
a large portion of Asia. The station's
broadcast equipment consists of six towers,
four curtain antennas, and five
transmitters. The largest tower is 330 feet
tall, and each curtain antenna is about the
size of two football fields. The current
equipment cannot provide a signal of
sufficient strength, at the right frequency,

to adequately reach listeners in northern China, Mongolia, Siberia, and beyond. Adding a fifth antenna will enable AWR to broadcast a strong signal to these areas during prime listening hours, as well as simultaneously transmit additional programs in more languages. (Excerpts of AWR Press Release via Alokesh Gupta-India/TopNews)

GUATEMALA 4055, Radio Verdad, Chiquimula, 0553-0605*, 01-04, good propagation conditions to listen Radio Verdad here in the city of Lugo in the early morning, but only on LSB mode to separate the noise from the signal in this channel. Today at 0553 clear identification in various languages, Spanish, English, Italian and more. "Escuchan la estación evangélica Radio Verdad, Chiquimula, Guatemala, en la frecuencia de 4055 kHz, banda de 75 metros, envíen sus informes de recepción a la siguiente dirección: Radio Verdad, Apartado 5, Chiquimula, Guatemala, Centroamérica, tenemos una tarjeta QSL conmemorativa de nuestro aniversario". Anthem and close down at 0605. 24222. (Méndez-Spain/EDXP) We received the following mail from the Director of R Verdad, Chiquimula on Mar 26 after some days tests: "Repair is finished and the transmitter of Radio Verdad now broadcasts with 700 watts of power. We also changed the frequency which now is 4055 kHz. We welcome your reports, we have a beautiful new commemorative QSL card. Dr. Edgar Amílcar Madrid, Director and CEO. " (Hauser and Méndez/DX Window)

GUYANA 3290, Voice of Guyana, Georgetown: The former transmitter site close to airport at Sparendam has been dropped and the new site is 17 kilometers more westerly just west of Georgetown, close to Guyana National Communications Network MW mast 560 / 760 kHz 10 kW at 06°46'00.06"N 58°13'53.98"W. (Bueschel/DX Window)

INDONESIA 3344.97, RRI Ternate, 1301-1355, April 7. Another Thursday with the "Bali International English Club" program in English; very informal show with a lot of back and forth chatting; predominately about North Maluku; students introduced themselves (Nina, who is in her last year of college, etc.); on air calls; ironically all the phone numbers given were not in English; conversation about rubbish in North Maluku and how trash is bad for tourism; their club has programs of "Go Green"; caller suggested more handicrafts being sold in North Maluku; 1355 end of show announcement; pop song till ToH; audio breaking up from time to time; almost fair. Audio at <<http://www.box.net/shared/yf7iz9cyz2>>. (Ron Howard-CA)

4749.95, **RRI Makassar.** Friendly response in 11 weeks from Syahrir Badulu <thebestforum@yahoo.com>: gIs lovely indeed that you managed to stayed tune and kept listening to your favorite songs from RRI Makassar. Yeah, I always try our best to meet the listenersf needs in terms of music/song being played back and improving the coverage area of our show here from RRI Makassar. Really glad to hear from your feedback from California, USA. And as you probably know that our shortwave channel is actually able to be monitored in Amsterdam and in some places in Europe. Big thanks ya. Keep up the good work and get the habit to listen to our cultural and art show on the radio. Kind regards from all of us here at RRI crew. Syahrir Baduluh. Background information on him is at the Kang Guru Indonesia website <<http://www.kangguru.org/radio/presentersprofiles.htm>>, which is where I originally obtained his email address. I of course did write to him in English. Always nice to receive such emails from Indonesia! (Ron Howard-CA/NASWA Yahoo Group)

4869.96, **RRI Wamena, 0958-1013, April 6.** Tuned in at the usual time for the Wednesday "Kang Guru Indonesia" (KGI) program in English (1000-1020), but it was not on. I should have checked again one hour later. Atsunori Ishida's website, at the top of the page, shows their new time of 1059 (disregard the time shown under "RRI Wamena" - "0959", as it should be "1059"). I will try again next Wednesday. (Ron Howard-CA) Sorry for the confusion on my part! Atsunori Ishida indicates that KGI was in fact on at 0959. He has updated his website. They must have been just too weak for me to recognize the distinctive voice of Kevin. Will try again next Wednesday and hope for better reception. Thanks to Atsunori for keeping us up-to-date with these Indonesian stations! (Ron Howard-CA)

7289.88, **RRI Nabire, 0740-0756***, April 6. In Bahasa Indonesia; EZL pop songs; 0746 a brief singing jingle (perhaps a station ID?); suddenly went off the air in mid-song; sign off time confirmed by Atsunori Ishida ; unusual for them not to make it to the ToH with the relay of the Jakarta new; signal improving; the longer they are on, the better. So at least in California, this is routinely heard now. (Ron Howard-CA) 7289.88, **RRI Nabire (presumed), 0843-0856***, April 9. No announcements, so I have to assume it was them playing non-stop Middle Eastern sounding songs; fair; suddenly off; certainly one of their longer transmissions, as usually goes off about 0800 or so. (Ron Howard-CA/NASWA Yahoo Group)

JAPAN Due to the extra-ordinary situation after Earthquake and Tsunami in Japan, *R Japan NHK World English* has extended its

News Segment of their usual 30 minutes transmission to present 10 or 15 minutes to 29 minutes. They will cover and update listeners with news plus interviews about latest developments etc from Earthquake and Tsunami hit region in Japan for a while. As heard on Mar 14 transmission of R Japan NHK World-Bengali and Hindi transmission on SW, they have cancelled all scheduled announced summer special programs for a while and cover and update listeners with news plus interviews about latest developments etc from Earthquake and Tsunami hit region in Japan. I believe all R Japan Services will follow this for a while. And R Japan-Bengali Service also announced in their transmission on Mar 14, due to disruption of postal service plus transport services due to the Earthquake and Tsunami in Japan, there will be delay in receiving postal correspondence from R Japan. And heard on both transmissions of R Japan-Bengali and Hindi Service that listeners are requested to send their feedback via feedback form on their respective websites. They did not mention about the usual e-mail address of sending feedbacks etc i.e. nhkworld@nhk.jp. (Gautam Kumar Sharma, Assam, India/DX Window)

JORDAN HFCC A11 registrations for Jordan are 0400-0710 11810, 0500-0715 11775 11960, 1030-1130 15290, 1030-1300 11810, 1745-2000 9830. (HFCC data file 31/3/World DX Club)

LIBYA 6877 USB, you can receive messages in Arabic, English and French for the coalition to the people Libyan broadcasts probably come from EC-130J Commando Solo or some base in the Mediterranean. (Koie/DX Window)

USAF EC-130J STEEL 74 has been transmitting on 6877.0 to Libya this evening. A recorded message in English, French and Arabic on SSB says "Libyan ships or vessels remain anchored. Do not leave port. The Gaddafi regime forces are violating a United Nations resolution ordering the end of hostilities in your country. If you attempt to leave port you will be attacked and destroyed immediately. For your own safety, do not leave port." The Commando Solo is operated exclusively by the 193rd Special Operations Wing, which is based at the Harrisburg International Airport in Middletown, Pennsylvania. (Sennitt, Mar 20, via Koie/DX Window)

The Gaddafi regime obviously has found it necessary to start relaying the Domestic Main Program on SW, after at least two of its major MW stations [El Baida (1125) and Benghazi (675)] in the East have been taken over by the opposition and are called "Free Libya". (Petersen/DX Window)

PsyOps transmission targeting Libya audible March 28 on 10405 upper sideband, with strong signal since 1250 tune-in. Slight bubble jamming in the background. Thanks to a tip from Steve Lare on DXLD. The transmission is in English and Arabic with a tape loop telling Libyan naval officers to refuse orders and return to their home and families "if you attempt to leave port you will be attacked and destroyed immediately". (Dave Kenny, Caversham, BDXC-UK/World DX Club) 10405 USB, Coalition Forces PsyOps, "Odyssey Dawn", 1000-1140, Mar 28 and 30, another frequency for the recorded message in English, French and Arabic on SSB says "Libyan ships or vessels remain anchored. Do not leave port. The Gaddafi regime forces are violating a United Nations resolution ordering the end of hostilities in your country. If you attempt to leave port you will be attacked and destroyed immediately. For your own safety, do not leave port." (Koie and Nielsen/DX Window)

Summer A-11 schedule of **LJBC Voice of Africa**:

1200-1358 17725 SAB in Swahili
1400-1558 17725 SAB in English
1600-1658 17725 SAB in French
1700-1758 NF 17725 SAB in French, ex11800
1800-1958 NF 11805 SAB in Hausa, ex11800
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews Apr 22)

MADAGASCAR Construction is almost finished on the *Madagascar World Voice* station. Antennas #1, #2 and #3 have been erected and tensioned on the towers. The transmitter building is now completed and ready to receive the three 100,000 watt transmitters once the last payment is made. New audio equipment has been installed in our studio in Franklin that will enable us to send and receive programming from all over the world. All the buildings that are needed in Madagascar have been finished except a small guest house for visitors from America. When the new station begins broadcasting to the other half of the world, every day a total of 60 hours from five antennas will blanket the globe with the gospel. English, Russian, Chinese, Arabic, Spanish, Portuguese and from the African website, several languages spoken in Africa, will introduce literally millions of people to Jesus Christ. Our new station in Madagascar is closer to completion than ever before. (World Christian Broadcasting Website)

MALAYSIA On a new frequency of 6100, April 25. *Wai FM* via RTM, assume via Kajang, near Kuala Lumpur, but this needs to be confirmed; 1541-1600. In vernacular; pop song (Deep Purple "Smoke On The Water", ballads in vernacular, etc.); on air phone calls; many IDs; fair; // 11665 (not // 9835). Sarawak FM via RTM, 1600-1604. Became // 9835; Choral National

Anthem (Negaraku - Lagu Kebangsaan Malaysia); singing Sarawak FM jingle; pop song; also still // 11665. (Ron Howard-CA/NASWA Yahoo Group)

MALAYSIA (Sarawak) 7270v, Wai FM 1213-1300+ Apr 1. YL ancr, regional vocal music. Signal fluctuated wildly from about 7270.1-7270.5; finally settled on "usual" 7270.02 around 1330 per spot checks. But next day was steady on 7270.50 per occasional check. Decent signal on both days. (Wilkins-CO/DXplorer)

MYANMAR 7200.06v, Myanma Radio. 1212-1330*, April 1. In vernacular with EZL ballads/songs. The last time heard here during this time period was back in late June 2010; poor to fair with ham QRM (one of them mentioned a foreign radio station on frequency and he thought it was Japan). Am pleased to hear this again, as it is by far the strongest Myanmar station that I can hear. (Ron Howard-CA/NASWA Yahoo Group) 7200.06v, Myanma Radio. 1211-1333*, April 3. Running a little late; in vernacular; segments of talking and of music; signal slowly improving. CRI on 7205 signs on at 1300, so best in LSB after that. Believe 1330 is their normal sign off time (as per last year), but it does vary. April 3 was 1330*; on the 4th early sign off around 1230 or so. Today at 1330 played the usual indigenous instrumental theme music for the start of their Distance Learning program; into a lecture (math?); suddenly off; unable to confirm if lecture was // 5915, as it was last year (CRI too strong to tell if they were underneath). (Ron Howard-CA/NASWA Yahoo Group) 7200.05v, Myanma Radio. *1130, April 7. Strong open carrier before sign on; in vernacular; prominent hum which I had suspected in earlier receptions, but could only confirm today. Thanks to the tip from Robin Harwood (Tasmania) in dxldy, I was indeed able to hear the spur on 7185.87; weak but definitely //. (Ron Howard-CA)

PAKISTAN Frequency change of *Radio Pakistan* in Urdu WS:

1700-1900 9350, ex 9390 //11590
(R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews April 4)

3974.97, *Azad Kashmir Radio* (presumed), 1352-1403 + 1412, April 19. I often check for the return of RRI Pontianak (3976.06v), but usually only find a Korean station with extremely distorted audio, wildly drifting around here, but today for the first time heard a station that sounded as if it was from the subcontinent. In vernacular with indigenous music and song; poor and was fading out. Per the Alan Davies website this is "Azad Kashmir Radio Trarkhal/Tararkheil" via Islamabad. Has been many years since I last heard them. Can still remember the thrill in 1981 of receiving a registered letter

from Muzaffarabad, with my QSL on the stationary of Azad Kashmir Radio and signed by the Engineering Manager, M. Sajjad Ali Siddiqui, for my reception on 6010. Certainly one of my most prized QSLs! (Ron Howard-CA/NASWA Yahoo Group)

PAPUA NEW GUINEA 3915, Radio Fly: Status report on the 3915 R. Fly transmitter that has been silent for some time now. Transmitter site for both 3915 and 5960 is Kiunga, a port town on the Fly River, about 85 miles south of Tabubil. Per their radio technician, the 3915 transmitter has been repaired, but needs to be re-installed at Kiunga. Also the circuit breaker for the Zircon tripped and needs attention. She did try to reset it, but it only held for about 2-5 minutes before tripping again. She suggested it would be good to have both aircons working before they re-install the second transmitter. She is currently on leave, but will be back working at the Kiunga site next week. (Ron Howard-CA/NASWA Yahoo Group)

Here is an email from the Radio Fly radio technician at Kiunga, Roseanne Kulupi <Roseanne.Kulupi@oktedi.com>, who indeed would like to hear from other SW listeners: "Easter Greetings to you all the way from PNG. I hope this email finds you well. Thank you for your email. It's great to know you are receiving our signal there in California. We've also received a couple of emails from listeners in Japan, Australia, New Zealand and a couple of other countries as well. I apologise for 3915 kHz frequency being off air. The transmitter had been faulty for some time and just recently got repaired and is on its way back to site. We should have it back on air, hopefully in a week or two weeks time. Thank you once again for your email and I look forward to more emails from you and other shortwave listeners of California. Have a safe day. Kind Regards, Roseanne." (Ron Howard-CA/NASWA YG)

Radio Maria is on air in Papua Nuova Guinea on the frequency of 4960. The antenna is located in Vanimo, in the North of the country, not far from the Indonesian border. Power is 1 KW. It was reactivated few days ago. You can find a picture of the antenna on <http://rxreport.blogspot.com/>. Reports can be sent to Giampiero Bernardini: QSL@radiomaria.org. Recorded clips are welcome. (Giampiero Bernardini, QSL manager Radio Maria World Family, Milano, Italy via BCDX) Catholic Radio Network was on this freq from Vanimo from June 2004; was off the air by 2008. (Jerry Berg/DXplorer) There have been subsequent reports circulating questioning the validity of the Radio Maria operation. (RAD)

5960, *Radio Fly*, 1017, April 6. A talk in Tok Pisin; 1023 start of a music show of all

pop island songs with DJ in Tok Pisin and with on air calls till tuned out at 1054; several clear IDs heard, but reception overall poor. (Ron Howard-CA) 5960, Radio Fly, 1031, April 7. One of their best receptions! In Tok Pisin with island pop songs and many phone calls; played "My Heart Will Go On" (Celine Dion) and "Tequila Sunrise." Audio at <<http://www.box.net/shared/o84cl8b6kt>>. Note at 0:04 they said "Radio Fly Wantok". At first thought "Wantok" was part of some new ID, but no, it must be in reference to the song "Girl of My Dreams." 3915 still off the air. (Ron Howard-CA) 5960, R. Fly, April 7 from 0915 t/in with alternating man and woman tlk--seemed to be reading news items. Signal very weak at this point, and no mx heard, but getting stronger. Finally began evening mx request prgm at around 1024 hosted by man DJ. IDed one song ("Tequila Sunrise" by the Eagles) as signal continued to improve. The mx was mostly islands-influenced pop sounding at times like reggae. DJ took calls after nearly every song. Signal peaked at 1120 with country-ish vocal song then started back down. Thanks to Ron Howard (who was listening at the same time and provided his audio clip for comparison), I was able to catch the ID on my recording at 1047 with "Radio Fly . . . Wantok . . ." "The Girl of My Dreams." Txn, Ron! Heard again Apr 8 at 1054 with sports play-by-play but weaker than previous day. Now that annr Jobby Paiva has left the station (since Feb 18) I don't know if there is a reliable email contact for R. Fly. Any ideas? (Herkimer, NY/DXplorer)

Now that Jobby Paiva is no longer with R. Fly, hence not available to receive our requests for QSLs (which supposedly are being printed), I decided to try to initiate a new contact with the station. Thanks to the wonders of the Internet, was actually simpler than I imagined. Well that and some very nice folks at Ok Tedi Mining Limited, who forwarded my email along to the right parties. Sent an email to an address found on the Web: Emmanuel "Manny" Tajonera <Emmanuel.Tajonera@oktedi.com> Manager Finance - Ok Tedi Mining Limited. His response: gNice to hear that you are enjoying our Radio Fly station. The person in charge of our communication is Michael Miise. He is the Team Leader Communication. You can get in touch with him through the following: Phone: (675) 649 3859 Email: Miise.Michael@oktedi.com I also found the email address on the Web for the top man himself: Nigel H. Parker <Nigel.Parker@oktedi.com> Managing Director and Chief Executive Officer Ok Tedi Mining Limited. Did not really expect him to respond, but did so in less than an hour: gThank you for your interest. I have copied our media Relations Manager and she will follow up with you.h About ten minutes later received an email from: Jane Mills <Jane.Mills@oktedi.com> "We are pleased

to know we have a fan from across the Pacific Ocean. For communications with Radio Fly you can contact broadcast officer/sports reporter James So-on who has been copied in on this correspondence. He will be able to assist any of your enquiries." Sent a follow up report with more details of my reception to: James So-on <James.So-on@oktedi.com>. His response: "Good to know you're in tune with Radio Fly frequency 5960. I will check on QSL card and advise accordingly. Regards, jayso" So it looks as if either email to gjaysoh or Michael should get a response. Hope this helps. (Ron Howard-CA/NASWA Yahoo Group) 5960, Radio Fly in 4 hours e-mail promising QSL card when printed from Michael Miise, and in 5 hours partial-data e-letter from James So-on, for reports to Michael@oktedi.com and So-on@oktedi.com. Thanks to Ron Howard for discovering and posting Radio Fly e-mail addresses! (Craighead-KS/DXplorer)

7325, 0804, *Wantok Radio Light* fair 13/2 in clear on measured 7324.97 but unstable transmitter makes SSB reception difficult - AM mode best. EE ident and "welcome to our international listeners in Norway... (long list including NZ)". Prgm summary mentioned NBC news to follow at 7pm (0900 UTC). Also noted fair-good at 2014 on 15/2 with gospel songs. (Bryan Clark-NZDXTimes)

Caught Wantok Radio Light this morning (Apr 5) on 7324.96 from 0918 to 0957. CRI is on the freq after 0957 and makes it impossible. Before that it's clear. The carrier and audio is distorted making it tough. You can hear it on the attached MP3 recording. I think it drifts a little too. Noted a mention of Papua New Guinea during a promo or canned announcement of some sort at 0921. The signal doesn't sound very healthy and I wouldn't be surprised if they go silent at any moment. Better get'em now. (Dave Valko-PA) 7324.95, *Wantok Radio Light*. 0758, April 6. Severe QRM from OTH radar pulsating noise; end of a syndicated religious show; 0800 ID; local program of Christian songs which were extremely distorted/wobbling; 0816 schedule given for Dr. Tayo Adeyemi's show ("6:30") and "at 7 o'clock on the dot the N-B-C National News" (is never on the dot!); 0831 intro for the "New Wine Church" with Dr. Tayo Adeyemi preaching; 0902 PNG birdcall; news; 0912 "and that was the end of the N-B-C National News." Incredibly distorted audio for the local programming, but for some reason the pre-recorded segment of Dr. Tayo Adeyemi was fairly clear; was able to make out much of what he said; reception would have been almost fair except for the OTH radar QRM. The signal strength was good, so I can easily see why Dave Valko, John Herkimer, et al on the east coast are now able to hear what for them in the past was a rare station. (Ron Howard-CA) 7324.95, *Wantok Radio Light*.

