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In This Issue:

DX Test Information...	2
Broadcasting Information...	3
Western DX Roundup...	4
Central DX Roundup...	4
Eastern DX Roundup...	5
DX Worldwide West...	6
DX Worldwide East...	9
IRCA Countries List...	10
Volume 52 Schedule...	16

FROM THE EDITOR-IN-CHIEF

There's still time to make plans to attend the 50th Anniversary IRCA Convention in Billings, MT. Information for the event is on this page. If you can't make it to Billings, maybe a trip to Madison, WI is in order? Details of the Wisconsin GTG on page 2. This issue brings Volume 51 to a close; it's hard to believe that DX Monitor went electronic only a year ago! John and Nancy Johnson are now situated in Arizona; I'm sure they are getting used to the hot and dry weather this time of year. My last DX Worldwide East is in this issue, along with the IRCA Countries List and the schedule for Volume 52, along with an announcement on the new DX Test coordinator. Thanks to all of you for your support in this Volume.

2014 IRCA 50th ANNIVERSARY CONVENTION – BILLINGS, MONTANA

The 2014 IRCA 50th Anniversary Convention will be held in Billings, Montana on September 19th and 20th. John and Nancy Johnson of Mesa, Arizona are your convention hosts and will arrive a couple of days before the convention. The convention will be held at the Lexington Inn & Suites by Vantage located at 3040 King Avenue West. IRCA members are eligible to receive a special room rate of \$95.00(US) per night plus 7% Lodging Tax & \$1.00(US) TBID fees. A limited block of rooms have been set aside so you will want to make your reservations early. Please mention "IRCA-International Radio Club of America" when making your reservation for the special IRCA member's rate. You may call them directly at 406-294-9090 or toll-free 1-877-488-4649. You will need to give them a credit card number and check-in and check-out dates. They do offer an airport shuttle. The parking area is quite large.

With this rate you will enjoy the following COMPLIMENTARY top quality amenities to enhance your stay

- A 100% SMOKE-FREE and PET FREE to ensure a healthy environment,
- Guest rooms featuring beautiful furniture, sitting areas, spacious bright bathrooms, pillow-top mattresses, upgraded bed and bath linens and exceptionally quiet rooms,
- New Panasonic flat-screen TVs, iHome radios
- Comfortable and well-lit workspaces with secure high-speed internet desk access,
- Voice mail and free local calls within the (406) area code,
- Free Internet – wired and wireless
- Indoor swimming pool with hot tub, changing room and outdoor patio, fitness center
- Hot continental breakfast. Some gluten-free items available for purchase.

For more information about Lexington Inn & Suites by Vantage go to LexingtonBillings.com Radio station tours will be scheduled for Friday morning and afternoon. A tour of Connoisseur Media's stations is almost finalized. Stations include News-talk KYA-730, ESPN KBLG-910, Sky KRKX-94.1, The Zone KRZN-96.3, MY 105.9 KWMY, and KLPN-106.7 The Planet. Details will be updated as more tours are added. There will also be a tour of KTVQ 2.1 / Billings CW 2.2 on Friday evening to watch a live production of the 10 PM News. Tours are subject to availability of guides and may be subject to change.

Hungry? You'll discover Billings, Montana is filled with numerous places to eat. There is a Johnny Carino's adjacent to the convention hotel. A few blocks away there is a Pizza Ranch where we will gather on Friday evening. IRCA will pay for this event. Pizza Ranch is a buffet facility featuring pizza

and broasted chicken. You can even ask for them to make a pizza your way. The Saturday night convention banquet will be held at the Montana Rib and Chop House.

Registration for club* members is just \$35.00(US) (Does NOT include the banquet – details of the banquet will be announced later). Non-club member's registration is \$50.00(US) which includes a one year membership in the IRCA. (Hint: Save money, a one year membership in the IRCA is less than the increased registration fee for non-members. Join the IRCA now.) You may pay in advance by check or PayPal. If paying by PayPal, please add \$1.00(US) to cover the \$1.34(US) additional charges added on by PayPal. Use this PayPal address: john@johninmontana.com and include a message that the money is for the IRCA convention registration. If paying via check, make that out to John C. Johnson and mail to **2922 S Olivewood, Mesa, AZ 85212-2923**. *Club membership in IRCA, NRC, or WTFDA qualifies for the \$35.00(US) registration fee. Non club members are encouraged to join the IRCA.

More details about the convention will be announced later. Check out the IRCA Facebook site too! If you have any questions please contact John Johnson at john@johninmontana.com

21ST ANNUAL MADISON-MILWAUKEE GET-TOGETHER – MADISON, WISCONSIN

If you cannot make the Golden Anniversary IRCA Convention in Billings, this could be a good alternative. The 21st annual Madison-Milwaukee Get-Together for DXers and Radio Enthusiasts will be held on Saturday, August 16, from 1300 to 2300 CDT. This year's hosts are Bill and Nina Dvorak; the event will take place at the Dvorak residence, located at 3358 Ridgeway Avenue in Madison, WI. For more information, send an E-mail to dxerak@gmail.com (please include "Madison DX GTG" in the subject line). The postal address is **3358 Ridgeway Avenue, Madison, WI 53704-4327**. You may also contact Bill via land line at (608) 244-5497. When you E-mail, write or call, make sure you mention IRCA! (From "The NASWA Journal", July 2014 edition.)

FROM THE PRESIDENT (Phil Bytheway)

We are currently seeking a volunteer to compile the **IRCA Slogans List**. Contact me if interested in either position or have concerns about IRCA. Pb

DX TESTS – BROADCAST TEST COORDINATOR

Brandon Jordan – P.O. Box 338 – Rossville, TN 38066

Email: bdjorda@gmail.com

Brandon Jordan is our new DX Tests co-ordinator, working for both IRCA and NRC. He has established the above PO Box/email for correspondence. He is also available at 901-592-9847 or FAX: 866-240-4221.

Brandon has registered dxtests.net url and will be working on getting a Wordpress blog set up in preparation for the upcoming season. He is also anticipating former DX Test workers to be assisting him in his efforts. In addition, he is also considering arranging DX tests on SW stations.

DX Tests are "arranged" with various AM stations across the US and Canada. A **DX Test** broadcast would most likely be conducted sometime in the overnight hours, between midnight and 6:00 am typically just after midnight, or just prior to 6 am. These are the best hours for an AM station to skip to distant locations.

DX Test broadcasts used to be popular during the early days of AM radio, and they continue to this day. When done overnight, they're perfectly within FCC regulations, as is broadcasting with full authorized power under the "Experimental Hours" rules of 47CFR73.72. In fact, stations have often combined **DX Tests** with needed maintenance work or proof-of-performance testing, and engineers have often told us that the reception reports they received indicated the quality and strength of their signal, and gave them an opportunity to see how far it travels under varying conditions.

Tests typically consist of tones and easily identifiable music such as marches, polkas or anything else you might classify as eclectic. This kind of material really cuts through the interference and makes a station easily recognizable. Morse code identifications using a 1000 Hz modulated tone are also widely used. Recordings for broadcast during a **DX Test** can be provided by our committee.

Please join us in welcoming Brandon on-board for the next DX season. We anticipate hearing from him often.



BROADCASTING INFORMATION

Robert J. Wien (KG6RJW/3) - 902 Hall Station Drive #104 - Bowie, MD 20721
Temporary Address: c/o Marriott Towneplace Suites, 4100 Kittredge St., Room 327,
Denver, CO 80239 (use until late August 2014)
E-mail: wienbob@aol.com **Column Deadlines: Saturdays**

DATE OF COLUMN: July 19, 2014

Column data span: July 05, 2014-July 19, 2014

Data courtesy of Stationintel.com, FCC database and member contributions

COLUMN DEADLINES: SATURDAYS

Please send your tips to the Email address above only and no other.
 Deadlines for column will be Saturdays. Thank you.

