

DX News

Serving DX'ers since 1933

Volume 82, No. 8 • January 12, 2015 • (ISSN 0737-1639)



Inside this issue . . .

2 ... AM Switch	13 ... International DX Digest	19 ... GY DX Achievements
4 ... Domestic DX Digest East	16 ... DX Toolbox	19 ... Membership Report
9 ... Domestic DX Digest West		19 ... Geomagnetic Indices

From the Publisher: Welcome to our first issue of 2015. We hope all of our members have a happy and DX-filled new year.

This is a good time to remind everyone that the NRC is a 100% volunteer effort – a print bulletin 20 times a year, an audio program 12 times a year, two web sites, an e-mail list and Facebook page, all provided by volunteers for the promotion of this great hobby of medium wave DXing. As you can see below, there are a number of ways you can become more involved in the NRC – as well as sending your loggings and DX news to the column editors. Please consider whether *you* can help the club and your fellow hobby members in the new year.

RIP: We regret to pass along the sad news that NRC member Dorrell Schank of Springfield MO passed away last month. Our condolences to Dorrell's family.

DXAS: As announced last issue, Fred Vobbe will be stepping down as publisher of the DX Audio Service after the April 2015 issue, after 30 years of publishing the NRC's monthly audio magazine.

If you're interested in potentially taking on this role for the club, or for more information, please be in touch with the members of the NRC Board (contact info on the back page).

GYDXA: Vince Ferme will also be stepping down in the first half of 2015 as our Graveyard DX Achievement coordinator. The GYDXA records are posted at the NRC web site www.nrcdxas.org, showing the farthest logging

of each "graveyard" or local channel (1230, 1240, 1340, 1400, 1450, 1490) station by an active NRC member. The GYDXA coordinator collects claims of new records (mainly by e-mail) and sends updates to be posted on the web site and to be printed periodically in *DX News*. Help with formatting for the web site and *DX News*, and with calculating distances to stations, will gladly be provided. Interested? Let David Yocis know at NRCDXNews@gmail.com.

Convention 2015: Don't forget the joint convention of the NRC, IRCA, WTFDA, and DecaloMania in *Fort Wayne, Indiana*, July 10-12, 2015. More details will be forthcoming as our host Scott Fybush works them out.

DX Tests: If you want to help arrange tests, contact Brandon Jordan, the NRC/IRCA Test Coordination, at P.O. Box 338, Rossville TN 38066, (901) 592-9847, and bdjorda@gmail.com. Brandon has set up a web site at <http://dxtests.net/> for the latest test info. And follow him on Twitter @AMDXTests for the latest test info.

VOL. 82 DX NEWS SCHEDULE

No	In By	Date	No	In By	Date
9	Jan. 16	Jan. 26	15	Apr. 17	Apr. 27
10	Jan. 30	Feb. 9	16	May 15	May 25
11	Feb. 13	Feb. 23	17	June 12	June 22
12	Feb. 27	Mar. 9	18	July 17	July 27
13	Mar. 13	Mar. 23	19	Aug. 21	Aug. 31
14	Mar. 27	Apr. 6	20	Sept. 11	Sept. 21

35th Edition of the National Radio Club's AM Rado Log Is Available and Shipping!

The NRC's *AM Radio Log* is the leading source for information on AM radio stations in the United States and Canada. As always, this edition is in an 8-1/2" x 11", 3-hole punched, U.S. loose leaf format. This publication fits nicely into a one-inch, three-ring binder. Additional references include call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (a separate section of the *Log*), a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio, and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in US funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at www.nrcdxas.org.

Member USA – \$22.95 (Media Rate)
Member USA – \$26.95 (Priority Mail)
Non-Member USA – \$28.95 (Media Rate)

Non-Member USA – \$32.95 (Priority Mail)
Canada (Member/Non-Member) – US\$36.00
Outside US/Canada (Member/Non) – US\$40.00

AM Switch



Info to David Yocis, 1245 13th St. N.W., #105, Washington DC 2005, NRCDXNews@gmail.com
 Canadian information from CRTC complied by Shawn Axelrod and Dan Sys
 NRC AM Log updates from Wayne Heinen, amradiolog@nrndxas.org

It's been a fairly quiet couple of weeks. Let's start with changes announced by the FCC:

CALL CHANGES

560 WXBT SC Columbia – Call change (back) to WVOC (12/15).

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs built, nearing final licensing:

1120 WUST DC Washington – Applies for license to cover CP for D4 50000 (ch 3000), moving to WJFK-1580 towers, and granted program test authority.

CPs granted:

920 WDMC FL Melbourne – Granted CP for U4 8000/4000 from a new site.

1020 WURN FL Kendall – Granted CP to modify pattern.

1490 WDEP PR Ponce – Granted CP to move to new site, 0.7 miles from existing tower.

Amendment to pending application:

1090 KQNM NM Milan – Has application for D1 900 at Sandia NM on 1080 kHz, and amends that application to D1 1000.

1590 WALG GA Albany – Has application for U1 2500/45, and amends it to U1 2500/40.

Applications filed:

1210 KMIA WA Auburn-Federal Way – Applies for U4 27500/1400, consolidating operations at current day site and reducing night power.

1580 WIOL GA Columbus – Applies for U1 2100/45, moving to site of WOKS-1340.

SPECIAL TEMPORARY AUTHORITY (STA)

930 WKBM IL Sandwich – Granted STA with parameters potentially at variance due to de-tuning system problems at a neighboring tower affecting the pattern.

960 WHYL PA Carlisle – Applies for STA with U1 1300/27 from the WCAT-FM tower.

1080 KVNI ID Coeur d'Alene – Granted STA, U1 10000/250 or night parameters at variance.

1280 KFRN CA Long Beach – Applies for STA with U1 1000/1000.

Applications to extend existing STAs were received from KCKN-1020 Roswell NM (U4 10000/10000); KTLK-1130 Minneapolis MN (parameters at variance); WTKS-1290 Savannah GA (night parameters at variance); KNSS-1330 Wichita KS (U1 5000/1250 or parameters at variance during nearly complete tower work); WZHF-1390 Arlington VA (U1 250/250 at CP site); KAHZ-1600 Pomona CA (U1 5000/1250); and WWRU-1660 Jersey City NJ (parameters at variance).

Previously reported applications to extend existing STAs were granted to WRJZ-620 Knoxville TN, KIMM-1150 Albuquerque NM, and KRAL-1240 Rawlins WY.

SILENT STATIONS

Stations informing the FCC that they are silent:

1350 WEGA PR Vega Baja – Silent 11/10, equipment malfunction.

1450 WLAY AL Muscle Shoals – Silent 12/15, no reason given to the FCC.

1590 WVNA AL Tuscumbia – Silent 12/15, no reason given to the FCC.

Formerly silent stations informing the FCC that they are back on the air:

1550 WZRK WI Lake Geneva – Silent 1/20; on the air 12/19.

1560 KIQS CA Willows – Silent 6/26; on the air 12/17 with new owners.

Fines: To the licensee of WSOK-1230 Savannah GA, WTKS-1290 Savannah GA, and four FM stations, a total of \$9000 for equal employment opportunity violations; to the licensee of WLEE-990 Richmond VA, WVNZ-1320 Richmond VA, WTOX-1480 Glen Allen VA, and WREJ-1540 Richmond VA, a total of \$5000 for equal employment opportunity violations.

CANADA

790 CFCW AB Camrose – Is announcing that it will move to 840 kHz in summer 2015.

1230 CBQC NT Fort Providence – LPRT cancelled and deleted; moved to FM.

1280 CP ON Toronto – CP for new station (U1 99/99), granted calls CJRU.

AM Radio Log updates from Wayne Heinen:

- 560 WVOC SC Columbia – Deletes // WXBT-FM-100.1.
 620 KIGS CA Hanford – Slogan to “Radio Punjab.”
 710 WUFF GA Eastman – Format to REL (ex-C&W); delete // WUFF-FM-97.5.
 730 KLOE KS Goodland – Format to NWS/TLK (ex-XMAS); slogan “Full Service Radio,” networks to Fox/Ru/DrJ/DR/Mt.
 740 WSBR FL Boca Raton – Format to BIZ/TLK (ex-BIZ/TLK/Tourist); add // WHFS-1010.
 800 WVHU WV Huntington – Networks to Fox/Oh/Ru/DR/P/B. (BD)
 840 KMPH CA Modesto – Networks to IHR/EWTN.
 920 WPCM NC Burlington-Graham – Format to C&W (ex-OLD/Beach), slogan “The Sound of Alamance County.”
 KKLS SD Rapid City – Format to Rock/OLD (ex-XMAS); slogan “Smash Hits 104.7/920,” adds // K284BA-104.7; deletes // K248BT-97.5.
 970 WFLA FL Tampa – Adds // W244BE-96.7. (TK)
 WMAY IL Springfield – Slogan “NewsTalk,” nets A/Mt/DR/P/WW1/CM/PRN/RER. (BD)
 980 KMBZ MO Kansas City – Nets to A/Ru/P/Ing/WW1/B; deletes // KMBZ-FM-98.1.
 990 KTKT AZ Tucson – Format to SS:AC (ex-SS:SPT), slogan “La Buena 94.3,” adds // K232FN-94.3; delete all networks.
 1010 WHFS FL Seffner – Format to BIZ/TLK (ex-SPT); adds // WSBR-740; networks to A.
 WTZA GA Atlanta – Slogan to “Old School 99.3.”
 1040 WHBO FL Pinellas Park – Networks to Ns/Jr.
 WJBE TN Powell – Slogan to “Just the Best Everyday.”
 1050 KJBN AR Little Rock – Format to REL/REL:AC (ex-REL:AC); slogan to “Giving you the music you want, the truth you need.” (GH)
 1060 KXPL TX El Paso – Slogan to “Radio El Paso-Juárez, con su música.” (GH)
 1110 WSLV TN Ardmore – Format to AC (ex-C&W); slogan “A Mix of Everything.”
 1170 KYET AZ Golden Valley – Slogan to “Cactus Country.”
 1180 WV LZ TN Knoxville – Format to SPT (ex-OLD); slogan “1180 the VLZ,” networks to YSR.
 1190 WMEJ MS Bay St. Louis – Format to UC:GOS (ex-SS:MEX); slogan “Rejoice AM 1190.”
 KFXR TX Dallas – Networks to Fox. (TK)
 1230 WJBC IN Bloomington – Networks to C/Il/DR/CM/B. (BD)
 WTCJ IN Tell City – Slogan to “Sam.”
 1240 WTAX IL Springfield – Networks to C/Il/Ru/P/TRN/WW1/CM/B. (BD)
 WPTR NY Schenectady – Networks to Ns.
 KRAL WY Rawlins – Format to AC (ex-Rock/OLD).
 1270 WNLS FL Tallahassee – Format to AC (ex-XMAS); slogan to “94.3 My FM.”
 KXQZ ID Twin Falls – Format to REL (ex-Comedy); networks to EWTN.
 1290 WZTI WI Greenfield – Format to UC:OLD (ex-XMAS); slogan to “100.3 the Party.”
 1330 KMBI WA Spokane – Format to SS:REL (ex-REL); delete slogan. (JG)
 1340 WROD FL Daytona Beach – Format Rock/OLD (ex-OLD); slogan “The Rock of Daytona.”
 WSOY IL Decatur – Networks to Fox/Il/Mt/Ing/Ru/P/SRN/B. (BD)
 1370 WLLM IL Lincoln – Format to REL/GOS (ex-GOS); delete // W287BP-105.3; Group to // WLLM Group. (BD)
 WGCL IN Bloomington – Replace ABC with Fox network. (SK)
 WPAZ PA Pottstown – Adds // W278BR-103.5. (DS)
 1400 KLIN NE Lincoln – Adds // K233AN-94.5.
 1420 WRCG GA Columbus – Networks to SMN.
 WQBC MS Vicksburg – Format to OLD (ex-SPT); delete networks.
 1470 KVSL AZ Show Low – Delete slogan.
 1480 WVOI FL Marco Island – Format to OLD (ex-SS:Tropical); slogan to “Mix 98.1,” adds // W251BL-98.1; deletes // WCNZ-1660. (TK)
 1490 KLNT TX Laredo – Format to SS:MEX (ex-Tejano); slogan to “La Mejor 1490.”
 1560 WLZR FL Melbourne – Slogan to “SportsRadio 95.9.”
 1580 KAMI NE Cozad – Format to C&W (ex-REL).
 WEKO PR Morovis – Format to SS:REL (ex-SS:Tropical).
 1600 WZZW WV Milton – Networks to Fox/Oh/Ru/DR/P/B. (BD)
 1660 WCNZ FL Marco Island – Slogan to “Ardiente 1660,” delete // WVOI-1480. (TK)