0859, April 7. ID; rare for them not to have the National News at 0902; EZL and religious music; 0906 made an announcement that there was a problem with the NBC National News audio feed, so they played music instead; hence not // 3385 which also did not receive the audio feed. (Ron Howard-CA) 7324.96 Wantok R. Light (t), 0955 Apr 6, weak with what sounded like religious talk by man, woman concluded prgm 0958, then light orchestral mx bridge to top of hour. Buried by CRI s/on at exactly *1000. Checked again Apr 8 at 0937 and heard similar prgming until CRI carrier came on early at *0957. No ID and the window for this one is narrow before CRI crashes in. (Herkimer, NY)

PERU 4850.8v, *Radio Genesis* (new station), Huanta (tentative) heard in Colombia at 2330-0036* with abrupt sign off. Slogan "Bienvenidos a la fiesta espiritual de nuestro Señor dios..." (Rafael R. Rodriguez/PlayDX)

5940, *Radio Melodia Arequipa* is inactive on shortwave because government is not giving authorization for them to operate on shortwave. This info has been received by letter signed by Sra. Elba Delgado, wife of Generte Don Hermogenes Delgado. (Simon Soininen/PlayDX)

6173.9, *Radio Tawantinsuyo*, Cusco, 2359-0015, 20-04, male, Spanish, comments, Peruvian songs, advertisements, flute, local news: "Una reunión frente a la urbanización", "La ciudad universitaria", "Las autoridades del Gobierno Regional". Bad modulation. 14321. (Méndez-Spain/EDXP)

PRIDNESTROVIE (Moldavian S.S.R.) Summer A-11 schedule of *Radio PMR Pridnestrovye* Mon-Fri:

1700-1900 9665 Ru/En/Fr/Ge, each 30min
1900-2100 9665 Ru/En/Fr/Ge, repeated
2100-2300 9665 Ru/En/Fr/Ge, repeated (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews April 4)

ROMANIA The new summer schedule (partial) for *Radio Romania International* broadcasts:

0000-0100 on 7385 and 9580 USA (East Coast)
0300-0400 on 7335 and 9645 USA (West Coast)
0300-0400 on 11895 and 15340 India
1700-1730 on 7350 DRM United Kingdom
1700-1800 on 9535 DRM and 11735 Western Europe
2030-2100 on 9765 DRM and 11880 Western Europe
2030-2100 on 11940 and 13800 USA (East Coast)
2200-2300 on 5960 and 7435 Western Europe
2200-2300 on 9790 and 11940 Japan

The English language program to Western Europe, airing at 1700 hours summer time, is simultaneously transmitted in DRM system on 9535 and in analogue system on 11735. RRI also brings you a 30-minute program in English, broadcast in the DRM system, transmitted to the UK by the British provider WRN Broadcast, between 1700 and 1730 hours, on 7 350. Our English morning program airing at 0530 is simultaneously transmitted to Western Europe in the DRM system on 7305 and in analogue system on 9655. Our English program airing at 2030 is simultaneously transmitted to Western Europe in DRM system on 9765 and in analogue system on 11880. RRI also releases a weekly podcast in English, with an RSS feed; RRI's program, broadcast on Sunday at 1700 hours, will be available on the WRN servers and also on podcast directories, such as iTunes and Juicer. On RRI's website, www.rri.ro, you can listen to some of our broadcasts in English from the last 7 days. From Monday to Sunday you can listen, on demand, to our broadcast starting at 0600 hours Romanian time. The programs become available as audio files 2 hours after broadcasting. (Station via Dave Turnick-PA)

RUSSIA 5470, *Voice of Russia*, Moskva, 2000-2010, Mar 09, French news, ID: "Le Voix de la Russie", 15111. A Mixing product (11600 - 6130 = 5470) heard // 6130 (Moskva 54554) and // 11600 (Moskva 45434) with French scheduled 1700-2200. So this IS NOT R Veritas, Liberia, reactivated! Thanks to Jari Savolainen! (Petersen/DX Window)

SOLOMON ISLANDS 5019.90, *SIBC*, 1059, April 6. Sound of conch shell horn; go to <<http://www.conchshellhorn.com/>> to hear what that sounded like; "the Government Communications Unit, with the Office of the Prime Minister" has a 30 minute program "Parliament Report" at "half past nine every night Monday through Friday"; PSA (stay away from windows during a storm); 1101 ID with frequencies ("1,035 kHz. MW band and on short wave 5,020 kHz., in the 60 meter band"); news in English (6 members of Parliament who had resigned from the opposition group have joined the government; one million dollars for designing a new Prime Minister's residence; warning about a cholera outbreak; etc.). "You are listening to the news from the Solomon Islands Broadcasting Corporation"; good signal strength and light Cuba QRM from 5025. Very nice to hear the unique sound of conch shell horn! This is another station that is making it over to the east coast for some decent reception there. (Ron Howard-CA) 5019.88, *SIBC*, 0940 Apr 6, in surprisingly early and at fair level with pop mx prgm, laid-back man DJ in Tok Pisin sending greetings, TCs. Suppressed Rebelde splatter today and a good sign of enhanced Pacific reception. (Herkimer, NY/DXplorer)

SOUTH AFRICA 7205, *South African R League*, via Meyerton, Su 0800-0900 English to Southern Africa // new frequency 17570 (ex 17860), via Meyerton to East Africa. (Ivanov via BC-DX, Apr 04/DX Window)

SUDAN A Sudanese anti-government youth group announced on Thursday that it has launched a radio on short wave frequencies across the country in order to drum up support for regime change, a bold bid to challenge state control over broadcast media outlets in the country. Worsening economic conditions manifested in sharp increases in food prices compounded by a glum mood following the secession of the oil-producing south in a referendum held last January have stoked dissent in north Sudan.

A clutch of anti-government youth groups have emerged and are actively attempting to galvanize support for a popular uprising against the 22-years old rule of President Omer Al-Bashir government inspired by current revolts in the region. However, their few attempts to stage anti-government protests over the last two months had failed to take on a mass appeal and were swiftly squashed by the authorities. One youth opposition group known as Youth for Change, the shorthand of which is Shararah [Arabic for spark] has taken the battle to a whole new level by announcing the launch of its radio programming on short waves across the country.

Breaking the news via a statement on its Facebook-based page, Shararah said its radio broadcasts would start on short waves frequencies across the country as of Thursday, March 31. According to the group's statements, the radio programming would be broadcasted every Tuesday, Thursday and Saturday for 30 minutes starting at 6:30 pm [local time] and can be heard on 15540 kHz. "We urge our listeners in all parts of Sudan to follow our broadcasts and provide us with information on whether our broadcasts have reached all [target] areas" the group's statement said. "The service will cover all parts of Sudan in a continuation of the tremendous efforts exerted by different segments of the society, especially youth groups, in order to get rid of the [National Islamic] Front regime to extricate Sudan from this dark abyss," the statement added.

The group further asked those wishing to contribute to the radio or send audio materials to contact it through the following e-mail: syr.radio@gmail.com. It is not clear whether Shararah radio's broadcasts will be relayed from inside or outside the country, but Sudanese authorities have in the past successfully blocked the operation of radios it deemed hostile to the government, especially in the

densely-populated Khartoum state. Unlike print-media which enjoys relative freedom in Sudan, broadcast media is tightly controlled by the state and heavily regulated by the National Telecommunication Corporation, which also filters and monitors internet content. There are 16 radio stations broadcasting on FM frequencies in the capital Khartoum, almost all of them focus their programming exclusively on entertainment, religious affairs or sport. (All Africa.com via Slaen/DXplorer)

15540 is registered daily towards ITU Zone 48 via Grigoriopol, Moldova 300kw at 160 degrees 1430-1500 and 1530-1600, brokered by World Radio Network. There was a strong station noted at 1532 April 1 (Friday) in East African language with Horn of Africa music, identification as *Radio Hurriyah* (?). At 1534 noise jamming came on which intensified during the transmission, by the end of the transmission at 1600 intelligibility was poor. (Mike Barraclough-UK/World DX Club) *Sudan Youth R* was heard on 15540 at *1531-1600*, Sa Apr 02, Arabic, Sudanese music and short reports, 23332. (Robic). Also heard at *1537-1602*, Tu Apr 05, carrier on from 1530, but first audio at 1537, short messages in Arabic mixed with Sudanese music and songs; technical problems, 45433. (Petersen/DX Window)

THAILAND 9890, *R. Thailand* *1230-1259* Apr 19. In English with national news, business news, ads, etc.; off abruptly at 1259. Also heard on Apr 21, coming on at 1230 but playing Thai vocal and instrumental mx with no anmts until 1253, when several ads (Crystal Design Center, a trade company, and one or two others) in American-accented English were noted; a program about Thai culture followed at 1256; off in mid-sentence at 1259:30. Fair signal both days but fadey and hard to copy at times. (Wilkins-CO/DXplorer)

UGANDA 4750, *Dunamis Shortwave*, good condx tonight. Dunamis Shortwave (p) from tune in at 1928 till s/off at 1943 with surprisingly strong signal. Nonstop African style and Christian music without any announcement or ID, sudden s/off. If it was really them, I never heard them so strong before. Still 1 KW? (Harald Kuhl-Germany/DXplorer) 4750, Dunamis Shortwave in 60 meter band from 6:00 - 10:00 p.m. local Uganda time or 1500 - 1900 broadcasting from Mukono. Send your reports to mail@biblevoice.org or mail to: BVB, P O Box 425, Station E, Toronto, Ontario, Canada M6H 4E3. (Station Direct) This can be read at their website: "God has heard the cry of his Ugandan people and has answered by means of shortwave radio. Dunamis Shortwave was constructed in 2006 and has been on the air spreading God's message of

hope, healing and love to these precious people. Listeners from Central Uganda to Southern Sudan are responding to the Lord's message writing into the station to share their stories of encouragement and healing. Do you feel the Lord calling you to reach His children in the 'Pearl of Africa'? If so please contact our office." (Thomas Nilsson-Sweden/Shortwave Bulletin)

UKRAINE Summer A-11 of *Radio Ukraine International*:

1400-1700 9420 KHR in Ukrainian

Summer A-11 for *Voice of Russia* via RUI's tx:

0200-0300 7440 in English

0900-1000 11655 in German (R Bulgaria DX Mix News, Ivo Ivanov, via wwdxc BC-DX TopNews April 4)

UNITED KINGDOM Journalists and human rights activists have requested **BBC** not to close its shortwave transmission service from March 27, as announced earlier, saying that the move will deprive Nepal people of their right to receive news unhindered. A request letter submitted to the British Embassy on Monday urges the Government of Britain not to shut down BBC's Nepali service through shortwave transmission as the decision will deprive rural areas, where many people are listeners of BBC Nepali Service, of information. The letter says hundreds of thousands of Nepali listeners will be without information if BBC shuts its shortwave transmission and this could change their attitude towards the British government. Maintaining that BBC Nepali Service played a great role in restoring democracy in the country, the activists said the BBC service, which has a huge influence in rural areas, shouldn't be shut down. Senior journalist Gokul Pokharel said the British government shouldn't close the Nepali service at least till all rural people have access to FM radios. (The Himalayan Times via Arnaldo Slaen-ARG/DXplorer)

URUGUAY 6045 USB, *CXA61 R Sport 890* resuming on SW. Transmission of the "Vuelta Ciclista del Uruguay" (Uruguay Bicycle Tour). Reported in Argentina by DXer Ernesto Paulero, this afternoon at 1800. (ConDig YG via Nigro, Apr 20/DXplorer)


ZIMBABWE HARARE - Relentless jamming by President Robert Mugabe's forces is depriving Zimbabweans of a wide array of free entertainment sources provided by foreign governments. Music and soccer have become the latest battlefronts, with talented musicians forced to sing praises of Mugabe while footballers play in tournaments named after him. But the latest deployment of Chinese-made jamming has forced even the VOA to acknowledge routinely in its Zimbabwe broadcasts that

the waves are jammed. An announcer is now regularly heard to say: "This is Studio 7 for Zimbabwe broadcasting on 909 AM, but due to jamming your best reception would be on Shortwave..." (Wilkner-FL/NASWA Yahoo Group)

Acting Chairman Njabulo Ncube of the Media Institute of Southern Africa in Zimbabwe told VOA Studio 7 reporter Ntungamili Nkomo that the new licenses are good news, but that his organization wants to see independent broadcasters issued licenses without delay. Radio and television licenses are issued by the Broadcasting Authority of Zimbabwe, which was sued recently by Community Radio Harare which asked the High Court to order the authority, which has called for license applications since 2004, to do so immediately. In the meantime the state-controlled Zimbabwe Broadcast Corporation continues to enjoy a radio and television monopoly with the exception of offshore broadcasters such as VOA's Studio 7, Shortwave Radio Africa based in the United Kingdom and the Voice of the People which is based in South Africa and broadcasts over Radio Netherlands airwaves. (VOA News via Arnaldo Slaen/DXplorer)

On 06 September 2011 the Space Weather Prediction Center ("SWPC") will discontinue the broadcast of its synoptic Geo-Alert products on the WWV and WWVH radio stations starting with the 12 UTC products. These products are operationally available via the following two other mechanisms: SWPC's Product Subscription Service at <https://pss.swpc.noaa.gov>. The WWV product can be found under the "Forecast and Summaries" section. SWPC's Web page - <http://www.swpc.noaa.gov/ftpdir/latest/www.txt>. Customer comments and questions related to the cessation of this service can be directed to SWPC by sending email to swpc.www@noaa.gov by 30 June 2011. (Horacio A. Nigro-Uruguay/DXplorer)

REST IN PEACE Clandestine DXpert Mathias Kropf passed away suddenly on April 1st. Among other things, Mathias annually compiled clandestine broadcasting hours (Clandestine Activity Survey) on shortwave to various parts of the world. In recent years he edited a Clandestine news column for the World DX Club.

Schedules, news and other information about shortwave broadcasting activity can be sent to Richard A D'Angelo, 2216 Burke 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 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

Antenna ⊙ Plan.Terra ○ ○	RIG ⊙ PEB-1000W ○ ○	<h1>ZYG-525</h1>			
To Radio : DXISTA					
Operator Samuel Barto		Country/City Bristol-CT/USA			
EMISSORA RURAL - A VOZ DO S. FRANCISCO		Prça M. Auxiliadora, 205 - centro 56300-000/ PETROLINA - PE			
G90RO - BRASIL					
QSL n.	Date	QRG (KHz)	QRT	Mode (2w)	RST
008/00	03/09/1993	4945	06:36	⊙ Z ○ Loc AM	---
QSL OPSE TNX⊙		Txn our QSO, 73. Petrolina, 20/03/2000 sig.			
<i>Atenciosamente</i>		Radio Voz do S. Francisco Petrolina - PE			

AUSTRIA: Austrian Military Radio Society
17620 This is a Special 50th Anniversary transmission via Moosbrunn f/d color folder cd. in 134 ds. and 1 IRC. Addr: Austrian Radio Military Society, HQ, Gussriegelstrasse 45, 1100 Wien, Austria (Parker-PA).

BONAIRE: Radio Japan NHK World 11935 f/d "Winter Sentries" cd. in 25 ds. for a postcard and ms. (Kivell-FL).

BRASIL: Radio Voz Missionaria 5940 8x12

QSL cd. in 3 mos. via registered mail. Also rcvd. 2 unused postage stamps of Brasil, another irregular shaped cd. w/ a flame on it, a 2 year calendar and much more. My 128th QSL from Brasil. (Field-MI).

STATION NOTES: Radio Bila Hora 3334 Email: rbh@email.com Radio Gloria International 6140 Email: radiogloria@aol.com Addr: Postfach 460143 Dresden, Germany. Radio Liberty 9485 via Nauen Addr: RFE / RL, Vinohradska 159A, CZ-100 00 Prague 10, Czech Republic. Radio 700 6005 v/s Bernd Frinken. WYFR 13660 via Nauen Addr: Family Stations, Inc., 290 Hegenberger Road, Oakland, CA 94621 Shortwave Radio 3975 via Wertachtal Addr: Postfach 8025, DE-32736 Detmold, Germany. Trans World Radio 6105 via Nauen v/s Kalman Dobos. KNR Radio 3815 v/s Mrs. Nauja Brons. Addr: KNR, P.O. Box 1007, 3900 Nuuk, Greenland. Radio Nacional Bata 5005 v/s Julian Esono Ela, Speaker for the Program "Cartas del Oyente". Addr: Radio Bata, Apartado 749, Bata,

Guinea Equatorial.... via PLAY DX..Sam.

CANADA:
Voice of Turkey
7325 via Sackville f/d cd. w/ sked. on my 3rd try. Since I heard them in 2008 I've rcvd. several

MEDIA BROADCAST confirms your reception report:		 QSL		
Name	Democratic Voice of Burma		Programme	not specified
Frequency	9490 (Wertachtal)		Time	06.08.08, 23:30 - 00:30
Date	05.12.2008		 Signed, Mr. Michael Puetz Signature	
Thank you for listening!				
Richard A. D'Angelo		2216 Burkey Drive		
Wyomissing, PA 19610		U.S.A.		

MEDIA BROADCAST GmbH, Josef-Lammerting-Allee 8 - 10, 50533 Cologne, Germany

QSL

Certificado de Sintonia

Emisora Radio Virgen de Remedios, Potosi, Bolivia

A Sr. Richard A. D'Angelo

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en

4,245.4 kHz. de fecha 12 de Noviembre de 2006

a las 23.31 a 00.10 horas de UTC con

 vatios de potencia.



[Signature]
Firma y sello oficial

elo-PA). Xinjiang People's Broadcasting Station 4980 f/d cd. in CH in 1 mo. for a taped rpt. and \$2.00 (Smith-MA).

DENMARK (Euro Pirate): Radio Spaceshuttle 5815 via World Music Radio at

* Karup beautiful QSL cd. w/ Spacebabe with gigantic tuning knobs in 3 years and 3 months w/ no f/up rpts. (Lobdell-MA)...It was very nice seeing you and your lovely wife at the Winterfest. It brought back some great memories. I've got some great group photos of you and your

wife at Kap's. Do you want me to send you some color copies?...Sam.

DIEGO GARCIA: Armed Forces Radio and Tele-

vision Service 4319 f/d color cd. in 31 ds. for ms. Addr: Armed Forces Network Broadcast Center, 23755 Z Street, Bldg. 2730, Riverside, CA 92518 (Par-ker-TN). The station verified my email

QSL

Verification Card

Station Radio Logos, Santa Cruz, Bolivia

To Richard A. D'Angelo

This is to confirm your reception of our transmission dated

29 January 2007 23.50 to 01.09 hours UTC on a

frequency of 4,865 kHz with 1,000 watts.

[Signature]
Signature & Official Seal

STATION NOTES: Radio Free Asia 9555 via

Dhabbaya Addr: Radio Free Asia, 2025

Main Street NW, Washington DC 20036

Radiodiffusion Television Algerienne

11810 via Woofferton Addr: 21 Boule-

vard des Martyrs, Alger, Algeria. Deut-

sche Welle 15460 via UK Addr: Deutsche

Welle, Customer Service, D-53110 Bonn,

Germany...Station has issued a fairly new pennant. Deutsche Welle

9425 via WHRI same address as above. Financial Survival 2000 7415

via WBCQ Addr: WBCQ, The Planet, 274 Britton Rd., Monticello, ME

04760 KCNZ 1650 v/s Miss Janelle Rench, Office Manager. Addr: 721

Shirley Street, P.O. Box 248, Cedar Falls, IA 50613-0768 Email:

Janelle@1650thefan.com ...via PLAY DX...Sam.

rpt. w/ a f/d cd. in 13 ds. (D'Angelo-PA).

ENGLAND: Radio Sohl 15265 via Rampisham f/d signed and stamped cd. for

* a rpt. sent to the BBC. (Field-MI). BBC 17790 via Skelton f/d cd.

for a rpt. sent to the BBC. (Field-MI).

GERMANY: Bible Voice Broadcast-

ing 11955 for a report of

Radio Sadaye Zindagi via

Wertachtal f/d "Reaching

Nations One Person at a Time"

map cd. in 30 ds. (D'Angelo-

PA). Radio Sadaye Zindagi

QSLed my email rpt. in 2 ds.

Heather Paterson thanked Wal-

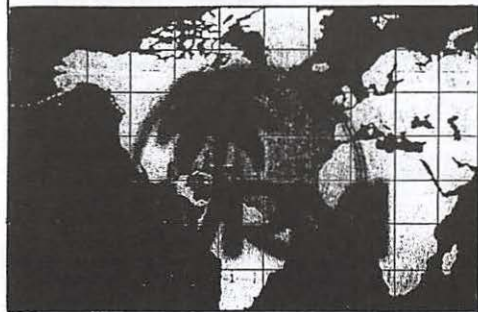
ter Brodowsky for forwarding

my rpt. She indicated that

the broadcaster is trying to

get monitor reports - then

they will decide if they will



Mr. Henry Weissborn
11214 Cliffwood Dr.
Houston, TX 77035-6010
USA

Dear Henry,

thank you for your report about EDXC European Report via HCJB (15115 kHz, 1230 UTC, 30th August 2003) which hereby confirm as exact.

The EDXC has been co-operating with DX Partyline for many years and both my predecessors Michael Murray and Risto Vahakainu produced the European Report as I've been doing since February 2001.

I confirm that last month we had a contact with the Spanish section at HCJB for a monthly European Report in Spanish. It will be produced by our Member Club AER (Asociacion Española de Radioescucha) in Madrid and aired by HCJB's programme "Aventura DX". At the moment I'm not able to give exact timing but I suppose October will be the right month. The programme should follow the same format we're using in English with 5 minutes dx news from Europe. AER and HCJB are keeping in touch to launch the programme.

