

DX News

Serving DX'ers since 1933



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From the Publisher: Here's to the first *DX News* for 2016! May your new year be filled with personal happiness and lots of new DX!

Why not contribute something to *DX News* during the new year? Send your loggings or a Musing to your favorite column's editor, or send miscellaneous material directly to the publisher at NRCDXNews@gmail.com.

From the (Print) Archives: Thanks to Ron Schiller for volunteering to compile the "From the Archives" feature – his first contribution is in this issue. Ron has been an NRC member (albeit with a few lapses) since 1951, so he will remember many of the events he's narrating! And thanks to Wayne Heinen, Bill Hale, and John Herkimer who have been scanning back issues over the last few years and building our PDF archive on e-DXN.com.

And from the (Audio) Archives: We're also looking for old DX Audio Service tapes, the After Dark series, and any other audio related to DXAS. Christopher Roach has volunteered to digitize these items to post on e-DXN for all to enjoy. If you have some of these items, you can contact Chris by e-mail at wlix540@hotmail.com to see if they are on his "needed" list.

WRTH Raffle: The club has four copies of the 2016 WRTH and will make them available at \$12 for U.S. members. (Sorry, the cost of postage to Canada and elsewhere is more than the cost of the book!) As in past years, we'll make them available via raffle. To receive a chance at the drawing, just send a postcard or letter to NRC WRTH Drawing, PO Box 473251, Aurora, CO 80047-3251. We'll draw 4 names of National Radio Club members in good standing (*your subscription to DX NEWS or e-DXN.com must be current*) and notify the winner by phone, provided you supply your phone number. The 4 lucky winners will receive the WRTH after they send us \$12 shipping and handling (and a buck or two for the NRC Treasury). Deadline for your response in the PO Box will be Saturday, February 13.

Membership Report

New Member: Welcome to John Frid, Hopkins, MN.

Rejoining Member: Welcome back to John Dailey, North Las Vegas, NV.

Renewing Members: Thanks for the continued support of Frank Aden, Jr.; Robert Irvin; and John Santosuosso.

36th Edition of the National Radio Club's AM Radio Log Is Available and Shipping!

The NRC *AM Log* is a comprehensive list of AM radio stations in the United States and Canada, with all the information a DXer needs – power, schedule, format, slogan, networks, address, and more. And it's continually updated through the AM Switch column here in *DX News* (and Interim AM Switch weekly on e-DXN.com).

Order by snail mail by check or money order in U.S. funds to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at www.nrcdxas.org. To U.S. addresses, \$22.95 to members, \$28.95 to non-members, add \$4.00 for Priority Mail delivery; to Canadian addresses it's US\$36.25 and overseas US\$41.75.

Volume 83 DX News Schedule

No	Deadline	Pub. Date	No	Deadline	Pub. Date	No	Deadline	Pub. Date
9	Jan. 15	Jan. 21	13	Mar. 18	Mar. 28	17	June 24	July 4
10	Jan. 29	Feb. 8	14	Apr. 8	Apr. 18	18	July 22	Aug. 1
11	Feb. 12	Feb. 22	15	Apr. 29	May 9	19	Aug. 19	Aug. 29
12	Feb. 16	Mar. 7	16	May 27	June 6	20	Sept. 9	Sept. 19

Publishers' deadline is 2400 ELT on Friday nights – *DX News* posted that weekend to e-DXN.com, and in most U.S. mailboxes on or around the Monday masthead date.



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@nrcdxas.org

Official updates from the FCC and the CRTC

At the end of 2015, the FCC online databases showed a total of 4,684 AM radio stations currently licensed by the FCC, down from 4,705 as of December 31, 2014. This reflects two new stations added (KCKQ-1060 and KEWE-1240) and 23 stations deleted (KHNU-620, WMTY-670, WR2XJR-670, KSKO-870, WERH-970, WYBG-1050, KJQS-1060, WDIS-1170, KORL-1180, WWWH-1230, KIMB-1260, KTSN-1340, KCRX-1430, WCFJ-1470, WCHZ-1480, WPUT-1510, WZRK-1550, WQXY-1560, WAGL-1560, KBRI-1570, KESM-1580, WTGA-1590, and KXOL-1660).

CALL CHANGES

- 1340 KFMD AR Bethel Heights – Call change to KQIS (Dec. 31).
- 1440 KDIZ MN Golden Valley – Call change to KYCR (Dec. 24).
- 1490 KTOB CA Petaluma – Call change to KNZB (Nov. 14, 2014 – just shows up now).
- 1570 KYCR MN Golden Valley – Call change to KDIZ (Dec. 24)

CONSTRUCTION PERMITS FOR EXISTING STATIONS

CPs built, nearing final licensing:

- 1260 WFJS NJ Trenton – Granted program test authority to use CP for U4 5900/2500.

CPs granted:

- 560 WQAM FL Miami – Granted CP for U1 4100/1000.
- 950 WXLW IN Indianapolis – Granted CP for U1 1000/13.
- 1080 WNWI IL Oak Lawn – Granted CP for U2 5000/2600.
- 1550 WNTN MA Newton – Granted CP for U1 750/3, CoL to Cambridge MA.



Applications filed:

- 1070 WEKT KY Elkton – Applies for U1 1000/18.

Amendments to pending applications:

- 1090 KRKE NM Milan – Has an application for D1 1000 at 35-40-43/105-59-28, CoL to Eldorado NM; amends application to also change frequency to 1080 kHz.
- 1550 WCSJ IL Morris – Has an application for D1 280 at 41-50-10/88-24-45, CoL to Geneva IL; with deletion of WZRK-1550 now amends application to U4 885/6, remaining at current site and keeping CoL of Morris IL.

CPs expired and deleted:

- 540 WETC NC Wendell-Zebulon – CP for U4 10000/500 expired unbuilt; filed new application for the same U4 10000/500 to replace it.

SPECIAL TEMPORARY AUTHORITY (STA)

- 980 KTCR WA Selah – Applies for STA with D1 1000 from tower of KRSE-105.7; has lost lease on licensed transmitter site.
- 1310 WDTW MI Dearborn – Granted STA with U1 1000/1000.
- 1350 KRNT IA Des Moines – Granted STA with U1 5000/1250, problems with phasor.
- 1360 WHNR FL Cypress Gardens – Applies for STA with U1 1250/625
- 1410 WSHY IN Lafayette – Granted STA with U1 250/60 during tower work.
- 1570 KKCL CO Loveland – Applies for STA with D1 50 from longwire at 40-29-37/105-10-53.
- 1590 WFBR MD Glen Burnie – Applies for STA to operate without sample lines.

Applications to extend existing STAs were received from WYEL-600 Mayagüez PR (U1 1250/1250); WLTP-910 Marietta OH (low power night operation from day site); KDHL-920 Faribault MN (reduced power, unspecified); KZZB-990 Beaumont TX (U1 250/250); KLIM-1120 Limon CO (D1 100 from studio site at 39-16-00/103-41-15); WALO-1240 Humacao PR (U1 1000/5000 to overcome Dominican QRM); KKDZ-1250 Seattle WA (U1 5000/1250 from day site, uses night facility from sunset to 0300 ELT then switches to day power anyway when KWSU signs off); WINW-1520 Canton OH (D1 250 from alternate site); and KGFK-1590 East Grand Forks MN (parameters at variance, almost finished with repairs after 2013 fire).

Previously reported applications to extend existing STAs were granted to WSYR-570 Syracuse NY, KAMA-750 El Paso TX, WIIN-780 Ridgeland MS, WHIM-1080 Coral Gables FL, KTLK-1130 Minneapolis MN, KVCE-1160 Highland Park TX, WQHC-1170 Hanceville AL, WSKN-1320 San Juan

PR, WTRN-1340 Tyrone PA, KBUY-1360 Ruidoso NM, WDOV-1410 Dover DE, WENE-1430 Endicott NY, WBNS-1460 Columbus OH, KYOS-1480 Merced CA, KOKC-1520 Oklahoma City OK, KZNX-1530 Creedmoor TX, and WPUL-1590 South Daytona FL.

SILENT STATIONS

Formerly silent stations informing the FCC that they are no longer silent:

890 KMVG MO Gladstone – Silent Sept. 1 (as KGGN); back on the air Dec. 23.

Stations informing the FCC that they are silent:

1480 KBXD TX Dallas – Had been back on the air Dec. 10; silent again Dec. 21 to replace transmitter and hopes to be back on the air within 30 days.

COORDINATE CORRECTION

1410 WSHY IN Lafayette – Applies for CP to correct coordinates to 40-21-41/86-52-38.

Canada: No CRTC news to report.

NRC AM Log Updates

- 640 WMFN MI Zeeland** – Format to SS:TLK (ex-SS); slogan to “Radio Activa,” delete // WMJH-810.
- 700 KHSE TX Wylie** – Format to SS:REL; slogan & Group to // Bringing the Community Together.
- 730 KWOA MN Worthington** – Adds // K262AR-100.3.
- 750 WQOR PA Olyphant** – Slogan & Group to // JMJ 750 Radio.
- 760 KDSP CO Thornton** – Format to SPT (ex-TLK); slogan to “Denver Sports 760,” networks to FSR/CS.
- 790 WAYY WI Eau Claire** – Slogan to “Chippewa Valley’s Sports and Information Station,” networks to A/CS/Jr. (JW)
- 810 WMJH MI Rockford** – Slogan to “La Poderosa,” delete // WMFN-640.
- 890 KMVG MO Gladstone** – Format to REL (ex-Silent), delete slogan, networks to EWTN.
- 910 WRKL NY New City** – Format to Polish (ex-ETH); slogan & Group to // Polskie Radio. (KK)
- 930 WIZR NY Johnstown** – Slogan to “Z 102.9.”
- 950 KDCE NM Española** – Adds // K264BH-100.7.
- 960 KLAD OR Klamath Falls** – Slogan to “ESPN 93.3 & 960,” adds // K227CU-93.3.
- 980 WEGO NC Winston-Salem** – Format to OLD (ex-NWS/TLK); slogan to “The Big 980,” drops networks.
- 990 KFCD TX Farmersville** – Format to SS:REL (ex-SS:REL:ETH); slogan & Group to // Bringing the Community Together.
- 1030 WNVR IL Vernon Hills** – Slogan & Group to // Polskie Radio. (KK)
- 1080 KNDK ND Langdon** – Slogans to “Classic Country,” “Live and Local.”
- 1110 KVTX TX Mineral Wells** – Format to SS:REL (ex-ETH); slogan & Group to // Bringing the Community Together.
- 1120 WKCE TN Maryville** – Format to OLD (ex-NWS); slogan to “Mid Centry Radio.”
- 1230 WGUY ME Veazie** – Format to AC/EZL (ex-OLD); slogan & Group to // 93.7 The Wave.
- WXCO WI Wausau** – Format to OLD (ex-SPT); slogan to “Cool Oldies,” networks to C.
- 1240 KSAM MT Whitefish** – Slogan to “Sam 1240.”
- 1260 WSDZ IL Belleville** – Format to TLK (ex-KID); slogan to “The Answer,” networks to SRN.
- WFJS NJ Trenton** – Group to // WFJS Group.
- 1290 KUOA AR Siloam Springs** – Format to SPT (ex-TLK); networks to ESPN; slogan & Group to // ESPN Radio 99.5; delete Group // The Mouth.
- 1300 WRDZ IL La Grange** – Slogan & Group to // Polsie Radio. (KK)
- 1320 WENN AL Birmingham** – Format to AC (ex-UC:GOS); slogan to “All the Hits 100.1,” adds // W261BX-100.1.
- 1330 WCVC FL Tallahassee** – Adds // W245CB-96.9.
- 1340 KKAM TX Lubbock** – Networks to CS/Jr/MRN.
- 1380 WKJG IN Fort Wayne** – *Can anyone confirm that they now are // W265CY-100.9? (WH)*
- 1450 WLAY AL Muscle Shoals** – Slogan to “The Sound.”
- WMOH OH Hamilton** – Networks to SRN/Oh/CS.
- 1480 KLVL TX Pasadena** – Format to Stunting (ex-Asian). (JW)
- 1490 WAZL PA Hazleton** – Format to REL (ex-Rock/OLD); networks to EWTN; slogan & Group to // JMJ 750 Radio; delete Group // GEM 104 FM.



	WLPA	PA	Lancaster – Adds // W223CH-92.5.
1510	KTTT	NE	Columbus – Format to C&W (ex-ETH/TLK).
1520	KYND	TX	Cypress – Format to C&W (ex-Chinese); delete networks, delete // KGBC-1540. (JW)
1540	KGBC	TX	Galveston – Format to Asian (ex-Chinese); slogan to “Hum FM Radio,” drops networks, adds // K291CE-106.1. (JW)
1560	WRSJ	PR	Bayamón – Slogan to “Metro Radio.”
1580	KFCS	CO	Colorado Springs – Format to REL (ex-OLD/Shopping); slogan to “Faith-Based Christian Radio.” (SA)
	WGYM	NJ	Hammonton – Format to REL (ex-SS); networks to EWTN; Group to // WFJS Group. (DY)
1590	WVNA	AL	Tuscumbia – Slogan to “News Talk.”
	WSRW	OH	Hillsboro – Format to OLD (ex-C&W); adds // W268CC-101.5; delete Group // Buckeye Country 105.5.
1600	KEPN	CO	Lakewood – Slogan to ESPN 1600; networks to ESPN/MRN/PRN.