CALL CHANGES

FREQ	OLD CALL	CITY OF LICENSE	NEW CALL
900	WUAM	Watervliet, NY	WABY
930	WBCK	Battle Creek, MI	WTOU
1300	KWCK	Searcy, AR	KRZS
1450	WWNT	Dothan, AL	WDYG
1600	KLGA	Algona, IA	KLGZ

FORMAT, SLOGAN AND SILENT STATUS CHANGES

FREQ	CALL	CITY OF LICENSE	NEW INFORMATION
580	KMJ	Fresno, CA	old slogan: "KMJ Now 580", new: "KMJ Now 105.9"
790	KJRB	Spokane, WA	adds Talk as secondary format
860	KWRF	Warren, AR	adds WW1 Good Time Oldies
860	KWRF	Warren, AR	old slogan: "Timeless Classic Oldies", new: "Classic Oldies"
860	WAMI	Opp, AL	was silent, now Southern Gospel
950	WGOV	Valdosta, GA	old slogan: "El Lobo 950", new: "Magic 95"
950	WGOV	Valdosta, GA	was Regional Mexican, now Urban Adult Contemporary
960	WGRO	Lake City, FL	was silent, now Easy Listening
1050	KMTA	Miles City, MT	adds Westwood One Good Time Oldies
1050	WNES	Central City, KY	was Sports, now Classic Country
1090	KQNM	Milan, NM	now silent
1120	KTXW	Manor, TX	old slogan: "La Z 1120", new: "The Bridge 1120 AM"
1120	KTXW	Manor, TX	was Regional Mexican, now Christian Teaching
1160	WYLL	Chicago, IL	new: "1160 Hope for Your Life"
1160	WYLL	Chicago, IL	old slogan: "Chicago's Christian Talk"
1200	WEMM	Huntington, WV	now silent
1240	KEWE	Kahului, HI	changes frequency from 1250 kHz to 1240 kHz.
1240	KOKL	Okmulgee, OK	old slogan: "Hot Country 1240", new: "1240 The Brew"
1240	KOKL	Okmulgee, OK	was WW1 Hot Country, now WW1 Classic Hits
1240	WBAS	West Yarmouth, MA	was News/Talk, now new unknown format
1250	KZDC	San Antonio, TX	old slogan: "The Zone", new: "1250 ESPN San Antonio"
1250	WYKM	Rupert, WV	now silent
1300	KRZS	Searcy, AR	old slogan: "Arkansas News Talk 99.1", new: "AM 1300 The Champion"
1300	KRZS	Searcy, AR	was Talk, now Fox Sports Radio
1310	KEZM	Sulphur, LA	adds slogan: "Sports Radio 1310 KEZM"
1310	KEZM	Sulphur, LA	was Yahoo! Sports Radio, now WW1 NBC Sports Network
1340	KIKO	Miami, AZ	was silent, now Adult Contemporary
1340	WSBM	Florence, AL	old slogan: "1340 The Ref", new: "Fox Sports Shoals"
1360	WVRQ	Viroqua, WI	was Oldies, now Talk/Oldies
1410	WHLN	Harlan, KY	was Cumulus Hits and Favorites, now WW1 Adult Contemporary
1440	WDXQ	Cochran, GA	now silent
1450	WAOV	Vincennes, IN	deletes secondary unknown format
1450	WHTC	Holland, MI	new: "Holland's News Leader"
1450	WHTC	Holland, MI	old slogan: "Holland's Hometown Station"
1450	WWXL	Manchester, KY	was Classic Rock, now CBS sports, adds slogan: "Sports Talk 1450"
1460	WXBR	Brockton, MA	was Talk, now Ethnic
1490	WDUR	Durham, NC	was silent, now Ethnic
1560	WRSJ	Bayamon, PR	now silent

1580	WTCL	Chattahoochee, FL	now silent
1590	WTVB	Coldwater, MI	was Cumulus Classic Hits, now WW1 Classic Hits
1600	KLGA	Algona, IA	old slogan: "Hometown Country", new: "Hometown Country 1600"
1600	KLGA	Algona, IA	was WW1 Classic Country, now WW1 Mainstream Country

Lighter column this time. Well, hot in Denver the last few days here, flying back to Maryland for a week for OJT next w/e then back here for the final 3 weeks out here. Looks like Nancy & John are on their way to Arizona, good luck on the new place! At the same time, the IRCA convention is just a few months away, be sure to attend in Billings, MT, John and Nancy are great hosts! 73's. Bob Wien

WESTERN DX ROUNDUP

Nancy Johnson – 2922 S Olivewood – Mesa, AZ 85212-2923

E-mail: NancyJohnson@prodigy.net

WDXR DEADLINES: Aug. 15 and Aug. 29. Please use Eastern Time.

NEW ADDRESS: 2922 S Olivewood, Mesa, AZ 85212 (Please do not use "South" as that is incorrect)

REPORTERS FOR THIS ISSUE:

(RB) **Rick Barton**-POB 1804-El Mirage, AZ 85335 desertmoon_dxshack@inbox.com
 Grundig Sattelit 750, Panasonic RF-2200

840	KXNT	<u>NV</u> , Las Vegas 6/7 0745 Coast to Coast and man on negative vibes coming from Chicago area. (RB-AZ)
1120	KANN	<u>UT</u> , Roy 7/8 0015 religious pop/rock tunes, some announcements via male presenter. Very good, dominant on channel, with some local QRN (a number of T-storms in the area). (RB-AZ)
1140	KNWQ	<u>CA</u> , Palm Springs 7/5 0910 CBS news magazine type program, heard well and after daybreak with loop null of KXST, which also was coming in with very good signal level. (RB-AZ)
1600	KIVA	<u>NM</u> , Albuquerque 7/9 0900 "On the Rock of Talk," to news, Dan Patrick. Dominant and alone until 0906, mixing with unID playing trios norteno music. (RB-AZ)
1650	KBJD	<u>CO</u> , Denver 7/6 0909 religious lecture by man in Spanish. Good, trading off with unID. (RB-AZ)

Thank you to Rick for our column this issue. Note the new Meza, AZ address for WDXR reports! Nancy 7/14 2100

Thank you to all the reporters to WDXR VOL. 51:

REPORTER	NUMBER OF TIPS/NUMBER OF ISSUES
1. Rick Barton	200/25
2. Bill Block	152/24
3. Nigel Pimblett	65/14
4. Glen Hansen	47/7
5. Garry Stoklas	11/1
6. Dennis Gibson	9/3
7. Martin Foltz	5/3
Mike Sanburn	5/5
9. Larry Godwin	4/4
10. Patrick Martin	3/2
11. Bruce Portzer	2/1

CENTRAL DX ROUNDUP

John C Johnson – 2922 S Olivewood – Mesa, AZ 85212-2923

E-mail: John_Johnson@prodigy.net **CDXR reports ONLY: cdxr@ircaonline.org**

RIDING GAIN

[EB-MO] **Eric Bueneman**, Hazelwood, MO **NOUIHEric@aol.com**
 GE Superadio III, Yaesu FRG-7, Worcester Space Magnet II.

DOWN THE DIAL

- 800 KREI MO, Farmington. 7/9 fair signal over CKLW. 20:55 noted with NBC Sports Radio, local spots, "AM Eight-Hundred KREI Farmington, Park Hills, Caledonia" legal ID into sports update. [EB-MO]
- 990 WITZ IN, Jasper. 7/9 fair to poor signal in WCAZ null; second ACI from KXEN 1010. 20:32 noted with Adult Contemporary format, local spots, calls and "sports radio WITZ" slogan. [EB-MO]
- 1170 KRUE MN, Waseca. 7/9 fair to poor signal, mixing with KFAQ. 21:26 noted with Oldies format, "Crew Gold 11-70" ID. [EB-MO]
- 1210 WLRO LA, Denham Springs. 7/9 good to poor signal, mixing with WPHT. 21:10 noted with comedy sketch, "24-7 Comedy" net ID and local spots. [EB-MO]
- 1250 KCFI IA, Cedar Falls. 7/9 fair to poor signal, mixing with KDEI; ACI from WSDZ 1260. 21:19 noted with "Crusin' 12-50" ID in promo and local spots. [EB-MO]
- 1270 KFLC TX, Fort Worth. 7/9 fair to poor signal, mixing with WKBF. 21:32 noted with local spots and talk program in Spanish. [EB-MO]
- 1420 KPOC AR, Pocahontas. 7/9 fair to poor signal, mixing with KBTN, WIMS, WOC. 22:27 noted with "Stay with KPOC for the best in ESPN sports" mention and local spots. [EB-MO]
- 1430 KEZW CO, Aurora. 7/11 fair to poor, mixing with WDIC, WXNT, KSHJ. Local KZQZ off. 03:14 with "exclusively on KEZW" mention, into Adult Standards format. [EB-MO]
- KSHJ TX, Houston. 7/9 fair to poor signal, mixing with WDIC, WXNT and other stations. Local KZQZ off. 21:53 noted with Catholic teaching program, choral music; no ID at the top of the hour! [EB-MO]
- WDIC VA, Cinchco. 7/9 fair signal over WXNT. Local KZQZ off. 21:39 noted with Classic Country format, "Real Country" mention, "Nothing but the best Real Country for the corn fields, 14-30 WDIC" ID. [EB-MO]
- WYMC KY, Mayfield. 7/9 fair to poor through WDIC and other stations. Local KZQZ off. 21:59 with St. Louis Cardinals baseball PBP. First time noted on night pattern. [EB-MO]

50 & 25 YEARS AGO

50 Years ago (7-21-1964 issue) ... **Marvin E. Robbins** of Broomfield, CO logged KICS-1550 to make Nebraska 100% logged ... 25 Years Ago (7/18/1989 issue) ... **Karl Jeter** of Stone Mountain, GA told about attending the IRCA convention held in Sacramento, CA ... **David Reitz** of Fern Creek, KY also attended the convention and that was his first time to ever be on the west coast.