Best 73s and good listening from Italy,

continue to broadcast on shortwave.
(D'Angelo-PA)
Adventist World Radio
9845 via **Weltachtal f/d**
picture post-cd. of 2 women listening to a portable shortwave radio in 112 ds. v/s Adrian M. Peterson, DX Editor, who also included a 2011 pocket

STATION NOTES: **Radio Nederland** 12065 via **Tinian** Addr: P.O. Box 222, NL-1200 JG Hilversum, Netherlands **Atlantic Radio** 6960 Email: stu dio@atlanticradio.ie v/s Stephen His Email: stephen@atlanticradio.ie **Radio Bila Hora** 3333 Email: rbh@email.cz **Radio Casablanca World Service** 9290 via **Riga-Wlbroka** Addr: Alwin Borchers, Ringstrasse 9, Stapelmoor, DE-26826 Weener Ems, Germany. **Radio Joystick** 6005 via **Radio 700 Kall Krekal** Addr: Postfach 23 31, DE-55512 Bad Kreuznach, Germany v/s Charlie Prince **Radio Marconi** 6245 Email: radiomarconi@msn.com **Radio Rasant** 9510 via **Rimawska Sobota** Email: info@radiorasant.org **Radio Saxonia** 6290 Addr: SRS Germany Saxonia, Postfach 101145, DE-99801 Eisennach, Germany v/s Augustus Rex...via PLAY DX..Sam.

RÁDIO MOÇAMBIQUE

Caixa Postal (P. O. Box) 584
MAPUTO
MOÇAMBIQUE

Temos o prazer de confirmar
We have pleasure to confirm
a informação de escuta do dia
your report on reception of

from 04.30 to 04.36 (GMT)
na frequência de
Frequency 4755 KHz

Potência do Emissor: 25 kw.
Transmitter power:

Observações: we thank you for
Remarks: your report of the Beira
Station.

Mr. Samuel L. Barto

245 Cherry Avenue

Apt. J - 11

WATERTOWN, CONN.

U.S.A. 06795

calendar w/ the QSL. (D'Angelo-PA).

GUAM: KSDA 11865 via **Agat f/d** "Adventist

World Radio - The Voice of Hope" cd. w/

an AWR KSDA3 Stamp, in 24 ds. for a rpt.

address in Batam, Indonesia. I enclosed a local postcard and \$2.00.

v/s Adrian Peterson.
(Kivell-FL).

GUATEMALA: Radio Verdad

4052 the station verified my email rpt. w/ a f/d cd. indicating 50 watts in 125 ds. v/s Dr. Edgar Amilcar Madrid, Gerente, who also crammed into the reply a 2011 calendar, station sticker, some bible literature, a brief note and a beautiful station pennant. (D'Angelo-PA). 4050 f/d "Radio Verdad Microphone" cd. in 29 ds. for ms. and \$3.00 and

VERIFICATION CARD

Thank you very much for your reception report on our broadcast.

The information given is in accordance with our schedule.

We hope you will continue to enjoy our programmes and send us your thoughts about them.

受信報告ありがとうございます。内容はラジオ日本の放送と合致しております。これからも番組についてのご感想をお寄せください。

NHK WORLD RADIO JAPAN

NHK TOKYO 150-8001, JAPAN

夏期特別 (3日連続放送)
A Grand Summer Night Spectacle
(Kumano City, Mie Prefecture)

Mr. Scott R Barbour Jr.

We are pleased to confirm that the station you heard is Radio Japan. The details are as follows:

Date: March 26, 2003
Time: 21:11-22:36(UTC)
Frequency: 5970kHz
Transmitter Site: UAE
Service: General in Japanese
Reception Location: Intervale U.S.A.

T. Sato
T.Sato

hi there richard

very nice that you receive my signal its real awesome its the first time that we meet on the airwaves, and its a great pleasure to have a new listener in the usa i got loads of reports coming from the usa today it was good working on that freq

i can confirm youre report only when you write to my p.o. box sorry but thats how it works , its for free ofcourse but maybe you got a nice photocards for me from youre city thats my collectors item for the studio when i got your reception report i send you back 3 qsl cards and a 3 pages info sheet from my station

wel all the best to you and youre family

greetings rimus

cupidradio
p.o. box 9
8096 ZG
Oldebroek
Netherlands



Al-Riman f/d "RFE/RL HQ" cd. in 31 ds. for a rpt. sent to the Czech Republic address. Also inclosed a local postcard, ms. and \$2.00. (Kivell-FL).

STATION NOTES: Bhutan Broadcasting System 6035 Email: bbs@bbs.com.bt Reply is from: ngawangdorj123@gmail.com v/s Ngawang Dorji, BBS Trans-mission Head. You can also use: v/s Sherub Tharchen w/ Email: sherubt@bbs.com.bt CJRS Radio Shalom 1650 v/s Robert Levy and Michel Mathieu (VE2MM). Addr: 4835 Chemin de la Cote Ste. Catherine, Suite 2, Montreal PQ H3W 1M4, Canada Email: technique@radio-shalom.ca WEB: www.radio-shalom.ca Radio Canada International 15235 via Sackville v/s Bill Westenhaver Radio Praha 6000 via Sackville WEB: radio.cz/es/report Radio Barretina 6312.1 Email: radiobarretina@hotmail.com ...via Play DX...Sam.

NIGERIA: Voice of Nigeria 15120 f/d "Voice of Nigeria Zuma Rock, Abuja" cd. in 84 ds. for \$3.00, local postcard. I also rcvcd. a VON newsletter issued No. 1 April-June 2006. (Kivell-FL).



POLSKIE RADIO



POLSKIE RADIO
DLA ZAGRANICY

"Brodowsky, Walter"
<Walter.Brodowsky@t-systems.com>
01/26/2007 03:58 AM

To: <rdangelo@firstenergycorp.com>
cc: <Rdangelo3@aol.com>

Subject: RE: Reception Report: External Service of Polish Radio via T-Systems facilities at Nauen, Germany

Dear Sir,

Thank you very much for your kind reception report which we confirm and which is attached to this email. You did listen to a transmission of Polskie Radio dla Zagranicy which was broadcasted towards UK and WEUR by using a 100 kW transmitter from Short-wave Radio Station Wetzschdorf. It is amazing that you were able to receive the signal in a fair quality.

Your reception report is highly appreciated and we forwarded it to our Customer, too. We would like to thank you for your efforts in this matter.

Your future reception reports also would be highly appreciated. Please feel free to send them to us and we will forward them to our Customers, too. Please take note about the address changes in the footprint of this email and please cancel Mr. Ralf Weyl out of your email account: Ralf Weyl is no longer part of our team.

With kindest regards

Yours sincerely

Walter Brodowsky

T-Systems Business Services
Media&Broadcast
Business Unit Broadcasting
Account & Product Manager for shortwave broadcast

a postcard. I also rcvcd. a station form ltr., calendar, station sticker, high quality station pennant and a personal note. They stated that they were using 210 watts. (Kivell-FL).

IRELAND (Euro Pirate): Atlan-tic Radio 6960 date and frequency Map cd. in 6 mos. and 2 wks. after a f/up rpt. Power is 70 watts. The station is supposedly operating from a small island off the west coast of Ireland. Email: stephen@atlanticradio.ie (Lobdell-MA).

KUWAIT: Radio Free Europe / Radio Liberty 5885 via Umm

POHNPEI (Federated States of Micronesia): V6MP The Cross Radio 4755.4 the station verified my email rpt. in 1 hr. v/s Sylvia Kalau, Station Manager, notes the 24/7 operation of the station. In a separate email exchange, she notes that they actually operate 8:30 to 9:30 p.m. local time referring to the "mis-information" in the original correspondence. (D'Angelo-PA)

SAIPAN: Voice of America 9705 p/d "A Serbian language editor checks the Ipod" cd. in 27 ds. Also rcvcd. a station calendar, program guide and a VOA questionnaire. (Wilkins-MO).

SOUTH AFRICA: Radio Sonder Gr-ense 3320 via Meyerton f/d ltr. via SENTECH in 41 ds. for ms., \$2.00 and a local postcard. The station noted that the transmitter is a 100 KW Thomson. (Kivell-FL).



DIRECTORATE GENERAL
ALL INDIA RADIO
 A.V. Bhavan, Sansad Marg
 New Delhi - 110001, INDIA

No. 311/2005-Elm/1115 Dated 28-4-2005

Dear Sir/Madam,

We gratefully acknowledge and confirm your Reception Report.

Date: 5-2-2005 Frequency 15.935 MHz

Time 11:15 To Station PANAJI
 1130 UTC

Yours faithfully

(Y. K. SHARMA)
 Director (Spectrum Management & Supervision)
 E-mail spectrum-manager@air.org.in

Archival copy retained ARCHIOLOGICAL SURVEY OF INDIA

76
 SHRI SAMUEL BARTO
 78 BLAKEMAN ROAD
 THOMASTON CT
 06787
 U.S.A

SWAZILAND: Trans World Radio 4775 via Manzini f/d "TWR-Africa Tower: cd. which looks homemade for a rpt. sent to the South Africa address. Also rcvd. an out-dated program schedule and a religious booklet. This was for ms., \$3.00 and a local postcard. (Kivell-FL).

TAIWAN: RadioTaiwan International 11635 via Paochung f/d "Chih-kan Tower" cd. in 23

ds. Also rcvd. reception report forms, Cherry Blossoms in Alishan post card, a six pack of children designed 100 year ROC celebration cards (really cool), EG language newsletter and a program schedule. (Kivell-FL). Ed Nawrocki says that he sent a report to Radio Taiwan and all he got back was a program schedule and a blank card. He asks if this classifies as a QSL. My answer is why not? They did respond to your report. My guess is that station personal forgot to fill in the data...Sam.

THAILAND: Voice of America 7255 via Udonthani the station ver-

STATION NOTES: Radio Canada International 11870 via Nauen v/s Bill Westenhaven, QSL Manager RCI. WEB: www.rcinet.ca/ Email: www.rcinet.ca/rci/en/rapport.shtml. Addr:



IN THE NAME OF GOD
 Verification Of Reception Report

Q.S.L

No: 1

Dear: Scott R. Barbour

This is to officially confirm your reception of the voice of the Islamic Republic of Iran

Date	U.T.C		M.	SW	M.	MW
	From	To		Freq		Freq
12 Feb 2002	19:30	20:30		4590		

Thank you for listening to the English program of the voice of the Islamic Republic of Iran
 Tune in again & keep in touch!

Islamic Republic of Iran Broadcasting
 Add: Vail-e asr Ave., Jame Jam St., P.O.BOX19395-6767 Tehran-Iran

100 Boulevard Rene Levesque Est, Montreal, PQ H2L 2M2, Canada. **Radio Gloria International** 5965 Addr: Postfach 460143, DE-01246 Dresden, Germany. Email: radiogloria@aol.com. **Radio Nederland** 15525 via **Talata-Volondry** Email: letters@mw.nl Addr: Radio Nederland, Wereldomroep, Postbus 222, NL-1200 JG Hilversom, Nederlands. v/s Rahamefy Eddy (5R8PT) at the Malagasy site. Addr: P.O. Box 404, Antanarivo 101, Malagasy Republic... via PLAY DX...Sam.

ified my email rpt. in 30 ds. w/ a f/d postal reply sent to the International

QSL



Broadcasting Bureau
 P.O. Box 99 A, Muang, Udonthani 41000, Thailand. (D'Angelo-PA). **Radio Mashaal** 9360 via

Ree

Radio Exterior de España

La radio española que se escucha en todo el mundo

Udonthani f/d postal reply in 31 ds. for a rpt. sent to the above address. (D'Angelo-PA).
TURKEY: Voice of Turkey 5975 f/d cd. w/ program schedule in 1-mo. (Field-MI).

USA: Deutsche Welle 15640 via **WHRI** f/d "20 years of German Unity" cd. in 23 ds. for a report sent directly to the Bonn address. (Kivell-FL).

USA (Pirates): Operation Neptune Short wave 6925 email "D - Day Montage" in about 30 minutes for a report to FRN. (Kivell-FL). **Radio Free North** 6925 f/d "Northern Lights" cd. via email in 1 day. v/s Peter North. (Lobdell-MA). **Radio Casablanca** 6940 f/d "Bogart" cd. via email in

6 hours (Lobdell-MA). **Radio Ga Ga** 6930 p/d email QSL "Antenna and Gas Mask" cd. in 2 ds. for an email rpt. and a logging in FRN. (Kivell-FL). **WBNY** 6950 "Bunny and Kracker 2012 Campaign" cd. in 40 ds. for a report sent to the Belfast, NY drop box. (Kivell-FL). **WBNY Relay Service** 6925 This QSL was for the "Pirates Week Relays". f/d "Headphones Official Confirmation" cd. in 50 ds. for a report sent to the Belfast mail drop. Also rcvd. refrigerator magnet, business card, calendar and a station sticker. (Kivell-FL).

UZBEKISTAN: Radio Japan NHK World 9720 via **Tashkent** the station verified w/ a n/d electronic response English / Bengali language for a report for a Bengali Service transmission in 5 ds. (D'Angelo-PA).

STATION NOTES: Shiokaze 6015 Email: chosakai@circus.ocn.ne.jp WEB: www.chosa-kai.jp/indexeng.htm Addr: 2-3-8-401 Koraku Bunkyo Ward, Tokyo 112-0004 Japan. **Voice of Kurdistan** 6335 v/s Alex Atroushi. Email: party@kdp.se **Voice of the People** 11610 Email: voxpopzim@yahoo.co.uk

WEB: www.radiovop.com v/s John Masuku **Voice of Tibet** 17875 via **Dushanbe / Yanguil** Addr: Voice of Tibet, Narthang Building, Gangche, Kyis-hong, Dharamsaia, 176 215 H. P., India ...via PLAY DX.

WRV RADIO VIRUS

The Station Nobody Wants To Catch

TO: Richard A. D'Angelo
DATE: 10/14/95
UTC: 2234 TO 2237
FREQ: 6955 kHz LSB

Not too bad of a QSL Column this month. We had a full 6 pages. Thanks to everyone for your contributions..Sam.

Until next time, best of DXing and QSLing. Make sure to send in your contributions...Sam.

Q S L

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



NAAM / NOM / NAME: Scott R. Boulton Jr

12/01/04

14/10/04

11:49 UTC

11:35 UTC

9945 kHz

9945 kHz

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 BARBOUR, Intervale, NH	NRD545, MLB-1, 200' Beverages, 60m dipole
Mark COADY, Peterborough, ONT	Eton E-1, G5RV
Wendel CRAIGHEAD, Prairie Village, KS	Drake SPR4, Sloper
Rich D'ANGELO, Wyomissing, PA	TenTec RX340, DX Sloper
Jerry ERVINE, Hidalgo, TX	R-75, 2010, AOR LSA 380 loop
Jim EVANS, Germantown, TN	RX340, R8B,E1, ICF -SW7600G, 90' attic wire
Marlin FIELD, Hillsdale, MI	NRD535D, long wire
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100S 2m LW
S. HANDLER, IL	Yaesu FT-897D, dipole, 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
Ralph PERRY, Wheaton, IL	R8B, E1, SX100, 150' & 100' LW
Harold SELLERS, Vernon, BC	E-1 and Sony AN-1 antenna
Mark TAYLOR, Madison, WI	g313e, E1, Sat 800, Flexenna, EWE
Gilbert TORBECK, Centennial, CO	no equipment listed
Ed WLODARSKI, NJ	RX340, 100' lw
Jim YOUNG, Wrightwood, CA	no equipment listed



2000-5900 kHz

Tropical Band Loggings

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

- 2279.87HDOMINICAN REPUBLIC R. *Anacaona* 0215-0431* 2 x 1140v; SS romantic ballads & talk; IDs; some US pop ballads by Kenny Rogers, Donna Summer & others; poor in noisy condx; fair on peaks; 3/26. (Alexander-PA) 2279.9H 0223 Mx & talk; significantly on the low side of 2280 compared to 1280; 0229 a little stronger but modulation is somewhat distorted during talk; mx is also undermodulated & distorted; no doubt it's the second harmonic of 1140, R. Anacaona, as previously IDed; also a slight het from weaker 2280.0; perhaps another harmonic; I first looked for HIRA a couple hours earlier; but not above the noise lvl then; 3/20. (Hauser-OK) 2280.03H 1000 Clear ID as Radio Anacaona at t/in; 3/12. (Wilkner-FL)
- 2310 AUSTRALIA *VLBA* Alice Springs 1155 Pop mx; p-f in lcl noise; //2485-weaker; //2310-not audible; 3/18. (Strawman-IA) 0920-0940 M ancr in EE w/ mx prg; live sports prg; fair; 3/19 & 26. (Wlodarski-NJ)
- 2368 AUSTRALIA R. *Symban* 0944-1140 M ancr in Greek between brief musical interludes; p-f; above the noise floor; 3/11 & 26. (Wlodarski-NJ)
- 2390 USA *WWRB* Morrison 2390 0443 World of Radio 1555 monitoring; 3/11. (Hauser-OK) 0055 V. good sig; but inside noise envelope extending +/- 20 kHz; also modulation spikes as far as 2250-2520 or so; same situation at 0225 recheck; altho this crackling is centered on 2390, I had a hard time matching it to modulation peaks on 2390 itself; so not positive WWRB was responsible; at 0231 was the mid-break of "Mike Gibson's Bluegrass Gospel Hour" from Hueytown AL; 3/20. (Hauser-OK) 0355-0400 Eel relg prgrmg that ended curiously: the sound associated w/ a disconnected telephone call; recorded woman's voice saying "If you'd like to make a call,

- please hang up and call again."; good; 3/23. (Perry-CA) 0330 World of Radio 1557 monitoring: confirmed on WWRB; exc. sig; checked at 0358 before ending & this week also // weaker 5050; unlike last week; 4/1. (Hauser-OK)
- 2485 **AUSTRALIA VL8K** Katherine 1102-1110 EE prg re child care; good over QRN; //2310-good; //2325-absent yesterday and today; 3/20. (Wlodarski-NJ)
- 2850 **NORTH KOREA KCBS** Pyongyang 1230 M & W ancrs w/ KK discussion or rpts; fair; not heard on normal //3250; 4/6. (Sellers-BC)
- 2979.99**HCOLOMBIA R. Vida Nueva** Barranquilla 1000-1015 Frequent IDs; 3/16. (Wilknor-FL)
- 3185 **USA WWRB** Morrison 1122-1132 Mx & prayers that were not understandable; 1132 re-check w/ Brother Stair & Overcomer prg; exc.; 3/21, 22 & 31. (Handler-IL)
- 3195 **USA WWRB** Morrison 0238 Once again following in the footsteps of WWCR, WWRB has started testing on 3195; WWCR has said they will keep testing it only for one more week, 2200-0100 UT; checked 3195 at 0238; roughly equivalent sig to WWRB 3185 & WWCR 3215; which starts at 0100, taking over from WWRB, and moving from 3195; running promo barker on 3195 but modulation lower than 3185; WWRB also on 2390 & 5050; latter also w/ promo loop; so all four txmitters are active; [date?-ed.].(Hauser-OK)
- 3199.93 **SWAZILAND TWR** Manzini 0442 Relg discussion w/ Bible passages by M ancr in EE; 'Sermon on the Mount' ment. at 0449; ancments; closing mx to 0500; full ID in EE then 0501*; //4775.00; weak at s/off; there is also an O/C on 3199.50, 24/7!; 3/24. (Young-CA)
- 3205rf **PNG R. Sandaun-R. West Sepik** Vanimo 1026-1058 Impassioned Christian sermon in EE by a lcl preacher w/ "The nation of Papua New Guinea needs to rally"; ID "This is Radio Sandaun"; a lot of relg songs; still on at t'out of 1217; has been almost two years since I last heard this one!; 4/10. (Howard-CA)[excellent catch! Last rpted in 08/09 per DBS-13!-ed.]
- 3215 **USA WWRB** Morrison 0145 Loop offering air time at \$65 per hr; 30 minute prg; \$33; 3/2. (Montgomery-PA)[check is in the mail-ed.]
- 3249 **HONDURAS Luz y Vida** San Luis 0340-0350 M ancr in SS w/ faint vcl mx & talk; poor; 3/26. (Wood-TN) 3250 0221 Slow, SS ballad & M ancr w/ inspirational talk; poor; 4/3. (Coady-ONT) 3250.04 1249 (P); Ongoing cments by W ancr; fair lvl on peaks; 3/16. (Strawman-IA)
- 3260 **PNG R. Madang** Madang 1045-1055 Lcl mx; M ancr in Tok Pisin at 1047 w/ ad & lcl ancments; sports nx; fair but atmospheric QRN making copy difficult this morning; 3/27. (Wlodarski-NJ) 1151 (P); Some mx; one of the better NBC sigs along w/ 3275, 3290, 3365 & 3385; 1158 ancment but back to mx past 1201 as it is weakening to v. poor; 4/7. (Hauser-OK)
- 3275 **PNG-NEW GUINEA TERRITORY R. Southern Highlands** Mendi 1028-1100 Barely audible this morning; M ancr in Tok Pisin w/ lcl ancments; ballads & country mx; p-f; 3/19 & 27. (Wlodarski-NJ)
- 3280 **ECUADOR LV del Napo** Tena 0957-1100 Ballad type song over W ancr in SS; M ancr w/ song title w/ W ancr still speaking underneath; either there are two stns on freq or stn has two audio feeds; prayer svc; ID's & TC's; good; 3/8, 19, 26 & 4/3. (Wlodarski-NJ)
- 3289.98 **GUYANA GBC** Georgetown 0754 Continues to have phenomenal recepex w/ BBCWS relay in EE; 0800 pips; "It is 4 hours in Guyana "; NA; "Good morning everyone. This is the V-O-G, the Voice of Guyana [V.O.G.], of the National Communications Network [NCN] Inc., beginning its transmission of local programming for today, Wednesday, March 16, 20-11. The NCN Inc. has its studios at Broadcasting House on Church Avenue, Georgetown. V.O.G. transmits on 560 kHz. on the MW band, 104.5 MHz. on the FM band and 3.290 MHz. on the 90 meter band. Transmitters in the Linden area transmit on 700 kHz. on the MW band and 106.5 MHz. on the FM band. V.O.G. is on the air 24 hours daily, except in cases of maintenance operations. The time is 4 hours 4 and your announcer is Colin Charles. A very good morning to you and welcome to Inspiration Time on the V-O-G, the V.O.G."; 3/16. (Howard-CA) 0150-0225 Very laid back M ancr w/ EE ancments; mix of slinky guitar 1950s instrumentals; ballads; lcl ads; 0204 "Here's a song by Marty Robbins!"; into a couple old tunes; the second recognized as "El Paso " by MR; decent power at peaks; top of the fade cycle but a very muffled, undermodulated sig & v. high lcl QRN floor; believe they may have indeed recently made some txmitter adjustments as lots of us now seem to be hearing this one; a fun log; fairly good sig; first time heard GBC during my lcl evening in a long time; 3/18. (Perry-IL) 0721 Numerous carriers at various freqs dropping short txmissions all across the 120m band!!; these were strong & lasted 2 seconds each from t/in; M & W ancrs w/ lengthy discussion from the BBC; severe QRM from these constant carriers; discussion re Libyan conflict at 0732; QRM still here at 0743; missed ToH into relg mx; M ancr w/ "This is the VOG, The Voice of Guyana" at 0803; second carrier under VOG w/ a slow SAH (2-4 hertz) after 0800; SAH still here at 0912, but stronger; could this be R. Central Boroko-PNG?; other PNG stns on 3260, 3275, 3325, 3365 & 3385 f-g; 3/24. (Young-CA) 3290 0718-1005 In EE w/ ballad type song; SC mx; ID & nx cmntary; cricket match coverage; f-exc.; 3/7, 19, 26 & 4/2, 9.(Wlodarski-NJ) 0205-0220 Advert at 0206; 70s pop mx; fairly nice copy w/ low noise lvl; 3/11. (Montgomery-PA) 0245-0420 Mostly continuous lcl mx until 0400; BBC nx at 0401 fol-