New Groups

// 93.7 The Wave – WRMO-93.7, WGUY-1230, W231CH-94.1
 // Bringing The Community Together – KFCD-990, KHSE-700, KVTI-1110
 // ESPN Radio 99.5 – KAKS-99.5, KUOA-1290, K248CT-97.5
 // JMJ 750 Radio – WQOR-750, WAZL-1490, W233CB-94.5, W255BO-98.9
 // Polskie Radio – WNVR-1030, WRKL-910, WRDZ-1300 (KK)
 // WFJS Group – WFJS-1260, WFJS-FM-89.3, WGYM-1580



Deleted Group

// Buckeye Country 105.5.

John Wilkins heard KBUL-970 Billings running with 100% simulcast of "Cat Country 102.9" with C&W mx and slogans and a 3 station ID KCTR Billings, KCHH Worden, and KBUL Billings. No format change, here's the explanation from KBUL: "We did not change the format, we are still NewsTalk. The difference is that we are simulcasting the Breakfast Flakes Morning Show on both Cat Country 102.9 and KBUL. We still have Rush, Hannity, Beck, etc after 10am. The Breakfast Flakes are primarily a talk program. The guys are on vacation for the holidays, so it sounds very music intensive at this point." Michael Sutton, Market President, CRO Townsquare Media Billings.

From Radio Insight

The FCC has announced it will hold two filing windows for the translators associated with the AM Revitalization Order. The first window will open on January 29, 2016 and run until 11:59pm on July 28th, while the second will run from July 29 until 5:00pm on October 31. During those windows AM licensees can apply to move one non-reserved band (92.1 through 107.9) translator up to 250 miles. The first window will be open to Class C or D AM stations, while the second window will be for any AM station seeking to relocate a translator. The 250 mile limit is from the translator's currently licensed site to the location where the translator will be moved and not where the AM station is located. Translators can be moved from any frequency in the non-reserved or commercial FM band. Any translator moved must rebroadcast the specified AM station for at least four years. A full FAQ sheet is available from the FCC.

Thanks to Shawn Axelrod (SA), Bill Hale, John Wilkins (JW), David Yocis, (DY), Kraig Krist (KK).

Unreported Domestic Stations

There are two previously unreported stations reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WBLB-1340 and WHTB-1400. This brings us to 450 active stations in the United States and Canada on the unreported list. It was just over a year ago (December 2014) that we cracked the 500-barrier! Can you hear one and report it for next issue? The most recent full list was printed in Issue 82-20.



Domestic DX Digest – East

Mike Brooker, Editor

99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada), patria1818@yahoo.com

Loggings of U.S. and Canadian stations by DXers located in the Eastern and Atlantic Time Zones. All times are Eastern Local Time (ELT).

REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, MWDX-5, variable termination SuperLoop antennas northeast and south.
- HF-MI** **Harold Frodge, Midland** – Drake R8B + 125 ft. bow-tie; 60 ft. RW & 185 ft. center-fed RW
- TF-NH** **Tony Fitzherbert, Campton** – Grundig S-450 DX, Grundig AR-200 loop
- HJH-PA** **Harry Hayes, Wilkes-Barre** – C. Crane Skywave, Q-Stick Plus ferrite rod
- 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
- NjW-ON** **Niel Wolfish, Toronto** – WinRadio Excalibur G31DDC + Wellbrook Loop
- LW-NY** **Leslie Wood, East Meadow, Long Island** – Grundig G8 Traveler II, Superadio III, RS 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

UNIDS

- 630 unID** -- – 12/24 0713 – Someone with Christmas vocals, such as "Greensleeves (What Child Is This?)" and "Little Drummer Boy" with male announcer briefly at 0716, lost to fade and 620 WDAE iBOC. Not WAVU, Albertville, AL whose website's Last Played link shows they are playing all Christmas songs, but none matched, even taking into account a long posting delay. On Christmas eve, could be practically anyone. **(TLK-FL)**
- 840 unID** -- - 12/24 1649 – In multi-station mix (WHGH, WKTR, WCEO, other singing, other talk and Cuba) with Morse code "EI5ETSE." **(KK-VA)**
- 1309.74 unID** -- - 12/18 1951 – Big het always present in darkness on the channel, looping roughly SSW/NNE and frequency approximate. Domestic? **(TLK-FL)**
- 1330 unID** -- – 12/23 0700 – Lots here, but with splash from very local 1340 it's extremely tough. Noted power up on someone going into ABC News, presumed ad at 0705 mentioning Alabama. Male announcer mentioning, "... 60 degrees... Alabama... something going on... inspiration... Christians arrived... our thought for the day is..." The WZCT website shows the temperature at 61 moments after hearing that when looked at. So, maybe WZCT, Scottsboro, AL. But they are listed in the NRC AM Log as an SRN affiliate, not ABC, and the ABC Radio website is stupid: the Affiliates link is merely a form to fill out if your station wants to become one, and the WZCT site won't stream and doesn't list their news feed source(s). Their website also has a Verse of the Day (but no Thought), however, unable to copy any part of that to compare to today's Thought. Other stations heard here: at 12/23 0642, someone with Mexi-tunes and two minutes later, someone else fading up with "More Than I Can Say" by Leo Sayer. **(TLK-FL)**
- 1370 unID** -- – 12/28 2352 – Someone with Top 40 oldies (Starship, Steve Winwood, Roberta Flack, Commodores, The Police, Hall & Oates). Ran across the hour with no ID, and if any liners were inserted, signal conveniently faded each time. Pointing NE, about the same as the two NC stations heard. Slight WCOA Pensacola and WOCA Ocala co-channel. **(TLK-FL)**
- 1410 unID** -- – 12/24 0648 – Someone briefly in with Mexi-tunes over otherwise dominating WNGL. Seemed to point NNE/SSW and suspect someone domestic. NC? **(TLK-FL)**

TIS/HAR

1639.84 unID -- - 12/26 0526 - Frequency reading approximate. No audio making it through. Suspect an off-channel TIS/HAR and definitely lower than the audible SE Florida I-595 Turnpike audible signal. (TLK-FL)

1640 WQDM970 FL Broward County - 12/26 0525 - FDoT Florida Turnpike, Sawgrass Expressway MM 4 most likely the one, which would be propagating about 190 miles. Looping SE/SSE. Quasi-generic loop with compu-female mentioning, "... 1 8 8 8... W W W dot... (and the key to narrowing down)... Interstate Five Ninety Five..." and real man mentioning "This is the Florida..." Seemingly slightly off-channel (low side). Suspect this is the Florida Turnpike transmitter on the Sawgrass Expressway at MM 4, Broward County, which dumps into I-595 on the southern terminus and as from previous listening experience while passing through, got out well.



FCC dB shows the calls are WQDM970; on my Florida Low Power Radio Stations page, it's just a generic entry at the end of the long list of FL Turnpike 1640 entries which is this one, as I pegged it to MM 4 in the line item. (TLK-FL)

SPURIOUS THEY ASSAILED US

830 WKTR VA Earlysville - 12/24 1625 - Mixing with WTRU, other talk and Spanish. Yes WKTR is on 840 kHz, but they are putting out a spur around 830 kHz causing a terrible het to stations on 830 kHz. I contacted the station, explained the problem and asked them to pass the info onto their chief engineer. (KK-VA)

LOGGINGS

540 KMLB LA Monroe - 12/19 0600 - ToH ID mention of I-Heart Radio and ABC news. (NjW-ON)

580 WGAC GA Augusta - 12/22 2355 - Michael Savage show, promo for the WGAC phone app and CBS news. (NjW-ON)

620 WZON ME Bangor - 12/30 1559 - Atop frequency with ID for "The Pulse, AM-620, WZON," promo for "Overnight America" on WZON with John Grayson at 1:00am, legal ID, and into CBS News. (TF-NH)

WRJZ TN Knoxville - 12/21 0700 - "7 o'clock at WRJZ Knoxville" and announcer-read commercial for Fox Toyota followed by local news. (NjW-ON)

680 WPTF NC Raleigh - 12/16 1652 - Mention of Celtic Christmas Show, Dec. 20th in Durham. Ad for local Subaru dealer, then into "That's Entertainment" movie review segment. (LW-NY)

710 WEGG NC Rose Hill - 12/18 1647 - In WOR/Cuba mix, female with ad for "Pizza Corner Wallace and Innisville," male with "this is Surge radio" slogan and "Surge 100 weather." (KK-VA)

720 WRZN FL Hernando - 12/18 1759 - In multi-station mix with dual ID: "You're tuned to 14-30 WTMN Gainesville and 7-20 WRZN Hernando..." (KK-VA)

+++ - 12/23 1750 - Parallel to webstream with In Touch with Dr. Charles Stanley religious program. All by its lonesome on 720. (NjW-ON)

WVCC GA Hogansville - 12/18 1659 - In multi-station mix with male "WVCC Hogansville AM 7-20 'The Voice'" ToH ID. (KK-VA)

WGCR NC Pisgah Forest - 12/18 1631 - In multi-station mix (WVCC, WHYF, WGN, WRZN) with "... you can listen to all our broadcasts at wgcr.net" station promo. 1713* male with WGCR sign-off. (KK-VA)

730 WUMP AL Madison - 12/19 0700 - ID mentioning FM translator frequency and Cumulus ownership and slogan "Sports radio The Ump." (NjW-ON)

WLIL TN Lenoir City - 12/8 2300 - Clear ToH ID: "You are listening to WLIL Country... Tennessee," into C&W including "Here Comes Santa Claus" by Elvis Presley, another ID at 2313, "more of your favorite country music, 730 WLIL." Very poor, mixing with CKAC Montreal and UNID talk station. (PS-ON)

750 WQOR PA Olyphant - 12/26 1600 - Good; "You are listening to WQOR Olyphant, WAZL Hazleton, and 98.9 FM 24 hours a day," then live talk about a bank loan for purchase of 1490 WAZL. (BC-NH)

770 WLWL NC Rockingham - 12/20 1701* - In WABC/Cuba mix with "Big Wave radio WLWL" slogan and sign-off announcement: "This is WLWL radio signing off. Big Wave 77 with offices and studios located at 275 River Road in Rockingham North Carolina. WLWL broadcasts on the assigned frequency of 770 kilohertz with a power output of 5000 watts digital stereo. This is your Carolina beach music

award winning station of the year and the only station in the nation to be inducted into the Beats Music Hall of Fame. Join us again tomorrow at sun up for another full day of first class broadcasting. This is WLWL Rockingham Big Wave 77 signing off." **(KK-VA)**

780 WAVA VA **Arlington** – 12/30 1601 – End of "Insight for Living" program, ads for Rite Aid and book "Exploring the Joy of Christmas," promo for program "Footsteps of the Apostles" with info found on WAVA.com, ID for WAVA – Arlington, Washington, into more preaching. **(TF-NH)**

800 WCHA PA **Chambersburg** – 12/24 1628 – In WJAT mix with station promo: "The greatest hits of all time playing on the new FM 96.3. Good time oldies." **(KK-VA)**

810 WZYN GA **Hahira** – 12/24 1658 – In multi-station mid (WPIN, WWOS, ZNS-3 Bahamas, UNID preaching and Cuba) with female: "The news has been sponsored by WZYN 8-10 AM... 319 9996. That's 239 319 WZYN. And our website is WZYN.org." Then male "WZYN forecast..." I email the station's general manager asking if they accept reports and confirm reports of their AM 810 broadcast from distant listeners. I also write the station is 632.8 miles from my home. Their answer, "NO!" I guess the old ship of Zion doesn't want passengers. **(KK-VA)**



WWOS SC **St. George** – 12/24 1700 – In multi-station mix with long ToH ID by female: "For Christ honoring music and programs for the entire family. This is WWOS FM 91.9 and WWOS AM 8-10 St. George and WPOG 7-10 AM St. Matthews. Good bless you for listening." into USA Radio news. 1715 male: "It is now time for the WZYN community calendar." First time heard since changing call sign from WQIZ. **(KK-VA)**

WMGC TN **Murfreesboro** – 12/21 0700 – Over ToH with Meximusic. Broke from music for ID at 0702 that mentions "el jefe and noventa seis punto siete," into Spanish newscast by man. **(NjW-ON)**

820 WWBA FL **Largo** – 12/24 1800 – In multi-station mix (WWFD, WNYC, UNID religious talk and Spanish stations) with "Playback 2015" looking at the top news stories of 2015, male "WWBA Largo Tampa Bay" ToH ID into ABC News. **(KK-VA)**