New Group

// WLLM Group – WLLM-1370, WTSG-90.1, W287BP-105.3. (BD)

Thanks to Shawn Axelrod, Bill Hale, Terry Krueger (TK), Glenn Hauser (GH), Steve Kennedy (SK) Powell Way, Bill Dvorak (BD), Jim Guthrie (JG), Dave Schmidt (DS).

Domestic DX Digest - EAST

Editor: **Mike Brooker**, 99 Wychrest Avenue, Toronto ON M6G 3X8 Canada, patria1818@yahoo.com
 Loggings of U.S./Canadian stations heard in the Eastern or Atlantic time zones; all times Eastern

REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south
- SC-IN** **Steve Chappell, McCordsville** – Home built MW receiver, K9AY loop antenna
- TF-NH** **Tony Fitzherbert, Campton** – Grundig S-450DX, Grundig AR 200 loop.
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop.
- TLK-FL** **Terry Krueger, Clearwater** – NRD-535, IC-R75, roof dipole, active loop
- PS-ON** **Paul Snider, Welland** – ICOM R75, Pixel RF Pro-1B Loop, MFJ-1020C tuner
- NW-ON** **Niel Wolfish, Toronto** – WinRadio Excalibur G33DDC + Wellbrook Loop
- MKB-ON** **Mike Brooker, Toronto** – Grundig G5, Grundig YB-400PE, Sony SRF-39FP, Panasonic RF-2200 (receiver emeritus)

Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! www.facebook.com/keval.mike

UNID

- 810 unID** -- - 12/23 1844 – In multi-station mix (WGY, UNID C&W, religious talk, SS and sports talk stations) with Morse code. Unable to determine the first character, but I do hear O (---), K (-.-) N (-.). **(KK-VA)**
- 1230 unID** **FL?** - 12/23 0636 – Classic Country with Carl Smith “Let Mother Nature Have Her Way” segued to Loretta Lynn “Don’t Come Here a Drinkin’ (With Lovin’ on Your Mind)” etc. Mary Chapin Carpenter “Down at the Twist and Shout” at 0729 into Tom T Hall “Grandma Whistled.” Too weak plus some WBZT and possible WGGG co-channel for any ID. Seemed to have been a break for maybe commercials briefly at 0742, otherwise appeared to be on C&W music auto-pilot. By near 0800, WONN, Lakeland with Christmas oldies was the only thing on the channel. Suspect WMAF, Madison, FL 1000/1000 the best candidate. No working stream without having to download proprietary junk. Signal still poking in with C&W after 0730. Song IDs courtesy of SoundHound app on the iPhone held next to the speaker. **(TLK-FL)**
- 1410 unID** -- - 12/28 0642 – Tune-in to male canned, “La Raza 14-10 AM” and Tejanican vocal into fade, with some WNGL Mobile co-channel. Not finding anyone on 1410 with this slogan in the 2014 NRC AM Log or Google search. **(TLK-FL)**



CATCH THE DRIFT

- 1289.71 WOMP OH Bellaire** – 12/27 1700 – Strong het against 1290 co-channels; “1290 WOMP AM Bellaire-Wheeling.” **(BC-NH)**

LOGGINGS

- 540 WETC NC Wendell-Zebulon** – 12/24 1700 – Went over ToH with uptempo Spanish music. 1701 ID in both SS: “Radio Vision cinco cuarenta AM” and EE: “This is WETC 540 AM Wendell-Raleigh-Durham North Carolina” followed by Christmas greetings in SS. **(NW-ON)**
- 560 WIND IL Chicago** – 12/28 2303 – Weather report for Chicago, ID as “560 The Answer,” cars.com ad. Fair to poor in CFOS, WFIL mix. **(PS-ON)**
- WFIL PA Philadelphia** – 12/28 2300 – Religious talk, WFIL & WFIL.com ID at 2300, weather forecast. Very poor in WIND and CFOS mix. **(PS-ON)**
- 690 WJOX AL Birmingham** – 12/26 0500 – Over/under *R.Progreso* Cuba; local PSA, ID, “WJOX Birmingham, a Cumulus station,” and Fox sports. **(BC-NH)**
- 730 WUMP AL Madison** – 12/21 0659 – Mixing with CKAC-Montreal with CBS Sports Radio stuff and ToH ID: “WUMP Madison and W280BA Madison, a Cumulus station... The Tommy Grant show weekdays 3 to 6 on Sports Radio 730 The Ump and FM 103.9.” **(NW-ON)**
- 750 KBNN MO Lebanon** – 12/19 1756* – In multi-station mix (WSB, WBMD, UNID C&W and *R. Progreso*) with sign-off announcement by male: “At this time KBNN ends

another broadcast day. Tune to KJEL FM 103.7..." New station for me. (KK-VA)

- 760 WLCC FL **Brandon** – 12/19 1759 – In WJR/WCIS mix with Spanish talk, legal ID by female in EE: "WLCC Brandon, Tampa, Saint Petersburg..." (KK-VA)
- WETR TN **Knoxville** – 12/27 1700 – Fair; "News/Talk Radio 760, WETR Knoxville," and SRN news. (BC-NH)
- 770 WLWL NC **Rockingham** – 12/19 1631 – Mixing with WABC (noted with Morse code ID at 1800), oldies and other talk, male "We appreciate you listening to WLWL..." station promo. (KK-VA)
- 780 WCKB NC **Dunn** – 12/21 1656* – Sign-off announcement over top of WWOL. (NW-ON)
- WWOL NC **Forest City** – 12/24 1658 – End of the Shining Light Broadcast from Hick's Chapel Baptist Church in Marion NC. Went into USA Radio News without any ID. All alone on 780 once WCKB signed off. (NW-ON)
- +++ - 12/19 1700 – In WAVA/WBBM/WCKB mix with male "You are tuned to 7-80 WWOL Forest City North Carolina...your Gospel voice of the Carolina foothills" ToH ID. (KK-VA)
- 790 WKRD KY **Louisville** – 1/2 0500 – Over/under WPRV, over *R.Relej* Cuba; "Cards Radio 790 WKRD Louisville, available anywhere you go on the iHeart radio app, download it now." (BC-NH)
- WTNY NY **Watertown** – 12/21 0815 – Alone on frequency with station promo "...everything you need to know right here on 790 WTNY." (MKB-ON)
- WETB TN **Johnson City** – 12/19 1645 – In WBLO/WNIS mix with gospel singing, male "Son shine 79 WETB" slogan. (KK-VA)
- WSVG VA **Mount Jackson** – 12/24 1659 – Under WPIC-Sharon with Shenandoah Valley weather forecast sponsored by Woodstock Garage. ID: "freedom of speech radio, the new 7-90 WSVG." (NW-ON)
- 800 WPLK FL **Palatka** – 12/23 1812 – In multi-station mix (WSVS, WCHA, ESPN, UNID SS and gospel stations) with male "WPLK serving Palatka Florida" ID. (KK-VA)
- WSVS VA **Crewe** – 12/21 0829 – Underneath CKLW-Windsor and CJBQ-Belleville with ad for Cedar Hill Farm Market in Blackstone (located right across the road from WalMart), weather and ID. (NW-ON)
- 810 WQIZ SC **St. George** – 12/27 1701 – Fair; "You're listening to Catholic radio for South Carolina, 1300 WCKI Greer, 810 WQIZ St. George, and 730 WLTQ Charleston." (BC-NH)
- 820 WWBA FL **Largo** – 12/23 1700 – In WWFD/CHAM/Cuban mix with male "WWBA Largo Tampa Bay" ToH ID into ABC news. (KK-VA)
- CHAM ON **Hamilton** – 12/23 1800 – In multi-station mix (WWFD, WWBA, R. Ciudad de la Habana, UNID talk and Cuban R. Reloj) with "Funny 8-20 CHAM Hamilton... a division of Bell Media" ToH ID. New station for me. (KK-VA)
- 830 WEEU PA **Reading** – 12/23 1800 – In multi-station mix (WTRU, WCCO, UNID oldies, sports talk and SS stations) with male "The Voice of Berks county 8-30 WEEU..." ToH ID. (KK-VA)
- 840 WHGH GA **Thomasville** – 12/23 1730* – In WHAS/WKTR/UNID SS mix with sign-off: "WHGH Thomasville ends its broadcast...WHGH is located...WHGH is owned and operated by... we would like to wish you... once again have a good evening. Thank you for listening to WHGH." (KK-VA)
- WKTR VA **Earlysville** – 12/23 1625 – In WHAS/WHGH/UNID SS mix with C&W songs, "Big Country 105.3 and 99.1" slogan. (KK-VA)
- ++ - 1/1 1700* – Over/under WHAS; s/off, "You're listening to central Virginia's Big Country at 105.3 WBNN-FM Dillwyn, AM 840 WKTR Earlysville, and 99.1 W256BY Charlottesville... It's time to say good night... Big Country 105.3 and 99.1." (BC-NH)
- 890 WAMG MA **Dedham** – 12/15 1642 – Spanish, plenty of references to "Boston" and "Massachusetts," blasting in for a few minutes. This very directional station barely makes it to the MA-NH southern border and is rarely heard up here. (TF-NH)
- KVOZ TX **Del Mar Hills** – 12/22 0652 – Presumed with odd format of English Urban-Soul takes on Christmas songs, Spanish language man with brief inspirational words at 0656, back to EE Christmas songs, no ID at top of hour, female briefly with "... punto 890" (890 read in EE). No working KVOZ streaming located. Slight WLS and Progreso co-channel, eventually this faded leaving Progreso



alone. Suspect they were illegally on their 10 kW day power, if KVOZ. (TLK-FL)