- lowed by BBCWS prgming re Japan's earthquake; surprisingly good; 3/12. (Alexander-PA) 0634 (P); I manage to hear a bit of talk in EE somewhat separable from the ute carrier on low side; could have been BBC relay; sounded similar to what was on 5875; but either not // or too far out of synch to match; 3/12. (Hauser-OK) 0315 Continuous pop mx; including "Be Happy" by Bobby McFerrin; best lvl ever heard; held up well to 0400 t/out; 3/14. (Strawman-IA) 0638 BBC prgming including BBC nx at 0700 & 0730; 0800 VoG s/on w/ TC & choir singing NA; 0803 "This is the V-O-G, the Voice of Guyana."; ment. the National Communications Corporation; AM/FM/SW freqs; 24 hours a day; 0805 "Inspiration Time" Christian relg message; useles on 3290 but good when listened to on 3292; 3/15. (Sellers-BC) 0930-1014 Sports; (P) cricket as speculated by C. Bolland; SC mx; 3/14 & 18. (Wilkner-FL) 0234 For once w/ no carrier QRM/het on the low side; DJ taking call-ins from three or four listeners, presumably nearby, rptng "loud and clear"; this could be a good time for DXers from abroad to phone in & surprise them; if only we knew the number; f/up bits of mx between calls which I find quite disrespectful to the mx & those who made it; 0236 a bit of a Hindi song & 0239 more S Asian mx w/ percussion; tambourine & singing; 3/20. (Hauser-OK) 0833 AA mx; Qur'an chant; returned at 0856: M ancr in EE; steel drums; banter; 3+1 pips; "It's 5 in the morning and the sun is coming up. This is the Voice of Guyana." into lcl nx; 3/18. (Taylor-WI) 0930-1006 Was off for 24 hours; per J. Herkimer tip; back w/ M ancr & cricket talk re W. Indies loss to Pakistan; minister w/ relg message; 3/23 & 28. (Wilkner-FL) 0850 Tune "From a Distance" then reggae mx; M ancr w/ "This is Voice of Guyana" at 0858 & a string of ads; weak but audible; 4/2. (Coady-ONT) 0700 BBC prgming w/ pips; ID; prg preview & nx; poor; 4/8. (Sellers-BC) 3291 0351-0410 Nice prg of EE country mx w/ Willie Nelson, Patsy Cline & Reba McEntyre; pips at ToH into BBCWS nx; fair; 3/26. (Wood-TN)
- 3310 **BOLIVIA R. Mosoj Chaski** Cochabamba 0830-1020 Lcl & relg mx; M & W ancr in Quecha w/ relg talk; ID; noisy band condx; p-f; 3/8, 20, 27 & 4/2, 9. (Wlodarski-NJ) 0143-0201* M & W ancrs w/ mx & talk between selexs; (P) s/off ancments over mx at 0158; suddenly off at 0200 & carrier cut one minute later; poor-weak in ECCS-USB; 3/23. (Barbour-NH)
- 3320 **SOUTH AFRICA R. Sondergreense** Meyerton 0214 EZL mx & M ancr w/ banter; weak & noisy; 4/3. (Coady-ONT) 0019-0025 Pop mx; W ancr in Afrikaans w/ song titles & listener requests; M ancr at 0023 w/ ID; fair; just above static crashes tonight; 4/10. (Wlodarski-NJ)
- 3325 **INDONESIA-KALIMANTAN RRI Palangkaraya** 1243-1318 (P); Weak sig still audible here; 4750 Makassar too; M & W ancrs in Indo; good; 3/8 & 18. (Hauser-OK) 1159 SCI; relay of the Jakarta nx; 1227 national song; 1229 lcl ID; fair; nx & national song // RRI Ternate-3344.96, RRI Wamena-4869.96 & RRI Jakarta-9680; 3/21. (Howard-CA) 1223 T/in sound like //3345; same talk & mx; but as I bring up second receiver on weaker antenna, at 1225 they are not //; maybe just having split apart; 3/24. (Hauser-OK)
- 3340 **HONDURAS HRMI** Comayaguela 0733-1055 Typical M preacher in EE & W w/ SS translation; fair; 3/11 & 4/2. (Wlodarski-NJ) 0412-0418 M preaching in EE w/ phrase-by-phrase SS translation by W ancr; 3/26. (Wood-TN)
- 3344.96 **INDONESIA RRI** Ternate 1459-1501* ID & Love Ambon; fair; 3/9. (Howard-CA) 3344.97 0940 Weak at t/in w/ vcl chant; M ancr into more chanting at 0944; drum mx & singing at 0952 thru ToH w/ no break; more chanting noted at 1123; quite strong now; 3/24. (Young-CA) 1330-1403 Exc. prg of the "Bali International English Club" in EE; sked for Thursday from 1300-400; two M ancrs chatting re history of North Maluku (aka Moluccas); reading messages sent in by listeners; on air calls; numerous ments. of "North Maluku"; almost fair; 1408 back to Bahasa Indo after some mx; Kenny G, etc.; v. entertaining!; a 10 minute audio of this interesting show at <<http://www.box.net/shared/43112tum1h>>; 3/31 & 4/7. (Howard-CA) 3344.99 1213 M & W ancrs alternating w/ (P) nx; at same time 3325 Palangkaraya was threshold lvl; decent carrier but weak audio modulation; 3385 Kupang was at a lvl in between; f-g; 3/25. (Strawman-IA) 3345 1245 Circa-sunrise 90m check; soft Indo talk from RRI Ternate; 3325 usual harder talk in phone-in show from Palangkaraya; 1248, 4750 Indo talk into produced ad; as usual w/ second weaker carrier, China, China, or Bangladesh; also numerous weak carriers; some w/ a bit of audio on 60m freqs matching India, China & Malaysia; 3/22. (Hauser-OK)
- 3350 **COSTA RICA REE** Cariari de Pococi 0226 SS interview of a musician & playing some of his works; good; //6055; 4/3. (Coady-ONT)
- 3355 **BRAZIL R. Difusora** Acreana 0935-1030 M ancr in PP; f/out; 3/14 & 23. (Wilkner-FL) 1000-1010 Prg of ballad type mx; p-f w/ some ute QRM at times; 3/19. (Wlodarski-NJ)
- 3365 **BRAZIL R. Cultura** Araraquara 0119-0125 M ancr in PP w/ long cmntary; fair; 4/9. (Wlodarski-NJ)
- 3365 **PNG R. Milne Bay** Alotau 1035-1045 M W ancrs in Tok Pisin w/ lcl nx & ancments; lcl mx at 1039; poor; 3/26. (Wlodarski-NJ)

- 3375 **BRAZIL R. Municipal** Cachoeria 0917-0920 Ballad type mx; poor; 4/9. (Wlodarski-NJ) 3375.3
1015-1020 Ballad type mx; ID at 1017 by M ancr in PP; good; 3/19. (Wlodarski-NJ) 3375.4
0917-0940 M ancr w/ ads into pop mx at 0920; ID; fair; 3/26 & 4/2. (Wlodarski-NJ)
- 3385 **PNG-NEW BRITAIN R. East New Britain** Rabaul 0956-1050 Male ancr in Tok Pisin w/ lcl nx
items & ancments; pop mx; 1048 commercial followed by ID; f-g sig strength but CODAR makes
copy difficult; 3/7 & 26. (Wlodarski-NJ) 1125 (P): Best PNG in the 90m this day w/ others only
showing carriers; 1125 M ancr in Tok Pisin w/ prg of non-descript instrumental mx; horrendous
QRN lvl making listening difficult; 3/26. (Perry-IL)
- 3810L **ECUADOR HD2IOA** Guayaquil 0640 SS timesigs every ten seconds; in the clear w/ no QRhM at
the moment; ancment is "Al oir el tono, será la una hora, 40 minutos, 40 segundos" for example
& still quite accurate compared to WWV; many nights is not audible & I continue to wonder if
they are only sporadically on air; 3/12. (Hauser-OK)
- 3900.01 **CHINA PBS** Hulun Buir Hailar 1112-1331 (P); W ancr in CC 1122; still going at 1154; M ancr at
1208; vcls & mx at 1225; buried by 'ham' QRM; more W ancr at 1331; v. weak; 3/24. (Young-CA)
- 3925 **JAPAN R. Nikkei** Tokyo-Nagara 1127-1136 M & W ancns in JJ w/ light banter; (P) ID over mx
at BoH; classical mx intro & more banter; fair; 3/6. (Barbour-NH) 1053-1105 JJ radio drama;
good; 3/7. (Wlodarski-NJ) 1251 Classical piano mx; M ancr w/ extended talk; p-f w/ ham radio
splatter; 3/16 & 25. (Strawman-IA)
- 3945 **VANUATU R. Vanuatu** Port Vila 1110-1127 (P); W ancr in Tok Pisin & mx bits; ancment of sorts
over mx at 1114 & horn/conch shell blast; W ancr at 1115 into anthem; dead air at 1118; back
at 1121 w/ island mx; abruptly lost under band noise at 1127; poor in ECCS-LSB w/ no sign of
the perpetual ham net on 3947L; maybe they sleep in Sunday mornings?; 3/6. (Barbour-NH)
1210 Island mx; 1212 ID & NA until 1213*; a false s/off?; open carrier/dead air; *1217-1225*
suddenly the audio came back on again w/ island songs until txmitter off at 1225; 3/10.
(Howard-CA)
- 3970.57 **NORTH KOREA KCBS** Wonsan 1100-1400 Noted daily, but weak & 'ham' QRM usually severe;
never can get enough to ID lang; better audio at 1326 w/ drama & vcls; //2850.03-Pyongyang,
3219.93-Hamhung & 3959.02 Kanggye; 3/24. (Young-CA)
- 3974 **NORTH KOREA** 1247 The center of mostly motorboating noise; over some talk in unID lang; R.
Howard says this is typical of KCBS Pyongyang 3975v; not RRI Pontianak 3976; 3/18. (Hauser-
OK)[see UNID. below-ed.]
- 3974v **UNIDENTIFIED** 1307 Some mx mixed w/ heavy motorboating noise; apparent malfunctioning
txmitter rather than jamming; 3976 RRI Pontianak ??; stronger than & separate from the usual
N. Korean jamming on 3985; but this could also emanate from N. Korea Wonsan-3970; 1310 ancment
on 3974 but could not copy anything of it; 1317 again some mx audible; 3/8. (Hauser-OK)
- 3984.99 **CROATIA Hrvatski Radio** Deanovec 2038-2109 Non-stop lcl pops until 2059:49; W ancment & ID
as Glas Hrvatska (Voice of Croatia); pips at ToH & brief ancment w/ ID Hrvatski Radio (Croatian
Radio); mx break into nx w/ correspondents; wx rpt; ancments & ID at 2105; cultural talk prg
by same W; best heard in SSB w/ lite, fast QSB; exc. lcl audio; 04/08. (Serra-Italy) 3985 0210
Lcl pop & folk mx; //7375; poor; 4/3. (Coady-ONT)
- 3990 **CHINA PBS** Xinjiang Urumqi 1220 Ethnic mx; listed Uighur svc w/ a few ancments followed by
pop style mx; p-f; 3/25. (Strawman-IA)
- 3995 **INDONESIA RRI** Kendari 1307 Ment. "Republik Indonesia"; better sig than 4750-Makkasar; 3/8.
(Hauser-OK)
- 3995 **UNITED KINGDOM Deutsche Welle** Skelton 0652 W host & M speaker in GG; poor; 3/15. (Sellers-BC)
- 4052.5 **GUATEMALA R. Verdad** Chiquimula 0404-0432 M preaching in SSS followed by soft choir vcls
at 0417 ending prg; diff. M w/ ID followed by more soft relg mx; p-f; 3/16. (D'Angelo-PA) 0603
S9+18 sig but mx modulation is rather muffled, mushy & distorted; into "Amazing Grace" in
EE; so running a bit late past midnight s/off as has been happening several times lately; 3/16.
(Hauser-OK) 0537 Preacher in EE & now good, clear modulation; unlike last mushy log of R.
Verdad; 3/16. (Hauser-OK) 0240 W singing hymn in SS w/ piano accompaniment; good modulation;
fair; it was already audible before 0100; 3/20. (Hauser-OK) 0622 Just caught the tail
end of NA; carrier cut at 0624; good; 3/6. (Barbour-NH) 0020-0023 SS talk & organ mx; 30dB
sig; good; 3/18. (Parker-PA) 0000-0010 Ballad type mx; M ancr at 0005 w/ ID followed by relg
hymn; fair; 3/22. (Wlodarski-NJ) 4055 0040 Better sig than 24 hours earlier & likely up to full
power now; 0558 R. Verdad definitely running ancment in JJ; (P) recorded by a fan for benefit
of DXers; then one at much lower modulation which I think was Italian; 0600 brief s/off in EE
& 0600.6 starting choral NA featuring children's voices; S9+15 & noticeably better sig now that
they are up to full power of 700w; 3/26 & 27. (Hauser-OK) 0210 SS hymn then xylophone mx
& M ancr w/ ID; freq & ment. of "Guatemala, Centro America" followed by xylophone again;
poor at a time when it's not yet dusk here; 4/8. (Sellers-BC) 0556 R. Truth w/ multilingual
ancments; EE at t/in offering QSL w/ postal address Box 5, Chiquimula; W ancr in GG; Italian;

- Swedish?; JJ; native lang including SS words; all w/ Hammond organ mx background; but audio quality varies greatly from lang to lang; some hard to copy or even ID; overall modulation is somewhat distorted & some T-storm crashes but good steady sig at S9+20; brief s/off in SS & EE; 0602 starting NA; 4/8. (Hauser-OK)
- 4330 **CHINA Xinjiang PBS** Urumqi 0005-0017 Lcl ballad; M anc in vern. w/ brief ancment; pop song; talk over FE mx; best heard in LSB w/ inter-audio filter to null CW; lite static; vg; 03/27. (Serra-Italy)
- 4410 **BOLIVIA R. Eco** Reyes 0010-0015 Lcl instrumental mx; poor; 4/10. (Wlodarski-NJ)
- 4450 **SOUTH KOREA V. of the People** Kyonggi-do 1219 (P); Alternating M & W anc in KK w/ fairly long sections; poor; 3/16. (Taylor-WI) 1223 Long winded speech by M anc; p-f; 3/25. (Strawman-IA)
- 4699.96 **BOLIVIA R. San Miguel** Riberalta 1032 Appeared to be cranking up modulation at 1032 from carrier into prgrming; may have just s/on; M anc w/ SS ancment at 1034 into taped echo chamber ad string at 1035; CP mx folklorica from 1036; nice sig when a notably good opening to the Andes; day after the big solar flare; 3/8. (Perry-IL) 4700 0945 Excellent CP mx; M anc w/ IDs; 3/18. (Wilkner-FL) 0908 Lively Andean mx w/ anc between selex's; weak but clear & improving; 3/22. (Barbour-NH) 0046-0050 Lcl ballad style mx; fair; 4/7. (Wlodarski-NJ)
- 4716.19 **BOLIVIA R. Yura** Yura 1020 Seems to s/on about this time; 3/19. (Wilkner-FL) 4716.46 0126-0138 Up-beat mx w/ M anc in SS between selex's; anc over mx w/ "Yura! Yura!" at 0136; fair at best; best heard at my location in quite some time; 3/22. (Barbour-NH) 4 7 1 6 . 7 0051-0055 Ballad type mx; poor but audible over static crashes; 4/10. (Wlodarski-NJ)
- 4746.96 **PERU R. Huanta 2000** Huanta 1015-1042 Daily visitor lately in the mornings w/ fine OA folkloric prgrming; ID at 1051; "Amables oyentes, les indicamos...al servicio de Huanta...Radio Huanta 2000..." ; good; 3/7 & 8. (Perry-IL) 4747 1020-1040 M anc w/ SS relg talk; ID at 1036 followed by more talk; lcl mx; fair; 3/7, 26 & 4/3, 10. (Wlodarski-NJ)
- 4750 **INDONESIA-SULAWESI RRI Makassar** 1115-1202 (P); Definite Indo here; orchestral EZL mx & ballads; W anc w/ occ. ancments; 1131 (P) nx headline summary w/ M & W anc; 1136 back into prg of 'laгу populr'; 1159 the old familiar Rayuan Pulau Kelapa theme; RRI ID at ToH followed by Jakarta nxfeed; fair w/ fades; peaking to good w/ high noise lvl; 3/6. (Perry-IL) 1305 W anc in Indo; RRI Makassar w/ a second slightly offset carrier detectable on BFO; 3/8. (Hauser-OK) 1226 (P); M anc in Indo; fair; 3/16. (Taylor-WI) 1127-1132 Indo ballad style pop mx; ancment at 1129 then M anc talk; return to same mx at 1132; poor w/ only a little fading; but heavy static from incoming storms; 4/4. (Evans-TN)
- 4754.88 **BRAZIL R. Imaculada Conceição** Campo Grande 2250-2300 Excellent prg of mx; 3/19. (Wilkner-FL)
- 4755.4 **MICRONESIA V6MP The Cross** Pohnpei 1050-1102* Continuos inspirational mx until 1100 when M anc ment. "The Cross" & gave lcl time as 10:00 PM; another prg seemed to commence but cut off as carrier was terminated; poor; 3/7. (D'Angelo-PA) 0743 Christian mx; 0814 preacher; 0914 also a preacher; v. poor; 3/10. (Sellers-BC) 4755.44 0728-0742 Contemporary Christian songs; ID at 0739; a few minutes of "A Time for Harvest" w/ Greg Laurie; f-p w/ QRN; 3/11. (Howard-CA) 0940-1006 (P); mx; better audio than in the past w/ fades; 3/15 & 17. (Wilkner-FL) 4755.45 0715-1006 EE relg talk by M anc; URL for relg web site at 0738 into Christian mx & vcls; ID at 0748; more vcls & orchestral mx to 0800; "This is 88.5 FM, The Cross Radio"; relg discussion at 0917; Christian mx at 0937; more relg talk at 1006; 3/24. (Young-CA) 0932-1100 Modern Christian mx; fair; 4/2 & 9. (Wlodarski-NJ)
- 4760 **INDIA AIR Port Blair** 0256 (P); Carrier noted during band scan w/ hints of audio; (T) Hindi mx at 0258; talk from 0302; v. poor & weak; quite surprised if this is indeed Port Blair, especially at this late hour, as reception of AIR regionals at my locale has been sparse since the end of the last Solar Cycle; 3/7. (Barbour-NH)
- 4775 **PERU R. Tarma** Tarma 0047-0101 W anc in SS w/ a variety of pop Andean mx & marching band type mx; 0100 "Radio Tarma..." w/ several ments. of Tarma; 0101 back to mx; poor; 3/29. (Taylor-WI)
- 4775 **SWAZILAND TWR** Manzini 0442-0455 EE prg w/ M preaching followed by choir vcls; p-f w/ some CODAR splatter; 3/11. (D'Angelo-PA)
- 4780 **DJIBOUTI RTD** Atta 0258 (P); M anc in FF; Qur'an chant; fair; 3/27 & 29. (Taylor-WI)
- 4789.9 **PERU R. Vision** Chychlayo 0110; 0558 (P); Usual SS M preacher thru TOH; poor; 3/27 & (Taylor-WI) 4790 1001-1010 M anc w/ relg talk; good; 4/9. (Wlodarski-NJ)
- 4795.96 **BOLIVIA R. Lipez** Uyuni 1047 M anc in SS & unid. lang; Quecha or Aymara?; between Andes-flavored mx; clear ments of "Bolivia" & several TC's; fair sig until blipping ute QRM at 1025; nice opening this morning to the Andes w/ good sigs noted when checking the usual suspects: 4700-R. San Miguel; 4747-R Huanta 2000; 4815-R El Buen Pastor & 4955 R Cultural Amauta; no show for 6134v-R Santa Cruz tho; 3/12. (Perry-IL) 4796 0918-0925 Lcl mx; W anc in SS w/ ID at 0921, fair; 4/2. (Wlodarski-NJ)