WWLZ NY **Horseheads** – 12/30 1650 – Local ad for Elmira Jeep, notice for food pantry in the Southern Tier, ads for Beta Prostate and a medical center at (607) 739-8955, ad for Subway, quick WWLZ ID and signal was lost leaving only WNYC. **(TF-NH)**

830 WEEU PA **Reading** – 12/16 1705 – In with "Afternoon news update from Reading on the Voice of Berks County." First time heard on 830 kHz. **(LW-NY)**

840 WHGH GA **Thomasville** – 12/24 1830* – In multi-station mix, male with WHGH sign-off announcement. **(KK-VA)**

WCEO SC **Columbia** – 12/24 1625 – In multi-station mix (WKTR, WHGH, other singing, other talk and Cuba) with Spanish programming, but at 1649 EBS storm warning with male in English for "Columbia South Carolina." **(KK-VA)**

850 WXJC AL **Birmingham** – 12/28 1652 – In multi-station mix (WPTK, WFTL, UNID football game, oldies and R. Reloj) with station promo: "Turning Point with Doctor... each weekday at 7:30 AM and 5 PM on WXJC." **(KK-VA)**

860 WWDB PA **Philadelphia** – 12/28 1628 – In multi-station mix (WNOV, CJBC, UNID religion, talk, Fox sports stations, and R. Reloj) with male "... WWDB 8-60 AM with the all new... enjoy all year at WWDB 8-60 AM." 1629* female with WWDB sign-off announcement. **(KK-VA)**

WNOV WI **Milwaukee** – 12/28 1756 – In multi-station mix with station website promo: "...good morning... or maybe you just want to hear it again. No worries. It's all available... streaming at WNOV860.com. Live broadcasts... most listened to programs in Lawrence Country are always streaming. Just log into WNOV860.com and click the listen live..." **(KK-VA)**

890 WBAJ SC **Blythewood** – 12/28 1658 – In multi-station mix with male "... stay right here at WBAJ and WYNN Blythewood Columbia. We broadcast about Jesus" (hence the call letters). 1703* female with WBAJ sign-off announcement. **(KK-VA)**


WKNV VA **Fairlawn** – 12/28 1631 – In multi-station mix (WBAJ, WLS, UNID talk, other singing and SS stations) with ID as "This is Joy AM 8-90 WKNV Fairlawn and 93.1 FM W226AT Christiansburg, today's southern Gospel music and ministry station." 1658* male with WKNV sign-off announcement. **(KK-VA)**

910 WAVL PA **Apollo** – 12/31 1800 – Poor; "The Mountain, we play everything," and pop/rock music, quickly lost to WRNL and WLAT. WAVL relays WXMT FM *The Mountain*. **(BC-NH)**

- WFJX VA **Roanoke** – 12/19 0700 – “We’re the talk of the town, 910 WFJX Roanoke” slogan. (NjW-ON)
- 920 KARN AR **Little Rock** – 12/25 0617 – Little Rock businesses ads, promo for the station website's sportsanimal920.com, back to CBS Sports Radio talk. Very good. (TLK-FL)
- CKNX ON **Wingham** – 12/6 1805 – In with C&W songs, “AM 920, your online home for news, weather and sports” slogan. Good dominant signal on 920. (LW-NY)
- 940 WINZ FL **Miami** – 12/23 1918 – “940 Winz – Fox Sports Radio” ID and sports talk. All alone on 940. (NjW-ON)
- 940 WMIX IL **Mount Vernon** – 12/27 2225 – Weak but readable signal mixing with probable Mexico City. “This is 940 WMIX now also on 96.5 FM.” Ending song “On Top of The World” by the Carpenters. (HJH-PA)
- WCPC MS **Houston** – 12/21 1700 – Booming in with tail-end of “Voice of Eternal Gospel” program, male announcer with WCPC Community Calendar, time check into “Bread Of Life Ministry Broadcast.” (NjW-ON)
- WGRP PA **Greenville** – 12/28 0600 – Good, over XEQ; Big Ben chimes marking the hour, ID, “You’re tuned to the valley’s local radio station, WGRP Greenville, WLOA Farrell-Youngstown, 940 WGRP, 1470 ‘FAR, and on the web at 940 WGRP dot com,” into SRN news. (BC-NH)
- 950 KXJK AR **Forrest City** – 12/21 0701 – Out of Star Spangled Banner with ID and local weather. Newscast followed at 0703. At ToH co-channel WAKM-Franklin TN had been playing a version of the SSB that sounds like it was sung by Dolly Parton. (NjW-ON)
- WJKB SC **Moncks Corner** – 12/22 1929 – Quick ID in the middle of a Clemson Tigers basketball game against Georgia. Radio Reloj audible in behind WJKB. (NjW-ON)
- 980 WAZS SC **Summerville** 12/22 2001 – Out of romantic male Spanish vocal with ID: “WAZS Summerville-North Charleston 980, WZJY Mount Pleasant-North Charleston, South Carolina.... El sol... noventa ochenta, cuarenta ochenta... la corazon!” Mixing with WTEM. (NjW-ON)
- KQUE TX **Rosenberg-Richmond** – 12/30 0559 – End of Mexi-tune (Christian theme, presumed) into very long canned ID string of many affiliate stations by male in Spanish, including “KQUE 980 AM Rosenberg,” and back to Christian Mexi-tunes. This can easily fool one into thinking it’s a real Mexican. (TLK-FL)
- 990 KWAM TN **Memphis** – 12/21 1800 – ID: “990 KWAM, your news and information station, with CBS news updates every hour, on the hour, KWAM” into CBS news. (NjW-ON)
- 1040 WSGH NC **Lewisville** – 12/26 1701 – Fair; “This is WNOW Mint Hill, WWBG Greensboro, WWNT Winston-Salem, WSGH Lewisville, North Carolina,” and Mexican music. (BC-NH)
- 1070 WAPI AL **Birmingham** – 12/29 1732 – Over usual CHOK with “WAPI right now traffic,” www.1070wapi.com website promo. (MKB-ON)
- WKMB NJ **Stirling** – 12/30 1610 – Yelling African American preacher, barely stopping for a breath, over/under WKOK, which was broadcasting a Saint Joseph’s Academy high school basketball game. Gone by 1630, new station for me! (TF-NH)
- WKOK PA **Sunbury** – 12/25 0811 – Over usual Ontario pest CHOK with local weather, “happening now on WKOK news...” into local news. (MKB-ON)
- 1080 WKGX NC **Lenoir** – 12/21 1658 – Steely Dan’s “Deacon Blue” and ID: “we are the new classic hits 1080 and 104.5” followed by James Taylor’s “You’ve Got a Friend.” Poor with WTIC-Hartford. (NjW-ON)
- 1110 WTIS FL **Tampa** – 1/1 1800 – Over/under WBT; “Your neighborhood inspiration station, AM 1110 WTIS, Tampa Bay’s home for Christian talk and inspiration for 40 years,” then sign-off announcement, “WTIS Tampa-St. Petersburg-Clearwater, broadcasting on 1110 kilo-hertz...” (BC-NH)
- WJML MI **Petoskey** – 12/31 0100 – Over WBT; “It’s one o’clock at northern Michigan’s news-talk giant, 1110 WJML Petoskey and 1210 WJNL Kingsley-Traverse City,” into CBS news. (BC-NH)
- 1150 WNDB FL **Daytona Beach** – 12/25 0654 – Briefly up over WJEM, Valdosta (Fox Sports Radio) with male canned, “... wishing you a Merry Christmas from... and 1150 WNDB.” Someone with nonstop Christmas music in the mix, too. Maybe them, or someone else. (TLK-FL)



- 1170 WWTR NJ **Bridgewater** – 12/30 1631 – Female talking in Asian dialect with Oriental music, over WWLE's Spanish programming and WWVA with Sean Hannity Show. Gone in minutes, but new for me. **(TF-NH)**
- 1190 WLIB NY **New York** – 12/23 1810 – Wiping out usual WOWO with black gospel music, female announcer giving ID as "your station for praise and inspiration, WLIB." **(MKB-ON)**
- WCRW VA **Leesburg** – 12/29 1609 – "Global Biz Report" program consisting of woman reading business news and features on how to buy lottery tickets and what states allow deductions for the purchase of golf clubs. Signal at local strength, strangely this station is heard here regularly, no sign of WLIB. **(TF-NH)**
- 1200 WZPS WV **Huntington** – 12/22 2231 – Booming in with religious music and ID. No sign of WCHB or CFGO. **(NjW-ON)**
- 1220 WLSD VA **Big Stone Gap** – 12/21 1800 – ID heard during a convenient WHKW-Cleveland fade: "Happy Holidays from the Mountain's inspiration station, WLSD." **(NjW-ON)**
- 1240 WATT MI **Cadillac** – 12/20 0659 – "News talk 1240 WATT is expanding its sales force!" station promo. Gave station phone number, followed by weather forecast, ID and CBS news. **(NjW-ON)**
- 1260 WWVT VA **Christiansburg** – 12/21 1700 – NPR ID with long string of affiliates into "All Things Considered." **(NjW-ON)**
- 1270 WCGC NC **Belmont** – 12/22 1800 – ID as "WCGC Belmont" then into USA Radio news. Previous to this they had a PSA from the Library of Congress **(HJH-PA)**
- WMPM NC **Smithfield** – 12/26 1700* – Fair, over WSPR; sign-off announcement, "WMPM is owned and operated by the Family Media Group... located at 1270 Buffalo Road, Smithfield... WMPM operates on an assigned frequency of 1270 kilohertz with an operating power of 5000 watts..." and mentioned 7:00 a.m. sign-on. New log. **(BC-NH)**
- WQTT OH **Marysville** – 12/21 1959 – Fiesta Bowl promo and ID: "the Buckeyes live here – True Oldies, QT-1270." Mixing with WLIK-Newport TN. **(NjW-ON)**
- 1280 WADO NY **New York** – 12/21 1703 – Nice ID for WADO, into Spanish music. Way atop frequency, steady signal. **(TF-NH)**
- 1290 WNBF NY **Binghamton** – 12/27 0833 – Over usual CJBK groundwave with local polka show (rather than their usual news-talk format on Sunday morning), "happy holidays from the WNBF Sunday Polka Party." **(MKB-ON)**
- 1310 WTIK NC **Durham** – 12/21 1658 – Presumed with various Spanish commercials mentioning Durham. **(NjW-ON)**
- WDKD SC **Kingstree** – 12/18 2001 – "...South Carolina, on WDKD..." and coverage of Gamecocks (South Carolina) vs. Clemson Tigers basketball. Hearing this at 60 watts night power, or were they really running 5000 watts day? This is possibly one of the two ESPN stations I'm hearing that loops NE, with the other likely the NC station, assuming WDKD still has an ESPN affiliation. **(TLK-FL)**
- 1330 WWAB FL **Lakeland** – 12/23 0710 – Urban Gospel, "Thunderbird 13" slogan, dropped at 0724. Tight null with presumed WCVC, Tallahassee with EWTN religious talk. **(TLK-FL)**
- WESR VA **Onley-Onancock** – 12/21 1758 – Dave Ramsay show and ID: "your station for today's best songs and yesterday's favorites – 1330 WESR Onley-Onancock, hot talk and cool classics" into CBS Sports Radio sports flash. **(NjW-ON)**
- 1340 WBLB VA **Pulaski** – 12/22 1900 – Weak with ID: "you're listening to Family 1340, WBLB, Pulaski Virginia." **(NjW-ON)**
- 1350 WNLK CT **Norwalk** – 12/21 1652 – Clear signal with NPR feed "All Things Considered," Jazz news and reviews at 1655, then ID for "WSHU Public Radio" and ID for WSHU-1260, Westport, WNLK-1350, Norwalk, an FM station, and WSTC-1400, Stamford by local announcer and back to All Things Considered. **(TF-NH)**
- 1360 WCHL NC **Chapel Hill** – 12/26 1700 – Fair; "You're listening to 97.9 FM and 1360 AM WCHL Chapel Hill-Carrboro's news, talk, and Tar Heels station," into CBS news. **(BC-NH)**
- 1370 WGIV NC **Pineville** – 12/29 0733 – Faded up for just a moment with male canned, "Let us be a part of everything you do, we're WGIV" and immediately lost in the myriad of co-channel stations. Supposedly UC format, 45 watts nights if true tonight. **(TLK-FL)**
- WTAB NC **Tabor City** – 12/21 1759 – North Carolina news, woman reading weather at 1801, followed by ID and C&W music. **(NjW-ON)**