- 910 WRNL VA **Richmond** – 12/30 0803 – Over CHML-900 slop and IBOC-like hiss with foxsportsrichmond.com web promo into Fox Sports drivel about NFL playoffs. (MKB-ON)
- 940 WADV PA **Lebanon** – 12/15 1633 – Gospel music with WADV ID, clear but soon gone. (TF-NH)
- WKGM VA **Smithfield** – 12/15 1628 – Robbie Zacharias preaching, program is “Just Thinking,” call (757) ----, lost for a few minutes to WADV but soon back with program on evangelization. (TF-NH)
- 950 WHVW NY **Hyde Park** – 12/28 0500 – Over *R.Reloj* Cuba; “It’s the heart and soul of American music, WHVW Hyde Park,” and oldies. (BC-NH)
- 960 WFIR VA **Roanoke** – 12/27 1659 – Briefly over WELI; “From the entire WFIR family, we would like to wish your family a happy holiday and a happy new year,” and PSA for Boys & Girls Club of southwest Virginia. (BC-NH)
- 1070 WAPI AL **Birmingham** – 12/25 0700 – Over usual CHOK with “WAPI Birmingham...on air, online, mobile, a Cumulus station” ToH ID into ABC news. (MKB-ON)
- +++ - 12/26 0100 – Fair; “1070 WAPI Birmingham, on air, on line, on mobile, a Cumulus station,” into ABC news. (BC-NH)
- 1110 WNAP PA **Norristown** – 12/14 1615 – Mention of a toy drive in Philadelphia by woman announcer, ad for Philadelphia Center for Architecture, lots of references to Philadelphia, “Your Inspiration and Information Station” slogan, congratulations to Sister Mary in NJ who won a Gospel Highway Eleven gift package, into gospel music, weak signal. (TF-NH)
- 1130 WLBA GA **Gainesville** – 12/20 0647 – Spanish commercials, “La Mejor” slogan, Tejano song. Very good, presume on 3.2 kW PSRA. First log of it here, if my records are actually accurate. (TLK-FL)
- WDFN MI **Detroit** – 12/19 1615 – Discussion about fantasy football, promotion for the iHeart Radio App, ID for WDFN, Sports Update, traffic report, and “More Sports on WDFN,” mixed with WBBR. (TF-NH)
- +++ - 1/1 1700 – In WBBR null; “Detroit’s 1130 WDFN The Fan, available anywhere you go on the iHeart radio app, download it now,” and Fox sports. (BC-NH)
- 1140 WCJW NY **Warsaw** – 1/1 1700* – Over/under CBI with sign-off announcement: “WCJW AM now leaves the air... on FM, for Warsaw and the rest of Wyoming County at 103.7... Varysburg and the rest of Genesee County on 105.5, in Perry and all of Livingston County at 100.9, and Leroy, Avon, and northern Livingston County at 104.3, this is western New York’s CJ Country, WCJW Warsaw.” (BC-NH)
- 1190 WIXE NC **Monroe** – 12/24 1700 – ToH ID followed by announcement that a commercial-free airing of a 1939 version of “A Christmas Carol” would follow. (NW-ON)
- KFXR TX **Dallas** – 12/22 1745 – Commercial break at tune-in, into Matt Patrick Show with the entire “Can’t You See” by the Marshall Tucker Band mixed underneath his rants, today live from Shaw’s Jewelry, Houston (so this is an at least Texas syndicated show, KTRH, Houston appears to be the flagship). But not really live, he closed with “Have a good weekend” on this Monday, so a holiday excuse to repeat. Mostly poor with the Orlando station nulled out. Parallel TuneIn live stream which was at least 20 seconds behind. “Talk Radio 11-90” is the slogan when going into and out of FOX News Radio top of hour. (TLK-FL)
- WVUS WV **Grafton** – 12/24 1700 – ID by woman which also mentions WLOL-FM, mixing with WIXE-Monroe and another station. (NW-ON)
- 1220 WQUN CT **Hamden** – 12/14 1633 – Traffic report for I-95 and on the Q Bridge (which is in New Haven), nostalgia music, soon gone. (TF-NH)
- 1230 WGUY ME **Veazie** – 1/1 1800 – Good; “WGUY Veazie-Brewer-Bangor” and singing “Oldies 94.1 WGUY.” (BC-NH)
- WIXT NY **Little Falls** – 12/28 0500 – Briefly atop; “ESPN Radio Utica-Rome, your home for Utica College Hockey.” New log. (BC-NH)
- WXCO WI **Wausau** – 12/23 0659 – Robitussin ad, ToH ID: “your hometown radio station, Sunny 1230 WXCO Wausau” into CBS news. (NW-ON)
- 1240 WTAX IL **Springfield** – 12/21 2230 – Lengthy string of IDs/station promos mentioning their FM on 107.5 and their website. (NW-ON)



- WEZR ME Lewiston** – 12/23 1653 – Ads for St. Mary’s.com (St. Mary’s is a hospital in Lewiston), Sam’s Sandwiches (pizza and sandwich chain in Maine), Auburn – Lewiston YMCA, into rock music, then “Happy holidays to all of you at the Auburn Mall from Radio Z 105.5” and more rock music, lost to somebody running CBS Sports, probably WSYY, never heard here before. **(TF-NH)**
- WVTS WV Dunbar** – 12/24 1700 – ID: “Merry Christmas from Charleston’s news talk 94.5 WVTS FM and AM Dunbar-Charleston, from our house to your house...Fox News is next,” into Fox news, of course. **(NW-ON)**
- WHFA WI Poynette** – 12/23 0659 – Relevant Radio programming for Catholics. ToH ID: “WHFA Poynette, Relevant Radio 1240 AM.” **(NW-ON)**
- 1250 WARE MA Ware** – 12/19 1702 – Fox News, ad for Bay State Medical Center in Ludlow, weather, “Real Oldies 1250” slogan, into Christmas music. Very weak signal, WARE protects WGAM in Manchester, not heard here before. **(TF-NH)**
- 1260 WWRC DC Washington** – 12/22 1900 – Over Disney station and sports talker with “WRC Washington” ID into SRN news. I am pretty sure they left one of the W’s off the ID, making it non-legal and making people think they have a legacy three-letter call. **(MKB-ON)**
- +++ - 12/19 1635 – Traffic report by Jim Krantz, “AM 1260 the Answer” non-ID slogan, weather “in the District” by Bob Larson, Town Hall Commentary by Salem Radio Network, into Sean Hannity show, at local strength for a few minutes. **(TF-NH)**
- WWVT VA Christiansburg** – 12/24 1700 – NPR promo and very lengthy “IQ Radio” ID mentioning all of their frequencies. **(NW-ON)**
- 1300 KGLO IA Mason City** – 12/22 1658 – Rush Limbaugh, local spots, ToH ID: “AM 1300 KGLO Mason City...news is next,” into CBS news. **(NW-ON)**
- WMTN TN Morristown** – 12/24 1700 – ToH ID: “Hamblen County’s hometown station for local news and classic country – Country Legends 1300 WMTN Morristown” and AP Network news. **(NW-ON)**
- 1320 WJAS PA Pittsburgh** – 12/14 2204 – Fox News, weather, “Talk Radio 1320 WJAS” ID into Jerry Doyle Show, telephone 1-800-449-8255. Atop frequency, station sends a null into New Hampshire, first time heard here. **(TF-NH)**
- 1340 WMID NJ Atlantic City** – 12/14 2154 – Atop frequency with oldies, woman with “Classic Oldies on AM-1230 and 1340” slogan into “Crying in the Chapel,” a WMID sounder and into more music. **(TF-NH)**
- WMBO NY Auburn** – 12/20 0703 – Over usual WLVL-Lockport NY groundwave with “Dinosaur 95.3 103.9” slogan into “Rich Girl” by Hall & Oates, // dinofm.com web stream. **(MKB-ON)**
- WKEY VA Covington** – 12/20 0600 – ToH ID: “Big Country 103.5 WKEY Covington” into Fox News. **(NW-ON)**
- 1350 WINY CT Putnam** – 12/19 1634 – Atop frequency with local and Connecticut news, “WINY news time is 4:36,” weather from WINY meteorologist Bill Jaquamin, then into “on this date” stuff and a discussion about movies, real local radio! **(TF-NH)**
- 1360 WHBG VA Harrisonburg** – 12/23 0758 – Alone on the frequency with ESPN programming and ToH ID. **(NW-ON)**
- 1370 WTAB NC Tabor City** – 12/28 0605 – Local redneck monotone announcer, Bluegrass gospel vocals, local death announcements at 0625. Under WOCA-Ocala, FL with FOX Sports Radio at this hour. Still question whether WTAB is really on night power. **(TLK-FL)**
- 1450 WTSA VT Brattleboro** – 12/19 1645 – ESPN feed, local ad for Nissan of Keene serving southern Vermont, lost to unidentified Spanish station. **(TF-NH)**
- 1470 WBTX VA Broadway-Timberville** – 1/1 1700 – Fair; live ID, “1470 WBTX Broadway-Timberville... it’s 5 o’clock,” and SRN news. **(BC-NH)**
- 1480 WVOI FL Marco Island** – 12/26 0611 – Pablo Cruise, Beach Boys, Billy Joel, Bob Seger oldies, ad at 0620 for a jewelry store serving, “...the Marco Island Community.” No slogan caught, but mid-November posts on RadioInsight say it’s “Mix 98.1” in reference to W251BL translator, and thus no longer simulcast 1660 WCNZ, which when logging at the same time here is still Spanish. **(TLK-FL)**
- 1490 WTTB FL Vero Beach** – 12/26 0650 – Promo for someone “...back on Monday at ...on WTTB” and unidentified net news top of hour, Sean Hannity promo and female, “News Radio 14-90 WTTB” at 0706. Poor in WWPR black gospel and

WAFZ Mexican format co-channel, plus someone with NOS vocals format. (TLK-FL)