OPEN MIKE

This column was typed early, 7-13-14 to allow for all of our last minute packing for the big move to Mesa, Arizona. We'll be living in Mesa by the time this "DX Monitor" is published. 73, John

CDXR REPORTER TOTALS FOR VOLUME 51

1. [EB-MO] 224/22 Eric Bueneman, MO
2. [RD-NE] 47/4 Rick Dau, NE
3. [GH-OK] 16/10 Glenn Hauser, OK
4. [TMJ-IL] 15/7 Tom Jasinski, IL
5. [TN-WI] 7/2 Tim Noonan, WI
6. [NJ-MT] 1/1 Nancy Johnson, MT

EASTERN DX ROUNDUP

Eric Bueneman (NØUIH) – 631 Coachway Lane – Hazelwood, MO 63042-1347
E-mail: n0uiheric@aol.com DEADLINES: Thursday 2000 ELT

TUNING THE DIALS THIS ISSUE:

(KK-VA) Kraig Krist (KG4LAC), Manassas, VA
 Winradio G33DDC software-defined receiver, Wellbrook ALA1530S+ Imperium loop

ACROSS THE DIAL

- 670 WIEZ PA Lewistown – 7/6 1959 noted with "WIEZ Lewistown/Huntindgon/State College, AM 670" legal ID by a male announcer into ABC News. The signal was noted mixing with WSCR and an unidentified Spanish language station. (KK-VA) (Kraig, your Spanish is Radio Rebelde, CMB Santa Clara, Cuba-eb)
- 680 WINR NY Binghamton – 7/6 2033 noted with "...coming up tomorrow on Oldies 96-9" mention by a male announcer. The signal was noted mixing with WCBM, WPTF and WKAZ. (KK-VA)
- 680 WKAZ WV Charleston – 7/6 2055 noted with an "American Top 40" countdown from 1974, "WKAZ AM 680 Charleston and..." legal ID by a male announcer. The signal was noted mixing with WCBM, WPTF and WINR. (KK-VA)

- 690 WELD WV Fisher – 7/6 1959 noted with "This is your local station, WELD, The Voice of the Potomac Highlands, 690 AM Fisher, West Virginia" legal ID by a male announcer. The signal was noted mixing with WZAP, CKGM and an unidentified talk station. (KK-VA)
- 710 WFNR VA Blacksburg – 7/11 2042 noted with sign off: "We now conclude our broadcast day...710 WFNR Blacksburg" into the Star Spangled Banner. This is a new log at Manassas. The signal was noted mixing with WOR and an unidentified Spanish language radio station. (KK-VA) (Kraig, your Spanish is another Radio Rebelde station from Cuba. WAQI Miami, FL sends its night signal northwest toward St. Louis-eb)
- 720 WHYF PA Shiremanstown – 7/11 2000 noted with EWTN Catholic programming, "This is AM 720 WHYF" ID by a male announcer. The signal was noted mixing with WGCR, WGN and an unidentified Spanish language station. (KK-VA)
- 740 WMBG VA Williamsburg – 7/11 2006 noted with "You're listening to AM 740 WMBG Williamsburg, (the) radio station playing great music for (you and) yours." It seems strange, but sounded as I wrote it! The signal was noted mixing with WRNR and CFZM. (KK-VA)

EDITOR'S NOTES

Thanks to Kraig, we have EDXR to wrap up Volume 51! Thanks to those who have reported in this volume. Kraig Krist and John J. Rieger were our most frequent reporters to EDXR this volume. Thanks to all who contributed in Volume 51!

The new DX season is around the corner; now is an excellent time to check your antenna connections before the season starts!

Stay tuned later in this DXM for my final DX Worldwide East column as editor. Best of luck to Brandon Jordan as he resumes editorship of the column!

73 and good DX from Eric (NØUIH)

DX WORLDWIDE – WEST / TROPICAL BAND DX

Patrick Martin – PO Box 843 – Seaside OR 97138
E-mail: mwdxer@webtv.net all times UTC

Deadline 8/18 noon PLT. All times UTC/GMT.

TRANS PACIFIC DX ROUNDUP

No tips this time!

PAN AMERICAN DX ROUNDUP

- 710 **MÉXICO**, XEDP, Ciudad Cuauhtémoc, Chih, La Ranchera de Cuauhtémoc. 0601 7/8, again off-frequency het to the low side of KCMO. The pitch is hard to pin down on my keyboard, but tentatively circa F#3 below Middle C, which is 185 Hz. Choral Mexican NA is playing, which means it's in the UT -6 zone, fitting for the WSW DF. 0605 multiverse NA finally ends, and on to "Soy Soldado" super-patriotic, ultra-military recitation: 0608 Chihuahua state anthem, now overcoming KCMO even with AM tuning rather than LSB. Therefore it has to be XEDP, IRCA-listed day power of 5 kW and unknown at night or whether 24 hours. WRTH 2014 says 7 kW day, 100 watts night! XEDP is also a common catch around sunrise with much better reception, but when last heard some months ago was not audibly off-frequency. (GH-OK)
- + 0554 7/9, Mexican NA is ending, fanfare and into 'Soy Soldado' recitation, 0558 Chihuahua state anthem. XEDP, again going thru the same routine as last night but now 10 minutes earlier. AND, tonight it's not off-frequency to approx. 709.815 making an audible het, but within sub-audible-het range of KCMO; did they read my report in the meantime? But I think it has jumped off and on frequency before. (GH-OK)
- + 0501 7/12, XEDP is off-frequency again, making a LAH with KCMO. My keyboard barely reaches it at the low end, circa F below middle-C, or 175 Hz, vis-à-vis more like F# of 185 Hz the last time I checked, ie now 709.825 kHz or so. In cases like this, one wonders if station be alternating two different transmitters. (GH-OK)
- + 0545 7/16, tell-tale het again from XEDP, which jumps on and off frequency from one night to the next. I haven't yet noted whether it is a strict alternation. (GH-OK)
- + 0548 7/17 check, XEDP is off-frequency again tonight hetting KCMO on 710.0. (GH-OK)
- 760 **MÉXICO UnID**. 0306 7/5, no WJR, but dominant signal on caradio is Mexican, ad mentioning Parral, PSAs. However, there is no 760 in Hidalgo del Parral, Chihuahua; likely the usual occupant, XEES, Antena 7-60 in Chihuahua city, though listed by IRCA as only 500 watts at night, 1000 day. WRTH 2014, however says 10 kW fulltime, which is more like it, "Antena Musical." Cantú says 10/1 kW without the Musical. Take your pick. (GH-OK)

- 860 **MÉXICO**, XENL, Monterrey, NL. 0503 7/12, a nice NAFTA mix: French Canadian talk atop, certainly CJBC Toronto, vs CBS news from KKOW Kansas, and Mexican NA in the background, 0504 followed by full ID for Monterrey, ie XENL, 5/2 kW per IRCA. Too much QRM to copy details such as slogan, listed as "Radio Recuerdo, Canal 860." Predominant SAH of 2 Hz, almost matching the beat of the NA, so not sure which duo of the trio match and which mono is off. MW Offset list includes only CJBC which in January 2012 was 1.5 Hz high. I might not have caught this if there had been a Fox-hole on 960 KGWA which I was checking first at 0500. (GH-OK)
- 1620 **CUBA**. 0132 7/19, Music in Spanish occupies the null of WTAW, not //5025, presumed Radio Rebelde again relaying its FM network. (GH-OK)

TROPICAL BAND DX ROUNDUP (2300-5060)

