

DX News

Serving Medium Wave DXers since 1933

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HAPPY NEW YEAR!



DX Tests

KJJR-880 Whitefish MT will test on Saturday morning, **January 8**, from 0201-0400 EST (0001-0200 local MST, and 0701-0900 UTC). Station chief engineer Todd Clark will be performing regular maintenance of the station's audio chain during the test, which will include Code IDs at 10 WPM 800 Hz and 20 WPM 1000 Hz. There will also be sweep tones, telephone off-hook indicators, long-duration tones at 1000 Hz, music, jingles, and more.

The CPC will issue verifications for the test. Joe Miller has designed the QSL e-card. They are requesting a brief (2 minutes or less) recording in .mp3, .wav, or .mp4 video format, along with the usual identification of the DXer and equipment. Please send reports within 30 days of the test to Les Rayburn at les@highnoonfilm.com.

The NRC/IRCA Courtesy Program Committee extends its thanks to KJJR ownership, Todd Clark, and Paul Walker for helping to arrange this test.

KOKD-1380 Redfield, SD will test on Saturday morning, January 15, from 0101-0300 EST (0001-0200 local CST, and 0601-0800 UTC). Chief engineer and station owner Ron Schacht will conduct a test using 500 Watts day power. The test will include Code IDs and sweep tones at 1000 Hz and other easily identifiable content.

The CPC will issue verifications for the test. They are requesting a brief (2 minutes or less) recording in .mp3, .wav, or .mp4 video format, along with the usual identification of the DXer and equipment. Please send reports within 30 days of the test to Les Rayburn at les@highnoonfilm.com with the subject line "KQKD 1380 RECEPTION REPORT."

KQKD also conducted an equipment test on December 11 at 0201-0500 EST, but due to a miscommunication this wasn't announced in advance. If you have an overnight recording and wish to submit it for verification, please do.

The NRC/IRCA Courtesy Program Committee

extends its thanks to Ron Schacht and the staff of KQKD for running our material during their test.

Volume 89 DXN Schedule

No	D'dline	Print	No	D'dline	Print
9	Jan. 16	Jan. 25	15	Apr. 24	May 3
10	Jan. 30	Feb. 8	16	May 22	May 31
11	Feb. 13	Feb. 22	17	June 26	July 5
12	Feb. 27	Mar. 8	18	July 24	Aug. 2
13	Mar. 13	Mar. 22	19	Aug. 21	Aug. 30
14	Apr. 3	Apr. 12	20	Sept. 11	Sept. 20

Membership Report

"Year #52" – Greg Hardison.

"Time to renew – And I am delighted to do so. The dedication and subsequent effort in putting out a Great *DX News* is SO obvious, and Much Appreciated!! I think I've been a member now for 40 years! Thank You!" – Tony Fitzherbert.

"I'm renewing my membership in the NRC for my 32nd year, having joined in back in 1993! I've enjoyed being a member throughout the years, reporting to Domestic DX Digest often and to the Musing of Members on occasion! I am also submitting a check for the "42nd NRC AM Log" a DX station guide which I have always cherished in DX activities. Thank You." – Leslie Wood

New Members: Welcome to Richard Faloney, Hershey, PA; and Guy McCullough, Huntsville, AL.

Rejoining Members: Welcome back to James Bagge, Springfield, MA; Douglas Foster, Dover, NH; Larry Fussell, Brewton, AL; and Joseph Malet, Torrance, CA.

Renewing Members: Thanks for the ongoing support of Stephanie Battaglini; Kenneth Brookner; Anthony K. Fitzherbert; Geoff Fox; Adam Grose; Gregory S. Hardison; Joseph Piccoli; David Rivera; Timothy Schaffernoth; Steve Sprague; Donald Trevarthen; and Leslie Wood.

AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, NRCDXNews@gmail.com
 Canadian info – Compiled by Shawn Axelrod, Dan Sys, and Jon Pearkins
 NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org
 NRC AM Log data mining provided by Shawn Axelrod and Bill Hale

FCC and CRTC Decisions and Applications

CALL CHANGES

- 910 **KKBE NM Roswell** – Call change (back) to KBIM (Dec. 24); had these calls until 2015.
 1000 **KOMO WA Seattle** – Call change to KNWN (Dec. 30).
 So says the FCC web site ... web stream still had legal ID as “KOMO Seattle and KOMO-FM Oakville” at 1200 ELT on January 3.



STATIONS GOING DARK

- 1580 **KXZZ LA Lake Charles** – License cancelled Dec. 28 at licensee’s request.
 Several other stations made public announcements that they will be going permanently silent around the New Year, including WGVS-850 Muskegon MI, KDKD-1280 Clinton MO, WGVU-1480 Kentwood MI, KOGT-1600 Orange TX. If they turn in their licenses as advertised, we’ll let you know!