- +++ – 12/29 0702 – "Your favorite country oldies, WTAB " by man, Trisha Yearwood etc. occasionally fading up in the stew. **(TLK-FL)**
- 1390 WRSC PA **State College** – 12/27 1800 – Good; "The Steelers invade Baltimore, Sunday at one, on State College's ESPN Radio 1450," and ID, "News radio 1390 WRSC State College, it's six o'clock," into Fox news. **(BC-NH)**
- 1400 WHTB MA **Fall River** – 12/20 1759 – Faded up after clarinet music with ID: "this is WHTB Fall River" and Portuguese ID. Also mention of website www.radiovozdoemigrante.com. **(NjW-ON)**
- WINC VA **Winchester** – 12/21 1900 – "News talk 1400 WINC" ID and Fox news. **(NjW-ON)**
- 1410 WPOP CT **Hartford** – 12/30 1708 – Over at least two sports talkers with "this is news radio 1410 WPOP" ID and local traffic. Recent format flip from ESPN sports, as confirmed by Scott Fybush on my Facebook wall. **(MKB-ON)**
- WHTG NJ **Eatontown** – 12/20 1711 – Fair signal but alone on this very auroral evening. Had 60's oldies. ID as "Merry Christmas from our family to yours from Great Gold 1410." Also "The one place for real oldies on the Jersey Shore." I was not aware that I needed this, but new logging. **(HJH-PA)**
- 1420 WBSM MA **New Bedford** – 12/21 1706 – End of local news with Jay Rogers reporting, weather and into the Howie Carr Show. Good signal, seldom heard here. **(TF-NH)**
- WKCW VA **Warrenton** – 12/21 1638 – Old rock music, ID as "AM 1420 WKCW," into song "Mother and Child Reunion." Lost at 1645, evening power reduction from 22000 watts to 60 watts? **(TF-NH)**
- 1450 WHDL NY **Olean** – 12/27 1800 – Fair; "All sports, all the time, WHDL Olean, ESPN Radio 1450, The Huddle." **(BC-NH)**
- WREL VA **Lexington** – 12/21 1900 – PSA, ToH ID as "WREL Lexington, Buena Vista" and CBS news. **(NjW-ON)**
- 1470 WMBD IL **Peoria** – 12/31 0705 – Over all comers with local news about recycling Christmas trees, "WMBD 100.3 and 1470 news time is 6:05" into local sports, i.e. Bradley University basketball. **(MKB-ON)**
- WBTX VA **Broadway-Timberville** – 12/26 0800 – Over usual Ithaca, NY liberal talker WNYX with "Wonderful Words of Life" locally-produced gospel show, ID by woman "WBTX 1470 Broadway-Timberville-Harrisonburg and online at www.wbtxradio.com." **(MKB-ON)**
-  +++ - 12/26 1700 – Fair; "For the very best in southern gospel and bluegrass gospel music, this is 1470 AM WBTX, FM 102.1 Broadway-Timberville and Harrisonburg, and streaming online WBTX radio dot com," into SRN news. **(BC-NH)**
- 1480 WSAR MA **Fall River** – 12/20 1802 – Break in New England Patriots post-game show with legal ID: "Bristol County's home for news, talk and sports, WSAR Fall River." No sign of usual WHBC or WSDS. **(NjW-ON)**
- 1520 WTNE NY **Mineola** – 12/29 1635 – Yelling and screaming Gospel choir best described as "peppy," making up for static and weak signal. No sign of WWKB and WIZZ had left the air, new catch here for me. **(TF-NH)**
- 1550 WLOR AL **Huntsville** – 12/12 1753 – Briefly covering WIGN with "Sunny 98.1" slogan. **(HF-MI)**
- WIGN TN **Bristol** – 12/21 1726 – Gospel talk to ID at 1730 as "1550AMbluegrass.com ...Crystal City and the world" into bluegrass-gospel music. ToH ID as "AM 15-50 WIGN Bristol-Kingsport." Dominant over WDLR Delaware, OH and other gospel talkers. **(HF-MI)**
- 1570 WFUR MI **Grand Rapids** – 12/28 0659 – Over all comers with "Christian Radio 1570" slogan and local weather, "winter storm watch for all the WFUR listening area." **(MKB-ON)**
- 1580 WLIM NY **Patchogue** – 12/17 2140 – Spanish, with animated announcers, deep fades, no sign of usual CKDO, another new reception for me. **(TF-NH)**
- 1600 WKKX WV **Wheeling** – 12/26 0715 – Over usual WWRL/WAAM mix with www.watchdognetwork.com website promo into "West Virginia Outdoors" show talking about buck hunting season in WV. **(MKB-ON)**
- 1630 KCJJ IA **Iowa City** – 12/26 0637 – Fade up over KKGM, male, "AM 16-30, KCJJ" into something talk show. **(TLK-FL)**
- KKGM TX **Fort Worth** – 12/26 0634 – Male, "...on KKGM...all of Fort Worth, KKGM" into "Undeemed" by The Martins (contemporary Christian vocal). **(TLK-FL)**

1700 WRRCR NY Ramapo – 12/26 0514 – Tentative as no ID, but very briefly someone up in dominating co-channel WJCC, Miami Springs (Haitian kreyòl) and KVNS, Brownsville (Fox Sports Radio) with mention of New York and a possible ad, with clear 908 area code (New Jersey) then lost, pointing NE. (TLK-FL)

+++ - 12/6 1700 – In with USA Today news and weather report, into rock music, played U2 song. New, for my 100th station heard from New York state! (LW-NY)

From the *DX News* archives

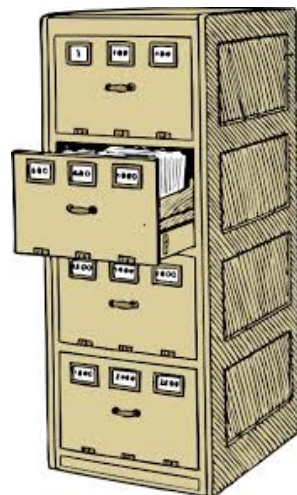
Now thanks to Ron Schiller.

75 Years Ago – From the December 28, 1940 issue of *DX News*: Nineteen DX Tests arranged by NRC, NNRC, & WDXA are planned for the next 3 weeks! Included are stations in Hawaii, Ecuador & the Dominican Republic.

50 Years Ago – From the January 8, 1966 issue of *DX News*: The latest Vane Jones Log is available for \$1.95. Broadcasting Yearbook is \$5. Ernie Cooper's "Musings" included reports from 55 members in 17 states, Canada & Jamaica. NY led the way with 12 reporters; MA had 8.

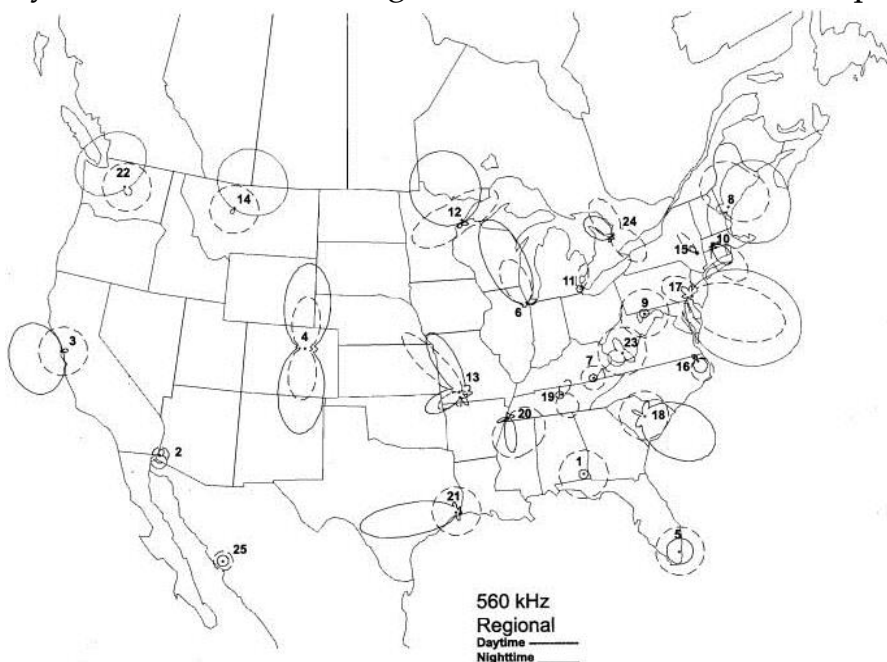
25 Years Ago – From the January 7, 1991 issue of *DX News*: David Gleason, a 30+ NRC member reported from San Juan where he is VP for 6 AM/FM stations in PR & FL. David verified many reports from various Latin American stations over the years.

10 Years Ago – From the January 2, 2006 issue of *DX News*: Bruce Conti in NH led a DX Contest for the furthest catch – Radio Sawa, 1431 in Djibouti, West Africa @ 6854 miles. Second was 4000+ miles closer! The 19th annual Winterfest was held at Kulpville, PA.



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Domestic DX Digest – West

Jim Tedford, Editor

20310 Bothell-Everett Hwy. B4, Bothell WA 98012-8133, Radio_Enthusiast@hotmail.com

Loggings of U.S. and Canadian stations by DXers located in the Central, Mountain, and Pacific Time Zones. All times are Eastern Local Time (ELT).

REPORTERS

- GH-OK** **Glenn Hauser, Enid, OK.** Mostly DX-398 with internal antenna only; NRD-545 with ALA-330S E-W inside or N-S random wire; IC-R75 with E-W longwire; also available, PL-880 with internal or random wire; FRG-7 with NW/SE short wire; Nissan stock car radio when specified. Glenn's complete reports, with extensive commentary, are originally published in DX Listening Digest. <http://www.worldofradio.com/dxldmid.html> or, MW portions only: <http://forums.wtfda.org/showthread.php?6543-MW-DX-from-Enid-OK-by-Glenn-Hauser>.
- JJR-WI** **John J Rieger, South 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
- RD-NE** **Rick Dau, South Omaha, NE.** Kenwood R-5000 + Quantum QX Pro loop antenna. 979 overall heard here
- SMA MB** **Shawn M. Axelrod VE4DX1SMA, VEPC4SWL Winnipeg, MB.** Icom ICR70 / Drake R8 3 Foot un-amplified box loop / Quantum QX LOOP v2.0 / 155 Foot U shaped outdoor wire / 100 Foot indoor wire run around the basement walls / MFJ 1026 Phasing unit

DX LOGS

- 550 WGR NY Buffalo** – 11/21 1929 – Fair under WSAU with "...here on the Sabres Radio Network" heard during Buffalo Sabres HKY pregame show. A bit of a surprise, as I was trying for needed KFYI at the time! **(RD-NE)**
- 550 KTSA TX San Antonio** – 12/20 0056-0059 – Several "News-talk 550 KTSA and 107-1" IDs in promos. San Antonio station is not heard much here, night pattern with a little lobe to the north, three major lobes to WSW, ENE and SSE, also mutually protecting Midland. **(GH-OK)**
- 600 KROD TX El Paso** – 12/19 0659 – ESPN program notes; legal ID at 0659:52: "Your home for ESPN – 600 ESPN KROD El Paso and krod.com." Fair in KCOL pause. **(JW-CO)**
- 640 KWPN OK Moore** – 12/12 0848 – Open carrier/dead air from KWPN Moore, facilitating audibility of KFI in null. Back to ESPN a few minutes later. **(GH-OK)**
- 680 KFEQ MO St. Joseph** – 12/13 0100 – Surprised to hear a Fox Sports Radio promo, where KFEQ St Joseph MO is the usual #1 signal. Yes, FSR is among their multiple partial affiliations, per NRC AM Log 2015-2016, and their online sked shows an FSR hour at 11 pm-midnight Saturdays. **(GH-OK)**
- 700 WLW OH Cincinnati** – 12/11 1340 – Very weak signal on E-W antenna, 1342 talk about baseball, mentions Cincinnati, so here's WLW propagating by skywave just after local mean noon here. Not getting 720 WGN at this time, but very poor from it at 1356 check. Distance 1213 km = 754 miles city-to-city, or really a bit further since site is on east side of the Queen City, but definitely within Ohio. Also got WHAS: see 840. **(GH-OK)**
- 760 KDSP CO Thornton** – 12/30 1720 – Fading up and down with WJR but often on top. Heard several local ads and "Real Talk 7-60" ID's, as well as them giving out their web address which checked out to be KDSP. NEW! **(SMA-MB)**
- 780 KSPI OK Stillwater** – 12/11 1336 – ABC news ending at odd time from KSPI, 250-watt semi-local. Bandscanning in SSB on NRD-545 10-kHz steps, it's painfully obvious which stations are off-frequency, and this one is, roughly 779.98. Even worse cases are 1070 KFTI Wichita KS and 1320 KCLI Clinton OK. **(GH-OK)**
- 790 KURM AR Rogers** – 12/11 1335 – Mentions Oklahoma Farm Bureau, but there is no 790 in OK; also mentions Rogers, so KURM in northwest AR is making it at midday; skywave boost? Maybe not. Best on E-W antenna, while on N-S antenna there is C&W music, so KXXX Colby KS. **(GH-OK)**
- 790 WAYY WI Eau Claire** – 12/19 0656 – Program notes, ads, call letter ID's; slogan is "The Chippewa Valley's Sports and Information Station"; also heard at 0759 with LID

and same slogan, followed by ABC news. Generally fair, often on top of the channel. (JW-CO)