- 3205 **PAPUA NEW GUINEA**. 3205 & 3385. 1140 7/8, shortly after sunrise here, JBA carriers on NBC frequencies, and a better unID one circa 3229. (GH-OK)
- 5049.22 **CUBA**. 0112 7/11, I notice a huge het upon 5050 WWRB which is again Brother Scaring while own programming is flipped on 3185 instead. At first little modulation can be extracted from the het, but then it's certainly Spanish, and guess what – Radio Rebelde is missing from 5025, so another huge SNAFU by the slopperators at Radio Cuba. Above frequency measured by 40 Hz clicks on the DX-398 compared to WWV on 5000.000. But on my keyboard, the het is somewhere between F#5 and G5, ie 740 and 784 Hz, and 780 Hz below 5050 would match 5049.22; assuming WWRB is on 5050.00, not confirmed, but surely close. Still the het at 0327 when I am very glad WOR is also on 3185 instead for the second week. At 0424 check WWRB is off and R. Rebelde is still on 5049+ with nothing to het. It'll stay there until somebody notices, maybe all night, still at 0509. (GH-OK)
- 5025 **CUBA**. 0113 7/12, by now Radio Rebelde is back on frequency after jumping to 5049.2+ for at least 12 hours UT July 11; so now BS from WWRB is in the clear again on 5050. (GH-OK)

THANKS TO THIS REPORTER

GH-OK **GLENN HAUSER**, Enid OK
 Mostly DX-398 or PL-880 with internal antenna only or Sony SRF-59, Nissan stock Car radio as specified; FRG-7 with E-W longwire as specified

"Cliffhanger" DXpedition to Rockwork 4 (south of Cannon Beach, OR)

Gary DeBock (in Cannon Beach, OR)
 7.5" loopstick Tecsun PL-380 Ultralight +
 New 15" Medium Wave DXpedition antenna

From July 13-19 this month another wild ocean cliff DXpedition was conducted at "Rockwork 4," a Highway 101 turnoff on the Oregon coast with a 400 foot (122m) straight-down plunge to the Pacific. As usual the DXing conditions were rough, with no weather protection, running water, street lights or shelter. Despite this the South Pacific DX at the ocean cliff site was exceptional, once again demonstrating the potent propagation boost that the sheer cliff seems to provide for transoceanic DX signals. The concept of enhanced ocean cliff transoceanic propagation seems to be gaining general acceptance in the MW-DXing community, and I was pleased to welcome noted Perseus-SDR DXpeditioner Chuck Hutton to the humble Highway 101 turnoff for joint DXing sessions on July 16th and 17th. We chased DU-DX independently with "Apples and Oranges" setups (Chuck's Perseus-SDR + small Flag antenna, and my PL-380 Ultralight radio + 15" FSL antenna), separated by about 100 feet of turnoff space.

As usual at this site the Medium Wave DX from New Zealand was especially favorable, with several "big gun" Kiwi stations having exceptionally strong signals on 7 out of 7 days. Very obscure New Zealand stations like 576-The Word (2.5 kW), 585-Radio Ngati Porou (2 kW), 702-Radio Live (10 kW) and 936-Chinese Voice (1 kW) also came in across the Pacific, while 558-Radio Fiji One and 1017-A3Z in Tonga made brief appearances. Overall the ocean cliff DXpedition was a thrilling experience, with South Pacific MW signals of legendary strength appearing almost daily. The Top Ten signals from the South Pacific are described below, along with MP3 recording links to enjoy the same unusual signals that make ocean cliff DXing so exciting. For those interested, a photo of the "Rockwork 4" DXpedition site is posted at <http://www.mediafire.com/view/2jtmctq7as74480/Rockwork-Sites-003.jpg>, and a new July 2014 Rockwork 4 DXpedition video (describing the design of the new 15" FSL antenna) is posted at <https://www.youtube.com/watch?v=INSSJIVV6Zg>.

Finally, an "Apples and Oranges" DXpedition video showing the separate DU-DXing setups used by Chuck and me on Wednesday and Thursday of last week is posted at <https://www.youtube.com/watch?v=tAZaY8b4Eec&feature=youtu.be>. If you are finding yourself a little bored in your DXing hobby, why not consider a visit to an ocean cliff site? A single DXing session will probably provide a permanent cure for any hobby boredom! In the list below, South Pacific signals which pegged the PL-380's S/N display at the 25 maximum are identified with a double asterisk (**).

- **531 **NEW ZEALAND**, PI, Auckland (5 kW.) The strength of this Samoan-language Kiwi station over the 7day trip was phenomenal – It pegged the PL-380 S/N every morning, and always kept the Australian co-channels way down. This particular signal at 1230 on 7/19 was the

strongest DU signal that I've ever heard in any DXpedition <http://www.mediafire.com/listen/bpi940b1byig1eo/531-PI-1230z071914PL380.MP3>.

- **567 **NEW ZEALAND**, RNZ, Wellington (50 kW.) This Kiwi big gun usually hit an exceptional strength level every morning, although it occasionally had issues with 570-Seattle splatter. With music, news and interviews, it was a convenient signal to confirm reception of other RNZ stations across the band <http://www.mediafire.com/listen/ei3fcu7fmpm7bs2/567-RNZ-130z071614PL380.MP3>.
- **594 **NEW ZEALAND**, NZ's Rhema, Timaru/Wanagnui (5 kW/2 kW.) This relatively low-powered Christian music broadcasting network blasted into the Cliff with this monster signal on 7/19 – the strongest that I've ever heard it. Holding strong on the frequency all week, it never allowed to Aussie big gun 3WV to manage a trace <http://www.mediafire.com/listen/zvag6239o66cyb9/594-NZ.Rhema-1252z071914PL380.MP3>.
- **603 **NEW ZEALAND**, Radio Waatea, Auckland (5 kW.) Maori language broadcaster plays a variety of Maori and American R & B music, and is parallel with fellow Maori broadcasters on 585 and 765 in NZ's early morning. This huge signal (with a Maori ID) showed up on the last day at the Cliff <http://www.mediafire.com/listen/6qo8rnrdrzl8st8/603-R.Waatea-1258z071914PL380.MP3>.
- **657 **NEW ZEALAND**, Southern Star, Wellington/Tauranga (50 kW/10 kW.) This Christian hymn broadcaster was a real Kiwi big gun on most mornings, although it typically had some domestic splatter issues. This potent signal was recorded during exceptional Kiwi propagation on 7/16 <http://www.mediafire.com/listen/y51tg4z4m9g22zb/657-SouthernStar-1224z071614PL380.MP3>.
- **702 **NEW ZEALAND**, Radio Live, Auckland (10 kW.) The potent signal of this obscure Kiwi station was one of the biggest surprises of the entire DXpedition. Usually buried by (or mixing with) Aussie big gun 2BL, it rode the freakish Kiwi propagation to this exceptional level on 7/13... all alone on the frequency <http://www.mediafire.com/listen/jkaprz63gp7g2i9/702-RadioLive-1238z071314PL380.MP3>.
- **738 **TAHITI**, Radio Polynesie, Mahina (20 kW.) This French-language blowtorch had no trouble pounding in each morning, completely shutting out both Aussie big gun 2NR and the obscure Kiwi, Radio Live. When it really blasted in (like with this pop music on 7/14), it could turn the tables, and throw splatter on the SF pest 740-KCBS <http://www.mediafire.com/listen/ms1ninvb3f14aud/738-R.Polynesie-1247z071414PL380.MP3>.
- **765 **NEW ZEALAND**, Radio Kahungunu, Napier-Hastings (2.5 kW.) The potent signals from this low-powered Maori broadcaster were nothing short of amazing. Parallel to other Maori stations on 585 and 603 during the early morning in NZ, it was almost always the strongest one of the three. It blasted in with this signal at 1217 on 7/14 <http://www.mediafire.com/listen/3w58t5463naik50/765-R.Kahungunu-1212z071514PL380.MP3>.
- **891 **AUSTRALIA**, 5AN, Adelaide (50 kW.) Although many Australian big guns were MIA during the DXpedition, this South Australian blaster certainly wasn't one of them. This blistering signal pounded into the Cliff at 1253 on 7/14, as the LR network big gun apparently rode a different propagation path than the MIA eastern Australian stations <http://www.mediafire.com/listen/r2l33tmlzxpza5/891-5AN-1253z071414PL380.MP3>.
- **1116 **AUSTRALIA**, 4BC, Brisbane (16/7.3 kW.) This eastern Oz commercial big gun managed pretty potent signals, but had the misfortune of being only 4 kHz away from the 50 kW Oregon pest KPNW. Despite this it was one of the few Aussies to provide decent signals each morning, and certainly worthy of a "Top Ten" spot <http://www.mediafire.com/listen/xsxewoew3ah7rou/1116-4BC-1251z071614PL380.MP3>.