- 4800 **INDIA AIR Hyderabad** 0051-0059 Lcl chants w/ instrumental mx; W ancr in vern. at 0057; Hindi mx & W ancrment; best heard in SSB w/ fast QSB & lite rustle; good; 03/27. (Serra-Italy)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 1010 M ancr in PP w/ CODAR on top; better sig than usual; 3/17. (Wilknor-FL)
- 4810 **INDIA AIR Bhopal** 1240-1344 Mostly w/ World Cup cricket coverage in EE & Hindi; //5010 & 5040; w/ periods of non-coverage; good; 3/8. (Howard-CA) 1312 Noted here w/ good audio w/ ancrments; banter; jingle w/ W ancr then into some kind of sportscast after 1403; //4880-Luc-know; 5010-Thiruvananthapuram & 5040-Jeypore; jingle at 1411 w/ M & W ancrs; other AIR regionals heard this morning, some by 1200: 4760, 4775, 4800 (under China), 4835, 4840, 4860, 4920, 4965 & 4970; 3/24. (Young-CA) 0045-0055 Typical Hindi chants w/ instrumental mx; no other //s on 60m; best heard in LSB w/ inter-audio filter to null ute; fast QSB w/ S9+20 of peak; mild static; good; 04/03. (Serra-Italy)
- 4814.88 **ECUADOR R. El Buen Pastor** Saraguro 1043 M ancr w/ SS talk over & between short, acoustic guitar bits; poor & completely so when CODAR appeared at 1047; 3/8. (Barbour-NH) 4815 1048-1100 Lcl mx; M ancr in Quecha at 1050 w/ ID then relg talk; fair thru ute ORM; 3/26. (Wlodarski-NJ) 0113 (P); Ballad in SS; M & W ancrs w/ talk in (P) Quecha; definitely not SS or PP; more contemporary mx; fair except for CODAR; 3/29. (Taylor-WI)
- 4824.47 **PERU R. LV de La Selva** Iquitos 1031-1050 T/in to excited M ancr in SS w/ ads; upbeat pop songs & cumbias; musica chicha; M ancr over mx w/ TC shout-outs in deep echo FX; "...Las cinco...cuarenta!!"; fair; 3/25. (Perry-IL)
- 4830 **MONGOLIA Mongolian Radio 1** Altaj 1146-1300 W vcl & mx from 1146-1159; pause & pips at 1200:27; W ancr w/ ID as "...Radio.."; almost sounded EE; M ancr thru 1238; vcls continued at 1241-1300 then 5 pips at ToH; W w/ (P) ID into M ancr; weaker than //4895 & 7260-buried under CRI; 3/24. (Young-CA)
- 4835 **AUSTRALIA VLBA** Alice Springs 2135-2148 W w/ EE nx & correspondents until 2140; mx pause; M & W ancrs w/ mx & talk; best in SSB w/ NIR12; fast QSB; strong rustle & moderate crackle; poor; 04/08. (Serra-Italy)
- 4840 **USA WWCN** Nashville 0146 Monitored the first airing of "Ask WWCN" #335 for 3/19 to 4/1; Lyon show was still running & began to fear "Ask" had been bumped for paid prgrmg as they said could happen just like the ex-DX Block, but it was only late; from 0148-0201; 3/20. (Hauser-OK) 1128-1131 EE prg First Amendment Radio ment. ads for gold & silver investment company; water filter company; The Greatest Prophecy CD; Financial Survival prg; 3/21. (Handler-IL)
- 4845.24 **BRAZIL R. Cultura Ondas Tropicais** Manaus 2339-0003 M ancr in PP until 2342 w/ ment. R Cultura); mx & ancrments; best heard in LSB w/ inter-audio filter to null strong ute; fast QSB & strong static; CODARat times; 2350 AIR Mumbai-4840 splash; poor/almost fair; 03/12. (Serra-Italy)
- 4850.75 **UNIDENTIFIED** 1048 M ancr in SS; weak; SS mx & vcls at 1054; sig has slight wobbly sound; W ancr w/ jingle at 1058; M ancr w/ ancrments at 1101 but no ID heard; (P) SS mx but much weaker at 1120; 3/24. (Young-CA)[R. Genesis Peru-4850.28v last rpted on 8/10 per LADX list-ed.]
- 4865 **BOLIVIA R. Logos** Santa Cruz 1025-1035 M ancr w/ SS relg talk; occ. mx w/ children vcls; fair; 4/3 & 9. (Wlodarski-NJ) 1007-1032 Lively prg of vcls w/ M ancr over group vcls at 1015 in (P) Aymara; more continuous vcls at 1018 but rapidly fading; fair at t/in; fading out; 4/9. (D'Angelo-PA)
- 4865.03 **BRAZIL R. Alvorada** Londrina 1023 (T); Playing insipid ballads & schlocky pop in PP, e.g.: "I Never Promised You a Rose Garden"; couldn't force myself to stay w/ this fare; too painful to listen & other stns beckoned; nice sig; peaking at 1045 recheck; f/down by 1055; [date?-ed.] (Perry-IL)
- 4869.96 **INDONESIA RRI Wamena** 1000-1019 Kang Guru Indonesia (KGI) prg via RRI Wamena; this Wednesdays only prg in EE is intended to help Indonesians learn the EE lang; v. weak w/ the sig slowly improving; could hear the voice that I have heard so often before when they were on RRI Jakarta: Kevin Dalton with his Australian accent; 3/16. (Howard-CA)
- 4870.02 **INDIA AIR Kashmir** 1422 (P); Carrier on w/ no audio; short mx piece at 1430; no IS or TS; talk at 1432 but audio v. weak; heard past 1452 but almost no audio then; 3/24. (Young-CA)
- 4880 **INDIA AIR Lucknow** 0307 Hindi mx battling w/ rapidly cycling QRM & splash from a booming 4885-Brazil; v. poor; surprised to hear this AIR regional as well; 3/7. (Barbour-NH)[see 4760-ed.] 1430 World Cup cricket coverage; was able to finally hear them in //5010 & 5040; not //4810; many ads "Brought to you by Lava KKT 22 Plus Mobil Phone"; most ads in Hindi; 1438 was able to pull in another //4910; still not //4810; 3/8. (Howard-CA)
- 4885 **BRAZIL R. Clube do Para** Belem 0409-0411 W ancr in PP w/ nx; ments. Obama & soundbites of pundits in EE; pounding in w/ sig to 90dB; exc.; 3/1. (Parker-PA) 0546 Quick ID only as "Rádio Clube"; carnival mx; S9+15; It's "do Pará", as usual the best Brazilian sig on 60m; better than the other Pará: "Cultura do" on 5045; still adjacent by Cuba 5040 until 0600; 3/15. (Hauser-OK) 0826-0905 Sports prg; pop mx; M ancr in PP at 1003 w/ ID; g-exc.; 3/19 & 4/9. (Wlodarski-NJ)

- 0444 M ancw w/ studio echo fx; LA pop mx; fair; 3/26. (Wood-TN) 0559-0835 M & W ancw in PP over ToH time pips; ID sequence about 30 seconds after the hour; apparent sportscast; fair; 3/27. (Taylor-WI) 0902 Lively Brazpops & ad/promo string from 0907 w/ ments. of "Belem" & "Brasil"; good; 4/2. (Coady-ONT) 4885.03 1008 Ballads; shouting M ancw w/ "Radio Clube do PARA!" between songs; biggest sig on band 3/8. (Perry-IL)
- 4905 UNIDENTIFIED 0153-0247* Soft instrumental mx & vcls w/ occ. ancments by M ancw; sounded like PP but too weak to be sure; off w/out any ancments mid-song; weak-poor; Anhanguera?; 3/19. (D'Angelo-PA)
- 4915 BRAZIL R. *Difusora* Macapá 0917-0920 M ancw in PP w/ relg talk & occ. mx; fair; 4/10. (Wlodarski-NJ)
- 4920 INDIA AIR *Chennai* 0138 Typical vcl & instrumental mx; good lvl but ruined by CODAR; faded quickly; 3/15. (Strawman-IA) 0047-0055 W ancw w/ mx prg; traditional mx & tune w/ a more Western flavor; v. similar to Scottish folk mx; pounding in w/ 40-50dB sig; quite good despite strong CODAR; 3/18. (Parker-PA) 1135 M & W ancw in Hindi w/ (P) nx then a brief "All India Radio" ID at 1144; took a phone call; fair; 4/3. (Coady-ONT)
- 4930 BOTSWANA VOA Moepping Hill 0406-0408 EE talk re sanctions & embargos against Libya; huge 70dB sig; exc.; 3/1. (Parker-PA)
- 4935 BRAZIL R. *Capixaba* Vitoria 0212-0220 Usual fare w/ David Miranda wailing away; fair; 3/22. (Barbour-NH) 4935.2 0130 (P); Futbol play by play; apparent end of game cmntary; calm talk by M ancw which led to banter w/ W ancw joining prior M ancws; fair w/ CODAR; 3/29. (Taylor-WI)
- 4940 CHINA V. of the Strait Fuzhou 1205 "This is the Voice of Taiwan Strait News Radio"; into CC; nice to find they occ. still use this nice EE ID; certainly helps for positive ID; fair; 3/8. (Howard-CA) 1235 (P); W ancw w/ talk; poor w. het; probably India; 3/16. (Taylor-WI) 1514-1535 Heard Focus on China from t/in at 1514 to the end of the prg at 1535; nx items re China in EE; Ministry of Health has passed a ban on smoking in public buildings; smoking zones to be away from public places; 1534: "Listeners we conclude this week's edition of Focus on China"; V. of Strait email & postal address given; final ID in EE: "This is the Voice of Taiwan Strait News Radio"; mostly poor; no trace of AIR Guwahati; new ending time conforms to that as rpted recently in dxldy by H. Sellers, et al.; in past years was either 1500-1525, 1500-1530 or 1530-1600; 3/26. (Howard-CA) 1505 "Focus on China" now has both a new sked & new format; heard now on Saturday; ex-Sunday; from 1505-1535; ex: 1530-1600; new brief "Voice of Strait, Focus on China" ID; "Welcome to our program Focus on China .I am your host...In today's program we will share with you some of the major events in review"; no IDs during the show as there were in the past; 1534 VOS ID w/ email & postal address; final ID: "This is the Voice of Taiwan Strait News Radio"; then into CC; audio < <http://www.box.net/shared/q53r3ibvqm> >; 4/2. (Howard-CA)
- 4940 INDIA AIR *Guwahati* 0018-0025 Hindi vcl chant w/ up/down audio until 0024; M ancw; best heard in SSB w/ NIR12; barely audible/v. poor over static; 04/02. (Serra-Italy)
- 4940 SÃO TOME VOA Pinheira 0402-0406 Nx in EE denouncing Libyan violence w/ the oft parroted "The international community is speaking with one voice.."; walloping 80dB sig; exc.; 3/1. (Parker-PA)
- 4950 CHINA V. of *Pujiang* Shanghai 1312 CC songs & M ancw; vp; //3280-vp & 5075-poor; 4/6. (Sellers-BC)
- 4955 PERU R. *Cultural Amauta* Huanta 0042-0045 M ancw in SS; poor; 3/18. (Parker-PA) 0017-0025 M ancw w/ SS relg talk; poor; 3/25. (Wlodarski-NJ)
- 4960 SÃO TOME VOA Pinheira 0515-0520 Hausa talk over aboriginal mx; 60-70dB sig; good; 3/9. (Parker-PA)
- 4965 ZAMBIA CVC Lusaka 2320-2331 Slow choral chant & song; jingle at 2330; more choral chant; best heard in USB w/ inter-audio filter to null strong ute; strong static; poor; 03/12. (Serra-Italy) 0256-0300 EE choral mx; ID at ToH; 25dB sig; f-g; 3/16. (Parker-PA)
- 4970 INDIA AIR *Shillong* 1230 Nx & stock market rpt; 1235 the usual Monday "Hit Parade" pop mx show w/ W DJ in EE; many lcl IDs; SW & 100.1 FM; 1317 reading of a short story in EE re the life of an Indian woman; 1335 switched over to Delhi for sports nx in Hindi; mostly fair w/ the every present hum; 3/21. (Howard-CA)
- 4974.8 PERU R. *del Pacifico* Lima 1015-1025 Lcl mx; M ancw in SS at 1020 w/ ID; W ancw w/ lcl ancments; fair; 3/9. (Wlodarski-NJ) 4974.86 0028-0039 Dead even collision w/ (P) R. Iguatemi FM-4975; producing a din of SS/PP ancw talk: one slow, the other hyper fast; freq difficult to measure accurately; sig to 40dB & good; amusing if nothing else; 3/18. (Parker-PA)
- 4975 TAJIKISTAN V. of *Russia* Yangiyul 1359 Moscow bells; 1400 s/on in EE "This is the Voice of Russia World Service."; poor; 3/29. (Sellers-BC)[I have log envy-ed.]
- 4980 CHINA *Xinjiang* PBS Urumqi 0104-0116 (P); M & W ancws w/ talk in listed Uighur; poor in ECCS-LSB; 3/22. (Barbour-NH)

- 4985 **BRAZIL R. *Brasil Central*** Goiania 0350-0354 W anc in PP & upbeat mx; 50dB sig; f-g in lcl static; 3/1. (Parker-PA) 0010-0015 Two M anc rs w/ futbol b/cast; fair; 3/22. (Wlodarski-NJ) 0142 W anc in PP: (P) ad or ancment string over mx; jingles; etc.; ending w/ ID & M anc r w/ extended talk; fair; 3/29. (Taylor-WI) 2122-2350 Two M anc rs w/ PP talk; continuoos Brazpop; best heard in USB w/ NIR12; fast QSB; strong rustle & moderate crackle; vp; 4/8 & 9. (Serra-Italy) 0026-0030 PP pop mx; W anc r; good; 4/10. (Wlodarski-NJ)
- 4986.45 **PERU R. *Manantial*** Huancayo 2355 Noted here w/ strong sig; 3/25. (Wilkner-FL)
- 4990 **SURINAME R. *Apintie*** Paramaribo 0510-0514 M anc r in vern & slow mx; big 60dB sig but audio rather weak; fair; 3/1. (Parker-PA) 0845-0945 M anc r w/ lcl nx items & ancments; Soca mx; poor; 3/19 & 4/2, 9. (Wlodarski-NJ)
- 5000 **HAWAII *WWVH*** Kekaha 0913 W anc r w/ time ancments under WWV; vg; 4/2. (Coady-ONT)
- 5005 **EQ. GUINEA R. *Nacional*** Bata 2205-2213 Pop & rap mx; tune in (P) FF; dead air at 2213; (P) anc r talk at 2218 though sig now v. weak & under modulated; poor; 3/21. (Barbour-NH)
- 5010 **INDIA AIR *Thiruvananthapuram*** 0136 Mx & talk; just above noise floor; f/out by 0145; 3/18. (Strawman-IA) 0021-0031 Hindi chant; M anc r in vern.; lcl bow sound mx; ancments; no other //s on 60m; best heard in SSB w/ fast QSB & moderate static; fair; 04/03. (Serra-Italy) 0035-0050 Nx items in EE followed by SC mx at 0042; fair; 4/7. (Wlodarski-NJ)
- 5010 **MADAGASCAR RTV *Malagasy*** Antananarivo 0245-0250 Upbeat mx; 30dB sig; fair; 3/16. (Parker-PA) 5010.29 0236 Pop mx prg; some ancments in vern. but quite weak; not //6135; seems way too weak for 100kW; W anc r after 0240 but not sure of lang; more pop mx at 0248; talking to ToH but little audio after; weaker than 10kW Zanzibar-6015 at *0257; (P) hxcast after 0303 & back to island mx after 0306; M & W anc rs at 0310; still not sure of lang but (P) FF; 3/24. (Young-CA) 0315 Ancments in FF & vern.; (P) radio play; 0327 ancments w/ echo FX; ads; Afropops at 0328 featuring group w/ guitar & bass; booming sig; 4/2. (Perry-IL)
- 5015 **INDIA AIR *Delhi*** 1304-1420 W anc r in vern.; Hindi mx to past 1215; M anc rs at 1318; noted here after 1240 but no audio then; almost no audio after 1342; W anc r at 1420 w/ better audio but still pretty weak!; this txmitter always has v. serious hum & seldom much audio; today the audio is quite strong despite the hum. 3/24. (Young-CA)
- 5015 **TURKMENISTAN *Turkmen*** R. Ashgabat 2351-0018 (P); Lcl chants w/ M anc r in vern. between selections; slow mx pulse; pips at ToH & brief W ancment w/ (P) TC; M anc r over lcl instrumental mx ment. "Radio..."; lcl mx w/ pinched or beaten strings & bows; brief M anc r at times; best heard in LSB w/ inter-audio filter; strong static crashes; poor; 04/09 & 10. (Serra-Italy)
- 5019.85 **SOLOMON ISLANDS *SIBC*** Honiara 1125 (T); T/in w/ pretty good carrier lvl; decipherable mainly when pauses in blaring 5025-Rebelde; f/up by 1200 but still nearly unusable; fragments of orchestra & piano mx; M w/ muffled ancments; sounds EE but not readable; some country mx; long ancment from 1155 to ToH; continued on hour; 1202 (P) NA & gone at 1204; 1205.30 seems carrier was cut; all I can say is this is a pretty painful way to tune Honiara; back in the day, they used to come in a heckuva lot better than this; 3/13. (Perry-IL)[hasn't been the same here since Reblde upgraded their txmitters a several years ago-ed.] 5019.88 Two M anc rs in EE at 0922; splatter from Havana-5025 terrible; some kind of cmntary re relg ended at 0928 w/ western mx; W anc r w/ SIBC ID then ment. of "Solomon Island..Education.."; M anc r gave numbers but difficult to follow his broken EE accent; Havana was almost silent, splatter-wise from 0930-31 which really helped!; noted at checks until 1201*; 3/24. (Young-CA) 1130-1205* ID on the hour by M anc r; "You are tuned to the Solomon Islands Broadcasting Corp... our programming will resume...at. in the morning."; W vcls w/ chorus into rousing orchestral NA at 1201.45; 1203 OC & carrier cut at 1205* this is fun DXing; one of my all-time favorite stns; Honiara being noted nearly daily now; as early as 1030 in the Midwestern USA; nice sig f/up all the way; best when Cuba-5025 in talk; 3/26. (Perry-IL) 5019.90 1059 Sound of conch shell horn; "the Government Communications Unit, with the Office of the Prime Minister" has a 30 minute prg "Parliament Report" at "half past nine every night Monday through Friday"; ID with freqs; "1,035 kHz. MW band and on short wave 5,020 kHz., in the 60 meter Band"; 4/6. (Howard-CA)
- 5025 **CUBA R. *Rebelde*** Havana 1125-1133 SS lang prg; fair; 3/24 & 31. (Handler-IL) 0517-0540 Distorted, undermodulated audio during talk; rather like out of phase stereo into mono; a shame, as this has lots of good mx; back to good modulation after breakdown last night 3/25; lots of drumming & percussion at the moment; from our much more mx stn; 3/25 & 26. (Hauser-OK)
- 5039 **PERU R. *Libertad*** Junin 1026-1035 M anc r in SS w/ relg talk; ID; ad string; good; 3/9 & 19. (Wlodarski-NJ) 5039.17 1009-1053 Huaynos; M anc r in SS w/ echo FX ancments; 1016 anmt: "...Informa...hermanitas y hermanitas...las cinco de la manana...Radio Libertad de Junin..."; sig building but suddenly cut at 1030; (P) txmitter problem; again 3/8 at 1046 w/ M anc r & folklorica prg; frantic ancments & TC's over OA mx rifts; conjunto w/ huayno on guitar; f-g; 3/7 & 8. (Perry-IL) 5039.2 1004-1010 M anc r w/ SS relg talk into lcl mx at 1005; good; 4/9. (Wlodarski-NJ)