- 800 WVAL MN **Sauk Rapids** – 12/19 0716 – C&W music, call letter ID's; slogan is "Minnesota's Country Legend." Spotty reception, mixing with KQAD and others. (JW-CO)
- 830 WCCO MN **Minneapolis** – 12/22 2306 – Just barely audible on N-S antenna, and not at all on the east-west. MW from most of the US seems normal but Minneapolis is beyond the sub-auroral zone barrier. Instead, better on the E-W antenna is something with Spanish music, more like 830.04; 0408 UT ID as "La Favorita 830." I am expecting WFNO Norco LA, the usual US station blocking real Latin American DX, and normally QRMing WCCO if you don't null it: always suspected of day facilities at night, when 750 watts is supposed to head SE into the Gulf, while 5000 watts day has a broad pattern favoring the NNW right toward WCCO! WFNO got to be on this "clear" channel by barely exceeding the "protected" distance from Minneapolis, But WFNO was last known as "La Fabulosa," and still listed as such. Possibly I misheard the slogan; need to recheck. I don't find any Mexicans or beyond called Favorita. (GH-OK)
- 840 WHAS KY **Louisville** – 12/11 1333 – In low-noon bandscan right at local mean 12:01 pm, Honda ad; could be KTIC in NE, but no, best on the ALA330-S antenna aimed E-W, into the NRD-545 rather than car radio this time. 1334 mentions "across Kentucky" and to clinch it, WHAS ID. Skywave at midday, distance 1092 km = 678 miles city-to-city, but radio-locator shows site is a bit east of Louisville, so even further. At least it's definitely in KY, unlike several TV stations over the river in IN. A slight SAH maybe from KTIC. Also got WLW; see 700. (GH-OK)
- 860 WSON KY **Henderson** – 11/20 2026 – Fair in CJBC null with Univ. of Kentucky BKB // WHAS-840. Somewhat distorted audio. (RD-NE)
- 870 WWL LA **New Orleans** – 12/18 2045 – Slightly off-frequency to the low side, around 869.985 kHz; I have been noticing this for a long time as I bandscan MW in SSB on the NRD-545 at 10-kHz steps: makes a LAH unlike spot-on stations such as KOA 850.00. Seems unusual that a major clear channel station like WWL would be that far off. (GH-OK)
- 890 WHJA MS **Laurel** – 11/20 2038 – Fair in tight WLS null with black GOS music and ad for local church with phone # that sounded like 601-580-8425. (RD-NE)
- 900 KSGI KS **Wichita** – 12/20 1632 – I happen to tune across KSGI, where female DJ tells us the temperature is "zero" and on to some Xmas music. She sounds live, but must be an automatoness, defaulting to zero without any accurate current input, since it's 'way above zero Kelvin, Fahrenheit, even Celsius --- 57 or 58 F according to NWS Wichita 3-day history. (GH-OK)
- 930 KRKY CO **Granby** – 12/13 0828 – Without WKY, from NW/SE, plug for healthygrandcounty.org and 0829 Jingle Bells Rock, 0832 dead air as signal peaks; 0840 ID for KRKY, i.e. Granby CO, and that website checks out although at first I thought they were saying Graham county. KRKY is 4500/121 watts U1, and December sunrise is not until 0915. (GH-OK)
- 930 WKY OK **Oklahoma City** – 12/13 0754 – Off the air again (or maybe severely reduced power), so I chase other DX on the frequency: see UNID. WKY is still AWOL at 1308 check; hope I can pull away to a quiet spot for some low-noon 930 DX. (GH-OK)
- 930 KSDN SD **Aberdeen** – 12/13 0800 – Without WKY, at a .com ID, ABC news from NW/SE, so maybe KOGA Ogalalla NE, but rather another ABC affiliate I am then definitely getting from the north. At 0807, woman with "headlines around the region" "on 930 KS--," into classic rock; 0813 ad string finally with some local ones including Aberdeen Monuments, with a jingle, so it's KSDN; 0815 woman with sports scores from SD and ND. Marred by splatter all the way from local 960 KGWA, unusual. In this case, night pattern is more favorable for us than day pattern, though 1 kW instead of 5. (GH-OK)
- 970 KBUL MT **Billings** – 12/22 0747 – C&W music, "Cat Country 102.9" slogans, man and woman announcers; late legal ID at 0805 for "...KCTR Billings, KCHH Worden, and KBUL Billings;" no frequencies given but these would be 102.9, 95.5, and 97.0, respectively. Thought it might be a format change, but no - format is still NewsTalk. They simulcast a program from KCTR 102.9 at this time, which includes some C&W music. More or less dominant with a fair signal. (JW-CO)
- 990 WNML TN **Knoxville** – 11/24 0716 – Fair in CBW null with "Sports Radio 990 WNML" heard just before ad and traffic check. (RD-NE)

- 1000 WMVP IL **Chicago** – 12/28 0824 – "ESPN 1000" ID's, Chicagoland ads; also mentioned espnchicago.com. Fair at best, mixing with XEFV. (JW-CO)
- 1050 KTBL NM **Los Ranchos** – 12/24 0048 – KTBL program promo and ad string; on the east-west ALA-330S, I'm easily hearing this rather than XEG, which is often inexplicably weak for a 100/100 kW ND station as in WRTH 2015 and elsewhere. (GH-OK)
- 1060 KXPL TX **El Paso** – 12/16 0759 – A variety of English and Spanish pop songs, heavy on the "disco" sound; occasional MST time checks and "Fiesta Diez Sesenta" slogans, all canned probably. Fair in null of KRCN open carrier, with QRM from Salt Lake and Tempe. (JW-CO)
- 1070 CHOK ON **Sarnia** – 12/26 0646 – Poor; CHOK weather while chasing other station. No WIBA. (JJR-WI)
- 1100 KNZZ CO **Grand Junction** – 12/19 0113 – *Red Eye Radio* from NW, quite separable from WTAM Cleveland by mutual nulling, so KNZZ is once again on 50 kW ND day power; for a while they had been behaving themselves. In between, the pair produce a fast SAH. (GH-OK)
- 1110 WTOF AL **Bay Minette** – 12/27 0658 – Poor no KFAB at all. "1360 WMOB & 1110 WTOF" while chasing oldies station. (JJR-WI)
- 1110 KVTX TX **Mineral Wells** – 11/6 1759 – Fair with "KVTX 1110, Mineral Wells" ID heard. A complete stroke of luck -- KFAB was in the middle of switching over to its night pattern when it hiccupped and went off completely for about 90 seconds at the top of the hour, allowing me to get KVTX. (RD-NE)
- 1200 CFGO ON **Ottawa** – 11/25 2246 – Weak in WOAI null with brief liner by male: "Hi, I'm -- and you're listening to Sens hockey on...," then into play-by-play of game between the Senators and the Colorado Avalanche. Had been after this one for a while. (RD-NE)
- 1220 WSLM IN **Salem** – 12/24 0050 – WSLM weather on "My Country 12-20" --- the slogan listed in NRC AM Log, though I wasn't sure about the "My." Seems this Salem IN station is still/again cheating, occupying 1220 much more at night than many others in eastern US, supposedly 82 watts at night, 5000 watts day, with tight patterns slightly clockwise from east/west, thanks to Cleveland 1220 running a deep null toward the west, presumably to protect XEB to its southwest. (GH-OK)
- 1230 WFER MI **Iron River** – 12/26 2158 Poor; fighting with ESPNer, WCLO, Fox Sports. Calls, "PO Box..., Iron River, phone #906....in mess. (JJR-WI)
- 1240 KTLO AR **Mountain Home** – 11/13 2136 – Fair with ad for Sleep Mart in Mountain Home, then CLs heard in listing of local job openings; confirmed by webstream. (RD-NE)
- 1270 WLIK TN **Newport** – 11/16 1907 – Fair to good with Univ. of Tennessee men's basketball // WMFS-680. (RD-NE)
- 1290 WIRL IL **Peoria** – 12/20 0126 – Classic rock, WIRL singing ID, back to music. (GH-OK)
- 1300 KGLO IA **Mason City** – 12/18 0934 – Area news, ads; "Where North Iowa turns to for news – AM 1300 KGLO"; signal up and down with QRM. (JW-CO)
- 1300 KAKC OK **Tulsa** – 12/18 1756 – Local ads, legal ID at 1759:45: "KAKC Tulsa...we are Tulsa's home for Jim Rome and CBS Sports 24 hours a day, 7 days a week - CBS Sports 1300 The Buzz;" into Sports Flash at ToH. Fair and briefly alone on the frequency. (JW-CO)
- 1310 WTTL KY **Madisonville** – 12/22 2257 – Mentions Owensboro as a health care region. Therefore, I assume it is WTTL again, which is about 35 miles from Owensboro. (GH-OK)
- 1310 CIWW ON **Ottawa** – 12/26 0628 – Poor, no WIBA. "1310 News" promo. Ads ending in .ca. Alone. (JJR-WI)
- 1320 KAWC AZ **Yuma** – 12/18 0900 – Program note "...Sunday morning at 11 on...alternative KAWC." Poor signal and soon faded. Should be on 106 watts at this time. (JW-CO)
- 1360 KMRN MO **Cameron** – 11/22 1206 – Fair under KSCJ with Merle Haggard C&W song "The Fightin' Side Of Me," then liner: "The very best in country...U.S. Country 1360." (RD-NE)
- 1380 WKJV NC **Asheville** – 11/11 0115 – Strong on day power with bluegrass GOS song, then promo for Sat. night broadcast from the Hooper's Creek Baptist Church in Asheville. Bill Dvorak's tip allowed me to get this -- thanks, Bill! (RD-NE)

- 1380 KBWD TX **Brownwood** – 12/22 2253 – Ad for Berner(?) Toyota, across from Highland Mall(?), facilitated by the dead air from local 1390 KCRC. Later I search on the Toyota name, and lacking any direct hits on Berner, an engine (was it Yahoo or Google?) helpfully suggests Bruner Toyota in Brownwood TX, or suburb Early. Guess what: there is a station there on 1380, KBWD. But the other clue was probably really “Highlander,” a Toyota model. **(GH-OK)**
- 1390 KCRC OK **Enid** – 12/22 2250 – Past 2314, open carrier/dead air from local KCRC Enid; by 2314 however a bit of a whine has been added. Still OC/DA at 0027 check! Carrier is so strong that I can’t null it and hear anything else, but it does remove splash from adjacents; see 1380. Re-recheck at 0147, *still* dead air, and now on the DX-398 nulling as much as possible I can hear some other 1390 station with music, Xmas? The DA also reduces the QRM from KCRC spurs almost on 1360 & 1420. Still DA at 0207, so all-night? No owner or staff of KCRC cares to monitor and/or go in to the studio to restart it, if that can’t even be done remotely. **(GH-OK)**
- 1400 WGIL IL **Galesburg** – 12/24 0535 – Poor, thru WRJN o/c, "WGIL forecast" "93.7FM and 1400 WGIL" **(JJR-MI)**
- 1400 WSJM MI **St. Joseph** – 12/24 0500 – Very poor, thru WRJN o/c. Very clear "St. Joseph" heard. Fox sports **(JJR-WI)**
- 1400 WRJN WI **Racine** – 12/24 0411 – Poor-running OC. Automation glitch? Would be this way 100 mins I listened. **(JJR-WI)**
- 1440 KTNO TX **University Park** – 12/26 0700 – Poor, atop freq. LID, SS, no WNFL WROK. **(JJR-WI)**
- 1480 KQAM KS **Wichita** – 12/24 1559 – Outro credits for Sherlock Holmes, with organ music, as from Mutual Broadcasting System, immediately ID “The Big Talker, 14-80, KQAM, Wichita proud” and into some network news, probably not Mutual, about tornados in the South. Sherlock must have been holiday substitute programming. **(GH-OK)**
- 1490 WPNA IL **Oak Park** – 12/27 0756 – Poor, upon tune in: "Radio Chicago" then "Radio Chicago" jingle, Ethnic in mess. Not heard in years! **(JJR-WI)**
- 1510 KCTE MO **Independence** – 12/19 0841 – Discussion of GM corn from NE/SW, 0846 several ads with 913 area codes (Kansas City +KS), so even though it’s not sports talk, it must be KCTE, and not off-frequency producing a het, either; mentions ‘Sportsradio 810’, however, i.e. WHB KC MO, which must be a relative. **(GH-OK)**
- 1520 KOLM MN **Rochester** – 12/18 1859 – “Weather Eye forecast,” followed by LID by male voice: 'Powered by the CBS Sports Radio network, this is Sports Radio 1520 The Ticket KOLM Rochester;' Sports Flash followed at ToH. Fair in KOKC null. **(JW-CO)**
- 1520 KYND TX **Cypress** – 12/19 0922 – Old C&W music; call letter ID's. They apparently are dropping the China Radio relay and going to a different format. Don't know if the C&W is just filler music or if it's actually the new format. Surprisingly good post-sunrise signal, actually topping 50 kW KOKC at times. They must put a big lobe in this direction, although the FCC website shows a pattern that goes mostly to the east. **(JW-CO)**
- 1540 KEDA TX **San Antonio** – 12/24 0800 – Poor, SS music strong in KXEL null. Nice, quick LID. NEW! **(JJR-MI)**
- 1580 KCHA IA **Charles City** – 11/09 1817 – Good with conclusion of Radio Iowa news update read by Todd Kimm. **(RD-NE)**
- 1580 WLIJ TN **Shelbyville** – 11/26 0720 – Fair with promo for *Time For Truth* REL program Sunday mornings on WLIJ. **(RD-NE)**
- 1580 KGAF TX **Gainesville** – 11/10 1837 – Atop with ad for Cooke County Electrical Cooperative, then promo for upcoming high school FB coverage. **(RD-NE)**
- 1580 WTTN WI **Watertown** – 11/26 0754 – Fair during this time period with at least four "ESPN" mentions, plus "Happy Thanksgiving," "Barcelona," "the Super Bowl," and "Green Bay Packers" heard in Spanish sports talk between two males. Didn't get an ID at the top of the hour, but everything I heard points directly to WTTN, the only Spanish sport stalk station on the frequency. **(RD-NE)**
- 1600 KATZ MO **St. Louis** – 12/18 2105 – Saluki basketball, sponsored by Marion Toyota, at half-time show. This has got to be KATZ, breaking format from gospel hits as “Hallelujah 1600.” Finally found on KATZ website a sked of Saluki football, but nothing about BKB. **(GH-OK)**