There were many other South Pacific signals received at the Rockwork 4 ocean cliff site last week, but these were the ten DU signals with the best overall strength. **A full DXpedition report is being drafted, with details and MP3 links for all the South Pacific recordings.** Chuck also mentioned that he was thrilled with his own Rockwork 4 DXing results (with the Perseus-SDR and small Flag antenna) last week – we both agree that Rockwork 4 really rocks!

73 and Good DX, Gary DeBock (in Puyallup WA, USA)



DX WORLDWIDE – EAST

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ALL TIMES UTC

PAN-AMERICAN DX

- 530 **CUBA** Radio Enciclopedia, CMBQ Havana – 7/6 0100 noted with Jazz, followed by a female announcer in Spanish with a “Radio Enciclopedia” ID. A fair signal was noted. (Connelly Y-MA)
- 580 **PUERTO RICO** WKAQ San Juan – 7/6 0100 noted with WKAQ IDs //WYEL 600 kHz; over WTAG. (Connelly Y-MA)
- 600 **PUERTO RICO** WYEL Mayagüez – 7/6 0100 noted with WKAQ net IDs //WKAQ 580 kHz. A good signal was noted, way over Cuba. (Connelly Y-MA)
- 630 **CUBA** Radio Progreso synthros – 7/7 0100 noted with pop music vocal, “Progreso” ID in Spanish // (wobbly) 640 kHz. The signal was noted mixing with WPRO. (Connelly Y-MA)
- 650 **COLOMBIA** Radio Cadena Nacional Antena Dos, HJKH Bogota – 6/24 0201 noted with “Antena Dos” ID; over Cuba and WSRO. (Connelly Y-MA)
+7/6 0058 noted with “RCN” ID; the signal was noted over Cuba’s Radio Progreso. (Connelly Y-MA)
- 660 **CUBA** Radio Progreso, Jovellanos – 7/7 0100 noted with pop vocal and “Progreso” ID in Spanish //630, 640, 650, 690, 750, 800 and 900 kHz. The signal was noted under WFAN. (Connelly Y-MA)
- 690 **BRAZIL** Radio Shalom, ZYH587 Fortaleza – 6/24 0201 noted with male preacher in Portuguese; slightly under Cuba. (Connelly Y-MA)
- 690 **COLOMBIA** W Radio, HJCZ Bogota – 6/24 0200 noted with talk program and “W Radio...de Colombia” ID in Spanish; slightly over Cuba, Brazil and other stations. (Connelly Y-MA)
- 700 **BRAZIL** Radio Estado, ZYK686 São Paulo – 6/24 0201 most likely this with a male announcer in Portuguese; mixing with Colombia. (Connelly Y-MA)
- 700 **COLOMBIA** W Radio, HJCX Cali – 6/24 0202 noted over Brazil with jingles and announcements for a combined Colpatria/W Radio credit card. Thanks to Henrik Klemetz on the Real DX Yahoo! Group for ID help. (Connelly Y-MA)
- 740 **BRAZIL** Radio Sociedade da Bahia, ZYH446 Salvador – 7/6 0100 noted with talk in Portuguese by a male announcer, electronic sounder; a fair and dominant signal was noted. (Connelly Y-MA)
Audio at http://chowdanet.com/markc/dx_audio/brazil-740_20140706_0100z.mp3
- 750 **VENEZUELA** RCR, YVKS Caracas – 6/24 0159 noted with a talk show of Venezuela-centered topics in Spanish; over Cuba and CBYG. (Connelly Y-MA)
- 760 **BRAZIL** Radio Uirapuru, ZYH588 Fortaleza – 7/7 0100 noted with a male announcer, followed by a female announcer in Portuguese; slightly over others. (Connelly Y-MA)
- 760 **COLOMBIA** Radio Cadena Nacional, HJAJ Barranquilla – 7/2 0100 noted with “RCN Noticias” promo in Spanish at 0100:30. A dominant signal was noted. (Connelly Y-MA)
- 780 **VENEZUELA** Radio Coro, YVMN Coro – 6/24 0201 noted with folk music, followed by a “Radio Coro” ID in Spanish; to a good signal peak. (Connelly Y-MA)
+7/2 0102 noted with ID in Spanish; over the mess on the frequency. (Connelly Y-MA)
- 790 **CUBA** Radio Reloj, Pinar del Rio and Holguin – 6/24 0202 noted with Reloj news, time signals, “RR” ID in Morse Code; way over WPRV. (Connelly Y-MA)
- 840 **CUBA** “W”, CMHW Santa Clara – 7/2 0100 noted with several “Dobleve” IDs; a good signal was noted. (Connelly Y-MA)
- 860 **ST. KITTS and NEVIS** Voice of Nevis, Bath Village – 7/2 0059 noted with noted with talk in Caribbean-accented English by a male announcer; briefly atop a tangle of Brazil, CJBC (Canada), Radio Reloj (Cuba) and an unidentified Latin American station with accordion music. (Connelly Y-MA)
- 940 **PUERTO RICO** WIPR San Juan – 7/2 0100 noted with light Jazz, “Maxima 940” ID and numbers (lottery?) read by a female announcer. A dominant signal was noted. (Connelly Y-MA)
(I don’t know if Puerto Rico participates in the multi-state games; I know the U.S. Virgin Islands takes part in Powerball-eb)
- 1070 **COLOMBIA** Emisora Atlantico, HJAH Barranquilla – 7/2 0059 noted with “Emisora Atlantico” jingle, talk in Spanish getting over digital (IBOC) hash. (Connelly Y-MA)

- 1100 **BRAZIL** Radio Globo, ZYK694 Sao Paulo – 7/6 0100 noted with talk in Portuguese, “Globo” jingle, wolf-whistle at 0100:45; mixing with WTAM after WHLI signed off. (Connelly Y-MA)

THANKS TO THIS EDITION’S CONTRIBUTOR

(Connelly Y-MA)

Mark Connelly (WA1ION), South Yarmouth, Cape Cod, MA
(41 degrees, 59 minutes North, 70 degrees, 11 minutes, 47 seconds West)

Receiver: Microtelecom Perseus

Antenna: Cardioid-pattern SuperLoop, 10 meters vertical by 11 meters

horizontal (peak

165 degrees, null 345 degrees)

See <http://www.bamlog.com/superloop.htm> for a similar antenna.

EDITOR’S NOTEBOOK

Thanks to Mark for his contribution in this column! He has, by far, contributed the most logs to DX Worldwide East in Volume 51. Thanks to all who contributed to DX Worldwide East in Volume 51.

It’s hard to believe that it was this time last year that I took this column over from Vincent Ferme. It has been a wonderful experience for me to do an international-oriented DX column, especially when I’m doing a domestic-oriented DX column and putting together DX Monitor at the same time. If I ever get to Cape Cod, I’ll have to bring my Superadio III with me. I’d like to thank Phil and the Board of Directors for giving me the opportunity to fill in as DXWWE editor. It has been a good experience for me.

Brandon Jordan will be returning to the editor’s chair for this column, beginning with the next volume. Best of luck to Brandon as he begins another tour of duty as editor; give him your support, as you have given me in Volume 51.

73 and good DX de NØUIH

SPECIAL FEATURE

THE 2014 IRCA COUNTRIES LIST Compiled by Bruce Portzer, Countries List Chairman

Here is the latest version of the IRCA Countries List. This list was originally developed in the 1960’s as a guide for club members in their quest for foreign medium wave targets. It has since been updated periodically. The list is organized into three sections: active, inactive, and deleted countries. For each country, I’ve listed its continent in brackets, and noted any former or alternate names. Any date restrictions are also noted (such as when the country was formed or ceased to exist). There are also a few instances where I’ve added comments clarifying a country’s status.