- 1530 **WDJZ CT Bridgeport** – 12/18 1620 – Black gospel music, ads for Glen’s Jazz Club on Main Street in East Bridgeport and Doctors to Health.com, promo for a talk show on WDJZ weekdays from 10:00am to noon, then ID as “Bridgeport, New Haven, Norwalk, Danbury, Waterbury, Hartford, WDJZ-1530” followed by a screaming female gospel singer. (TF-NH)
- 1550 **WDLR OH Delaware** – 12/26 1820 – Over nullled CBEF with Menard’s ad, local weather “from the 1550 WDLR weather forecast center,” “now more music on 1550 WDLR” into “Indiana wants me” by R. Dean Taylor. (MKB-ON)
- WKBA VA Vinton** – 12/27 0802 – Fighting usual CBEF with “...listen live on WKBARadio.com” web promo into “Wonderful Word of Life” gospel program. (MKB-ON)
- 1570 **WNST MD Towson** – 12/24 1602 – Out of graveyard-like jumble with “happy holidays from WNST Towson-Baltimore” ID into Fox sports. (MKB-ON)
- WNCA NC Siler City** – 12/24 1701 – North Carolina Network News, weather, “WNCA Siler City, serving Deep River Country” ID into anti-drunk driving PSA from WNCA and the North Carolina Highway Patrol. (NW-ON)
- 1600 **WZZW WV Milton** – 12/24 1700 – Over top of WAAM with dual ID that mentions WVHU-800 into The Fox Report. (NW-ON)
- 1620 **KOZN NE Bellevue** – 12/30 1905 – Out of weather forecast mentioning Omaha with ID, “AM 1620 The Zone.” NEW! (SC-IN)
- WTAW TX College Station** – 12/30 1939 – “1620 WTAW” ID with sports news. (SC-IN)
- 1640 **WTNI MS Biloxi** – 12/31 0946 – Alone with ESPN but soon overtaken by WSJP. “AM 1640 The Champ” ID checks with website. NEW! (SC-IN)
- WSJP WI Sussex** – 12/31 0949 – Ex-Disney now EWTN Catholic, ID’s as “Relevant Radio” and checks with web search. NEW! (SC-IN)
- 1660 **KWOD KS Kansas City** – 12/31 0929 – ID’s as “KMBZ.com, 98.1, AM 980 and Bloomberg Radio.” NEW! (SC-IN)
- KRZI TX Waco** – 12/31 1800 – ID, “KRZI Waco ESPN Radio” and sports talk. NEW! (SC-IN)
- 1670 **WPLA GA Dry Branch** – 12/28 1815 – Good with ID, “Fox Sports 1670 Georgia.” NEW! (SC-IN)
- 1680 **WOKB FL Winter Garden** – 12/31 0800 – Poor with ID, “You’re listening to 1680 WOKB...? Winter Garden, Florida...Christian Reality Radio.” NEW! (SC-IN)
- KRJO LA Monroe** – 12/28 1700 – Good with Country Music and ID, “KRJO Monroe.” NEW! (SC-IN) *Presumably back on air. Silent as of June 2014, per NRC Log. Mike.*
- WTTM NJ Lindenwold** – 12/30 0900 – Loud with a “WTTM” tossed in over the SS. NEW! (SC-IN)
- 1690 **WMLB GA Avondale Estates** – 12/28 1900 – “WMLB Avondale” ToH ID into CBS News. NEW! (SC-IN)
- 1700 **WEUP AL Huntsville** – 1/1 1703 – ID, “AM 1700 WEUP.” UC/gospel noted. NEW! (SC-IN)
- KKLF TX Richardson** – 12/28 1752 – Good in SS, with commercials in EE, “in Arlington, Dallas and 214” area code noted. NEW! (SC-IN)



DX News is printed by

Peak Printing, Inc.
716 S. 9th Street, Cañon City CO 81212
(719) 275-2136 info@peakprintingonline.com

All your printing needs – including SWL and Amateur QSL Cards

Domestic DX Digest - WEST

Editor: **Jim Tedford**, 20310 Bothell-Everett Hwy. B4, Bothell WA 98012-8133,
Radio_Enthusiast@hotmail.com All times Eastern Local Time (ELT)

Loggings of U.S./Canadian stations heard by DXers in the Central, Mountain, and Pacific time zones

REPORTERS

- BD-WI** **Bill Dvorak, Madison, WI.** Drake R8B 140-foot Double Kaz antenna bearing 100 or 280 degrees.
- GH-OK** **Glenn Hauser, Enid, OK.** Mostly DX-398 with internal antenna only; or Sony SRF-59 as specified; Nissan stock car radio as specified; FRG-7 as specified. Glenn's complete reports, with extensive commentary, are originally published in *DX Listening Digest*.
- JR-OK** **John Reed, Shawnee, OK.** RACAL RA6772E, homebrew tuned loop, Clifton Labs active whip.
- JJR-WI** **John J. Rieger, So. Milwaukee, WI.** Icom IC-R75 MFJ-959B tuner, preamp Kiwa loop.
- JW-CO** **John Wilkins, Wheat Ridge, CO.** Drake R-8, 4-foot box loop.
- KDF-IL** **Karl D. Forth, Chicago, IL.** Tecsun PL-380.

DX LOGS

- 610 KCSP MO **Kansas City** – 12/30 0745 – Poor; steady over all. Ad for golf course, McDonalds; traffic report, "610 Sports Radio." (JJR-WI)
- 660 KTNN AZ **Window Rock** – 1/1 0928 – Good, Navajo talk surely from KTNN; January SR-SS times for it are now 0930-1930, so jumped the gun (arrow?) at least a bit. (GH-OK)
- 690 KGGF KS **Coffeyville** – 12/30 0743 – Poor; Weather Eye "on AM 690 KGGF." No CKGM. (JJR-WI)
- 710 WAQI FL **Miami** – 12/29 1800 – Poor but in the clear with SS talk and some music, LID at 1700 including calls in EE (CoL was inaudible) and singing "Mambi Mambi" ID and spoken "Radio Mambi la Grande" slogan ID. NEW! A very pleasant surprise! Conditions were quite auroral, and the Double Kaz was pointed west for this far southeast station! (BD-WI) 12/30 0645 – Poor; "Aqi" 2 women chattering in SS. Traffic report: Miami, Dade, Broward, Federal Hwy, S. Miami and Downtown Miami announcements. Atop frequency! (JJR-WI)
- 730 WZGV NC **Cramerton** – 12/30 0741 – Poor; ad for Bob ? Hyundai, ESPN 730, Charlotte's new sports radio alternative. No CKDM. (JJR-WI)
- 770 KKOB NM-**Albuquerque** – 1/1 0930 – Also in well before 0930; SR-SS being 0915-1915. (GH-OK)
- 800 WHOS AL **Decatur** – 12/17 0730 – Poor though clear "800 & 1230 WBHP, available on the I heart..." No CKLW. (JJR-WI)
- 800 WVHU WV **Huntington** – 12/20 0759 – Good and in the clear, with a 304 (WV) area code phone number at the tail end of a presumed ad into a two-station legal ID: The Tristate's only local news, News radio 800 WVHU Huntington-WZZW Milton. Aloha Trust." Fox news at ToH followed. NEW! (BD-WI)
- 820 WBAP TX **Fort Worth** – 12/25 0106 – Starting Mannheim Steamroller's American Christmas, music special. A great relief from stupid far-right anti-American 'Red Eye Radio' talk show WBAP usually originates and syndicates. Last Christmas, we ran across this on a number of big stations at various times, a 1- or 2-hour special? But this year here's one station [1490 WOSH Oshkosh, WI] running it for 24 hours straight, repetitious? (GH-OK)
- 840 KWDF LA **Ball** – 12/30 1800 – Fair to poor in rough auroral conditions (no sign of normally dominant WHAS), with "The Bible Answer Man" just ending, religious messages and program promos, LID at 1800: "840 KWDF Ball-Alexandria-Pineville." This was only my sixth station ever on 840 kHz. (BD-WI)
- 880 KHAC NM **Tse Bonito** – 1/1 0930 – Rounding out the big-3 NM non-NYC frequencies is KHAC. January SR-SS times are like KTNN-660, also 0930-1930, but KHAC cheats all night. (GH-OK)
- 910 KRAK CA **Hesperia** – 12/26 0945 – Up and down (mostly down) with CBS Sports programming; barely readable legal ID at 1000: "Crack Sports KRAK Hesperia-Victorville-Apple Valley 910 AM for great live sporting events. The

High Country's best sports talk on Crack Sports 910 AM, CBS Sports Radio" and back to CBS Sports. A new one here, CA #120, thanks to local KPOF being off the air. **(JW-CO)**

- 910 KBIM NM Roswell – 12/26 0929 – Out of talk with nice ID: “For over 50 years, southeastern New Mexico’s choice for news and information – AM 910 KBIM Roswell,” followed by weather, then Rush Limbaugh. Fair peaks but usually under dominant KCJB. Local KPOF was off the air. **(JW-CO)**
- 910 KCJB ND Minot – 12/26 0903 – Fox News in progress; nice ID at 0905 by man: “The Magic City’s news and information station, your home for Fox News Radio – 91 Classic Country KCJB Minot” and into C&W music. Fair/good for the next half-hour. A new one here, ND #32. **(JW-CO)**
- 910 WAVL PA Apollo – 12/21 1859 – Fair to good and in the clear, with the religious program “Divine Intervention” with Daniel Fazzina just ending, Christmas carols and a promo for “America’s News” weekdays 7-8 AM, into legal ID. Station is listed as 69 watts nights but sounded more like it was on day facilities of 5 kW. Not new but very rare here. **(BD-WI)**
- 920 WMPL MI Hancock – 12/16 1902 – Poor; WOKY nulled. “W-M-P-L” into Yahoo Sports. Rare! **(JJR-WI)**
- 960 KGKL TX San Angelo – 12/14 1810 – Texas news with religious slant and ads for San Angelo. Good reception in loop null of KGWA (Enid, OK). New here. **(JR-OK)**
- 970 WWRK SC Florence – 12/30 0624 – Poor, but not noted in months. “Swagga Radio.” R&B Hip Hop. **(JJR-WI)**
- 1010 KXXT AZ Tolleson – 12/20 0207 – I rouse from dozing since my final bandscan has stopped here for some nice steady Spanish music, unfamiliar but probably religious. Break mentions “Centro Sana”?? or something like that, says Spanish programming is from 6 de la tarde hasta 6 de la mañana “en esta estación.” It loops WSW/ENE, and is a very steady signal, really no fading propagationally or from SAHs; yet copy is not easy as the modulation is rather muddy with cutouts in the production, bad mixing of music beds. After a bit more music, piece is cut off for ad string starting at 0210. This goes on and on and on and on, as I vainly keep listening for music to resume. Numerous ads with 602-AC phone numbers, food priced in libras, La Fiesta Restaurante y Tortillería en Avondale AZ; 0216 something in Mesa with a 480-AC phone; 0219 Frank’s Barber Shop (but still in Spanish); 0220 maybe canned ID, plugging J.C., postal address in Phoenix. 0222 repeat announcement about Spanish hours en esta estación de lunes a viernes [but this is now sábado]. 0223 ad with echo SFX mentioning pecados, vida eterna, etc. 0227 oración from ejercitodeamor.org; 0228 FINALLY a song, or rather hymn after 18 MINUTES OF ADS. Good night! At some point I did hear some call letters go by, which match the listing of: KXXT, U5, 15000/250 watts, Family Values Radio. Day pattern is circular, tangent eastward, no doubt also day power now in the night middle. 12/21 0125 –English gospel loops WSW/ENE, strong and steady, just like 24 hours earlier when Spanish here was from KXXT Tolleson AZ. Its Spanish hours are allegedly only on weeknights, so is this KXXT too, back to English? **(GH-OK)**
- 1010 KTNZ TX Amarillo – 12/21 0129 – ESPN Radio mentioned as QRM to gospel huckster dominant. If we were to believe the Wikipedia list of ESPN affiliates, it could only be WJXL Jacksonville Beach FL, 50/30 kW. However, the 2015 NRC AM Log has a much closer if weaker 1010 possibility, KTNZ Amarillo TX which is 5000/500 watts. Wiki shows the 1440 station in AMA as ESPN but admittedly incomplete and out of date. While ESPN itself now lists 1010 KTNZ. BTW, in sorting out IDs by sports networks, keep in mind that not all stations are exclusive with one network or another. **(GH-OK)**
- 1020 KJJK MN Fergus Falls – 12/22 2314 – Nulling semi-local KOKP Perry OK expecting a Latin, I instead hear an echo from another Fox Sports Radio station. According to NRC AM Log, the only other one on 1020 is: KJJK Fergus Falls MN, U2, 2000/370 watts. Its tiny night pattern is NE/SW, so maybe, but ND day pattern would be better. **(GH-OK)**
- 1030 KVOI AZ Cortaro – 12/29 1900 – Legal ID a few seconds past ToH: “KVOI Cortaro-Tucson, online at kvoi.com”; SRN news followed. Fair signal over/under XEYC with usual pest Ktwo nowhere to be found. **(JW-CO)**