1600 KUSH OK **Cushing** – 12/14 1607 (approximately) – On car radio, during *Marilu Henner Show*, KUSH seems stronger than before --- this is about the target date for their new 5 kW transmitter CP to come on the air, ex-1 kW in daytime. But I have no way of measuring the strength or a record of what it was before. This allows KUSH to cope better with the skywave QRM, worst at top end of band, but by 1630 it's losing out, and lost into the mess by 1650. St Louis and The Metroplex would be the dominant signals, joined by Denver later. 12/17 1031 – Check on groundwave, KUSH is a steady S9+20 on the R75 with E/W longwire and Preamp2; noting belatedly as a reference point upon suspicion that they have quintupled power as permitted; the CP would have expired in a few weeks. (GH-OK)



1600 KRVA TX **Cockrell Hill** – 12/18 0815 – Instead of KUSH, I am hearing unfamiliar choral national anthem, from north/south, no doubt the Republic of Vietnam's in tribute from KRVA, followed by Vietnamese announcement and program. (GH-OK)

1650 KFSW AR **Fort Smith** – 12/18 2040 – Gospel music in the mix with Spanish from TX/CO, so presumably Sallisaw's KFSW but not the dominant signal it used to achieve as KYHN. Not up to snuff? (GH-OK)

1650 KSVE TX **El Paso** – 12/18 0813 – ESPN Deportesradio.com promo, from WSW/ENE, mentions "paso a paso," but this does not refer to El Paso TX, whence KSVE is certainly the source of this. Still not hearing KFSW, which should be the dominant signal at least after 0815 sunrise. (GH-OK)

1700 KBGG IA **Des Moines** – 12/13 0106 – *Red Eye Radio* opening vs TexMex music from KKLK. Something new? Got to be KBGG Des Moines which recently diversified its schedule from sports-only. Avoid this website which comes up in searches: http://www.redeyerradio.com/stations.php__for it's very outdated © 2011. Instead, this should be current:: <http://www.redeyerradioshow.com/red-eye-radio-affiliates/> but it too knows of no affiliate on 1700! Geez. KBGG website confirms it has 'RER' on at 12-5 am weekdays: <http://www.1700kbgg.com/on-air-schedule/> but this is Sunday! when they also claim to be CBS Sports 24 hours a day on weekends. Whew, we lost this far-right show from KFSW OK 1650, but now on another X-bander. (GH-OK)

UNIDENTIFIED

930 UNID 12/13 0754 – Spanish music loops roughly SW/NE, 0759 fading and only get a "9-30" mention. Could be KAPR AZ; as we have already discovered, there aren't any XE 930s further NW than Saltillo and Fresnillo, leaving only this and maybe KHJ Los Angeles. This early, I think XESHT Saltillo could still be propagating, but it's more to the SSW. See above for definite logs. (GH-OK)

930 UNID -- 12/13 1350 – Although the noisy computer is on, I head to the garaged car radio to hear if anything be audible in the absence of WKY: NO. At least local device noise by sheer luck happens to land on frequencies away from 930. Then to the NRD-545 with ALA330S aimed east-west: yes, a trace of a JBA carrier, or two it seems, while nothing on the north-south NVL wire. By 1600, when skywave might really be kicking in, WKY is back on. (GH-OK)

1140 UNID -- 12/14 0847 – Casper.com ad but it's about mattresses, not Wyoming, so not necessarily the 10 kW daytimer KZMQ in Greybull (Cody address); in English, roughly east-west and soon losing out to Spanish, no doubt KLTK Arkansas. I'd like to think the Casper station was NV, CA, or ID, all with very unfavorable night patterns for us, but there are a number of little stations east of Arkansas; Enid sunrise was 0835 today. (GH-OK)

1690 UNID -- 12/24 0024 – The unmistakable voice of Dick Cavett, not heard in a long time, apparently current since he is talking about Trump with a talk host who is impressed by The Donald. No DF on it so not sure if WVON Berwyn (Chicago) or reformatted KDMT Arvada (Denver), now meaning "Money Talk" (GH-OK)

Thanks to everyone for this issue's contributions. Happy New Year to all. (JDT-WA)

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International DX Digest

Bruce Conti, Editor

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Loggings of stations outside the U.S. and Canada. All times are Universal Coordinated Time (UTC).

TRANS-ATLANTIC DX

- 531 **ALGERIA** F'kirina Wilaya d'Oum El Bouaghi JAN 1 0045 – Good; classical music parallel 549 kHz. At 0100, brief announcement, then Koranic recitations. At 0258 still with Koran through the hour. Did 531 and 549 switch from *Jil FM* contemporary music to *R.Culture* or a new program? [Conti-NH]
- 711 **WESTERN SAHARA** SNRT Laâyoune JAN 1 0030 – Fair; repetitive tribal vocals. [Conti-NH]
- 783 **MAURITANIA** *R.Mauritanie*, Nouakchott JAN 1 2240 – Fair; discussion between a man and woman parallel *R.Mauritanie* 93.3 FM streaming audio. [Conti-NH]
- 783 unID DEC 23 0409 – JBA carrier on this TA-split frequency, likely Mauritania, if they are on all night, and WRTH 2016 says they are; 50 kW. Checked some other 9-kHz Eurafrican channels in the 600's and 700's, but nothing else. [Hauser-OK]
- 890.7 unID DEC 27 0123 – Quite a het here not against WLS, but against *R.Progreso* Cuba on 890.0 kHz. Can't pull any audio from it, but is best on east-west rather than north-south antenna. Surely Algeria would not be that far off 891 kHz. [Hauser-OK]
- 917 **NIGERIA** *R.Gotel*, Yola DEC 31 2300 – Het against a weak unID 918 kHz. [Conti-NH]
- 945 **ANGOLA** *R.N'gola Yetu*, Mulenvos DEC 31 2200 – Huge signal but very weak modulation; African-sounding music and talk. By 2300 the signal faded to the noise floor. Suspect Angola if still active. [Conti-NH]
- 1053.1 **LIBYA** *R.Libya*, Tripoli DEC 31 0210 – Good; Koranic recitations. Measured 1053.101 kHz. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros DEC 31 2158 – Good; "Car buying made easy" and "Sport Magazine" in ad string, promo/ID, "...on digital radio, 1089 and 1053 AM." [Conti-NH]

PAN-AMERICAN DX

- 539.865 **NICARAGUA** *R.Corporación*, Managua DEC 1 0450 – Man ending news/commentary, into Ten Commandments fanfare and sign-off talk mentioning *R.Corporación*, prayer at 0455 then the Nicaraguan national anthem with carrier cut at 0459 UTC. [Funkenhauser-FL]
- 570 **COLOMBIA** HJND *R.Nacional de Colombia*, Bogotá DEC 26 0500 – Christmas song, "Radio Navidad" and "Radio Cultural de Colombia" spots at 0502. Weak under *R.Relej* Cuba, but variously parallel with 580 and 680 kHz. DEC 28 0317 – Classical music under *R.Relej* also heard at 0321 on 580 and 680 kHz. [Funkenhauser-FL]
- 580 **COLOMBIA** HJHP *R.Nacional de Colombia*, Cali NOV 24 0442 – Woman/man in tele-talk talk, parallel 680 from 0443, two women with mentions of Bogotá at 0447 as it faded to WDBO. DEC 28 0317 – Classical music under WDBO hosted by a man, parallels at 0321 on 570 and 680 kHz. [Funkenhauser-FL]
- 590 **MEXICO** XEPH *Sabrosita 590*, México, DF DEC 24 1103 – The usual very non-Mexican tropical and salsa vocals format, canned kiddie ";Sabrotsita!" atop song. [Krueger-FL]
- 590 **PANAMA** HOH3 *RPC Radio*, Coclé DEC 25 0300 UTC – Disco version of "We Wish You a Merry Christmas" by female singers in English, into identification by man in Spanish (translations with help from Don Moore and Dave Valko): "Panama... HOHM 610 AM... ???.7 FM provincia de Panama... HOHJ 1060 AM... ?? FM para Colon," followed by a list of Comarca locations where the second part is an indigenous word – the Comarcas are semi-autonomous regions with large indigenous populations. Fairly sure of the 1060 call and frequency, even though mwlist has it as HOJ60. ID continued, "HOH3 590 AM ?? FM provincia de Cocle... HOH4 580 AM, ???, provincia de Chiriqui... HOH? 660 AM, ?? FM, provincia de Bocas del Toro," then another Comarca region; mwlist has this as HOH33 but it does not sound like 33; then a website "para todo el mundo... RPC Radio," with an echo effect fade-out. The program then went into a Spanish song by a man with lyrics including a shout-out, "Puerto Rico, República Dominicana, Colombia..." The station was over *R.Musical Nacional* Cuba during most off the time. WRTH doesn't list the station, but mwlist shows it as 10kW/1kW. [Saylor-PA]



- 610 **CUBA** *R.Reloj*, Trinidad DEC 11 2355 – Tentative, weak Relej ticks, beeps and Morse "RR" among the many co-channel *R.Rebelde* here. [Funkenhauser-FL]
- 610 **MEXICO** XEGS Guasave, Sin. DEC 29 1314 – Parallel 650 XETNT, the Sinaloa twins with their morning agriculture show, mentioning Guasave meeting. [Hauser-OK]
- 640 **VENEZUELA** YVQO *Unión Radio*, Puerto la Cruz DEC 27 0159 – Poor to fair; "Deportes... Unión Radio" and talk. [Conti-NH]
- 660 **MEXICO** XECPR *R.Chan Santa Cruz*, Felipe Carillo Puerto, Q.Roo DEC 2 0300 – Music over the top of hour then an 0304 ID spelling out XECPR mentioning *R.Chan Santa Cruz*. [Funkenhauser-FL] DEC 27 1017 – Tuning up the dial, stopped on a nice signal with someone playing the LP version of a late-1970's crossover smooth jazz trumpet hit I can't recall the name of. (I thought it was "Feels So Good" by Chuck Mangione, but not so when going to YouTube later to confirm; maybe something Herb Alpert or Maynard Ferguson?) Turned out to be XECPR, apparently using this warm-up track just before formal sign-on, beginning with the Mexican choral anthem from 1020, Quintana Roo state anthem (instrumental, truly awful song) from 1022, then a high school-like band from 1024. Man at 1028, "El domingo, XECPR, Radio Chan Santa Cruz..." then female seemingly canned, "Sintonizar XECPR, Radio Chan Santa Cruz... 630 AM... la buena, la buena... XECPR... desde la capital de... 630 AM... mil watts de potencia... excelencia... Radio Chan Santa Cruz, buenos días, buenos días... Radio Chan Santa Cruz, 630 AM." Into Spanish ballads. 1020 UTC is well before Quintana Roo or even my sunrise. Suspect this one has eluded me because they normally sign on much later (this was a Sunday). But then again, DEC 30 1104 – Man and woman canned ID including phone number, into Mexi-tunes. Male canned "Radio Chan Santa Cruz" between songs through 1125 tune-out. [Krueger-FL]
- 660 **MEXICO** XEFZ *ABC Radio*, Monterrey, NL DEC 28 1150 – Female with program promo, mentions of *ABC Radio*, man with news and those gobierno announcements. Someone else very weak with choral anthem from 1159. No trace of XECPR through 1209 tune-out today, assuming the anthem at the time most normally spin it wasn't them. [Krueger-FL]
- 660 **MEXICO** XEACB Cd. Delicias, Chih. DEC 29 1318 – Adstring by live announcer, mentioning Mazatlán and Delicias, for a farmacia i.a., from west/southwest, presumably XEACB (no 660 in Sinaloa); along with another Spanish station further counterclockwise, could be Durango or Aguascalientes. By 1330, "The Answer" KSKY The Metroplex captures 660, exactly its official Dec and Jan sunrise time for jump from 700 to 20,000 watts. [Hauser-OK]
- 660 **MEXICO** XEEY Aguascalientes, Ags. DEC 24 0519 – Spanish station mentions "Grupo Radiofónico Zer," then plug for some holiday event in Aguascalientes on 5 de enero, and a long string of federal PSA's including Cámara de Diputadas y Diputados (women finally get first billing in México! But I bet they are still a minority); Secretaría de Salud; CNDH (National Human Rights Commission); Senado about the "catastrophe" of global warming, still PSA's at 0523 as some station in English is gaining, KSKY? Anyhow, the Ags station on 660 is 50/10 kW XEEY, and indeed is affiliated with Zer per the new IRCA Mexican Log. [Hauser-OK]
- 680 **COLOMBIA** *R.Nacional de Colombia*, Barranquilla NOV 24 0443 – Briefly heard with a good signal, also with parallel 580, though both faded almost in unison. DEC 1 0345 – Two males talking about foods/nutrition confirmed via web parallel www.radionacional.co/. DEC 19 0400 – Tele-talk then primitive-sounding orchestral music amid co-channel Spanish gospel – perhaps WGES, and also KKYX with C&W music. DEC 26 0500-0602 – Used as benchmark to variously parallel 570 and 580 kHz. DEC 28 0317 – Classical music hosted by a man, parallels at 0321 on 570 and 580 kHz. [Funkenhauser-FL]
- 680 **HONDURAS** *La Voz de Honduras*, numerous synchros DEC 1 0315 – Garbled audio (with a second, weaker Spanish talk station, possibly Colombia). Fútbol commentary, perhaps a post-game wrapup mentioning "el presidente del equipo" and "estadio Municipal en la capital." Confirmed with some delay via web parallel <http://radiohrn.hn/l/noticias/reproductor-de-audio-online>. [Funkenhauser-FL]
- 700 **COLOMBIA** HJCX, *W Radio*, Cali NOV 24 0510 Pop Spanish vocal, "...a hora en Doble U" ID at 0512, and "...fútbol Dinamarca (and others)" scores, co-channel interference from WLW and an unID Latin with thumping music. NOV 26 0451 – Initially amid interference but faded up briefly with a vigorous discussion of European politics and a 0450 "La Doble U" ID. DEC 22 0245 – Almost alone, music program, touch tone sounds and Bogotá tele-talk, "Sistema Doble U! Radio Colombia" ID. [Funkenhauser-FL]
- 700 **GUATEMALA** *R.Mundial*, Guatemala NOV 26 0451 – Tentative for now, but very likely the one. Poor under WLW and *W Radio* with a fast-paced vocal in thumping music and lots of tuba sounds, then a man and woman in an (unclear) talk. At 0454 a program spot mentioned what clearly sounded like "Radio Nacional Guatemala" and made several references to