- 5040 **CUBA RHC** Havana 0603-0616 RHC Spanish is still on; more than an hour past official closedown time now; no SS freqs to be heard on 6 MHz band; perhaps the RadioCuba operator fell asleep & forgot to turn off 5040; recheck at 0643 just as it said "les ofrecemos a Vds." the next prg; f/out audio to dead air; 3/27 & 4/2. (Hauser-OK)
- 5044.96 **BRAZIL R. Cultura O Para** Belem 0006-0030 M ancw/ mx breaks; diff. M anc & (P) ID at 0012; LA ballads; best heard in SSB; strong splash via Habana-5040; moderate static; poor-vp; 4/2 & 10. (Serra-Italy) 5045 0419-0421 M anc in PP & hi-life mx; 80dB sig; exc.; 3/18. (Parker-PA) 0813-0900 Brazilian jazz; ballad type mx w/ frequent IDs; g-exc.; 3/19 & 4/10. (Wlodarski-NJ) 0918 Mix of Brazzops; ballads & comedic songs; M ancw/ brief talk at 0933 w/ ment. of "Amazonia, Brasil"; vg; 4/2. (Coady-ONT)
- 5050 **CHINA Guangxi Beibu Bay Radio** Nanning 1300-1400 Pips; TC in CC; multi-lang IDs including EE: "FM 96.4 Beibu Bay Radio"; multi-lang series of "Hello B-B-R"; in Chinese: "Ni Hao B-B-R" - pronounced: Nee HaOW; in EE w/ "B-B-R news" but as usual nx was in Vietnamese; fair; strong sig; audio of ID at < <http://www.box.net/shared/4sq050tb7r> > 3/7 & 22. (Howard-CA)
- 5050 **AUSTRALIA Ozyradio** (unofficial name!) VKD963 0943-1030 M & W ancw; pop songs; Aretha Franklin "Respect", etc.; between songs gave lcl time; nx; tnx to I. Baxter for confirming my reception of this 300W stn; 4/7 & 9. (Howard-CA) ["Presently Ozyradio don't actually have live announcers. Programming is 100% automated. Time announcements & news feeds are current, but automated. Sorry to say there are presently no station IDs. The dipole transmission antenna is now 13m above the ground. Signal is now getting out with good local reports over eastern Australia & now making it to the USA as I'd hoped. Ian Baxter" Off the air April 8: via R.Howard-ed.]
- 5050 **UNIDENTIFIED** 0954 Weak, unstable carrier detectable & about the same at 1320; the unnamed Sydney NSW stn has been rpted by numerous Down Under listeners as testing on this freq instead of 3210; apparently w/ the same txmitter ARDS used on 5050 from the NT; have they noticed carrier instability?; China & India are also on this freq, of course, as well as WWRB; but the latter not at these hours; isn't it about time the NSW stn got a name, or at least a callsign, if it is licenced?; 3/10. (Hauser-OK)
- 5066.3 **CONGO (DEM REP) R. Tele Candip** Bunia 0434-0440 M anc in vern.; poor; 3/18. (Parker-PA)
- 5110.2U **USA WBCQ** Monticello 0532 Surprised this is still on w/ mx; soon Ted Randall speaking & //7415; so his open-ended QSO show is again running way past sked 0400 close & has picked up a // freq from WBCQ; 3/20. (Hauser-OK)
- 5459.71v **PERU R. Bolivar** Cd Bolivar 2330-2350 En espanol; musica; weak sig; 3/14; also noted 1010 3/17. (Wilkner-FL)
- 5745 **USA R. Marti** Greenville 1134-1136 M & W ancw in SS w/ nx; //5980; fair; 3/21. (Handler-IL)
- 5755 **USA WTWW** Lebanon 1129-1138 EE lang relg prg; good; 3/21 & 31. (Handler-IL) 0216 Back on the air; having been off both freqs on 3/22; 9479 also back on air 3/23 at 1323; usual vg sig but w/ hum % warbly unstable carrier; 3/23. (Hauser-OK) 1241 Talk re brass bracelets on collars for dogs to make them less nervous; cut to dead air for about a minute; 4/2. (Hauser-OK)
- 5765U **GUAM AFN** Barrigada 1303-1356 Basketball scores; what are these doing during a ToH serious nx block?; NPR Marketplace segment on Morning Edition; ahead of // KOSU 91.7; so survived first wave of tsunami which should have passed Guam by then; 3/8 & 11. (Hauser-OK) 1016 The one noted here; 3/23. (Wilkner-FL) 1258 Could not hear AFN 3/28; but it's there 3/28 closing "Marketplace" from APM; others have reported AFN on 13362-USB simultaneously; but not audible here & now; 3/29. (Hauser-OK)
- 5835 **KAZAKHSTAN WYFR** Almaty 1253 Considerable O/C is promising; only marred by continuous but slightly irregular CW beeps from 5832; 1259 5835 acquires some weak tones & computer noises; 1300 YFR trumpet IS but it's v. undermodulated; a broken promise; into organ/choral mx; Aoki shows this bihour in EE via Almaty; 3/22. (Hauser-OK)
- 5890 **USA WWCR** Nashville 1132-1140 Brother Stair in EE; good; 3/21 & 31. (Handler-IL)

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International Band Loggings

Wallace C. Treibel • 357 N.E. 149th Street • Seattle, WA 98155 • nwhikers@msn.com

- 5910 **COLOMBIA Alcaravan Radio** Puerto Lleras in SP 0353, local pop music, ID 0359, time pips, good (Evans TN 4/10) in SP 1110, romantic local ballads, quick ID over music, fair (Perry IL 3/27) in SP 0059, music heavy with percussion, ID, poor-fair (Taylor WI 3/27) in SP 0755, ballad type music, ID, pips, ID repeated several times at ToH, good (Wlodarski NJ 3/26) in SP 0820, ballads and ranchero-like music, talk, full IDs at 0836, fair-good (Coady ONT 4/3)
- 5930 **RUSSIA Radio Rossii** Monchegorsk in EG 1246, rock music, closing ID, time/signal at 1259. This transmission is the A-11 replacement for the one from Petropavlovsk on 6075 in B-seasons and one hour earlier, nice Bach organ music, stronger than //5940 (Hauser OK 3/30)
- 5954v nf **COLOMBIA Radio Republica** Guapiles in SP 0912, YL/OM in talks, ID "Radio Republica!...su sintonia a Radio Republica....onda media...5 de la tarde...banda de 49 metros", fair (Perry IL 4/12)
- 5960v **PAPUA NEW GUINEA Radio Fly** Tabubil in Tok Pisin/EG 1003-1047, island music and pops, call-in program, fair (Craighead KS 4/12) in EG 0959, "Hello there to all our good listeners to Radio Fly", safety coordinator gives tips on how to prevent industrial "falling from heights", ID 1002 as "Radio Fly 103.8" (Howard CA 4/10) in EG 0811, talks by OM/YL, singing pop music, ID 0859, some kind of business discussion, into Tok Pisin? at 1011, extremely weak signal (Young CA 3/24) in EG 0923, pop music, ID 0929, poor (Wlodarski NJ 3/26)
- 5970 **SPAIN REE** Noblejas in EG 0015, feature on two books, one on the 1981 attempted coup and the other on the sexual revolution of the 70's, music bridges, good (Fraser ME 3/17)
- 6010v **MEXICO Radio Mil** Mexico City in SP 1037, romantic ballads, "Gracias por su sintonia a Radio Mil" ID, fair with fades and QRM het (Perry IL 4/3) in SP 0850, ballad music, ID, fair (Wlodarski 4/10)
- 60192v **PERU Radio Victoria** Lima in SP 0333, emotional talk, light singing, frequency, ID "La Voz de la Liberacion", more songs, talks, strong signal but wedged against CRI on 6020 (Young CA 3/24) in SP 0445, religious program, live with call-ins, occasional music, fair (Torbeck CO) in SP 0815, All-nite show, news, commentary, ID 0825 en eco along with Beethoven's 5th Symphony, time check, fair signal (Perry IL 4/16) in SP 0725, religious talk, local music, ID 0733, good (Wlodarski NJ 4/17)
- 6040 **CANADA China Radio Int'l** relay in EG 1120, news and reports on the China Horizon program and a program about the Cherry Festival (Handler IL 4/10)
- 6050 **ECUADOR HCJB** Quito in Quechua 0855, Andean-type music, time pips over music at 0900, ID and time check, religious talk, good (Wlodarski NJ 4/9) in Quechua 0919, local music sung by children, ID followed by religious talk, applause, talk seemed to be church service in background (Evans TN 4/12)
- 6080 **BRAZIL Radio Marumby** Curitiba in PT 0014, ballad-type music, ID, fair (Wlodarski NJ 4/10)
- 6110 **CANADA Radio Japan** relay via Sackville in EG 0500, news reports on radiation, infants, and dialysis in the wake of the earthquake and tsunami in Japan, also Libya war news, stock market reports, etc. good signal (Perry IL 3/24) in EG 0520, well-done report on the post-tsunami situation in Japan, fair with co-channel interference, //5975 (Hauser OK 3/21) in EG 0501-0526, news about tsunami and maritime electric power companies, heavy damage to Eastern part of Japan, ID, nuclear installations and radiation being given top priority in safety of local residents, poor-fair (Ervine TX 3/12)
- 6110 **ETHIOPIA Radio Fana** Addis Ababa in Amharic? 0332-0422, nice program of lively Horn of Africa vocals with talks in language, ID 0400, news, music b/w items, fair w/fading (D'Angelo PA 3/31)
- 6115 **ROMANIA RRI** Bucharest in EG 2145, feature on "Challenge of the Future" - Romania's chance in joining the European Union, good, //7310 (Fraser ME 3/11)
- 61348 **BOLIVIA Radio Santa Cruz** in SP 0927, local announcements, religious talk, local music, ID at 0934, good signal (Wlodarski NJ 4/16)
- 6170 **NEW ZEALAND RNZI** in EG 0755, jazz music, time pips, ID, news with the first news about the latest earthquake in New Zealand, excellent signal (Wlodarski NJ 4/17)
- 7125 **GUINEA Radio Television Guinee** Conakry in FR 0724-0748*, nice selection of highlife vocals and instrumentals with DJ, ID, schedule , poor to fair, abrupt carrier cut 0748 (D'Angelo PA 3/28)
- 7200 **SUDAN Radio Omdurman** in AR 0406-0430*, news, ID 0409 followed by more news, brief instrumental music, various talks, abrupt s/off at 0430, fair (D'Angelo PA 3/25)
- 7325 **AUSTRIA RAI** Moosbrunn in GM 0253, commentary, recording of someone who appears to be protesting, music and group singing, good (Ervine TX 3/26)
- 7325v **PAPUA NEW GUINEA Wantok Radio Light** in EG 0710, music and singing, ID at 0825 and back to music, religious discussion at 0853, wobbly carrier (Young CA 3/24)
- 7375 **GERMANY Voice of Croatia** relay in EG 0208, news, ID, sports, weather, excellent (Sellers BC 4/8)

- 7395 **CYPRUS BBC** relay via Limassol in EG *0100, time pips, ID, program promo, news, feature "The Forum" (D'Angelo PA 4/3) in EG *0100-0130, News Hour, ID, talks about the Ivory Coast, fair copy with fades (Montgomery PA 4/5)
- 7425 **ALBANIA Radio Tirana** in AL *2300, IS, ID, frequency, schedule, news, fair (McGuire MD 3/31)
- 9420nf? **IRAN IRIB** in AR 0102-0130, ID, station info, comments, music, checked several sources and all say Zahedan, Iran, very slight fades but excellent copy (Montgomery PA 3/30)
- 9445 **INDIA AIR** Bangaluru in EG 2200-2230, 15 minutes of news, ID, local music, good signal with slight fades, 500 kw transmitter (Montgomery PA 4/1) in EG 2203, news and news highlights, commentary titled "India, Africa, Business and Aid", good (Coady ONT 4/2)
- 9580 **AUSTRALIA Radio Australia** in EG 1332, program about the eco systems in Australia, climate change and the environmental crisis, exc, //9590 fair (Handler IL 3/27)
- 9580 **GABON Africa #1** Moyabi in FR 2300*, local pop music, ID, closeout announcements over xylophone music, time pips at s/off (Evans TN 4/5) in FR 2252, 2 OM in discussion, ID, soft instrumental music, frequency and closedown announcements at 2301, time pips, p-f (D'Angelo PA 4/6) in FR 2134-2202, Motown/R&B ballads, ID, promos, 4+1 pips, news, fair (Barbour NH 3/21)
- 96453v **BRAZIL R Bandeirantes** São Paulo in PT 2350, "Jornal Esportiva" feature, many musical ads, smooth talking and laughing DJ, first QSL from Brazil more than 40 years ago, good signal (Perry IL 4/7)
- 9665 **MOLDOVA Voice of Russia** relay via Kishinev in EG 2342, "Russia Business Report" with Brandon Rice reporting on the economy of Belarus and Russian demands for fiscal responsibility in exchange for financial aid, good (Coady ONT 3/28)
- 9675 **BRAZIL Radio Canção Nova** in PT 2225, news, commentary, ID, ad for concert, g (Włodarski 4/16)
- 9705 **ETHIOPIA Radio Ethiopia** Addis Ababa in Amharic 2038-2101*, Horn of Africa and local music, brief announcements b/w selections, techno music, anthem at s/off, fair (Barbour NH 3/21) in Amharic 2005-2100*, Afro-pop music, HofA music, anthem at s/off, excellent (Alexander PA 3/25)
- 9705 **NIGER La Voix de Sahel** Niamey in Vernacular 2101-2130, continuous Afro-pop and hi-life music, audible after co-channel Ethiopia s/off, poor, wiped out by VOIRI s/on 2130 (Barbour NH 3/21)
- 9774 **TAIWAN Fu Hsing BS** via Kuanyin in CH 0918-1000*, pop songs and western classical music, 0955 last announcement then instrumental music until s/off, fair, //9410 (Howard CA 4/15)
- 9780v **YEMEN Republic of Yemen Radio** Sa'na in AR 0350-0435, short talk segments alternating with AR bells and drums, 0355 traditional AR music, short announcements, talk, ID, anthem, short Koran recitation and religious talk, fair signal w/good audio, slow fading (Evans TN 4/13)
- 9830 **TURKEY V of Turkey** in EG 2200, pips, ID, schedule, program preview, news, g (Coady ONT 3/28)
- 9930 **PALAU World Harvest Radio** relay via Medorn in EG 0847-1000*, fundamentalist preacher talking about David and Goliath, YL announcements at s/off, WHR ID, fair w/flutter (Evans TN 4/12)
- 11655 **CANADA Radio Japan** relay via Sackville in JP 1400, "NHK" ID, report on nuclear accident, good (McGuire MD 4/5)
- 11710 **NORTH KOREA Voice of Korea** Kujang in EG 1312, YL w/news about the "Great Leader", OM with talk about South Korean opposition parties and upcoming elections, fair (Coady ONT 4/2)
- 11815 **BRAZIL Radio Brasil Central** Goiania in PT 0235, YL w/talk hosting a program of lively Brazilian pop tunes, canned ID 0246, ads, jingle ID, more music, good (D'Angelo PA 4/9)
- 11865 **RWANDA Deutsche Welle** relay via Kigali in EG 2140, interview program with YL talking to guests including Peter Steinbeck about the situation in the Middle East, //15640 (Handler IL 4/9)
- 11880 **COSTA RICA REF** (Spain) relay in Castilian 1246, interview with writer, flamenco guitar and singing breaks, Antonio Buitrago w/ "Amigo de la Onda Corta", much stronger than 11815 (Hauser OK 4/7)
- 11960 **JORDAN Radio Jordan** via Al Karanah in AR 0416-0458*, news, commentary discussing multiple Middle Eastern countries and leaders, Middle Eastern traditional and pop music, abrupt s/off in mid song, ID, good signal with some fading (Evans TN 4/16)
- 12050 **USA WEWN Catholic Radio** Vandiver, AL in SP 1600, ID, OM and YL talk, brief music, several IDs for Radio Vatican (rebroadcast?), excellent (Field MI 3/28)
- 12085 **MONGOLIA Voice of Mongolia** via Ulan Bator in Mongolian 0941, dramatic reading by YL with occasional orchestral music having Oriental flavor in the background, ID 1000 and into CH with talk by OM and YL, good signal (Evans TN 4/12)
- 12095 **ASCENSION ISLAND BBC** relay in EG 2135, report on the Japanese earthquake, good, //9915 fair with fluttery signal on both frequencies (Fraser ME 3/11)
- 13630 **AUSTRALIA Radio Australia** Shepparton in EG 0628-0703, "Grandstand" sports program with live coverage of Tigers vs. Roosters Australian football, news, excellent signal (Perry CA 4/3)
- 13740 **CUBA China Radio Int'l** relay via Havana in EG 1405, ID, report on Libyan conflict, weather forecast, good signal (McGuire MD 4/9)
- 13760 **NORTH KOREA Voice of Korea** Kujang in EG 0120, OM and YL with what sounded like the story of someone who had visions in praise of Kim Jong II and the "revolution", fair (Sellers BC 4/8)

- 15110 **RUSSIA Tatarstan Wave/GTRK Tatarstan** relay via Samara in Tatar/RS *0410-0459*, IS, ID in both languages: "V efirye programa na volnye Tatarstana", programming mostly music, ex-15105 and ex- 0510-0600 (Howard CA 3/29)
- 15190v **BRAZIL Radio Inconfidencia** Belo Horizonte in PT 2103-2200+, talk, ID, local ballads, weak but readable, improved to good by 2235, //6010 weak (Alexander PA 3/25)
- 15190 **EQUATORIAL GUINEA Radio Africa** Bata in EG 1915-2056*, "Gospel of the Kingdom" religious program, sign-off announcements, contact info, and s/off 2256, fair-good (Alexander PA 3/20)
- 15250 **CUBA Radio Nacional de Venezuela** relay via Havana in EG 2311, YL covering the visit and speeches for the President of Uruguay, good, //13680 fair (Sellers BC 4/11)
- 15476 **ANTARCTICA LRA36** San Gabriel in SP 1229, official reactivation on 4/14, vocal music, s/on program 'Amanecer Austral' (southern dawn), talk mixed with happy theme song "Soy Feliz", ID in passing 1242 with music, S9+ signal (Hauser OK 4/15)
- 15515 **KUWAIT Radio Kuwait** in AR 1327, fully-produced dram expressing deep emotions with SFX such as bells and dogs barking, "Kuwait" shouted several times by kids voices, ID and news of Bahrain and Libya, good signal (Hauser OK 3/21)
- 15515 **AUSTRALIA Radio Australia** Shepparton in EG 0433, wacky novelty song "Online Love" followed by a lengthy interview with "DJ Soup" and discussion of the early days of hip-hop culture in Australia. Show seemed to be called "In the Loop", excellent, //15240 good, 21725 weak (Perry CA 3/31)
- 15540 **KUWAIT Radio Kuwait** in EG 2007-2058, music, talk, ID 2050, fair signal (Handler IL 4/9)
- 15660 **GUAM Adventist World Radio** relay in EG 1342, praising God, mailing address "Voice of Hope" in Pune, India, hymn "Under His Wing", preacher about effect of bad news on kids, g (Hauser OK 3/22)
- 15720 **NEW ZEALAND RNZf** in EG 0318, news, reporting on economic after-effects of Christchurch earthquake, assaults by students at a New Zealand mall, the expense of sponsoring a rugby match, and murderer Gregory Meads, excellent reception (Perry CA 3/31)
- 17725 **LIBYA Voice of Africa** in EG 1404, ID, drumming, YL about alleged free medical care in Libya, poor signal (Hauser OK 4/11)

Clandestine And Opposition Stations

- 9870nf **MADAGASCAR Radio Voice of the People** (to Zimbabwe) in Vernacular *0400, ID, opening announcements, news, short vocal segment, phone interview, poor signal (D'Angelo PA 4/5)
- 17725 **FRANCE Radiyo Y'Abaganda** relay (to Uganda) in Vernacular *1700-1715*, many mentions of Uganda, 15 minute transmission heard only on Saturdays, poor w/strong co-channel QRM from Libya's Voice of Africa relay (Alexander PA 3/26)

DUES INCREASE NOTICE:

First the Overseas rates. Overseas members will notice that their last NASWA Journal arrived by U.S. Airmail. This was because the commercial company that handled our overseas mail for many years notified us last month that because of the economic situation they could no longer process orders of less than \$500.00. Since we have nowhere near enough overseas members to justify that price, we had no recourse except U.S. Airmail at a greatly increased cost. It will now cost \$2.66 to send the Journal overseas and that, coupled with the cost of printing the bulletin, forces us to increase the overseas rate for all overseas members to \$48.00 a year.