- 1050 KJBN AR **Little Rock** – 12/21 0127 – Something in English is easily heard with XEG in fade and easily nullable: “Giving you the music you want and the truth you need, 10-50, KJBN.” Actually I copied the call as KJVN?? But the slogan matches what’s on <http://kjbnradio.com> in Little Rock. It’s non-directional day and night, 1000/19 watts. What do you bet it was day power? **(GH-OK)**
- 1050 KMTA MT **Miles City** – 12/29 1605 – Call ID with oldies. Weak in loop null of KGTO (Tulsa, OK). Unexpected daytime propagation of a distant station. Faded soon after. **(JR-OK)**
- 1060 KXPL TX **El Paso** – 12/18 2130 – I’m looking for the new XERDO in Reynosa, Tamaulipas, as reported by KAZ. There is a big signal dominating with romantic music in Spanish, “cada canción,” but it’s E/W, not N/S; and 2133 as “KXPL [letters pronounced in English], Radio El Paso-Juárez, con su música, toda A-M,” then ranchera. However it disappears abruptly at 0234.4*. It is *supposed* to be a 10-kW daytimer-only. Official FCC sunset for it in December is 1900. It does have a PSSA of a hefty 7 watts! But in December that would last only until 2100 UT. 1060, as soon as KXPL goes off, I can now get a weaker SS station from the N/S at 0234 UT Dec 19; SHVA exclaims “10-60, la estación de todos,” but heavy QRM. This may well be XERDO. 12/19 2135, I am now getting a Spanish music station from E/W, but it’s praise music, keywords such as “redentor,” “bendición,” so it’s obviously the usual KIJN Farwell TX cheater, which earlier had been overcome by KXPL. **(GH-OK)**
- 1070 WINA VA **Charlottesville** – 12/19 0710 – Poor with “WINA morning news”; no WTSO. **(JJR-WI)**
- 1110 WTOF AL **Bay Minette** – 12/30 1730 – Strong signal with Miracle Hour Prayer Line program, ID 1745 that included WMOB-1360 and WTOF. **(KDF-IL)**
- 1110 WGNZ OH **Fairview** – 12/18 0728 – Poor; KFAB tight nulled. Some fades. Dr. David Jerimiah, calls. **(JJR-WI)**
- 1120 KTXW TX **Manor** – 12/29 0800 – Legal ID: “There’s a new bridge in Austin – KTXW Manor-Austin. This is today’s Christian Talk 1120 The Bridge,” followed by program “Focal Point.” Fair peaks with fading and not much trouble from KMOX. A new one here, TX #181. **(JW-CO)**
- 1150 WIMA OH **Lima** – 12/29 0730 – Poor; “live & crystal clear. News Radio 1150 WIMA, Lima” Fox news. Alone. **(JJR-WI)**
- 1220 KZEE TX **Weatherford** – 12/30 1754 – Fair to good and in the clear in auroral conditions with South Asian music, ID in EE by a male announcer: “You are listening to Radio Hot Pepper, locally in Dallas-Fort Worth on radio dial of 1220.” This is the second time I have heard this station, the first on 10/20 also in auroral conditions. The previous night’s and tonight’s aurora was very spotty and though I got some new ones I also lost a few to untimely fade. **(BD-WI)**
- 1260 WSKO NY **Syracuse** – 12/16 1845 – Poor RDIO.com ad, ? trophy “in Syracuse,” no calls, into CBS Sports. Lost to WNDE. **(JJR-WI)**
- 1310 KOKX IA **Keokuk** – 12/30 0809 – Poor; no WIBA. Tight null. 13 degrees, Cloudy. “KOKX Newstime” **(JJR-WI)**
- 1320 KXYZ TX **Houston** – 12/31 1853 – Fair and in the clear in auroral conditions, with what I took to be South Asian music and talk in an both an unID language and English by two women; ad for Prime Lazer Center with locations in the Galleria and in Sugar Land, phone 281-903-7470. Station soon faded. **(BD-WI)**
- 1330 WEBY FL **Milton** – 12/30 1755 – Talk with call ID. Good reception with two phased loops. Faded soon after. New here. **(JR-OK)**
- 1330 WVHI IN **Evansville** – 12/29 0727 – Poor “AM 1330 WTHI” and how to advertise your church. Alone. **(JJR-WI)**
- 1340 WXFN IN **Muncie** – 12/26 1815 – Fairly good signal with Fox Sports Radio, local Muncie ads and weather, PSA, mentions of 102.9 but WXFN not mentioned. **(KDF-IL)**
- 1340 KGHM OK **Midwest City** – 12/30 1735 – Sports talk with Midwest City ads. Not far away but first time to hear this one. I needed a phase null with both tuned loops for reception. **(JR-OK)**
- 1360 WMOB AL **Mobile** – 12/29 0725 – Poor; “Dr. David Jerimiah at 6a, 930a and 6p on WMOB Mobile.” No WTAQ. **(JJR-WI)**
- 1360 KBKB IA **Fort Madison** – 12/29 1818 – Poor; no WTAQ. “1360 KBKB” & Real Country. Not heard in ages! **(JJR-WI)**
- 1370 KCRV MO **Caruthersville** – 12/25 1550 – C&W music and call ID. Weak and fading in/out. New here. **(JR-OK)**

- 1370 KJCE TX **Rollingwood** – 12/30 0846 – Presumed with Austin traffic, Austin ads, Wall Street Journal Report. “Austin’s place for talk, Talk 1370.” Fair. **(JW-CO)**
- 1380 WPYR LA **Baton Rouge** – 12/30 2200 – Good in auroral conditions, moderate unID QRM, with EWTN’s Daily Rosary just ending, local messages, LID including slogan “Catholic Community Radio” and website catholiccommunityradio.org. Needed call change dating back to 9/2/05. **(BD-WI)**
- 1440 WPRS IL **Paris** – 12/17 0740 – Poor with “1230 & 1440 WIBQ” clear above other stations I was chasing. **(JJR-WI)**
- 1440 WZYX TN **Cowan** – 12/29 0649 – “WZYX ...94.5 “ clips of music on station. All alone. **(JJR-WI)**
- 1460 KHOJ MO **St. Charles** – 12/26 0900 – Legal ID in progress as I tuned to 1460: “...and WRYT Edwardsville, KHOJ St. Charles”; EWTN programming followed. Briefly fair in QRM. **(JW-CO)**
- 1480 WDJO OH **Cincinnati** – 12/16 0822 – Poor “1480 WDJO,” “Fools Rush In;” Ricky Nelson atop frequency. **(JJR-WI)**
- 1490 KTOP KS **Topeka** – 12/27 1610 – Sports news and talk with call ID in loop null of KMFS (Guthrie, OK). Still looking for KBIX, but it wasn’t heard. **(JR-OK)**
- 1490 KDMO MO **Carthage** – 12/23 1350 – NOS music with call ID in loop null of KMFS (Guthrie, OK). I was looking for KBIX, which is closer to me with about the same heading, but KBIX was not heard. **(JR-OK)**
- 1550 WDLR OH **Delaware** – 12/17 0620 – Poor with weather; “1550-WDLR” and CBEF in weeds. Noted 1 hour later also. **(JJR-WI)**
- 1570 WVOJ FL **Fernandina Beach** – 12/29 1900 – Poor with local ID over all at time. In 30 minutes or so. Spanish. **(JJR-WI)**
- 1570 WNDA IN **New Albany** – 12/30 0613 – Poor but atop. “News Talk 1570 WNDA” said twice. WHAS-TV weather. **(JJR-WI)**
- 1570 WTLK NC **Taylorsville** – 12/29 1931 – Poor in tight null, slight fades. “..on 1570 WTLK radio in Taylorsville, North Carolina” Southern gospel music. NEW! **(JJR-WI)**

UNID

- 960 UNID -- 12/29 0104 – Optional cutaway ID for “SRN News,” during Fox-hole of dead air from nulled local KGWA Enid, but it cuts back on at 0605 UT before any local ID from the SRN. For quite some time I have not been hearing echoing ABC News at this time which was previously traced to KGKL in San Angelo TX and KMA in Shenandoah IA, both of which are still listed with ABC in the 2014-2015 NRC AM Log. Going strictly by that resource, the ubiquitous SRN has only three affiliates on 960: KKNT Phoenix AZ, 5000/5000 Watts U2 (night pattern supposedly all toward the southwest), format “Intelligent Talk” [sic, huh?]; KLTF Little Falls MN, 5000/38 watts U1, so likely one of those, rather than the third, faraway WCRU Dallas NC (Winston-Salem), 10000/500 watts U4. **(GH-OK)**
- 1120 UNID -- 12/16 0727 – Very poor. Spanish in tight KMOX null. Only in 4 minutes. Never heard Spanish here ever! **(JJR-WI)** *WPRX-CT has been heard in your area – DY.*
- 1160 UNID -- 1/1 0920 – Someone in assertive Spanish roughly NE/SW, making fast SAH with nulled KSL from the NW. Hoping for a late Mexican possible, but more likely KCTO Cleveland (Kansas City) MO, “La Raza” per NRC AM Log, or even more likely KRKY San Antonio TX, which is “Radio Luz.” **(GH-OK)**

Thanks and Happy New Year to all our contributors. See you next time. **(JDT-WA)**

Unreported Stations Update

Only one station from the DDXD unreported list – WTTB-1490 – is reported in this issue, so we now have 497 stations remaining on the list of U.S. and Canadian full-power (i.e., not TIS/HAR or LPRT) stations that have not been reported to DDXD since Volume 67 (1999-2000). The latest full version of the list is in Issue #2 (available on e-DXN.com, if you have forgotten where you put your copy!).

By the way, we have now had 811 different stations reported to DDXD so far in Volume 82. Remember, the DX loggings submitted by members are what keep DDXD going. As long as the station is DX – not a regular, not reported by you in the last year, and not a 50 kW clear within 800 miles or so ((unless you have some specific info to help someone log or ID the station) – send it in!





International DX Digest

Editor: **Bruce Conti**, 46 Ridgely Drive, Nashua NH 03062-1174, contiba@gmail.com
 Loggings of stations outside the continental U.S. and Canada, all times UTC.

PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María DEC 28 0500 – Over/under CIAO and *R.Rebelde*; canned ID, "Transmite CMBQ Radio Enciclopedia, desde la Habana, Cuba," and music program intro, "Interlude, un programa de Radio Enciclopedia..." [Conti-NH]
- 540 **CUBA** *R.Rebelde*, Maisí//Sancti Spíritus DEC 27 0600 – Poor; sounder, dramatic organ of canned ID, "Rebelde, la Habana, emisora de la revolución," parallel 530, 600, 620, 670, and 710 kHz. [Conti-NH] DEC 27 2300 – Usual *R.Rebelde* sounder barely audible on a messy frequency parallel 710 and 770 kHz. [Wolfish-ON]
- 590 **CUBA** *R.Musical Nacional*, La Julia DEC 28 0500 – Under WEZE; piano instrumental, choral national anthem, and classical harp theme music parallel 1140 kHz. [Conti-NH]
- 620 **MEXICO** XEBU Chihuahua, Chih. JAN 1 1427 – Only station audible is weakly in Spanish, re 2015 arriving in Chihuahua Capital, at La Norteñita. This is half a sesquiour after our Enid sunrise of 1343 UTC which will reach its latest of the year in another week, 1344 UTC, per gaisma.com. [Hauser-OK]
- 630 **MEXICO** XEFB Monterrey, NL DEC 30 1306 – Weather in Spanish from "Radar 63" including sunrise/sunset times, then traffic, starting with the highway Monterrey-Laredo, so certainly XEFB Monterrey NL. Only poor signal, but strangely, hardly any co-channel interference from U.S.; where are St Louis and Denver? Radar 63 is the name of the newscast on XEFB, not its total slogan. One can find it twice deep within the packed Facebook page at <https://es-es.facebook.com/630radio>, "El noticiero radiofónico con más tradición del Norte de México" on "FB 630." Or more directly at <http://fb630.com> which shows Radar 63 M-F at 6-8 a.m., 2-3 & 6-7 p.m. (12-14, 20-21, Tue-Sat 00-01 UTC). Besides news, seems main format is Deportes with FB now standing for Fútbol, and in three different versions: Mexican, American, even Premier League! However, their Facebook has a link for those who are sick of football: 'Mas Allá de las Pelotas' featuring a leggy woman at 3-4 p.m. weekdays, which however, is not on the current website schedule. After 20 local on weekdays, 'Los Bellos Tiempos' which could be about anything, but at 21-06 CST overnights (03-12 UTC), 'Sólo Éxitos, 70s, 80s, 90s', surely meaning hit music instead. [Hauser-OK]
- 690 **MEXICO** XEN México, DF DEC 27 1000 – Good; telephone news/sports reports, "Está usted escuchando Lo Mejor de la Semana, de una a tres, con Jacobo Zabludovsky." While the XEN website doesn't provide a program schedule, it shows Zabludovsky on 1 to 3 p.m. The Zabludovsky program is also carried on *Red FM* and other Grupo Centro stations. Thanks to Henrik Klemetz at RealDX for help with the research. [Conti-NH]
- 700.342 unID DEC 26 1000 – Het against 700.0 WLW. [Conti-NH]
- 710 **CUBA** *R.Rebelde*, multiple sites DEC 27 0600 – Over/under WOR; echoing sounders with a second of delay between dominant stations. [Conti-NH]
- 720 **NICARAGUA** YNRC *R.Católica*, Managua DEC 30 2358 – Various promos announcing times for events/programs, with one that had a "Radio Católica de Nicaragua" in it. "Silent Night" played at end of string of promos. Poor with another Latin American station behind it and no sign of WGN. [Wolfish-ON]
- 720 **VENEZUELA** YVQE Porlamar DEC 26 1000 – Under *R.Progreso* Cuba; "Gloria al Bravo Pueblo" choral national anthem. Presumed YVQE (typical), but online program schedule lists 5:00 a.m. start which would be 0930 UTC. [Conti-NH]
- 760 **CUBA** *R.Progreso*, Guane DEC 26 1000 – Under WJR; theme song, chime marking the hour, and "A Primera Hora" intro parallel 640, 690, 720, and 750 kHz. [Conti-NH]
- 780 **BRITISH VIRGIN ISLANDS** ZBVI Road Town, Tortola DEC 26 0959 – Fair; instrumental national anthem and sign-on announcement, "This is Zed BVI... Zed BVI is owned and operated by Virgin Islands Broadcasting Company Limited with 10 thousand watts of power... licensed by the government of the British Virgin Islands..." [Conti-NH]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro DEC 27 2300 – Fair; promo, "Radio Coro... en primer lugar." [Conti-NH]
- 810 **CUBA** *R.Progreso*, Guantánamo DEC 30 0159 – Presumed with the same romantic music as was on 900 kHz. WGY absent at this time. [Wolfish-ON]



- 820 **CUBA** *R.Ciudad de la Habana*, La Habana-Arroyo Arenas DEC 26 1000 -Over/under WWFD and weak *R.Reloj* code; signature melody of canned hourtop ID. Also observed an unID offset signal at 820.18 kHz. [Conti-NH]
- 880 **CUBA** *R.Progreso*, Pinar del Río DEC 26 0600 – Over/under WCBS; easy listening instrumental, 0601 canned ID with theme song, "Radio Progreso, cadena nacional, la onda de la alegría, transmitiendo desde la Habana Cuba, primer territorio libre en América." [Conti-NH]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey DEC 28 1000 – Good; ascending notes marking the hour, "Exactamente las cinco," and canned ID, "Desde la cuna de el mayor, transmite Radio Cadena Agramonte, Camagüey, Cuba," into Cuban music program. [Conti-NH]
- 940 **MEXICO** XEQ Mexico, DF DEC 26 0600 – Fair and on frequency; choral national anthem, Q Radio jingle. DEC 27 1001 – Good; morning prayer, "Gracias Señor," then ID, "Presenta... XEQ radio, 940 amplitud modulada... Colonia Espartaco, México, Distrito Federal, con 50 mil wats de potencia..." [Conti-NH] DEC 29 0606 – Low audible heterodyne from slightly on the low side, ID as "XEQ Radio" from México DF. Sometimes it's off frequency, sometimes not, perhaps due to two separate transmitters alternating. [Hauser-OK] JAN 2 1000 – Noted back off-frequency at 939.88 kHz producing a loud het against WMAC. [Conti-NH]
- 990 **CUBA** *R.Guamá*, Pinar del Río DEC 27 2300 – Fair; "Esta es Guamá, la señal sonora de la familia pinareña," and promo for departamento informativo de Guamá. [Conti-NH] DEC 30 2259 – Chimes and woman with ID followed by newscast with alternating man and woman. Weak and alone on 990 at this time. ID and chimes identical to what is on Interval Signals OnLine. No luck nabbing them on 1070 kHz. [Wolfish-ON]
- 1000 **CUBA** *R.Granma*, Media Luna DEC 13 1155-1210 – "Buenos dias, Radio Granma," woman and man, mentions de Manzanillo, garbled announcement by woman. [Wilkner-FL]
- 1060 **CUBA** *Radio 26*, Jovellanos DEC 28 0500 – Over/under KYW; time marker and choral national anthem. [Conti-NH]
- 1060 **MEXICO** XEEP *R.Educación*, México, DF DEC 27 0600 – Under KYW; choral national anthem, then woman with ID/announcement. Carrier of off-frequency XERDO at 1060.076 observed but 40 dB below dominant KYW. [Conti-NH]
- 1060 **MEXICO** XERDO Reynosa, Tamps. DEC 26 1000 – Weak rumble against KYW. Observed offset frequency, measured at 1060.076 kHz, along with an unID offset at 1060.021 kHz. [Conti-NH]
- 1080 **CUBA** *R.Cadena Habana/R.Ciudad de la Habana*, La Habana-Villa María DEC 26 0600 – Under WTIC; *R.Ciudad de la Habana* jingle. DEC 27 2301 – Under WTIC; ID and singing "Radio Cadena Habana." [Conti-NH]
- 1140 **CUBA** *R.Musical Nacional*, Santa Clara DEC 27 0600 – Through co-channels; classical harp of canned hourtop ID. DEC 28 0500 – Fair, over *R.Cadena Agramonte* and *R.Rebelde*; piano instrumental, then choral national anthem, woman with ID, "Radio Musical Nacional... desde la Habana, Cuba..." and classical harp. [Conti-NH]
- 1140 **CUBA** *R.Surco*, Morón DEC 27 2300 – Under WRVA; canned ID, "Transmite CMIP Radio Surco..." [Conti-NH]
- 1540 **BAHAMAS** ZNS1 Nassau DEC 13 1300 – Woman, "Good morning, this is the Bahamas Radio Network... time for the news." [Wilkner-FL]

CONTRIBUTORS

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, 15 x 23-m variable termination SuperLoop antennas at 60° northeast and 180° south.

Glenn Hauser, Enid OK; DX-398 or PL-880 with internal antenna only.

Robert Wilkner, Pompano Beach FL; 746Pro, Drake R8, NRD 525, Sony 2010XA.

Niel Wolfish, Toronto ON; WiNRADiO Excalibur, Wellbrook loop.

INTERNATIONAL NEWS

GERMANY: The end of 2014 marked the end for DLF long wave. Orienenburg 177 closed DEC 31 2255 UTC. 207 was already gone by then. 153 continued way past 2300 (German midnight) but was gone by 0045 UTC. [Tim Bucknall, *mwoffsets*] It was a disappointing event. 177 was already off by 2357, they stopped 5 minutes earlier as the German forum reported. 207 without audio, but had its carrier still on, and for a few seconds before 0000 the audio returned. After that it shut down and Iceland came in well. 153 continued until around 0025, I read that in the German forum, as I got tired of waiting. There was no special 'good bye', a pity when considering how long LW has been used. [Jurgen Bartels, *mwdx*]



GERMANY: Alan Pennington alerted me to the new entry in mediumwave.info. I wish to thank Ydun for allowing me to relay the bad news. On 13 January 2015 NDR will close Flensburg 702 kHz, Lingen 792 kHz, Hanover 828 kHz, and Hamburg Moorfleet 972 kHz. This will leave only 3 ARD broadcasters keeping MW – if you count Heusweiler 1179. The Bayern and WDR transmitters are still on although their future cannot be long term after so many recent closures. [Dan Goldfarb, *mwmasts*]