Guatemala in context. This is somewhat of a mystery! A cursory web search returned one link to *W Radio 107.3, La Voz de Guatemala AM 640*, among others. There are no direct references to Radio Nacional Guatemala on 700 kHz. However, searching the web for "Radio Nacional de Guatemala" returned www.radiotgw.gov.gt and that site clearly shows affiliation with TGW. As well, a search on *R.Mundial* returned www.radiomundial.com.gt also info@radiomundial.com.gt. So, I would say what I heard was *R.Mundial* which appears to be another TGW corporate acquisition, now affiliated in this case anyway, with the Guatemalan government. [Funkenhauser-FL]

700 **MEXICO** XEDKR *R.Red*, Guadalajara DEC 4 0556 – Male mentioning *R.Centro* in context, while the Mexican national anthem began to play on a co-channel station, and light *W Radio* interference. Only audio hum from 0600 to 0602 then a man said "continuamos en un momento" followed by the Mexican national anthem on this station, and ID mentioning "Grupo Radio Centro" and "Radio Red, Guadalajara" in context. DEC 22 2349 – Poor! Presumed the same one with an "Hora Nacional... once de la noche" spot, though it might have been the 'other' Mexican here. DEC 30 0511 – Trading signals with co-channel *W Radio*, and WLW, talk which I found some 25 seconds delayed on the 1110 XERED web feed, about Mexican security or law (e.g. "el director de protección civil en el país del norte...") At 0544 weather, "la temperatura... México... Distrito Federal," and other localities with temperatures in grados. At 0557 the Mexican national anthem was played by the 'other' Mexican, not *R.Red*, while commentary by a male continued on Red. Their rendition of the national anthem played shortly after the other Mexican finished, ending some two minutes later with Christmas bells and ID in part as "XERED (confusing! as it's listed as XEDKR, so this was a network ID) la frecuencia de la buena (unclear?) Radio Red... Mil vatios de potencia... La Red... Guadalajara, Jalisco... una emisora de Grupo Radio Centro... La Red..." etc. Will have to dig further for the other Mexican, which is lurking here. 700 has been productive! [Funkenhauser-FL]

700 **MEXICO** XEETCH Etchojoa, Son. DEC 29 1322 – Rustic music by fiddle and guitar past 1330, and at 1331 full ID in Spanish for XEETCH, Etchojoa, Sonora, and then same in indigenous language, both mentioning sponsoring federal agency CNDPI – Comisión Nacional para el Desarrollo de Pueblos Indígenas; no interference at first, but 1334 something in English, probably WLW resurging almost at our sunrise; heard more than once, including 1335, interjection between tunes, "¡Qué me toque un baile!" – play me a dance. I love listening to this native music; hard to pull away to keep bandscanning. [Hauser-OK]

720 **MEXICO** XEDE Saltillo, Coah. DEC 27 0121 – Romantic music, break and "continuamos con el fonógrafo de 720 AM" atop WGN most of the time. Might have been KSAH Texas, but definitely Mexican at 0142, with PSA's from INE – Instituto Nacional Electoral, SCT – Secretaría de Comunicaciones y Transporte, CNDH – Comisión Nacional de Derechos Humanos; another "continuamos" non-ID as above and back to music. Presumed the usual irritant (yea, nemesis) to WGN, making a slow SAH with it. [Hauser-OK]

720 **NICARAGUA** *R.Católica Nicaragua*, Managua NOV 30 0423 – Fair. Gospel songs with time checks between songs (two minutes fast), at 0425 "Oracion... Gloria al Padre y al Hijo y al Espíritu Santo" and more as it gave way some to *R.Progreso* Cuba. Stronger at 0431, "Muy buenas noches!" by a female followed by an instrumental Nicaraguan national anthem. DEC 4 0303 – Clear *R.Católica* ID, incorrect time check (as heard earlier) then at 0305 a preacher. DEC 16 0317 – Good with regular male preacher (always from 0305), also heard via www.radiocatolica.org/web/index.php parallel. [Funkenhauser-FL]

740 **MEXICO** XECAQ *R.Fórmula*, Cancun DEC 21 0346 – At 10 kW, presumed the one. XEQN, the other *R.Fórmula*, according to WRTH has 1 kW nighttime, and is located in Torreón, Coahuila, twice as far away. Still you never know... Fair but sometimes jumbled with others, especially stronger WYGM. Frequent mentions of "Fórmula" in context and one "Fórmula Navidad," then a program called "Mundo de Trabajo." At 0403 a reference to "La Hora Nacional" with the lead cameras for Christmas (fotografía, camara, tablets, Navidad), now quite. Listened 'til a further Hora Nacional mention at 0422, and also checked www.radioformula.com.mx to confirm parallel program. [Funkenhauser-FL]

750 **CUBA** *R.Progreso*, Palmira DEC 23 2316 – The Cuban way on top of YVKS with news and many mentions of "Kooba!" [DeLorenzo-MA]

750 **VENEZUELA** YVKS, RCR, Caracas DEC 27 0400 – Good, over *R.Progreso* Cuba; el Clásico de República Venezuela coverage, RCR deportes ID. [Conti-NH]

760 **COLOMBIA** HJAJ, RCN, Barranquilla DEC 1 0301 – Female news announcer with "Noticias RCN" and an item concerning "Policía Nacional de Colombia." DEC 16 0401 – Fair; news items then "RCN La Radio" ID. [Funkenhauser-FL] DEC 31 1058 – Good; "RCN la radio... a

continuación, el himno nacional de la república de Colombia," and choral national anthem, then RCN noticias. [Conti-NH]

- 760 **MEXICO** XEABC México, DF DEC 25 0207 – On Nissan car radio, Spanish station is dominant with several social media contacts mentioning Universo, and then ABC, so it's 70/10 kW XEABC Los Reyes de la Paz, EdoMex, i.e. effectively the DF while it still exists. I couldn't hear WJR now if I wanted to. [Hauser-OK]
- 770 **CUBA** *R.Rebelde*, Victoria de las Tunas JAN 1 1100 – Good; canned ID with dramatic organ music, "Rebelde la Habana, emisora de la revolución," parallel an equally strong 710 kHz. [Conti-NH]
- 780 **VENEZUELA** YVMN *R.Coro*, Coro NOV 26 0415 – Typical Coro music mixing with suspected XESFT La Poderosa, then a punctuated *R.Coro* ID at 0419. DEC 1 0437 – Similar format and *R.Coro* ID. DEC 23 0431 – Venezuelan national anthem under possible XESFT. [Funkenhauser-FL] DEC 23 2320-2328 – Strong alone on channel with festive LA music, *R.Coro* ID. No trace of WBBM. [DeLorenzo-MA]
- 790 **CUBA** *R.Reloj*, Pinar del Río//Holguín DEC 25 0209 – On car radio as I tune by, without really trying, hear time pip and RR from *R.Reloj*, which per WRTH 2016 is 25 kW from Pinar del Río, although there's another at the far other end of the island, 10 kW in Holguín. [Hauser-OK]
- 810 **BAHAMAS** ZNS3 Freeport DEC 28 1000 – Over/under WGY; ID for AM 1540 – FM 104.5 ZNS1, AM 810 – FM 104.5 ZNS3, and 107.9 FM, "All gospel, all the time, 24/7," mentioned Commonwealth of the Bahamas. [Conti-NH]
- 820 **CUBA** *R.Ciudad de la Habana*, La Habana-Arroyo Arenas DEC 27 0101 – Through WNYC; melody of canned jingle/ID. [Conti-NH]
- 830 **MEXICO** unID DEC 24 0602 – Last few strains of choral Mexican national anthem among the mix as I am nulling signal already reduced from WCCO with CBS news – so Spanish here doesn't have to be WFNO Norco, Louisiana. Ten XE's are listed. [Hauser-OK]
- 870 **CUBA** *R.Reloj*, Baracoa//Bueycito//Sancti Spíritus DEC 27 1100 – Over WHCU; "Radio Reloj," beep, "Seis de la mañana," and ID. [Conti-NH]
- 870 **MEXICO** XETAR Guachochi, Chih. DEC 29 1328 – Woman in Spanish talks about fiestas, then she switches to Tarahumara, as it's obviously XETAR. [Hauser-OK]
- 900 **MEXICO** XEOK Monterrey, NL DEC 18 1305 – "Siempre 88.9" newscast about the "apagón analógico," i.e. DTV conversion, starting with a jingle about it, and mentioning the cutoff as of Dec 31, which is really no longer to be enforced; trying to find a DTV set at two publicized locations without success, out of stock. Anyhow, this is presumably XEOK, as in DXLD 13-38 we researched that the national newscast originating at 88.9 in México DF, an Acir group station, would lead only to XEOK as an affiliate on 900 kHz. [Hauser-OK]
- 910 **VENEZUELA** YVRQ Caracas DEC 27 1000 – Attention signal doorbells under WLAT. JAN 1 2236 – Doorbells through WRNL. [Conti-NH]
- 930 **CUBA** *R.Reloj*, Cienfuegos//La Jaiba//Santiago de Cuba NOV 30 0441 – Male/female in an interference jumble with non-stop news, seconds ticks, beep and only two doorbell chimes, not the usual three. [Funkenhauser-FL]
- 940 **CUBA** *R.Progreso*, Sancti Spíritus NOV 30 0443 – Poor, with one, perhaps two, co-channel Spanish stations; talk mentioning *R.Progreso*. [Funkenhauser-FL] DEC 27 0400 – Over/under WMAC; onda de la alegría ID. [Conti-NH]
- 940 **MEXICO** XEQ *Ke Buena*, México, DF DEC 27 0300 – Good; "Oye me gusta Ke Buena" salsa theme song. [Conti-NH]
- 950 **MEXICO** XEMEX *La Mexicana*, Cd. Guzmán, Jal. DEC 28 1201 – Kiddie version of anthem in progress (always used here) followed by those rapid and haunting flute notes theme, an easy way to confirm it's this one when no ID is pulled. [Krueger-FL]
- 970 **MEXICO** XEJ Cd. Juárez, Chih. DEC 29 1339 – Ballads in Spanish pulled past local 960 KGWA, 1342 DJ maybe mentions Jota, 1347 fades for next announcement including phone numbers. Probably XEJ, now known as *Pancho* as listed in 2015 IRCA Log, while 2016 WRTH still has it as *La J Mexicana*. "I recently discovered that XEJ did not vacate the AM dial after all," reported Tim Hall on ABDX, "They merely added an FM and cut the power on AM 970 to 1 kW." [Hauser-OK]
- 980 **CUBA** unID NOV 30 0446 – Horrible wobbler just high of 980, lively Cuban music so likely it's COCO but I didn't wait for an ID, also *R.Guama* 970 and 990 wobblers. [Funkenhauser-FL]
- 1000 **CUBA** *R.Artemisa*, Artemisa DEC 25 1000 – Nice recorded ID with theme in passing, very good signal. [Krueger-FL]
- 1020 **CUBA** *R.Reloj*, Victoria de las Tunas DEC 27 0201 – RR Morse code through KDKA and unID Spanish talk. [Conti-NH]