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs completed, awaiting final licensing (probably being used on the air):

- 1200 **KFNW ND West Fargo** – Granted program test authority on for new site; coordinates corrected to 46-43-09/97-01-48.

CPs granted:

- 990 **KRXS CO Denver** – Granted CP to build new towers on same property and make slight changes to night pattern; new day tower at 39-47-56/104-58-14, night towers centered at 39-47-58/104-58-14.
 1090 **WILD MA Boston** – Granted CP with D1 2700 (ch 1800), new site (diplexed with WJDA-1300) at 42-15-35/70-58-36.
 1320 **KIFM CA West Sacramento** – Granted CP with U4 5000/620, consolidating operations to licensed day site at 38-38-11/121-33-09.
 1340 **KROS IA Clinton** – Granted CP to replace tower (no other changes).

Application to amend CP received:

- 1330 **WHGM MD Havre de Grace** – Has CP for U1 3900/18 at licensed site; applies to amend CP to U1 1000/18.

Application for CP received:

- 1490 **KIBM NE Omaha** – Applies for CP with U1 970/900, new site (diplexed with KCRO-660) at 41-18-47/90-00-36; has a similar CP that will expire in February.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 790 **KBME TX Houston** – Granted STA, parameters at variance during triplexing.
 1360 **WGBN PA McKeesport** – Granted STA, U1 1000/250, damage to transmission lines.
 1370 **KWRM CA Corona** – Granted STA, U1 10/10, whip at 33-49-01/117-30-29.
 1470 **WLMC SC Georgetown** – Granted STA, U1 250/36, WGTN-1400 tower (33-24-15/79-19-36).
 1490 **KIBM NE Omaha** – Granted STA, U1 930/930 from CP site (diplexed with KCRO-660) at 41-18-47/96-00-36.
 1520 **KYND TX Cypress** – Granted STA, reduced power (unspecified), antenna monitor repair.

Applications for STA received:

- 590 **KTIE CA San Bernardino** – Applies for STA, U1 625/240 or parameters at variance during KEZY diplexing.
 660 **KSKY TX Balch Springs** – Applies for STA, U4 7200/600 as in CP; CP is built but will not apply for license to cover until old towers are dismantled.

1240 KEZY CA San Bernardino – Applies for STA, U1 700/700 from CP site.

Extensions of prior STAs granted (usually for an additional 6 months):

790 WKRD KY Louisville – Granted STA extension, night parameters at variance.
 1020 KCKN NM Roswell – Granted STA extension, U4 30000/50000 or less, all with night pattern.
 1030 WOSO PR San Juan – Granted STA extension, D1 300, unipole at 18-26-55/66-04-37.
 1130 KSDO CA San Diego – Granted STA ext., U1 2500/2500, drop wire at 32-43-51/117-04-59.
 1330 WENA PR Yauco – Granted STA extension, U1 500/350, 185' LW at CP site.
 1350 WOYK PA York – Granted STA extension, U1 5000/250.
 1370 WGIV NC Pineville – Granted STA extension, U1 25/25, 110' vert. LW 35-11-56/80-52-36.
 1410 WDOV DE Dover – Granted STA extension, parameters at variance.
 1430 WNEL PR Caguas – Granted STA extension, U1 2300/2300, portion of old tower.
 1490 KYWL MT Deer Lodge – Granted STA extension, U1 120/120, tower at 45-46-15/111-13-26.
 1510 KSPA CA Ontario – Granted STA extension, U1 10/10, whip at 34-04-00/117-40-10.

Applications to extend previously granted STAs received from WHYN-560 Springfield MA, WBQN-1160 Barceloneta-Manatí PR, WREV-1220 Reidsville NC, WLNR-1230 Kinston NC, and KNTB-1480 Lakewood WA.

SILENT STATIONS

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

850 KEYH TX Houston – Silent since Dec. 30, 2020; on the air with STA Dec. 27.
 920 KKGX CA Palm Springs – Silent since July 31; back on the air Dec. 12.
 1340 KWCY CA Cathedral City – Silent since July 31; back on the air Dec. 12.

Stations informing the FCC that they are silent:

630 KICH GU Agaña – Silent Dec. 1, transmitter failure.
 1270 WCGC NC Belmont – Silent July 23, financial problems (not notified to FCC until now).
 1280 KNBY AR Newport – Silent Dec. 10, tornado damage.
 KDKD MO Clinton – Silent Dec. 31, has lost tower site.
 1300 KHTW TX Lumberton – Silent Nov. 1, power problems at tower site.
 1400 WIRA FL Fort Pierce – Silent Dec. 7, loss of programming source.
 1540 WWGK OH Cleveland – Silent Dec. 20, technical problems at tower site.