Canadian members. The U.S. Postal Service increased certain rates on April 17, 2011 including postage to Canada. The old 75¢, \$1.00, and \$1.25 rates are now 80¢, \$1.08, and \$1.36 and this means it will cost an additional 11¢ a month to send the Journal to Canada necessitating a Canadian rate increase of \$2.00 to \$34.00 a year.

U.S. members. While the recent postage increase did not affect First Class mail under one ounce, it did increase the rates for mail weighing more than one ounce. We are going to try to cover this increase by raising the regular U.S. rate \$1.00 to \$31.00 a year.

All these increases will take effect immediately. We are sorry to have to do this, but we have little choice in the matter.

And finally, we have to be gauche enough to remind you that if you use PayPal, please add an additional \$1.00. They charge us slightly more than that for the transaction.

Times & Frequencies In English

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Compiled by Mike Barraclough from station schedules, monitoring observations and reported updates.

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Relay sites: a= Ascension, A= Almaty, Kazakhstan, b= Bonaire, c= Sackville Canada, d= Dhabbaya, UAE, D= Dushanbe, e= Espana (Spain), f= WYFR Florida, F= Issoudon, France, g= Agat, Guam, G= Montsinery, French Guyana, h= Havana, k= Kigali Rwanda, K= Kishinev, Moldova, l= Sri Lanka, L= Sitkuna, Lithuania, m= Meyerton, RSA, M= Moosbrun, Austria, N= Nauen, Germany o= Bamako Mali, p= Tinang, Philippines, P= Palau, q= Cerrick/Flaake, Albania, r= Russia (various), s= Sines Portugal, S= Singapore, t= Talata, Madagascar, T= Tashkent, Uzbekistan, u= Skelton/Rampisham UK, U= Ukraine, v= Taiwan, V= Santa Maria de Galeria, Vatican, w= Werchatal Germany, x= Xian/Kashi/Kunming/Urumchi China, y= Yamata Japan, Z= Zambia

Abbreviations: /= target area divider, 1st< or >2nd half hour, Af= Africa, As= Asia, CA= Central America, Eu= Europe, FE= Far East, LA= Latin America, ME= Middle East, NA= North America, Nat= National, Pa= Pacific, e= east, n= north, s= south, w= west, Int= International, R= Radio, VO= Voice of

ALBANIA R TIRANA	0030-0045 NA	9680 Tuesday to Sunday
ALBANIA R TIRANA	0145-0200 NA	7425 Tuesday to Sunday
ALBANIA R TIRANA	0230-0300 NA	7425 Tuesday to Sunday
ALBANIA R TIRANA	0330-0400 NA	7425 Tuesday to Sunday
ALBANIA R TIRANA	1430-1500 NA	13625 Monday to Saturday
ALBANIA R TIRANA	1845-1900 Eu	7520 13735 Monday to Saturday
ALBANIA R TIRANA	2000-2030 Eu NA	7465 13735 Monday to Saturday

ANGUILLA CARIBBEAN	1000-2200 NA	11775
ANGUILLA BEACON	2200-1000 NA	6090

Relays Dr. Gene Scott University Network

RAE ARGENTINA	0200-0300 NA	11710 Tuesday to Saturday
RAE ARGENTINA	1800-1900 Eu	9690 15345 Monday to Friday

AWR AFRICA	1800-1830 SAf	3215m 3345m
AWR AFRICA	1830-1900 EAf	9610m
AWR AFRICA	2100-2130 WAf	11955M

AWR ASIA	1200-1230 SEAs	17535w
AWR ASIA	1330-1400 SEAs	118800g Sunday, Tuesday
AWR ASIA	1330-1400 SAs	11860g Saturday
AWR ASIA	1430-1500 SAs	9560g
AWR ASIA	1500-1530 SEAs	11720g
AWR ASIA	1530-1600 SAs	15255w
AWR ASIA	1600-1630 SEAs	11805g 12035g
AWR ASIA	1630-1700 SAs	11740g
AWR ASIA	2230-2300 SAs	15320g

HCJB AUSTRALIA	0245-0300 As	15400
HCJB AUSTRALIA	0730-0930 Pa	11750
HCJB AUSTRALIA	1230-1300 As	15400 Monday to Saturday
HCJB AUSTRALIA	1445-1530 As	15340

RADIO AUSTRALIA	0000-0100 As Pa	9660 12080 13670 13690 15240 15415> 17715 17750 17795
RADIO AUSTRALIA	0100-0200 As Pa	9660 12080 13670 13690 15240 15415 17715 17750 17795 21725
RADIO AUSTRALIA	0200-0400 As Pa	9660 12080 13670 13690 15240 15415 15515 17750 21725

RADIO AUSTRALIA	0400-0500	As Pa	9660 12080 13670 13690 15240 15415> 15515 17750 21725
RADIO AUSTRALIA	0500-0600	As Pa	9660 12080 13630 13670 13690 15160 15240 15415> 17750
RADIO AUSTRALIA	0600-0700	As Pa	9660 12080 13630 13670 13690 15160 15240 <15290* 15415> 17750 *Sat/Sun
RADIO AUSTRALIA	0700-0800	As Pa	9475 9660 9710 11945 12080 13630 15160 15240
RADIO AUSTRALIA	0800-0900	As Pa	9475 9580 9590 9710 11945 12080 13630
RADIO AUSTRALIA	0900-1100	As Pa	9475 9580 9590 11945 12080
RADIO AUSTRALIA	1100-1200	As Pa	5995 6020 6140S 9475 9560 9580 9590 11945
RADIO AUSTRALIA	1200-1300	As Pa	6020 6140S 9475 9560 9580 9590 11945
RADIO AUSTRALIA	1300-1400	As Pa	6020 9560 9580 9590
RADIO AUSTRALIA	1400-1500	As Pa	5995 6080 7240 9475> 9590 <11660
RADIO AUSTRALIA	1500-1600	As Pa	5995 6080 7240 9475 9590 11660
RADIO AUSTRALIA	1600-1700	As Pa	5995 6080 7240 9475 9710 11660
RADIO AUSTRALIA	1700-1800	As Pa	5995 6080 9475 9580 9710 11880
RADIO AUSTRALIA	1800-1900	As Pa	6080 7240 9475 9580 9710 11880
RADIO AUSTRALIA	1900-2000	As Pa	6080 7240 9475 9500 9580 9710 11880
RADIO AUSTRALIA	2000-2100	As Pa	6080* 7240* 9500 9700 11650 11660 11880 12080* *Sat/Sun
RADIO AUSTRALIA	2100-2200	As Pa	9500 9660 9700 11650 11660 11695 12080 13630 15415> 15515 17750>
RADIO AUSTRALIA	2200-2300	As Pa	9590D 9660 12080 13630 15240v 15360 15515 15560
RADIO AUSTRALIA	2300-2400	As Pa	9590D 9660 12080 13670 13690 <15240v 15360 15415> 15560 17750> 17795
RADIO AUSTRIA INT	0609-0612	Eu	6155 Monday to Friday
BELARUS RADIO MINSK	2000-2200	Eu	7255 7360 7390
RADIO BULGARIA	0200-0300	NA	9700 11700
RADIO BULGARIA	0630-0700	Eu	9600 11600
RADIO BULGARIA	1730-1800	Eu	7400
RADIO BULGARIA	2100-2200	Eu	5900 7400
RADIO BULGARIA	2300-2400	NA	9700 11700
RADIO CANADA INT	0000-0057	SEAs	11700x
RADIO CANADA INT	1500-1557	As	11675x 15125x
RADIO CANADA INT	1800-1859	Af	9530x 11765u 17810u
RADIO CANADA INT	2000-2100	Af	15235 15330 17735
CHINA RADIO INT	0000-0100	NA/Eu/As	6020q 9570q/ 7350 / 6075 6180 7415 11790 11885 13750 15125
CHINA RADIO INT	0100-0200	As	6180 9535 11870
CHINA RADIO INT	0100-0200	NA/Eu	6020q 9570q 9580h 9790h/ 9470 9675 15125 15785
CHINA RADIO INT	0200-0300	As	11770 13640
CHINA RADIO INT	0300-0400	NA/As	9690e 9790h/11770 13750 15110 15120 15785
CHINA RADIO INT	0400-0500	NA/As	6020c 6080c/13750 15120 15785 17730 17855
CHINA RADIO INT	0500-0600	NA/As/Af	6020c 6190c/11710q 17505/ 11880 11895 15350 15465 17540 17730 17855
CHINA RADIO INT	0600-0700	Af	11710q 17505
CHINA RADIO INT	0600-0700	As	11870 11880 11895 13660 15140 15350 15465 17540 17710
CHINA RADIO INT	0700-0800	Eu/Af/As	13710q 17490 /15125 /11880 11895 13660 15350 15465 17540 17710
CHINA RADIO INT	0800-0900	Eu/Af/As	13710q 17490 /15125 /11620 11880 11895 15350 15465 15625 17540
CHINA RADIO INT	0900-1000	Eu/Pa	15270 17490 17570 /13790 15210
CHINA RADIO INT	0900-1000	As/Af	11620 15350 17750 /15625
CHINA RADIO INT	1000-1100	Eu/NA/Pa	17490 / 6040c/13790 15210
CHINA RADIO INT	1000-1100	As	11610 11635 13620 13590 13720 15190 15350
CHINA RADIO INT	1100-1200	Eu/NA/As	13650q 17490 / 6040c 11750c/ 5955 11650 11660 11795 13590 13645 13720
CHINA RADIO INT	1200-1300	As	5955 9460 9600 9645 9730 11650 11660 11690 11980 13645
CHINA RADIO INT	1200-1300	Eu/Pa	13650q 13790 17490 / 9760 11760
CHINA RADIO INT	1300-1400	NA/As	9570h 9650c 15260c/ 5955 9765 9730 9870 11660 11980 13755
CHINA RADIO INT	1300-1400	Eu/Pa	13610 13790 / 9760 11760
CHINA RADIO INT	1400-1500	NA/As	13740h/ 5955 9765 9870 11665 11675 11765
CHINA RADIO INT	1400-1500	Eu/Af	13710 13790 /136850 176300
CHINA RADIO INT	1500-1600	Eu/Af	11965 13640 / 6095 9720 136850 176300
CHINA RADIO INT	1500-1600	NA/As	13740h/ 5955 7325 7395 7410 9720 9800 9870
CHINA RADIO INT	1600-1700	Eu/Af/As	11940 11965 13760 / 7420 9570 11900 / 6060 6095 7235 7420
CHINA RADIO INT	1700-1800	Eu/Af	6145 9695 13760 / 9570 11900
CHINA RADIO INT	1700-1800	As	6090 6140 6165 7235 7265 7410 7420
CHINA RADIO INT	1800-1900	Eu	6175 9600 13760
CHINA RADIO INT	1900-2100	Af As	7295 9440
CHINA RADIO INT	2000-2100	Eu/Af	5960q 7285q 7415 9600 / 5985
CHINA RADIO INT	2000-2130	Af	116400 136300
CHINA RADIO INT	2100-2200	Eu/Af	5960q 7285q 7415 9600/ 7205 7325
CHINA RADIO INT	2200-2300	As	9590
CHINA RADIO INT	2300-2400	Eu/NA/As	7350 / 5990h 6145c 11840c/ 5915 7410 9610 11690 11790

VOICE OF CROATIA	0200-0215	Eu NA	3985 7375w
VOICE OF CROATIA	0600-0605	Eu	7410 Monday to Friday
VOICE OF CROATIA	1000-1005	Eu Pa	7410 11675S Monday to Friday
VOICE OF CROATIA	1600-1615	Eu	7410 Monday to Friday
VOICE OF CROATIA	1600-1605	Eu	7410 Saturday and Sunday
VOICE OF CROATIA	1805-1910	Eu	3985 Monday to Saturday
VOICE OF CROATIA	2215-2230	Eu LA	3985 7375w
Schedule valid 27 March to 9 May and 7 September to 29 Oct			
VOICE OF CROATIA	0200-0215	Eu NA	3985 9925w
VOICE OF CROATIA	0600-0605	Eu	7410 Monday to Friday
VOICE OF CROATIA	1000-1005	Eu Pa	7410 11675S Monday to Friday
VOICE OF CROATIA	1600-1615	Eu	7410 Monday to Friday
VOICE OF CROATIA	1600-1605	Eu	7410 Saturday and Sunday
VOICE OF CROATIA	1805-1910	Eu	3985 Monday to Saturday
VOICE OF CROATIA	2215-2230	Eu LA	3985 9925w
Schedule valid 10 May to September 6			
CUBA RADIO HAVANA	0100-0500	NA	6000 6050
CUBA RADIO HAVANA	0500-0700	NA	6000 6010 6050 6060 6150
CUBA RADIO HAVANA	1900-2000	NA	11760
CUBA RADIO HAVANA	2300-2400	CA	5040
CZECH RADIO PRAGUE	0600-0630	NA	9955 via WRMI Saturday and Sunday
CZECH RADIO PRAGUE	0900-0930	NA	9955 via WRMI Monday to Friday
CZECH RADIO PRAGUE	1400-1430	NA	9955
EGYPT RADIO CAIRO	0200-0330	NA	9315
EGYPT RADIO CAIRO	1215-1330	sAs	17870
EGYPT RADIO CAIRO	1600-1800	Af	15345
EGYPT RADIO CAIRO	1900-2030	wAf	11510
EGYPT RADIO CAIRO	2115-2245	Eu	6270
EGYPT RADIO CAIRO	2300-0030	NA	6270
EQ GUINEA R AFRICA	0700-1200	Af	15190 Monday to Friday (Saturday, Sunday 0600-1330)
EQ GUINEA R AFRICA	1700-2300	Af	15190
Transmissions irregular			
RADIO ETHIOPIA	1600-1700	Af	7165 9560
RADIO FRANCE INT	0400-0500	Af	9805 11995
RADIO FRANCE INT	0500-0600	Af	11995 13680
RADIO FRANCE INT	0600-0700	Af	11615 15160 17800
RADIO FRANCE INT	0700-0800	Af	15615
GERMANY D WELLE	0000-0100	sAs	9885l 13780l
GERMANY D WELLE	0300-0400	As	12005l 15595t
GERMANY D WELLE	0400-0500	Af	6180s 7240k 13840d 15400t
GERMANY D WELLE	0500-0530	Af	6180s 7430u 9480k
GERMANY D WELLE	0600-0630	Af	9545s 15275k
GERMANY D WELLE	0900-1000	As	15640S 17820l
GERMANY D WELLE	1600-1700	As	6170t 15410u
GERMANY D WELLE	1900-1930	Af	6150k 9735t 11795u 17610s
GERMANY D WELLE	2000-2100	Af	6150k 11795u 11865s
GERMANY D WELLE	2100-2200	Af	9735s 11865k 15275s 15640k
VOICE OF GREECE	0515-0530	Eu	11645 Saturday
VOICE OF GREECE	0530-0555	Eu	11645 Sunday
VOICE OF GREECE	1255-1355	Eu As Pa	9420 15630 Sunday
KTWR GUAM	0820-0900	sAs	15170 Sunday to Friday
KTWR GUAM	0830-0910	Pa	11840 Monday to Saturday
KTWR GUAM	1500-1535	SA	11620 (Monday and Thursday 1500-1525)
ALL INDIA RADIO	1000-1100	Pa As	7270 13695 15020 15260 15410 17510 17800 17895
ALL INDIA RADIO	1330-1500	sAs	9690 11620 13710
ALL INDIA RADIO	1745-1945	Eu Af	7400 7410 7550 9415 9445 11580 11670 11935
ALL INDIA RADIO	2045-2230	Eu Pa	7550 9445 9910 11620 11670 11715
ALL INDIA RADIO	2245-0045	As	6055 7305 9705 9950 11645 13605

VOICE OF INDONESIA	0200-0300	As Am	9525
VOICE OF INDONESIA	0800-0900	As Am	9525
VOICE OF INDONESIA	1000-1100	As Am	9525
VOICE OF INDONESIA	1300-1400	As Am	9525
VOICE OF INDONESIA	1900-2000	As Am	9525
VoIR IRAN	0330-0430	NA	9605 11920
VoIR IRAN	1030-1130	seAs	21630 25820
VoIR IRAN	1530-1630	seAs	9600 11945
VoIR IRAN	1930-2030	Eu Af	5940L 6205 7215 9780 9800
IRELAND RTE	1930-2030	Af	5840m
IRELAND	1500-2230	Eu	3910 6295 12255 Reflections Europe Sunday
IRRS	0800-0900	Eu ME Af	9510 Saturday
IRRS	0930-1200	Eu ME Af	9510 Sunday
IRRS	1800-2000	Eu ME Af	7290 Friday, Saturday and Sunday
RADIO JAPAN	0500-0530	Eu/NA/Af	5975u/ 6110c/11970F
RADIO JAPAN	1000-1030	As/Pa	9605 / 9625 9840
RADIO JAPAN	1200-1230	NA/As	6120c/ 9695
RADIO JAPAN	1300-1330	As	15735T
RADIO JAPAN	1400-1430	As/Af	11705 15735T/21560F
KOREA KBS WORLD R	0200-0300	LA	9580
KOREA KBS WORLD R	0800-0900	As	9570
KOREA KBS WORLD R	1200-1300	NA	9650c
KOREA KBS WORLD R	1300-1400	As	9570
KOREA KBS WORLD R	1600-1700	Eu/As	9515/ 9640
KOREA KBS WORLD R	1800-1900	Eu	7275
KOREA KBS WORLD R	2100-2130	Eu	3955u
VO KOREA PYONGYANG	0100-0200	As/LA	7200 9345 9730/ 11735 13760 15180
VO KOREA PYONGYANG	0200-0300	seAs	13650 15100
VO KOREA PYONGYANG	0300-0400	As	7200 9345 9730
VO KOREA PYONGYANG	1000-1100	seAs/LA	11710 15180/ 11735 13650
VO KOREA PYONGYANG	1300-1400	Eu/NA	13760 15245/ 9335 11710
VO KOREA PYONGYANG	1500-1600	Eu/NA	13760 15245/ 9335 11710
VO KOREA PYONGYANG	1600-1700	ME Af	9990 11545
VO KOREA PYONGYANG	1800-1900	Eu	13760 15245
VO KOREA PYONGYANG	1900-2000	ME Af	7210 9975 11535 11910
VO KOREA PYONGYANG	2100-2200	Eu	13760 15245
RADIO KUWAIT	1800-2100	Eu	15540
LIBYA VO AFRICA	1400-1600	Af	17725
VOICE OF MALAYSIA	0600-1000	As Pa	6175 9750 15295
MOLDOVA RADIO PMR	1730-1800	Eu	9665 Monday to Friday
MOLDOVA RADIO PMR	1930-2000	Eu	9665 Monday to Friday
MOLDOVA RADIO PMR	2130-2200	Eu	9665 Monday to Friday
VOICE OF MONGOLIA	1030-1100	As	12085
VOICE OF MONGOLIA	1530-1600	As	12015
TWR MONTE CARLO	0700-0750	Eu	6105N 9800 (Saturday 0715-0750, Sunday 0645-0750)
RADIO NETHERLANDS	1000-1100	As	12065p 15110p
RADIO NETHERLANDS	1400-1500	As	9800l 11835t
RADIO NETHERLANDS	1800-1900	Af	6020t 15495w
RADIO NETHERLANDS	1900-2000	Af	7425t 11610k 15495w
RADIO NETHERLANDS	2000-2100	Af	7425t 11610k
RADIO NEW ZEALAND	0459-0658	Pa	11725
RADIO NEW ZEALAND	0659-1058	Pa	6170
RADIO NEW ZEALAND	1059-1258	Pa	9655
RADIO NEW ZEALAND	1300-1550	Pa	6170