A place qualifies for inclusion on the list if it meets one or more of the following criteria:

1. It is internationally recognized as independent, either because it is a member of the United Nations or International Telecommunications Union (ITU), or has diplomatic relations with multiple countries.
2. It has a high degree of internal autonomy. This characteristic can be for historical reasons, such as the various parts of the UK, or established through formal agreement, such as Hong Kong or Macao. A portion of a country may also qualify based on de facto autonomy, even if the parent country does not recognize it as such. Taiwan, for example. This qualification is largely a judgment call based on the amount of self-rule and political stability.
3. It is separated from the rest of the country by at least 200 km of open water (no other islands between it and the mainland), such as Hawaii, or 100 km of land, such as Alaska.
4. It is a colony, dependency, protectorate, or other overseas territory, such as Guam or Gibraltar. These places will only be listed if they currently have a MW radio station, have had one or more stations in the past, or have sufficient residents (permanent or temporary) to justify broadcast facilities. As a result, this list doesn’t include most of the small islands and other uninhabited territories that appear on the ARRL list.
5. It is under international or other special administrative control, such as Antarctica.
6. It has historically been considered a separate DX “country”, even though it doesn’t seem to meet any of the above criteria (“We do it that way because that’s the way it’s always been done”).

Country list junkies are welcome to examine the following four lists. Each has its own set of criteria, resulting in some interesting differences and similarities.

- The **ARRL Country List**: This list is used mainly for issuing DX Century Club awards. The criteria are well-thought out, but hotly debated in the ham community. It includes a large number of obscure uninhabited specks of land that would otherwise go unnoticed.
- The **NASWA Radio Country List**: This is a list of countries with active shortwave broadcasters, past and present.
- The **Travelers' Century Club List**: This organization gives certificates to those who have visited at least 100 countries. The most recent list has 350 places listed.
- **How many countries are there?** This list analyzes several sources, including the ARRL/DXCC and TCC lists, and concludes that there could be anywhere from 191 to 493 countries, depending on what you count.

Any comments or questions on the list should be addressed to bpportzer@comcast.net

ACTIVE COUNTRIES

The following countries currently have or are believed to have active medium wave broadcast stations.

Afghanistan [AS]
 Alaska [NA]
 Albania [EU]
 Algeria [AF]
 Andaman & Nicobar Islands (part of India) [AS]
 Angola [AF]
 Anguilla [NA]
 Antigua & Barbuda [NA]
 Argentina [SA]
 Armenia [AS]
 Australia [OC]
 Azerbaijan [AS]
 Azores [EU]
 Bahamas [NA]
 Bahrain [AS]
 Balearic Islands (part of Spain) [EU] - includes Majorca
 Bangladesh (formerly East Pakistan) [AS]
 Barbados [NA]
 Belarus (formerly Byelorussia) [EU]
 Belgium [EU]
 Benin (formerly Dahomey) [AF] - after 8-1-60
 Bermuda [NA]
 Bolivia [SA]
 Bonaire [SA] - became a separate "country" 10-10-10.
 Bosnia-Herzegovina [EU] - receptions before 10-15-91 count as Yugoslavia
 Botswana (formerly Bechuanaland) [AF]
 Brazil [SA]
 British Indian Ocean Territory (aka Chagos Islands, includes Diego Garcia) [AS]
 British Virgin Islands [NA]
 Bulgaria [EU]
 Burkina Faso (formerly Upper Volta) [AF] - after 8-5-60
 Canada [NA]
 Canary Islands [AF]
 Central African Republic [AF] - after 8-13-60
 Ceuta (part of Spain, located in Morocco) [AF]
 Chad [AF] – One AM, operates sporadically
 Chile [SA]
 China [AS]
 Christmas Island (located in Indian Ocean) [OC]
 Colombia [SA]
 Cook Islands [OC] - The North Cook Islands are far enough from South Cooks to qualify as a separate country, but there are no known stations there
 Corsica [EU]
 Costa Rica [NA]
 Crete (part of Greece) [EU]
 Croatia [EU] - after 6-26-91
 Cuba [NA]
 Curacao [SA] - after 10-10-10. Earlier logs count as Netherlands Antilles
 Cyprus [AS]

Cyprus, Turkish Federated State [AS] - a portion of northern Cyprus
 Czech Republic [EU] - after 1-1-93, earlier loggings count as Czechoslovakia
 Denmark [EU] - Inactive on MW as of 6-30-11, but still active on LW
 Djibouti (formerly French Somaliland, Afar & Issas) [AF]
 Dodecanese Islands (part of Greece, includes Rhodes) [EU]
 Dominican Republic [NA]
 Ecuador [SA]
 Egypt [AF]
 El Salvador [NA]
 England [EU]
 Eritrea [AF] - became part of Ethiopia 11-14-62, then gained independence 9-15-93
 Estonia [EU]
 Ethiopia [AF]
 Falkland Islands (aka Islas Malvinas) [SA]
 Faroe Islands [EU]
 Fiji [OC] – Probably inactive on MW
 Finland [EU]
 France [EU]
 French Polynesia (aka Society Islands, includes Tahiti) [OC]
 Gabon [AF] - after 8-17-60
 Georgia [AS]
 Germany [EU] – Formerly German Federal Republic (West Germany). GDR and West Berlin were added in 1990
 Gibraltar [EU]
 Greece [EU]
 Grenada [NA]
 Guadeloupe [NA]
 Guam [OC]
 Guantanamo Bay Naval Base [NA]
 Guatemala [NA]
 Guernsey (British Crown Dependency) [EU]
 Guinea [AF]
 Guyana (formerly British Guiana) [SA]
 Haiti [NA]
 Hawaii [OC]
 Honduras [NA]
 Hong Kong [AS] – Special Administrative Region of China with a high degree of autonomy
 Hungary [EU]
 Iceland [EU] – No medium wave operations at present but has two longwave transmitters
 India [AS]
 Indonesia [AS]
 Iran [AS]
 Iraq [AS]
 Ireland [EU]
 Isle of Man (self-governing British Crown Dependency) [EU]
 Israel [AS]
 Italy [EU]
 Jamaica [NA]
 Japan [AS]
 Jersey (British Crown Dependency) [EU]
 Jordan [AS]
 Kaliningrad (noncontiguous part of Russia) [EU]
 Kazakhstan [AS]
 Kenya [AF]
 Kiribati (formerly Gilbert Islands) [OC]
 Korea, North (Democratic People's Republic of Korea, DPRK) [AS] - loggings from before the Korean War in the early 1950s count as South Korea.
 Korea, South (Republic of Korea) [AS]
 Kosovo [EU] – Former Serbian province, under UN-supervised administration 1999-2008. Independent country since 17 Feb 2008
 Kuwait [AS]
 Kyrgyzstan (formerly Kirghiz SSR, Kirgizia) [AS]
 Lakshadweep (aka Laccadive Islands) (part of India) [AS]
 Laos [AS]

Latvia [EU]
 Lebanon [AS]
 Lesotho (formerly Basutoland) [AF]
 Libya [AF]
 Lithuania [EU]
 Luxembourg [EU]
 Macao [AS] – Special Administrative Region of China with a high degree of autonomy
 Macedonia [EU] - after 9-8-91, earlier loggings count as Yugoslavia
 Madagascar (aka Malagasy Republic) [AF]
 Madeira [AF]
 Malawi (formerly Nyassaland) [AF]
 Malaysia, East [AS] - after 9-16-63, consists of Sabah & Sarawak
 Malaysia, West [AS] - after 9-16-63, consists of peninsular Malaysia
 Maldives [AS]
 Mali [AF] - after 6-20-60
 Malta [EU]
 Marshall Islands [OC]
 Martinique [NA] – Possibly inactive, but MW station still listed on 1310
 Mauritania [AF] - after 6-20-60
 Mauritius [AF]
 Mayotte (aka Mahore) [AF]
 Melilla (part of Spain, located in Morocco) [AF] - See Morocco listing in WRTH
 México [NA]
 Micronesia, Federated States of (formerly Eastern Caroline Islands) [OC]
 Moldova (formerly Moldavia) [EU]
 Mongolia [AS]
 Montenegro [EU] – after 6-3-06. Earlier loggings count as Yugoslavia.
 Morocco [AF]
 Mozambique [AF]
 Myanmar (formerly Burma) [AS]
 Nepal [AS]
 Netherlands [EU]
 New Caledonia [OC]
 New Zealand [OC]
 Nicaragua [NA]
 Niger [AF] - after 8-3-60
 Nigeria [AF]
 Norfolk Island [OC]
 Northern Ireland (part of UK) [EU]
 Northern Mariana Islands [OC]
 Norway [EU]
 Oman [AS] - includes Masirah Island and Musandam Peninsula
 Pakistan (formerly West Pakistan) [AS]
 Palau (aka Belau, formerly Western Caroline Islands) [OC]
 Panamá [NA]
 Papua New Guinea [OC]
 Paraguay [SA]
 Péru [SA]
 Philippines [AS]
 Poland [EU]
 Portugal [EU]
 Pridnestrovie (aka Transnistria, Trans-Dniester) [EU] – A self-governing independent region of Moldova. Considers itself an independent country though not recognized as such by the Moldovan government or most international organizations
 Puerto Rico [NA]
 Qatar [AS]
 Réunion [AF]
 Rodrigues Island [AF] – Part of Mauritius, separated by 500+ km of ocean
 Romania [EU]
 Russia, Asiatic [AS]
 Russia, European [EU] – the Ural Mountains are the dividing line between Asia and Europe
 Samoa (Formerly Western Samoa) [OC]
 San Andres & Providencia (part of Colombia) [NA]
 Sao Tome & Principe [AF]