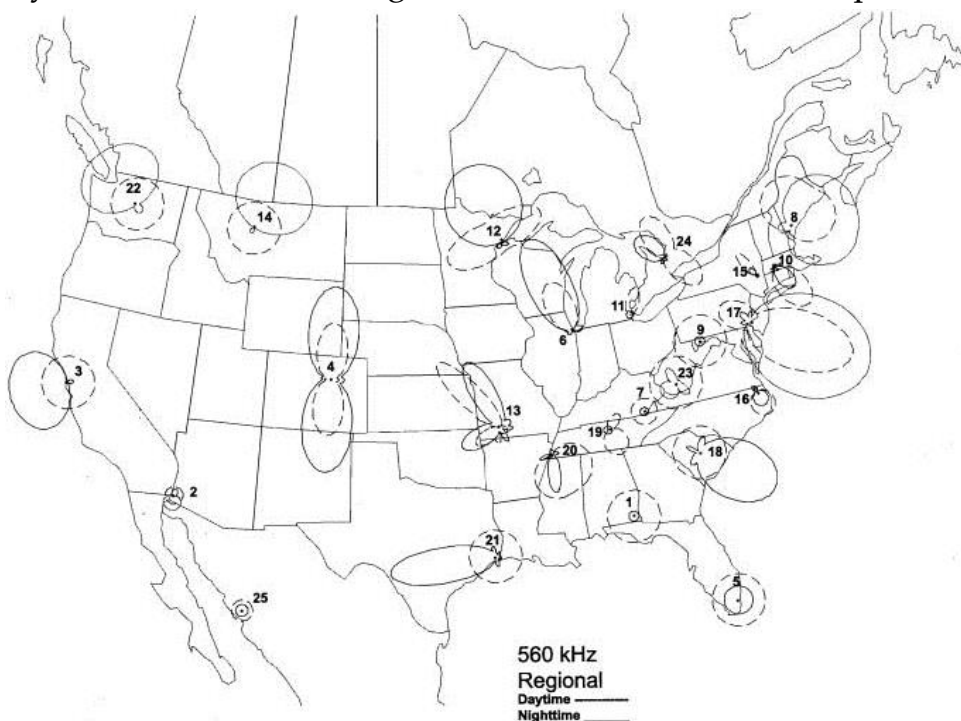
IRELAND: The RTÉ longwave service is to be extended until at least 2017. RTÉ Radio 1 LW will operate a full service in 2015, with reduced hours in 2016 before working towards a full shutdown in 2017. The service was due to end early next year after RTÉ postponed a decision to close the transmitter until 19 January. RTÉ had previously announced that it would be ceasing its longwave 252 service from the Clarkstown transmitter on 27 October and migrating its Radio One service to digital platforms. RTÉ said that in slowing the pace of the longwave shutdown, it has considered contact from listeners and submissions from a range of groups, who highlighted that more time was needed to "understand and enable the migration to digital platforms for all listeners." Head of RTE Radio 1 Tom McGuire said, "We've listened particularly to the concerns raised by and on behalf of the elderly Irish in the UK. Cost-reduction remains a key priority for RTÉ and we remain convinced that, in the longer term, longwave has had its day. Nonetheless and despite the mid-term cost impact, RTÉ believes it is necessary to take a collaborative approach and slow this transition." Minister for Communications Alex White has also welcomed the announcement. He said, "I recently met representatives of the Irish community living in Britain, who stressed the value they place on RTÉ's longwave service. I welcome the decision to extend the life of the service by two years, which will give the broadcaster space to engage with its listeners about other ways of accessing RTÉ radio in the UK." [www.rte.ie/news]

SPAIN: 2014 has been the year of several COPE stations going off the air on MW after more than 50 years. The EAK call signs silenced in recent times are 837 EAK24 Ibiza, 1134 EAK48 Astorga, 1134 EAK67 Menorca, 1134 EAK23 Puertollano, 1143 EAK91 Oviedo-Avilés, 1143 EAK53 Reus, 1224 EAK44 Guipúzcoa, 1224 EAK46 Albacete (announced closing for JAN 2015), and 1269 EAK82 Figueras. Two EAJ's have followed the same path; 882 EAJ20 COM Radio Barcelona, and 1485 EAJ26 OC-Radio Antequera. The Radio ECCA organization MW transmitters in Las Palmas de Gran Canaria seems to be off also: 1269 EAK92 Radio ECCA. All the above plus the 7 Basque transmitters closed in the spring of 2013 gives us a total of 19 stations closed in, more or less, two years. [Mauricio Molano, *mwdx*]

73 and Good DX!

NRC Antenna Pattern Book, 7th Edition

The 7th Edition of the NRC *Antenna Pattern Book* is now available. This all new edition prepared by NRC'er Paul Swearingen is an all-inclusive book of patterns for both Day and Night operation of



stations in the USA, Canada and selected foreign stations. The data for the book comes from the 34th Edition of the *AM Radio Log* and NRC'er John Callerman's comprehensive Mexican station listing.

The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. There are 240 pages and the book has maps covering 530 through 1700 kHz depicting the lower USA, Canada and Mexico. Hawaii and Alaska are shown on separate maps at the of the book.

Price/ordering info: To the United States, \$22.95 for members, \$28.95 for non-members (add \$4.00 for

Priority Mail delivery to U.S. addresses only). To Canada \$35.00; airmail outside of U.S. and Canada \$39.00. For those outside the U.S., use PayPal or a postal money order in U.S. funds only. Order from NRC, P.O. Box 473251, Aurora CO 80047-3251 or www.nrcdxas.org. Colorado residents, please add 3.5% sales tax.



DX Toolbox

Editor: **Shawn Axelrod**, 30 Becontree Bay, Winnipeg MB R2N 2X9, Canada, amandx@mymts.net
 A column devoting to improving your DX skills – for both new and veteran members.

Greetings once again from the Heart of the Continent and welcome to the first DX Tool Box Column of 2015, number 67.

This Month's Radio Saying: Love doesn't drop on you unexpectedly; you have to give off signals, sort of like an amateur radio operator.

The Way Back Machine

This time we take a bit of a different look back. We visit a site that is a radio station sticker lover's dream site. I am talking about the Radio Sticker of the Day site run by Greg Blouch in Dayton, Ohio.

The web site is: <http://radiostickeroftheday.blogspot.ca/>

His sticker collection can only be described as massive. Greg posts stickers from various radio stations daily. You can have a peek at the great stickers in the collection and also look back to previous posts all on his main page. It is well worth a look

Bits and Bites from the NRC listserv:

From: Mark Durenberger

Subject: IRCA 50th Talks

The last of three 'talks' at the IRCA 50th Convention at Billings 2014 is now posted: www.durenberger.com The three talks are:

- Patrick Martin on a life of DX'ing
- Phil Bytheway with Nick Hall-Patch's comments on "miniaturizing"
- Larry Godwin on the beginning of IRCA

They are available for download as a free service of IRCA. Cheers! Mark Durenberger

From: Bill Whitacre (Alexandria VA) bw@his.com

Subject: DXpedition to Lubec, Maine

From Nov. 8-15 I was at Quoddy House for the 5th time [QH5] in the past 4 years [4 autumn & 1 summer] to try my luck at east-coast-style trans-oceanic DX. While there are still LOTS of .wav files to go through, enough is available to get a "glimpse" of things.

Quoddy House [QH] is near Lubec, Maine:

<https://maps.google.com/maps?q=44.818103,-66.962673&t=h&z=18>

As much as a DX opportunity, a visit to QH is also an opportunity to try out new antennas and new configurations of trusted antennas. Over the past few visits I've gotten an idea of where it's possible and useful to put up antennas. Here's a plate showing what and where I put out a nearly 2500 ft. BOG and two 160' DKAZ antennas - both at 50 deg and ~350' apart:

<http://realmonitor.com/qh5/lubec-ants.pdf> - large pdf file

and here's a chronology of when each was up and in what configuration it was in on which day:

http://realmonitor.com/qh5/antenna_cron.html

Instead of a 'traditional' log I put up sound samples of what I heard on a website. The website for QH4 is here: http://realmonitor.com/am_logs_QH5.php

Besides the sounds [accessed by clicking the play button icon in the antenna/time/date vs. frequency matrix], other links of interest include:

- Stats for what was heard: http://realmonitor.com/am_logs_stats_qh5.php
- AzGraph for each antenna to illustrate how it worked:

<http://realmonitor.com/phpmygraph_qh5_combo.html

- A Google Map of what was heard: http://realmonitor.com/latlon_qh5/

Hope you enjoy reading it as much as I enjoy putting it together.

From: Earl Higgins earlthenut@yahoo.com

Subject: Re: DXpedition to Lubec, Maine

All I can say is one word:

Paraguay. Paraguay? Paraguay! Paraguay!! PARAGUAY!!!!

From: Rick Dau (South Omaha, Nebraska) drummer1965us@hotmail.com

Subject: Re: DXpedition to Lubec, Maine

And he got Uruguay, to boot! Sadly, both of those countries are pipedreams here on MW, and I don't believe there is even a shortwave broadcast emanating from either country these days, either.

From: Allan Dunn, K1UCY
Subject: Radio World: Skotdal: AM Band Needs Drastic Change

Have a look at this article:

<http://www.radioworld.com/article/skotdal-am-band-needs-drastic-change/273566%20>

From: Bob Young Millbury, MA KB1OKL
Subject: Re: Radio World: Skotdal: AM Band Needs Drastic Change
Finally someone in the industry who makes sense.

From: Steve Ponder, N5WBI Houston TX stephen_ponder@sbcglobal.net
Subject: URL for Determining Latitude-Longitude from a Street Address

I stumbled on a URL for determining Lat-Lon of a location based on the street address of that location. I cannot remember the circumstances of how I found this URL, so I'll chalk it up to serendipity.

I stumbled on a URL for determining Lat-Lon of a location based on the street address of that location. I cannot remember the circumstances of how I found this URL, so I'll chalk it up to serendipity. Here's the URL: stevemorse.org/jcal/latlon.php

I have tested it with several locations for which I have both street address and Lat-Lon data. The Lat-Lon data used came from an app on my iPhone 4 called "Maidenhead." The Lat-Lon from the Maidenhead app had an accuracy of "within 5 meters." The Lat-Lon from the webpage was spot-on, matching the Maidenhead data. Works for me!! Of course, YMMV.

From: Rick Dau
Subject: A DX "shack" comprised entirely of portables?

That's what I'm considering going with, as I'm trying to come up with a method to combat the growing buzz problem on my R-5000, which is coming from A) somewhere upstairs; B) a neighbor across the street; C) the power lines on my block; or D) a combination of any or all of the above. Does it sound far-fetched? I see photos of ham operators who have desks full of tabletops, and I have to admit that I'm rather envious. But I just don't know anymore that it's practical for me to have any since the QRM is making DX'ing inside the house a huge challenge. There is a baseball field next to a school that's about a 20 minute walk from my place that I've taken portables to in the past and DX'ed MW and LW from there, but it's rather tough to get the motivation to want to go outdoors and DX in the middle of winter. 73, Rick Dau South Omaha, Nebraska EN21AF

From: Bob Young Millbury, MA KB1OKL
Subject: Re: A DX "shack" comprised entirely of portables?

This may or may not help but I was getting a lot of power line buzz and intermittent arcing noises here last year and called Ma electric, they came out and found that connections on top of two telephone poles here were arcing, they fixed it, buzz gone. Also we had an intermittent light on a light pole up the street called the town and eventually they came out and replaced the bulb, result: no more loud buzzing. I do have some good outside dipoles I use for DX'ing with a phaser this also helps to minimize noise. Also good grounds will help with noise. Incidentally if these utilities are creating noise there is a law they have to eliminate it. Incidentally the law is supposed to cover all electronic gadgets that make noise.

From: Neil Kazaross
Subject: New antenna array and WPQZ702 on 1610

For the past couple seasons here my desired western antenna system here in Barrington IL has been a broadside array of two DKAZ antennas aimed due west. Each antenna is 120' x 21' using 23' masts with the bottom wires 2' above ground. Broadside array means side by side and there was 265' between the two DKAZ. I'd prefer to have about 340' spacing but don't have that much land here aimed E-W. Anyhow, 265' spacing provided a nice narrowing of the main beam aimed West (or east if I wanted to swap feeds and termination resistors (Rt). However, the DKAZ along the southern edge of my field was only 20 ft away from parallel power lines running down my street. I knew these lines were making a mess of the pattern and adding noise as well, but could often make do anyhow. Empirically I noted that I could get reasonable termination on quite a few freqs using 470 ohms, but there were still quite a few freqs that weren't well terminated and sometimes backend stations leaking thru.