RADIO NEW ZEALAND	1551-1750	Pa	7440
RADIO NEW ZEALAND	1751-1850	Pa	9615
RADIO NEW ZEALAND	1851-2150	Pa	11725
RADIO NEW ZEALAND	2151-0458	Pa	15720
VOICE OF NIGERIA	0445-0700	Eu Af	15120
VOICE OF NIGERIA	0900-1500	Eu Af	9690
VOICE OF NIGERIA	1500-1600	Eu Af	15120
VOICE OF NIGERIA	1800-1900	Eu Af	15120
VOICE OF NIGERIA	1900-2000	Eu Af	7255
RADIO OMAN	0300-0400	Af	15355
RADIO OMAN	1400-1500	Eu	15140
RADIO PAKISTAN	0905-0910	Eu	15725 17720
RADIO PAKISTAN	1100-1104	Eu	15725 17720
PALAU KHBN	0030-0100	As	15700 Sunday
PALAU KHBN	0130-0200	As	15700 Sunday
PALAU KHBN	0200-0300	As	17800 Sunday
PALAU KHBN	0300-0400	As	17800 Sunday-Friday
PALAU KHBN	0430-0500	As	17800 Sunday
PALAU KHBN	0530-0700	As	17800 Sunday
PALAU KHBN	0800-1100	As	9930
PALAU KHBN	0900-0930	As	15700 Sunday
PALAU KHBN	0900-1000	As	15700 Monday, Tuesday, Wednesday, Thursday, Saturday
PALAU KHBN	1200-1400	As	9930 Sunday, Tuesday, Thursday, Saturday
PALAU KHBN	1400-1500	As	9930 Saturday
Carries religious broadcasters, mainly in English			
RADIO PILIPINAS	0200-0330	As	11880 15285 17700
POLAND POLISH RADIO	1200-1300	Eu NA	11675M 11980u
POLAND POLISH RADIO	1800-1900	Eu	9770M
RADIO ROMANIA INT	0100-0200	NA	7385 9580
RADIO ROMANIA INT	0400-0500	NA SAs	7335 9645 11895 15340
RADIO ROMANIA INT	0530-0600	Eu Pa SAs	9655 17760 21500
RADIO ROMANIA INT	1100-1200	Eu Af	15210 15430 17510 17670
RADIO ROMANIA INT	1700-1800	Eu	11735
RADIO ROMANIA INT	2030-2100	Eu NA	11880 11940
RADIO ROMANIA INT	2300-2400	Eu NA As	5960 7435 9790 11940
VOICE OF RUSSIA	0200-0300	NA LA	7440U 9665 15425
VOICE OF RUSSIA	0300-0400	NA LA/As	9665 15425 /15585
VOICE OF RUSSIA	0400-0500	NA/As	13775 /15585
VOICE OF RUSSIA	0500-0600	NA	13775
VOICE OF RUSSIA	0600-0900	Pa	15405
VOICE OF RUSSIA	0900-1100	As	15170
VOICE OF RUSSIA	1100-1200	As	12065
VOICE OF RUSSIA	1200-1300	As	11500
VOICE OF RUSSIA	1300-1400	As	12065
VOICE OF RUSSIA	1400-1500	As	4975 11500
VOICE OF RUSSIA	1500-1600	Eu/Af/As	12040 /11985 / 4975 9660
VOICE OF RUSSIA	1600-1700	Eu/Af/As	12040 /11985 / 1251 4975
VOICE OF RUSSIA	1700-1800	Eu/Af/As	12040 /11985 / 1251 1269 4975
VOICE OF RUSSIA	1800-1900	Eu Af/As	12040 / 4975
VOICE OF RUSSIA	1900-2100	Eu Af	12040
VOICE OF RUSSIA	2200-2300	Eu NA LA	9800
VOICE OF RUSSIA	2300-0200	NA LA	9665 9800
S ARABIA R RIYADH	0930-1230	Af	15250
INT RADIO SERBIA	0130-0200	NA	9685 Monday to Saturday
INT RADIO SERBIA	1300-1330	eU	9635
INT RADIO SERBIA	1830-1900	Eu	6100
INT RADIO SERBIA	2100-2130	Eu	6100
RADIO SLOVAKIA INT	0030-0100	NA	9955 via WRMI

S AFRICA CHANNEL AF	0300-0400	Af	3345 5980	Monday to Friday
S AFRICA CHANNEL AF	0400-0500	Af	3345	Monday to Friday
S AFRICA CHANNEL AF	0500-0800	Af	7230	Monday to Friday
S AFRICA CHANNEL AF	0800-1200	Af	9625	Monday to Friday
S AFRICA CHANNEL AF	1500-1600	Af	9625	Monday to Friday
S AFRICA CHANNEL AF	1700-1800	Af	9675	Monday to Friday
S AFRICA R LEAGUE	0800-0900	sAf cAf	7205 17570	Sunday
S AFRICA R LEAGUE	1630-1730	sAf	3230	Monday
REE SPAIN	0000-0100	NA	6055	
REE SPAIN	1900-2000	Eu Af	9665 11610	Monday to Friday
REE SPAIN	2100-2200	Eu	9650	Saturday and Sunday
SLBC SRI LANKA	0125-0300	As	6005 9770 15745	(0125-0500 Sunday)
SWAZILAND TWR	0255-0325	Af	3200	Sunday
SWAZILAND TWR	0500-0600	Af	4775 9500	
SWAZILAND TWR	0600-0800	Af	4775 6120 950	
SWAZILAND TWR	1425-1455	Zimbabwe	4760	
SWAZILAND TWR	1525-1555	Zimbabwe	4760	Saturday and Sunday
SWAZILAND TWR	1700-2000	Af	3200 (-2030	Saturday)
SWAZILAND TWR	1800-1900	Af	9500 (-1830	Monday)
SYRIA R DAMASCUS	2100-2200	Eu NA	9330 12085	
12085 is on the air irregularly				
R TAIWAN INT	0100-0200	SAs	11875	
R TAIWAN INT	0200-0300	ENAs	5950f 9680f	
R TAIWAN INT	0300-0400	WNA/SEAs	5950f/15320	
R TAIWAN INT	0500-0600	WNA	6875f	
R TAIWAN INT	1100-1200	SEAs	7445 11715	
R TAIWAN INT	1600-1700	As	9435 15485F	
R TAIWAN INT	1700-1800	Af	15690F	
R TAIWAN INT	1800-1900	Eu	6155F	
TAJIKISTAN VO TAJIK	1300-1400	ME	7245	
RADIO THAILAND	0000-0030	NA	15275	
RADIO THAILAND	0030-0100	NA	15275	
RADIO THAILAND	0200-0230	NA	15275	
RADIO THAILAND	0530-0600	Eu	17655	
RADIO THAILAND	1230-1300	Pa	9890	
RADIO THAILAND	1400-1430	Pa	9575	
RADIO THAILAND	1900-2000	Eu	7205	
RADIO THAILAND	2030-2045	Eu	9680	
VOICE OF TURKEY	0300-0400	Eu NA/As	9515/ 6165	
VOICE OF TURKEY	0400-0500	Eu NA/As	9655	
VOICE OF TURKEY	1230-1330	Eu NA	15450	
VOICE OF TURKEY	1630-1730	As	15520	
VOICE OF TURKEY	1830-1930	Eu	9785	
VOICE OF TURKEY	2030-2130	As Pa	7205	
VOICE OF TURKEY	2200-2300	Eu NA	9830	
UK BIBLE VOICE	0030-0100	SEAs	7405w	Friday, Saturday, Sunday
UK BROADCASTING	0700-0730	WEu	5945w	Sunday (0700-0745 Saturday)
UK NETWORK	1405-1435	China	9345A	Saturday and Sunday
UK	1415-1500	SEAs	17495F	Sunday (Saturday 1400-1500)
UK	1500-1515	SEAs	13740N	Sunday
UK	1530-1600	SEAs	15275F	Thursday (Saturday 1515-1545)
UK	1530-1815	ME	13590N	Sunday (1545-1600 Mon, 1545-1615 & 1700-1720 Tu, 1545-1600 We, 1545-1645 Th, 1545-1615 Fr, 1545-1730 Sat)
UK	1800-1815	Iran	11855N	Saturday
UK	1800-1900	ME	9430N 11960W	Saturday (1800-1845 Sunday)
UK	1800-1900	EEu	6030w	Sunday (Saturday 1815-1845)
USA KJES	0100-0230	NA	7555	
USA KJES	1300-1500	NA	11715	

USA KJES	1800-1900	Pa CAm	15385
USA KNLS	1000-1100	FE	11870
USA KNLS	1200-1300	FE	11870
USA KNLS	1500-1600	FE	9920
USA OVERCOMER MINISTRY	1400-1600	Eu Af	9655M 13810N 17485w
USA PAN AMERICAN	1400-1430	SAs	15205w Sunday
USA BROADCASTING	1415-1430	SAs	15205w Monday to Saturday
USA	1430-1445	SAs	15205F Sunday
USA	1930-2015	ME	9515N Sunday
USA	1930-2030	ME	9515N Saturday
USA VOA	0300-0400	Af	4930 6080 9855 15580
USA VOA	0400-0500	Af	4930 4960 6080 <9855 11670 15580
USA VOA	0500-0600	Af	4930 6080 9885 15580
USA VOA	0600-0700	Af	6080 11670 15580
USA VOA	1400-1500	Af	4930 6080 15580 17650 17715
USA VOA	1500-1600	Af	4930 6080 12080 15580 17545
USA VOA	1600-1700	Af	4930 6080 15580
USA VOA	1700-1800	Af	6080 12015 15580 17895
USA VOA	1800-1900	Af	4930> 6080 9850 12015 15580 (Sat&Sun 4930 1800-1900)
USA VOA	1900-2000	Af	4930 4940 6080 <9850 15580 <17895
USA VOA	2000-2100	Af	4930 <4940 6080 15580 (Sat&Sun 4940 2000-2100)
USA VOA	2100-2200	Af	6080 15580
USA VOA	2030-0030	Afgh	7555
USA VOA	1500-1600	Eu ME	13570 15530
USA VOA	2000-2100	Eu ME	5930 9480 Monday to Friday
USA VOA	0100-0200	FE SAs Pa	7430 9780 11705
USA VOA	1200-1300	FE SAs Pa	7575 9510 12075 12150
USA VOA	1300-1400	FE SAs Pa	7575 9510 9760 12150 Saturday and Sunday
USA VOA	1400-1500	FE SAs Pa	7540 7575 12150 Monday to Friday
USA VOA	1500-1600	FE SAs Pa	7540 7575 12150
USA VOA	2200-2300	FE SAs Pa	5895 5915 7480 7575 11955 Sunday to Thursday
USA VOA	2300-2400	FE SAs Pa	5895 5910 7575 11955
USA VOA	1630-1700	Sudan	9675 12015 13870 Monday to Friday
USA VOA	1730-1800	Zimbabwe	4930 12130 15730 (1720-1740 & 1810-1820 Fri, 1720-1740 Sat, Sun)
USA WBCQ	0000-0400	NA	5110 Monday
USA WBCQ	0100-0400	NA	5110 Tuesday to Saturday
USA WBCQ	0100-0400	NA	15420 Tuesday to Saturday
USA WBCQ	0000-2400	NA	9330
USA WBCQ	1700-2100	NA	15420 Sunday to Friday
USA WBCQ	1400-2100	NA	15420 Saturday
USA WBCQ	1900-0400	NA	7415
USA WBCQ	2100-0200	NA	5110 Saturday
USA WBCQ	2200-0300	NA	5110 Sunday
USA WEWN	0000-1000	Af ME	11520
USA WEWN	1000-1200	SEAs	9390
USA WEWN	1200-1400	Af ME	13680
USA WENW	1400-2400	Af ME	15610
USA WHRI	0000-0100	EuAf NA	5920 7315 9860
USA WHRI	0100-0200	EuAf NA	5920 7315 9840 9860
USA WHRI	0200-0300	EuAf NA	5920 9840 9860
USA WHRI	0300-0400	EuAf NA	5920 7385 9840
USA WHRI	0400-0500	EuAf NA	5920 7385 9825
USA WHRI	0500-0800	EuAf NA	7385 9825 11565
USA WHRI	0800-0900	EuAf NA	7385 11565
USA WHRI	0900-1000	EuAf NA	7385 9825 11565
USA WHRI	1000-1100	EuAf NA	7385 7400 11565
USA WHRI	1100-1300	EuAf NA	7385 9410 11565
USA WHRI	1300-1400	EuAf NA	7385 9840 11565
USA WHRI	1400-1500	EuAf NA	7385 9840 17510
USA WHRI	1500-1600	EuAf NA	7385 9840 15195 17510
USA WHRI	1600-2000	EuAf NA	7385 9840 17520

USA WHRI	2000-2100	EuAf NA	7385 15665
USA WHRI	2100-2200	EuAf NA	7385 13660
USA WHRI	2200-2300	EuAf NA	9850 13620 17820
USA WHRI	2300-2400	EuAf NA	7315 9850 9860 17820

Not all frequencies used daily. Station broadcasts in English, Spanish, Russian and Hmong.

USA WINB	1030-1200	NA	9265
USA WINB	1200-2100	NA	13570
USA WINB	2100-0230	NA	9265
USA WINB	0300-1030	NA	9280 9410

Registered frequencies shown, actual usage unclear at deadline

USA WJHR	1400-2200	NA	15550
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Station broadcasts in USB

USA WRMI	0000-2400	LA	9955
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Station carries English and Spanish programming, World Radio Network relays where time unsold

USA WRNO	0200-0500	NA	7505
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Station inactive at deadline

USA WTJC	0000-2400	NA	9370
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USA WTWW	1300-0000	NA	9479
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USA WTWW	0000-1300	NA	5755
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USA WWCR	0000-0100	NA	4840 5935 7465 9980
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USA WWCR	0100-0200	NA	3215 4840 5935 9980
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USA WWCR	0200-0900	NA	3215 4840 5890 5935
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USA WWCR	0900-1100	NA	4840 5935 5890 9985
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USA WWCR	1200-1500	NA	7490 9980 13845 15825
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USA WWCR	1500-2100	NA	9980 12160 13845 15825
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USA WWCR	2100-2400	NA	7465 9350 9980 13845
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USA WWRB	0100-0400	NA	2390 3185 5050 5745
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USA WWRB	0400-1200	NA	2390 3185 5050
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USA WWRB	1200-1300	NA	2390 5050 9385
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USA WWRB	1300-2100	NA	9385
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USA WWRB	2100-2200	NA	3215 9385
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USA WWRB	2200-0100	NA	2390 3215 5050 5745 9385
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Registered frequencies, actual schedule dependent on time booked, frequency choice

USA WYFR	0000-0100	NA/LA	5950 6985 9505 15440 / 7360F 7520
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USA WYFR	0100-0200	NA/Af	6985 9505 15440/ 9830
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USA WYFR	0200-0300	NA/LA	6985 9505 11835/ 5930G 5985 6100F 9385
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USA WYFR	0300-0400	NA/LA	6985 9505/ 11740 15255
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USA WYFR	0400-0500	NA	5985 6985 9505 9680 9715
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USA WYFR	0500-0600	NA	5985 9680
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USA WYFR	0600-0700	NA/LA	9680 / 5850 11580
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USA WYFR	0600-0700	Eu/Af	7520 / 11530
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USA WYFR	0700-0800	NA/LA	5950 5985 6875 / 9505
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USA WYFR	0700-0800	Eu/Af	7520 / 9385
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USA WYFR	0800-0900	NA/Af	5950 5985 6875 / 9385
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USA WYFR	0900-1000	NA/As	5985 6875 9755 / 9465v
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USA WYFR	1000-1100	NA/As	5950 5985 6875 9755 / 9450r 9465v 15560A
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USA WYFR	1100-1200	NA/LA/As	5950 5985 9755 / 7730 9550 9625 / 7300r
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USA WYFR	1200-1300	NA/LA	5950 5985 6875 17795 / 17555
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USA WYFR	1300-1400	NA/As	11830 11865 11910 17795 / 11520v 12155v 13820A
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USA WYFR	1400-1500	NA/As	11830 11910 13695 17795 / 9365T
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USA WYFR	1500-1600	NA/LA/Af	11830 11910 17795 / 15770 / 17580
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USA WYFR	1500-1600	As/Af	6280v 11570i 11605d 15210i 15520d (11570, 15210 1530-1600)
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USA WYFR	1600-1700	NA/LA	11830 11865 13695 17795 / 6085
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USA WYFR	1600-1700	Eu/Af/As	17555 18980 / 17545a 21525 / 11850d
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USA WYFR	1700-1800	Eu/Af/NA	17555 18980 / 7385t 7395t 17545a/13690 17795
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USA WYFR	1800-1900	Eu/Af	18980 / 7395t 9770d 9830u 17845
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USA WYFR	1800-1900	NA	13615 13690 17795
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USA WYFR	1900-2000	NA/LA	13615 13690 17795 / 6085
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USA WYFR	1900-2000	Eu/Af	18930 18980 / 3230m 7270m 7395t 9775d 17845
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USA WYFR	2000-2100	Eu/Af	7540U 9850 17750 18980/ 11690a 12060a 15195a 17845
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USA WYFR	2000-2100	NA/LA	13615 17795 /17725
USA WYFR	2100-2200	Eu/Af/NA	7540U 18980/ 7425W 9610W 12060a 17845/13615 13690 17795
USA WYFR	2200-2300	NA/Af	5950 11740 15440 /15770
USA WYFR	2300-2400	NA/LA	5950 11740 15440 /11580 15255 .
VATICAN RADIO	0140-0200	As Pa	7335 9580 (from Sep 4) 11730 (to Sep 3)
VATICAN RADIO	0250-0320	NA	6040c(from Sep 4) 7310 9610c(to Sep 3)
VATICAN RADIO	0300-0330	Af	7360 9660t
VATICAN RADIO	0310-0330	As	15460 via Radio Veritas, Philippines
VATICAN RADIO	0500-0520	Eu	4005 5965 7250
VATICAN RADIO	0500-0530	Af	9660t 11625 13765
VATICAN RADIO	0630-0645	Eu AsPa	4005 5965 7250 9645 11740 15595
VATICAN RADIO	0630-0700	Af	11625 13765 15570
VATICAN RADIO	1200-1215	NA	13730c Monday to Saturday
VATICAN RADIO	1530-1550	As Pa	11850 13765 15235
VATICAN RADIO	1615-1630	Eu	4005 5885 7250 15595
VATICAN RADIO	1730-1800	Af	11625 13765 15570
VATICAN RADIO	1950-2020	Eu	4005 5885 7250 9645
VATICAN RADIO	2000-2030	Af	7365 9755 11625
VENEZUELA R NAT	1100-1200	LA/NA	6060h
VENEZUELA R NAT	1500-1600	LA/NA	11680h
VENEZUELA R NAT	2300-2400	LA/NA	13680h 15250h

Spanish and English programming

VOICE OF VIETNAM	0100-0130	NA	6175c
VOICE OF VIETNAM	0230-0300	NA	6175c
VOICE OF VIETNAM	0330-0400	NA	6175c
VOICE OF VIETNAM	1000-1030	As	9840 12020
VOICE OF VIETNAM	1100-1130	As	7285
VOICE OF VIETNAM	1130-1200	As	9840 12020
VOICE OF VIETNAM	1230-1300	As	9840 12020
VOICE OF VIETNAM	1330-1400	As	9840 12020
VOICE OF VIETNAM	1500-1530	SEAs	7285 9840 12020
VOICE OF VIETNAM	1600-1630	Eu SEAs	7220 7280 9550 9730
VOICE OF VIETNAM	1700-1730	Eu	9625M
VOICE OF VIETNAM	1900-1930	Eu	7280 9730
VOICE OF VIETNAM	2030-2100	Eu As	7220 7280 9550 9730
VOICE OF VIETNAM	2330-2400	As	9840 12020

YEMEN RADIO SANA'A	0600-0700	ME Af	9780
YEMEN RADIO SANA'A	1800-1900	ME Af	9780

ZAMBIA CHRISTIAN V	0500-1700	Saf	6065
ZAMBIA CHRISTIAN V	0600-2000	Waf	13590
ZAMBIA CHRISTIAN V	1700-0500	Saf	4965
ZAMBIA CHRISTIAN V	2000-2200	Waf	9505

Programming on the Southern Africa service is mostly in native languages



World DX Club

A British Based DX Club

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Joe Carr's Receiving Antenna Handbook A guide to high performance receiving antennas from longwave to HF and VHF.	\$19.95 +4.60 s/h US +8.00 s/h Can.
Joe Carr's Loop Antenna Handbook Comprehensive but readable guide to understanding and building loop antennas.	\$16.50 +4.60 s/h US +8.00 s/h Can.
Radio Monitoring: the How-to Guide by Skip Arey. Guide for new listeners to MW, HF, VHF and above.	17.95 +4.60 s/h US +8.00 s/h Can.
World Radio and TV Handbook 2010 Long considered to be the bible for shortwave listeners.	\$26.90 +4.60 s/h US +8.00 s/h Can.
Fine Tuning's Proceedings Reprint Catalogs Complete list of articles from this hobby classic. Choose from 1) 5 page version with article titles or 2) 20 page version with article abstracts.	1) \$2.00 ppd 2) \$5.00 ppd
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WRTH CD Set Both WRTH CDs for a special price	\$99.00 ppd
NASWA Country List and Awards Program Booklet	\$3.00 PP US \$5.50 elsewhere
NASWA Coffee Mugs 11 oz. white mug with the club logo on two sides. Return of a favorite with the club logo in NASWA blue.	\$5.50 +5.50 s/h US +10.00 s/h Can.
NASWA Ball Caps NASWA blue ball cap with velcro closure and NASWA logo embroidered on the front	\$12.00 \$4.60 s/h US \$8.00 s/h Can.

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