- 1030 **MEXICO** XEQR *R.Centro*, México, DF NOV 30 0501 – Mexican national anthem then a punctuated spot mentioning *R.Centro* and Grupo Radio Centro. [Funkenhauser-FL]
- 1030 **MEXICO** XEYC *R.Fórmula*, Cd. Juárez, Chih. DEC 28 0635 – And at many other times, dominant signal is Spanish talk, which no doubt is XEYC, 1/1 kW, rather than 50/5 kW XEQR *R.Centro* in the DF, almost twice the distance whence signals are remarkably rare. DEC 29 1346 – *R.Fórmula*, Grupo Fórmula ID in news/talk, so XEYC mostly on network feed out of 970 XERFR but occupied here and there by XEJ, q.v. [Hauser-OK]
- 1040 **CUBA** *R.Mayabeque*, Güines DEC 20 1100 – Over/under WHO and WCHR; melody of canned hourly ID, then choral national anthem. [Conti-NH]
- 1060 **CUBA** *Radio 26*, Jovellanos JAN 1 2300 – Through KYW and WQOM; instrumental theme music leading up to distinctive time marker. [Conti-NH]
- 1060.083 **MEXICO** XERDO *La Raza*, Reynosa, Tamps. NOV 30 0506 – First at 0506 with male/female reading news some Mexican items, lively Mexican music pieces frequently fading under XEEP discussions by two women and *Radio 26* Cuba music (one – Stevie Wonder singing "I just called to say I love you"). *La Raza* spots at 0520, 0531 and mention of Matamoros at 0525 with full punctuated ID at 0533, "XERDO (twice) La Raza... Matamoros... Tamaulipas... transmitiendo al norte de Tamaulipas... La Raza... estación de todos!" DEC 19 0412 – Mexican music and *La Raza* quasi-ID's at 0413, 0420 and 0425, then news bit read by a female. [Funkenhauser-FL] DEC 26 0604 – Choral national anthem ending, as usual making LAH on the hi side of 1060.0 stations, full ID for XERDO, "La Raza" also mentioning 93.7 FM, i.e. Reynosa. [Hauser-OK]
- 1090 **COLOMBIA** HJIH *Caracol Radio*, Sogamoso DEC 21 0350 – Difficult reception in an extreme jumble, but heard with flute music, reminiscent of music from the Christmas classic, "Amahl and the Night Visitors." Parallel 1100 and 1170 kHz. [Funkenhauser-FL]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla DEC 21 0316 – Fair with parallel 1170; two men discussing music and playing various bits of classical music, then at 0350 noted parallel to 1090 kHz. [Funkenhauser-FL]
- 1110 **VENEZUELA** YVQT *R.Carúpano*, Carúpano DEC 31 1000 – Poor although all alone; 5:30 time check. [Conti-NH]
- 1140 **CUBA** *R.Rebelde*, Aguada//Caribe//Circunvalación//Guantánamo-La Piña DEC 24 1107 – One of the Rebelde transmitters here is loud and badly over-modulated/distorted. *R.Musical Nacional* and others underneath. [Krueger-FL]
- 1140 **CUBA** *R.Surco*, Morón DEC 27 0500 – Over WRVA and *R.Rebelde*; choral national anthem and canned ID. At 1101 over WRVA; canned ID, "Transmite CMIP Radio Surco..." Lately the most regularly received of at least six different Cuban networks broadcasting on this frequency. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena DEC 21 0316 – Some interference from co-channel Latin and gospel but fair-good compared to parallel 1100 kHz. Noted parallel to 1090 kHz at 0350 UTC. [Funkenhauser-FL] DEC 27 1100 – Under WWVA; choral national anthem and *Caracol Radio* ID. [Conti-NH]
- 1310 **CUBA** *R.Enciclopedia*, Nueva Gerona DEC 19 0052 – The usual female announcing, "Moon River" and other film scores in the co-channel. [Krueger-FL] DEC 29 0213 – Heard with parallel 530 while looking for audio from HJAK (on 1309.695 variable, showing up well against 1310 on the DDC display). Program by a female announcer playing easy songs and holiday music, 0319 ID as "Radio Enciclopedia desde Habana Cuba" with considerable interference from a pesky co-channel Mexican music station (likely a domestic) with punctuated spots as "Ke Buena... La Mexicana," though never a proper ID. [Funkenhauser-FL]
- 1320 **CUBA** *R.Artemisa*, Artemisa DEC 19 0145 – Fair, parallel excellent 1020 with Spanish man and woman. Both 1320 and 1020 are missing from the RadioCuba 2015 listing, though they've been active for a long time, and are listed in the WRTH 2015, with only 1000 kHz listed in the RadioCuba document. [Krueger-FL]
- 1320 **CUBA** *Radio 26*, La Jaiba DEC 22 1100 – Sitting on the channel while tending to paperwork, the Cuban national anthem popped up at 1100, fade, then back in the co-channel with traditional Cuban folk vocals. Checking parallels to confirm if this or *R.Artemisa*, it's this one, as parallel much better 1060 kHz. [Krueger-FL]
- 1620 **CUBA** *R.Rebelde*, La Habana//Amancio//El Coco//Guantánamo-Antiguo DEC 28 0317 – As I tune in, "Parada de Éxitos, Rebelde," and parallel 5025, so not relaying the FM network instead this time. WRTH 2016 has three Rebeldes on 1620, two of which are in Ciudad de la Habana province, 5 kW in Guanabacoa, and unknown power in El Sapo, surely one of those rather than the third, 1 kW in far-off Guantánamo. One other Cuban 1620 is *R.Bayamo*, Granma. [Hauser-OK]

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.
 Marc DeLorenzo, South Dennis MA; Perseus SDR, terminated Delta antennas.
 Werner Funkenhauser, Sebring FL; WiNRADiO Excalibur, Wellbrook System K9AY with 13 foot triangular loops directed at 0, 90, 180 and 270 degrees, experimentally phasing as needed with a Quantum Phaser and Par end-fed sloper.
 Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes FRG-7 with ~100-ft east/west longwire.
 Terry L. Krueger, Clearwater FL; NRD-535, IC-R75, roof dipole, active loop.
 Brett Saylor, State College PA; Perseus SDR with 16 x 36-ft corner-fed SuperLoop at 180°.

INTERNATIONAL NEWS

CORSICA: Added to the list of inactive medium wave radio countries with the closure of 1404 *France Info* and 1494 *France Bleu* end of 2015. Corsica is a Mediterranean island, although not fully autonomous as a territorial collectivity of France, typically counted as a separate radio country. [www.bamlog.com/darkcountries.htm]

FRANCE: All *France Info/France Bleu* medium wave stations closed end of 2015 except 603 kHz which is scheduled to close on January 4, 2300 UTC. [Rémy Friess, *mwdx*] 711 kHz also reported still on the air as of JAN 1 1530 UTC. [Christian Ghibaudo, *WRTH Facebook group*] Remaining medium wave stations in France for 2016: 1467 *TWR Roumoules*; 1467 *R.Maria*, Col de la Madone; 1593 *Bretagne 5*, St. Gouéno. [Christian Ghibaudo, *Ydun's Medium Wave Info*]

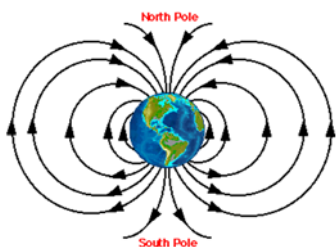
GERMANY: *Deutschlandfunk* medium wave stations on 549, 756, 1269, and 1422 kHz closed shortly before midnight UTC, December 31. Only 1143 *AFN* still audible. [Jurgen Bartels, *mwdx*] 1107 *AFN Bavaria* also still active as of Jan 1, even though the U.S. garrison it served closed years ago. [Dr. Hansjoerg Biener, *Ydun's Medium Wave Info*]

LUXEMBOURG: Joining the list of inactive medium wave radio countries, 1440 *RTL* closed for good end of 2015. Afterward, Belgian pirate *R.Paradise* was received on 1440 broadcasting an old *R.Luxemburg-English '208'* recording. [Jurgen Bartels, *mwdx*]

TURKS & CAICOS: 530 *R.Vision Cristiana* will possibly start transmitting again after several years of absence. There are plans for a new antenna mast and a new 100 kW Nautel transmitter during the second quarter of 2016. [Stig Hartvig Nielsen, *DX Aktuellet* via *Ydun's Medium Wave Info*]



73 and Good DX!



Geomagnetic Indices

Geomagnetic Summary December 2015

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

Date	Flux	A	K	Space Weather	12/16	126	7	1	no storms
12/ 1	95	14	4	no storms	17	118	7	2	no storms
2	95	9	1	no storms	18	117	5	3	no storms
3	95	4	1	no storms	19	119	12	4	no storms
4	98	5	2	no storms	20	117	66	6	moderate, G2
5	101	16	3	no storms	21	122	38	3	moderate, G2, R1
6	102	24	4	minor, G1	22	130	13	2	minor, R1
7	101	20	2	no storms	23	134	11	4	minor, R1
8	111	11	2	no storms	24	133	12	3	minor, R1
9	109	8	2	no storms	25	126	8	2	no storms
10	109	23	4	minor, G1	26	117	15	5	minor, G1
11	114	20	4	no storms	27	110	11	2	no storms
12	117	12	2	no storms	28	112	5	1	minor, R1
13	123	8	1	no storms	29	105	6	2	no storms
14	124	22	5	minor, G1	30	105	4	2	no storms
12/15	119	17	3	minor, G1	12/31	96	43	6	moderate, G2

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

NOAA Space Weather Outlook

Issued December 28, 2015 – For the period December 28, 2015-January 23, 2016

Now at <http://www.swpc.noaa.gov/products/weekly-highlights-and-27-day-forecast>

Solar activity is expected to be at low to moderate levels (R1-Minor) throughout the period. Moderate activity is likely through 03 Jan as Regions 2472 (N04, L=329) and 2473 (S22, L=332) rotate off the disk. Low activity levels are expected on 04-23 Jan with moderate activity possible on 15-23 Jan as Regions 2472 and 2473 rotate back onto the visible side of the disk.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at moderate to high levels on 28 Dec – 12 Jan in response to coronal hole high speed stream (CH HSS) effects. Normal to moderate levels are expected on 13-23 Jan.

Geomagnetic field activity is expected to be at active levels on 01, 03 Jan with G1 (Minor) storm conditions on 02 Jan due to a positive polarity CH HSS. G1 storm conditions are likely again on 06 Jan with active levels following on 07 Jan due to a positive polarity CH HSS. 10 and 11 Jan are likely to see G1 storm and active conditions, respectively due to a negative polarity CH HSS. Generally quiet to unsettled conditions are expected from 13-23 Jan.

2016 DXers Gathering: DXers in AM, FM, and TV, including the NRC, IRCA, WTFDA, and DecaloMania will gather on September 9-11, 2016 in Kansas City, MO. It will be held at the Hyatt Place Kansas City Airport, 7600 NW 97th Terrace. Information on registration will be made available soon. Rates are \$99.00 per night for 1 to 3 persons per room, plus taxes and fees. Plan to arrive on Thursday for 3 nights, and we end Sunday at noon. Free airport transfers and breakfast each morning. Registration: \$55 per person which includes a free Friday evening pizza party and Saturday evening banquet. Checks made payable to "National Radio Club" and sent to Ernest J. Wesolowski, 13312 Westwood Lane, Omaha, NE 68144-3543. Please mention which club(s) you belong to for club treasury info. Dale Hamm W5LN and Ernie are your hosts.

IRCA Mexican Log: The 20th Edition of the IRCA *Mexican Log* is now available. It lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11". Prices: IRCA/NRC members – \$9.50 (US), \$11.00 (Canada) \$12.50 (México), \$14.00 (rest of the world). Non-IRCA/NRC members – add \$2.00. To order, send the correct amount (in US funds payable to IRCA) to: IRCA Goodie Factory, 9705 Mary NW, Seattle, WA 98117-2334. Or, order through PayPal [add \$1.00] to email: phil_tekno@yahoo.com (Phil Bytheway). Please state club affiliation when ordering.

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