Sardinia (part of Italy) [EU]
 Saudi Arabia [AS]
 Scotland [EU]
 Serbia [EU] – Montenegro declared independence from Serbia/Yugoslavia 6-3-06. Earlier loggings of Serb stations count as Yugoslavia
 Seychelles [AF]
 Slovakia (aka Slovak Republic) [EU] - after 1-1-93, earlier loggings count as Czechoslovakia
 Slovenia [EU] - after 6-26-91, earlier loggings count as Yugoslavia
 Solomon Islands [OC]
 South Africa [AF] - includes the homeland republics
 South Ossetia [AS] – breakaway region of Georgia, has diplomatic relations with several countries
 South Sudan [AF] - split off from Sudan and became independent as of 7-9-11
 Spain [EU]
 Sri Lanka (formerly Ceylon) [AS]
 St. Kitts & Nevis [NA]
 Sudan [AF]
 Svalbard (Spitzbergen) [EU]
 Syria [AS]
 Taiwan (Republic of China) [AS] - includes Quemoy & Matsu
 Tajikistan [AS]
 Tanzania (formerly Tanganyika) [AF]
 Thailand [AS]
 Timor Leste (aka East Timor) [AS] – Originally called Portuguese Timor, annexed by Indonesia 12-31-61. Became independent 3-1-00.
 Tonga [OC]
 Trinidad & Tobago [SA]
 Tunisia [AF]
 Turkey [AS]
 Turkmenistan (formerly Turkmen SSR) [AS]
 Turks & Caicos Islands [NA]
 Tuvalu (formerly Ellice Islands) [OC] - after 1-1-76
 Uganda [AF]
 Ukraine [EU] – The Crimean Peninsula is still considered part of Ukraine
 United Arab Emirates [AS] - Includes Abu Dhabi, Dubai, Sharjah, et al
 United States of America [NA]
 Uruguay [SA]
 Uzbekistan (formerly Uzbek SSR) [AS]
 Vanuatu (formerly New Hebrides) [OC]
 Vatican City [EU] – Vatican Radio's transmitter site is an extraterritorial part of The Vatican
 Venezuela [SA]
 Vietnam [AS] - includes pre-unification receptions of North Vietnam
 Virgin Islands (US) [NA]
 Wales [EU]
 Yemen [AS] - after 6-22-90, formed when Yemen Arab Republic merged with People's Democratic Republic of Yemen

INACTIVE COUNTRIES

The following countries currently do not have medium wave stations, based on information in the World Radio-TV Handbook (WRTH), Euro-African Medium Wave Guide (EMWG), and/or Pacific Asian Log (PAL). Some have had MW stations which are no longer on the air. A few have never, to the best of my knowledge, had a MW station but are listed because they have sufficient permanent or transient population to justify a MW station. The list does not include places with little or no permanent population that have never had a broadcast station.

Abkhazia [AS] – break away region of Georgia, has diplomatic relations with several countries
 Aland Islands [EU] – An autonomous region of Finland. A MW station has been planned for many years but is not currently on the air
 Andorra [EU] - Two high powered MW stations operated here until early 1980s
 Antarctica (and nearby island groups) [OC] - SW/FM only, has had MW stations in the past
 Aruba [SA] – Now FM only. Receptions before 1-1-86 count as Netherlands Antilles
 Ascension Island [AF] – FM/SW only
 Austria [EU] MW operations ended 2009
 Belize (formerly Br Honduras) [NA] – FM only
 Bhutan [AS] - SW/FM only
 Brunei Darussalam [AS] – now FM only, MW went inactive in 2011

Burundi [AF] - FM/SW only
Cambodia (formerly Kampuchea) [AS] – currently inactive, but there are plans to reactivate MW
Cameroon [AF] – FM only
Cape Verde [AF] - FM only
Cayman Islands [NA] - FM only
Chatham Islands [OC] - FM only
Christmas Island (Part of Kiribati) [OC]
Cocos-Keeling Islands [OC] – FM only
Comoros [AF] – FM only
Congo, Democratic Republic of the (formerly Zaire, Belgian Congo) [AF] – FM/SW only
Congo, Republic of [AF] - after 8-15-60, now only FM/SW
Cyprus, British Sovereign Bases on [EU] - now FM only, includes Akrotiri & Dhekelia
Dominica [NA] - Currently FM only
Easter Island (aka Isla de Pascua, Rapa Nui) [OC] - MW operation ended 2006, FM only
Equatorial Guinea (Rio Muni, mainland portion) [AF] - SW/FM only
Equatorial Guinea (Bioko, offshore island) [AF] - FM only
Fernando de Noronha [SA] – Island group in Atlantic, part of Brazil, FM only
French Guiana [SA] – no known MW operations at the moment
Galapagos Islands (part of Ecuador) [SA] - MW/SW ceased some time ago, now FM only
Gambia, The [AF] – FM only
Ghana (formerly Gold Coast) [AF] - FM only
Greenland (aka Kalaallit Nunaata) [NA] – no MW since 2012
Guinea-Bissau (ex- Portuguese Guinea) [AF]
International Waters [OC] - Stations have operated aboard ships near Western Europe (many), Israel (Voice of Peace, 1973-1993), New Zealand (Radio Hauraki, late 1960's) and the Northeastern US (Radio Newyork International, late 1980's). Currently there are no known regular operations from International Waters. However, the US government has the ability to broadcast from aircraft over international waters.
Ivory Coast (Côte d'Ivoire) [AF] - after 8-7-60 – FM only
Johnston Island [OC] - inactive after 1977
Lampedusa [EU] – Italian island near Tunisia. No known MW, possibly some FM
Liberia [AF] - SW/FM only
Lord Howe Island [OC] - now FM only
Liechtenstein [EU] - FM only
Midway Island [OC] – FM only, MW has been inactive for many years
Monaco [EU] – MW transmitters are actually in France
Montserrat [NA] –FM Only. All MW transmitters were destroyed by volcanic activity in the 1990s.
Namibia (formerly SW Africa) [AF] – FM only
Nauru [OC] –FM only
Niue [OC] – FM only
Ogasawara (aka Bonin & Volcano Is, includes Iwo Jima) [AS] - no known MW outlets
Palestine [AS] – after 2/1/99. Includes West Bank and Gaza. Earlier logs count as Israel. FM only.
Phoenix Islands (part of Kiribati) [OC] - WXLE operated on Canton Island in 1970s
Pitcairn Island – has FM transmitters, believe it or not
Rwanda [AF] - SW/FM only
Saba and Saint Eustasius [NA] – separate country after 10-10-10, FM only
Saint Barthelémy [NA] – French island near Guadeloupe, FM only
Saint Martin (French, next to Sint Maarten) [NA] - FM only
Saharan Arab Republic (aka Western Sahara) (formerly Spanish Sahara, Rio de Oro) [AF] – all known MW transmitters are located in Algeria
Sierra Leone [AF] - FM only
St. Helena [AF] – AM was shut down 12/2012, now FM only
St. Lucia [NA] – no more MW stations
Sint Maarten [NA] – after 10-10-10
St. Pierre & Miquelon [NA] – now FM only, MW was eliminated several years ago
St. Vincent & the Grenadines [NA] – MW station currently inactive but may return some day
Samoa, American [OC] - all MW Stations are silent
San Marino [EU] - FM only
Senegal [AF] - after 6-20-60, now FM only
Singapore [AS] - eliminated all MW services in mid-1990's
Somalia [AF] – SW/FM only
Suriname (formerly Dutch Guiana) [SA] – all MW stations believed to be inactive
Swaziland [AF] – Currently FM/SW only
Sweden [EU] – FM only

Switzerland [EU] – FM only
Togo [AF] – FM only
Tokelau [OC] – FM only
Tristan da Cunha [AF] - FM only
United Nations HQ [NA] - universally recognized as "neutral" territory, but has no MW activity
Wake Island [OC] – AFRTS station closed down several years ago
Wallis & Futuna [OC] – FM only, MW operation ended circa 2000
Zambia (formerly Northern Rhodesia) [AF] - FM/SW only
Zimbabwe (formerly Rhodesia) [AF] - FM/SW only

DELETED COUNTRIES

The following countries no longer exist, but had or may have had medium wave stations. Some are places that merged with a neighboring country. Others were split into two or more separate countries. The listed dates are when the country ceased to be a separate DX country. Some countries existed between two dates.