EZNEC modeling showed me three things, 1) that // wires 20 ft away mess up the back nulls in a big way. 2) That, indeed the lower Rt is needed for better termination due to coupling from the wires. 3) That if I move about 50 ft further from the power lines, they'll have almost no effect on the pattern. (Even moving 30 ft would help lots). Therefore, I moved the one DKAZ further into my property yesterday. I'll take it down in April once mowing starts but we have no use for the field other than DX in the winter.

Since the new location is aimed right at my house I decided to stagger it in relation to the other DKAZ and install it 40 ft further east hoping to pick up less household QRN. This results in a 6 degree beam shift to 264 degrees rather than due west at 270 when both antennas are connected in phase. Given the constant semi-AU cx this season I don't mind riding with that cx and aiming a bit south of west.

The older DKAZ terminates well with 690 ohms. I installed a 690 ohm resistor at the end of the new DKAZ and was quite happy with the results, indicating little in any coupling from power lines. Both antennas might benefit from a little Rt tweaking (maybe +/- 20 ohms) but the time to do that is not late afternoon this time of the year when skip from the east is starting as levels change to much for accurately measuring deep nulls. Note that my south DKAZ terminates with 875 ohms and that each one of these antennas is a different animal with regards to best Rt to get good nulls across the band.

With it being warmer than usual and rather windy here, the new DKAZ was still getting lots of intermittent buzzing QRM from another bad power line but that buzz isn't constant and I can usually DX past it. However, I may test moving that antenna closer to my house which will put that buzz spot (SE direction) further away and more into the termination null.

With spacing of 214 ft, this is basically an upper band antenna as the two elements are too close to provide much beam narrowing on the low end. I tried some beam steering with phasing in the afternoon. The Wellbrook Array Controller's phasing is time delay. I easily nulled out SS from WJTI 1460 and I don't think that I've ever heard WIXN that well during the day. It was clear to me that I was also steering the main beam more towards the SSW than 264 deg and that effect was noted all over the upper half of the band.

OK evening came, and I decided to go with the cx and steer the main beam further towards the SW by nulling down KSTP 1500 from my NW. EZNEC shows that I probably had the high end main beam aimed about 240 deg and with beam widths from about 60-75 degrees. (60 at the extreme high end where 214 ft is a decent spacing). Stuff from KS, OK, MO, AR and even further south was clearly better with phasing than on a single antenna. 1570 XERF was often loud, but when I'd reverse the phase (aiming the main beam somewhat north of west, they'd be gone. KRJO 1680 was in a huge null and gone when I reversed phase, leaving Iowa DOT TIS's basically alone.

With the beam aimed about 235-240 deg, I noted bits of a TIS on 1610 occ. (maybe 1% of the time) getting thru CHHA nuisance. CHHA is reduced by termination but not killed. I managed to hear "happened on Aug 3, 1837".

Hmm..time for Google but I strike out. Hmm CX and high band logs are all basically from near my SW... so what tourism is there SW of the Chicago area? OK Springfield and Abe Lincoln. Aha... on Aug 3, 1837 Lincoln was at a dinner in Athens IL called the Long Nine Banquet and toasted the moving of the state capitol from Vandalia to Springfield.

Careful and repeated listening to my Perseus recordings indeed has enough mentions for me to be sure that I logged WPQZ702. Station info: <http://www.visitmenardcounty.com/styled-9/> and <http://abrahamlincolnonline.org/lincoln/sites/longnine.htm>

Hmm DX'ing and history all together! Note that of course, with the two antennas side by side and not staggered I could also steer the main due west beam about +/- 20-25 deg and sometimes did. 73 KAZ

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Follow @NRCDXNews on Twitter!

Twitter can be used to disseminate hot MW DX tips to the DX community

To read tips: go to www.twitter.com and search for #mwdx

To send tips, write a tweet (140 characters max) and include the tag #mwdx

And don't forget the NRC Facebook page: <https://www.facebook.com/groups/509246815818550/>

GRAVEYARD DX UPDATE

Vincent Ferme, National Radio Club, Editor

dxista@yahoo.ca or 1711 Belval Cres., Ottawa ON K1C 6K2, Canada

* record held by DXer from North America (excluding Alaska)

<u>Station</u>	<u>City</u>	<u>DXer</u>	<u>1230 kHz</u>	<u>DX Location</u>	<u>Miles</u>
WCDS	KY Glasgow	Neil Kazaross		Barrington, IL	* 376
<u>1400 kHz</u>					
WSTC	CT Stamford	Jeff Falconer		Clinton, ON	* 447
<u>1490 kHz</u>					
WJJM	TN Lewisburg	Neil Kazaross		Barrington, IL	* 470
KVWC	TX Vernon	Neil Kazaross		Barrington, IL	* 818

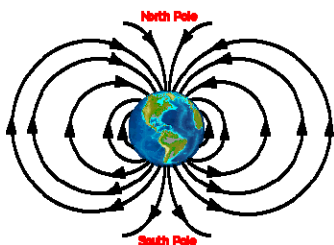
Editor's request: Please include your updated totals for all Graveyard frequencies when submitting GYDXA. Thank You!

Membership Report

- "Please sign me up for another year's membership if you would. I would like both the paper edition of DX News as well as e-DXN." – Todd Brandenburg
- "This will be my 45th year in the National Radio Club." – Nancy Johnson

New Members – Welcome to Jeffrey Morgan, St. Louis, MO; and George Wherry, Jeannette, PA.

Renewing Members – Thanks to the continued support of Todd Brandenburg; Anthony K. Fitzherbert; Stephen R. Gaughan; Bruce Hackworth; Richard D. Hansen; Stephen Healy; John and Nancy Johnson; David Benson Jones; John Kraemer; Robert Leamy; John R. Morales; Jon M. Ohman; Forest Osborn; James N. Paige; John Reed; John Santosuosso; Greg Shoom; Cary Simpson; Douglas E. Smith; Paul Swearingen; Powell Way; and James H. Weber.



Geomagnetic Indices

Geomagnetic Summary December 2014

Via Phil Bytheway – Tabulated from email status daily (K = 0000 UTC).

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
12/1	168	10	4	minor, R1	17	192	8	1	moderate, R2
2	168	12	2	no storms	18	213	5	2	moderate, R2
3	154	8	2	no storms	19	216	8	2	moderate, R2
4	158	11	4	moderate, R2	20	203	9	3	strong, R3
5	137	11	2	minor, R1	21	206	14	4	minor, R1
6	129	13	4	no storms	22	179	20	2	minor, G1, R1
7	132	28	4	minor, G1	23	166	13	4	no storms
8	133	17	3	no storms	24	151	17	3	no storms
9	140	15	3	no storms	25	145	12	4	no storms
10	150	9	1	no storms	26	137	17	3	no storms
11	148	6	3	no storms	27	134	7	1	minor, R1
12	154	21	3	minor, G1	28	133	10	3	no storms
13	x	x	x	x	29	132	23	5	minor, G1
14	166	11	2	minor, R1	30	130	18	3	minor, G1
15	169	15	3	no storms	12/31	134	8	2	no storms
16	185	8	3	no storms					

Sx – Solar Radiation Storm Level / Gx – Geomagnetic Storm Level / Rx – Radio Blackouts Level.

National Radio Club

Founded in September, 1933, the National Radio Club is a non-profit organization devoted to the medium wave DX hobby. It is operated solely by uncompensated volunteers. Subscription costs cover printing, postage, and operational costs and are subject to change without prior notice. The opinions expressed in this magazine are those of the individual writer and do not necessarily reflect those of the Publisher or the Board of Directors of the National Radio Club, Inc. Any reproduction of material contained in DX News/e-DXN without permission of the National Radio Club or the author is prohibited. All published material in DX News/e-DXN may be reprinted by the National Radio Club at a later date. DX News/e-DXN published material reprinted in other publications should include an attribution naming the author and DX News/e-DXN as the original source. Construction projects described herein may be hazardous and are to be undertaken at the assembler's risk; the NRC, its officers, and author(s) will not be responsible for any injuries or losses arising during these projects. Tool usage and electricity can be dangerous.

NRC Board of Directors: Shawn Axelrod <amandx@mymts.net> – 30

Becontree Bay – Winnipeg MB R2N 2X9 Canada; Wayne Heinen <amradiolog@nrcdxas.org>; NRC AM Radio Log Editor – 4131 S. Andes Way – Aurora, CO 80013-3831; Dave Schmidt <NRCMusings@aol.com>

- 55 N. Main St., Shrewsbury PA 17361; Paul Swearingen <plsbebdxer@aol.com>; Chairman; Dick Truax <K9RT@aol.com>; NRC Treasurer – P. O. Box 39451 – Louisville, KY 40233-9451.

NRC on the World Wide Web: The NRC web site is www.nrcdxas.org; e-DXN is at www.e-dxn.com (Kraig Krist, webmaster).

National Radio Club members may choose to receive our print publication (DX News), our audio program (DX Audio Service), e-DXN (including online access to both DX News and the DX Audio Service), or any combination of these.

• **DX News – David Yocis, Publisher/Editor**<NRCDXNews@gmail.com> – 1245 Thirteenth St. NW, #105 – Washington DC 20005; 202-415-3011 [leave voice mail]. (Send only material for publication in DX News.)

Subscriptions and Renewals to DX News: Yearly subscription (20 issues, biweekly in DX season): To a U.S. Address: US\$45.00; to a Canadian Address: US\$55.00; to all other countries: US\$70.00.

• **DX Audio Service – Fred Vobbe, Publisher/Producer** – 706 Mackenzie Drive – Lima, OH 45805-1835. 419-228-6223 <fvobbe@realoldiesradio.com> (\$30.00 for subscriptions; DXAS address changes).

Subscriptions and Renewals to DX Audio Service: yearly subscription (twelve audio CDs, mailed on or about the 20th of each month) (send new and renewal subscriptions to Fred Vobbe): One-year First-Class Mail subscription to DX Audio Service to USA, Canada addresses: US\$30.00; all other addresses: US\$40.00.)

Subscriptions and Renewals to e-DXN: Annual registration: \$5.00 for subscribers to DXN or DXAS; \$15.00 for an e-DXN-only membership. Access the e-DXN web site <www.e-dxn.com> and follow the links.

National Radio Club

P.O. Box 473251

Aurora, CO 80047 – 3251

*Send all payments to NRC Headquarters at:
National Radio Club*

PO Box 473251

Aurora, CO 80047-3251

<sales@nrcdxas.org>

Please send all of the following to NRC Headquarters in Aurora:

• **New subscriptions and renewals** for DX News, the DX Audio Service, and e-DXN.com.

• **Subscription or delivery problems** for DX News or DXAS.

• **Changes of address** for DX News.

• **All NRC Publications** orders.

For multiple items, there's no need to send separate checks or in separate envelopes. It all goes to the same National Radio Club HQ.

Payment options for any item: US\$ funds only: check, money order, or credit card (via PayPal: access <www.nrcdxas.org> ONLY and follow the links), or cash at your risk. (Out of USA: Postal money order or PayPal only; NO checks.)

All checks and money orders should be made out to: **National Radio Club**.

DX News is printed by Peak Printing – 716 South 9th Street – Cañon City CO 81212 – (719) 275-2136 – <info@peakprintingonline.com>

First-Class Mail
U.S. Postage
PAID
Cañon City, CO
Permit # 22