Al Quaglieri reports WABY-900 Watervliet NY has been running open carrier for weeks and is looking for a buyer.

Miscellaneous: What is the city of license for WAFN-1310 (ex-WKZD), Somerville AL or Priceville AL? At the beginning of 2021, the FCC "AM Query" database said Priceville and the station license (accessible through the FCC web site) to this day says Priceville. In June 2020, the station owners (the Somerville Baptist Church, who purchased the station in 2015), filed an application "solely to change WKZD(AM) from 'commercial' to 'non-commercial'" status; the application was granted in February 2021. On the application, however, the station put "Somerville" as the city of license. Upon the granting of the application, the city of license was flipped to Somerville in the FCC databases, but there was never any formal application to change the CoL (which normally requires a construction permit, even if no "construction" is involved).

This change of CoL based on an erroneous line in an application for non-commercial status has happened on other occasions in recent years. For a while, WRAA-1330 was listed by the FCC as Blacksburg VA rather than the correct Luray VA, for a similar reason. In every case, once the FCC looked into it, the flip of CoL in the FCC databases was reversed. According to FCC records, the transmitter is still located in Priceville (on Marco Drive, ¼ mile north of the intersection with Cave Spring Road), and I can see the tower at that site right now on Google Maps. Somerville is about 7 miles southeast of Priceville. So my vote is that Priceville is still correct, even if the online FCC "AM Query" says Somerville. – DY

NRC AM Log Updates

560 WFRB MD Frostburg – Slogan to "Real Country." (DXMid)
 670 KBOI ID Boise – Adds // KTIK-FM-93.1. (RI)
 690 KPET TX Lamesa – Adds // K235CZ-94.9; delete // K286AO-105.1. (FCC)
 710 WNTM AL Mobile – Slogan to "News Radio." (TK)
 790 KOSY AR Texarkana – Format to OLD (ex-UC:GOS); slogan to "Good Time Oldies 790 & 107.5," networks to WW1. (RI)