Biafra [AF] – 5-30-67 to 1-15-70, otherwise part of Nigeria
British North Borneo [OC] - 9-15-63 (now part of Malaysia)
Canal Zone [NA] - 9-30-79 (now part of Panama)
Czechoslovakia [EU] - 12-31-92 (now Czech & Slovak Republics)
Danzig [EU] - 9-1-39
French Equatorial Africa [AF] - 8-16-60 (now Chad, Central African Republic, Gabon, Congo)
French Indo-China [AS] - 12-20-50 (now Laos, Vietnam, Cambodia)
French West Africa [AF] - 8-6-60 (now Niger, Ivory Coast, Burkina Faso, Benin, Mauritania, Mali, Senegal, Guinea)
German Democratic Republic [EU] - 10-3-90 (now part of Germany)
Goa (Portuguese India) [AS] - 12-19-61 (now part of India)
Guangdong Peninsula [AS] - 8-14-45 (now part of China)
Jammu and Kashmir [AS] – 2-24-75 (Northernmost state of India, subject to a border dispute with Pakistan)
Karelo-Finnish SSR [EU] - 7-15-56 (now part of Russia)
Leeward Islands [NA] - 2-27-67 (now various island nations)
Malaya [AS] - 9-15-63 (now part of Malaysia)
Manchuria (Manchuguo) [AS] - 9-16-63 (now part of China)
Newfoundland & Labrador [NA] - 3-31-49 (now part of Canada)
Netherlands Antilles [SA] - Bonaire and Curacao split into separate "countries" 10-10-10
Okinawa (Ryukyu Islands) [AS] - 5-14-72 (now part of Japan)
Peoples Dem Rep of Yemen (Aden) [AS] - 5-21-90 (now part of Yemen)
Ruanda-Urundi [AF] - 7-60 to 6-30-62
Saar [EU] - 1-3-48 to 12-31-56 (now part of Germany)
Sarawak [OC] - 9-15-63 (now part of East Malaysia)
Sikkim [AS] – became part of India 5-16-75
South Vietnam (Republic of Vietnam) [AS] - 7-1-76 (now part of Vietnam)
Swan Island [NA] - 8-31-72 (now part of Honduras, home of Radio Americas in mid-1960s)
Tangier [AF] - 6-30-60 (now part of Morocco)
Tibet [AS] - 5-30-74 (now part of China)
Trieste [EU] - 2-10-47 to 5-19-54 (now part of Slovenia and Italy)
Walvis Bay [AF] - 9-1-94 (former part of South Africa, now part of Namibia)
West Berlin [EU] - 10-3-90 (now part of Germany)
Windward Islands [NA] - 6-1-67 (now various island nations)
Yemen Arab Republic [AS] - 5-21-90 (now part of Yemen)
Yugoslavia [EU] – Former Yugoslav republics became independent 1991-2006 (see active country listings for dates).
Zanzibar [AF] - 6-30-64 (now part of Tanzania)

VOLUME 52 SCHEDULE

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The publication schedule remains the same, although the weeklies will start in early October instead of late September. The deadlines are two days earlier (Saturday instead of Monday) for the issues the week of the IRCA Convention and the week of Christmas. There will also be a two-week break before the Anniversary Issue, instead of the three-week break we had in Volume 51. The three-week break

between issues has been moved to July for Volume 52. The number of issues will remain at 35 issues.

Deadlines will remain Mondays at 2300 PLT (Tuesday 0200 ELT), except for the issue prior to Christmas. Masthead dates will remain on Saturdays.

Here's the proposed publication schedule for Volume 51:

Issue	Volume	Deadline	Masthead Date	Event
1634	#52-01	08/18/2014	08/23/2014	Beginning of Volume 52
1635	#52-02	09/01/2014	09/06/2014	
1636	#52-03	09/13/2014	09/20/2014	Convention Issue First Weekly Issue
1637	#52-04	09/29/2014	10/04/2014	
1638	#52-05	10/06/2014	10/11/2014	
1639	#52-06	10/13/2014	10/18/2014	
1640	#52-07	10/20/2014	10/25/2014	
1641	#52-08	10/27/2014	11/01/2014	
1642	#52-09	11/03/2014	11/08/2014	
1643	#52-10	11/10/2014	11/15/2014	
1644	#52-11	11/17/2014	11/22/2014	
1645	#52-12	11/24/2014	11/29/2014	
1646	#52-13	12/01/2014	12/06/2014	
1647	#52-14	12/08/2014	12/13/2014	
1648	#52-15	12/15/2014	12/20/2014	
1649	#52-16	12/20/2014	12/27/2014	Last Issue of 2014 First Issue of 2015
1650	#52-17	12/29/2014	01/03/2015	
1651	#52-18	01/05/2015	01/10/2015	
1652	#52-19	01/12/2015	01/17/2015	
1653	#52-20	01/19/2015	01/24/2015	
1654	#52-21	01/26/2015	01/31/2015	
1655	#52-22	02/02/2015	02/07/2015	
1656	#52-23	02/09/2015	02/14/2015	
1657	#52-24	02/16/2015	02/21/2015	
1658	#52-25	02/23/2015	02/28/2015	Last Weekly Issue IRCA Anniversary Issue
1659	#52-26	03/09/2015	03/14/2015	
1660	#52-27	03/23/2015	03/28/2015	
1661	#52-28	04/06/2015	04/12/2015	
1662	#52-29	04/20/2015	04/26/2015	
1663	#52-30	05/04/2015	05/09/2015	
1664	#52-31	05/18/2015	05/23/2015	
1665	#52-32	06/01/2015	06/06/2015	
1666	#52-33	06/15/2015	06/20/2015	
1667	#52-34	06/29/2015	07/04/2015	
1668	#52-35	07/20/2015	07/25/2015	End of Volume 52 Beginning of Volume 53
1669	#53-01	08/17/2015	08/22/2015	

ARRL Hamfest Calendar

As you may know (and I can say this from experience-EIC), a Hamfest is a great place to find good deals on new and used receivers, wires and cables for antenna projects, and other hobby-related needs. The American Radio Relay League has a Web page to help you find a Hamfest near your home QTH or while you're traveling to other parts of the country. You can search by Zip Code, select from Hamfests within 25, 50, 100 and 250 miles of your home QTH, as well as city and state. (Searching by ARRL division and section is only for the Ham-savvy, hi.) To find a Hamfest in near your home QTH, visit <http://www.arrl.org/hamfests-and-conventions-calendar> and plug in your location or Zip Code. You'll be able to find upcoming Hamfests in your local area.

IRCA Facebook Page

The IRCA's Facebook page is now online! This is a new feature of IRCA, featuring photos of transmitter sites (many of which provided by CDXR Editor John C. Johnson), members' shacks (your Editor-in-Chief included) and plenty of information. If you have a Facebook page, enter "International Radio Club of America" into your Facebook search engine, then click the "Like" icon. Many thanks to Mike Sanburn (KG6LJU) and John C. Johnson for setting this page up.

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the Broadcast Band (510-1720 kHz). **DX Monitor**, the official publication of the IRCA, is published in "soft" form 35 times a year (weekly from November through March, twice monthly from April to November) and in printed form 30 times a year (weekly November through March, monthly April to November). **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists.



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MEMBERSHIP DUES

Destination	Rate
USA	\$10
Canada & Mexico (group 2)	\$10
Western Europe (group 3)	\$10
Australia/NZ/Japan (group 4)	\$10
Rest of world (group 5)	\$10

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Pay electronically with PayPal – add \$1 to all prices above. Go to www.paypal.com, then send your dues to ircamember@ircaonline.org – contact Lynn Hollerman for more information.

Sample copies of **DX Monitor** are unavailable at the present time. Stay tuned to this space for further developments.

For information on **subscribing to the IRCA mailing list** at Hard-Core-DX, a group e-mail service, contact the moderator, Lynn Hollerman at lynnhollerman@yahoo.com.

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