- 820 **WBKK** MN **Wilton** — Adds // K254DJ-98.7; delete // K276EP-103.1. (FCC)
KUTR UT **Taylorville** — Slogan & Group to Grp= The Truth Salt Lake. (FCC)
- 830 **WCCO** MN **Minneapolis** — Slogan to “News Talk 830.” (JW)
- 890 **KYWN** ID **Meridian** — Adds // K284CY-104.7. (FCC)
- 910 **KBIM** NM **Roswell** — Format to SS:MEX (ex-CCR); slogan to “La Ley 93.7.” (RI)
- 930 **WKBM** IL **Sandwich** — Adds // W256DU-99.1. (FCC)
- 950 **KAHI** CA **Auburn** — Slogan & Group to Grp= The Voice of the Foothills Radio. (FCC)
- 970 **WMAY** IL **Springfield** — Format to NWS/TLKD:CLRn (ex-NWS/TLK); networks to A/DR, slogan & Group to Grp= 92.7 WMAY (ex-Grp= NewsTalk 94.7 & 970). (DXMid)(WH)
- 1030 **WEBS** GA **Calhoun** — Slogan to “The Fox 103.5.” (StIntel)
- KTWO** WY **Casper** — Format to NWS/TLK (ex-NWS/TLK:C&Wwknds); adds // K236CX-95.1; networks to Fox/CMP/DR/P/JBo/C2C. (FCC)(WH)
- 1130 **KPHI** HI **Honolulu** — Slogan & Group to Grp= Shaka 96.7. (RI)
- 1230 **KZTQ** NV **Reno** — Slogan & Group to Grp= Bob 96.1. (WH)
- KRSY** NM **Alamogordo** — Format to TLKam/SPT (ex-TLK), slogan to “Alamo Sport + Talk,” networks to SRN/WW1/ESPN. (RI)
- WMLR** TN **Hohenwald** — Adds // W258DS-99.5. (FCC)
- KSEY** TX **Seymour** — Format to SPT (ex-SPTd/C&Wan), delete slogan, // KSEY-FM-94.3’ networks to ESPN. (FCC)(WH)
- 1240 **WHVN** NC **Charlotte** — Format to SS:REL (ex-REL), drops networks. (WH)
- 1250 **WJIT** PR **Sabana** — Slogan to “Faro de Santidad.” (DXMon)
- 1270 **KBZZ** NV **Sparks** — Group to Grp= 92.5 and 106.5 the Hog (ex-Grp= 92.5 the Hog). (DXMid)
- WHGS** SC **Hampton** — (*WHGS is Silent*) Adds // W241DA-96.1. (FCC)
- 1320 **WCVG** KY **Covington** — Adds // W280FW-103.9. (FCC)
- 1340 **KWXY** CA **Cathedral City** — Format to NOS/VAR (ex-EZL); slogan to “Music Radio.” (RI)
- KGGG** KS **Garden City** — Slogan to “1340 & 102.9 Keggs.” (DXMid)
- 1350 **KTIK** ID **Nampa** — Slogan to “The Ticket,” adds // K237HA-95.3, delete // KTIK-FM-93.1, drop Group. (RI)
- KABQ** NM **Albuquerque** — Format to SPT (ex-TLK); slogan to “Fox Sports 1350,” networks to FSR. (RI)
- 1360 **WGBN** PA **McKeesport** — Adds // W255DM-98.9. (FCC)
- 1370 **WCOA** FL **Pensacola** — Adds // W285FY-104.9; delete // WJTQ-100.7. (FCC)(WH)
- 1400 **KCHS** NM **Truth or Consequences** — Slogan to “Kicking Country,” adds // K270CE-101.9. (DXMid)
- KUNO** TX **Corpus Christi** — Format to SS:MEX (ex-SS:NOS). (StIntel)
- KKTL** WY **Casper** — Adds // K270CT-101.9. (FCC)
- 1420 **WWSZ** GA **Decatur** — Slogan & Group to Grp= Streetz 94.5. (FCC)
- KULY** KS **Ulysses** — Adds // K249FI-97.7, delete // KHGN-106.7; drop slogan. (WH)
- 1440 **WROK** IL **Rockford** — Adds // W241DF-96.1. (FCC)
- KMAJ** KS **Topeka** — Adds // K228FW-93.5. (DXMid)
- 1450 **WOLY** NY **Olean** — Slogan & Group to Grp= Big Oly 107.1. (FCC)
- WSNO** VT **Barre** — Format to AC was XMAS (ex-CHR); slogan & Group to Grp= 97.9/105.7 The Penguin. (RI)
- 1460 **WBRN** MI **Big Rapids** — Slogan & Group to Grp= Big Rapids News/Talk. (FCC)
- WJTI** WI **West Allis** — Format to JAZZ (ex-SS:MEX); slogan to “Smooth Jazz 102.5,” adds // W273DQ-102.5, delete // W250BN-97.9. (TN)
- 1480 **WJTW** AL **Bridgeport** — Format to CLR (ex-C&W); Group to Grp= 106.1 The Eagle (ex-Grp= Mix 106.1/95.7). (RI)
- 1490 **WRLA** GA **West Point** — Slogan to “Troup FM.” (TK)
- 1500 **WQMS** MS **Quitman** — Adds // W274CH-102.7. (FCC)
- 1540 **KXEL** IA **Waterloo** — Adds // K263BZ-100.5. (NP)
- 1560 **WBYS** IL **Canton** — Slogan to “The New 94.1 BYS.” (DXMid)
- WFME** NY **New York** — Adds // W292FV-106.3. (FCC)
- 1590 **KWBG** IA **Boone** — Adds // K268DS-101.5. (NP)
- 1640 **KZLS** OK **Enid** — Slogan to “96.9 the Eagle,” adds // KQOB-96.9. (RI)
- 1650 **KBJD** CO **Denver** — Slogan to “Radio Luz,” “Radio Red.” (DXN)



New Groups

Grp= 92.5 and 106.5 the Hog – KBZZ-1270, K223AL-92.5, K293CA-106.5 (DXMid)

Grp= 97.9/105.7 The Penguin – WSNO-1450, WSNO-97.9, W289CH-105.7 (RI)

Grp= Big Oly 107.1 – WOLY-1450, W296DB-107.1, W285ES-104.9 (FCC)
 Grp= Big Rapids News/Talk – WBRN-1460, W256CC-99.1, W243EN-96.5 (FCC)
 Grp= Bob 96.1 – KZTQ-1230, K245DC-96.9, K241AK-96.1 (WH)
 Grp= Shaka 96.7 – KPHI-1130, K244EO-96.7, K284AL-104.7 (RI)
 Grp= Streetz 94.5 – WWSZ-1420, W233BF-94.5, W286DN-105.1 (FCC)
 Grp= The Truth Salt Lake – KUTR-820, K237FG-95.3, K280GX-103.9 (FCC)
 Grp= The Voice of the Foothills Radio – KAHI-950, K283CM-104.5, K275BJ-102.9 (FCC)

Group Name Changes

Grp= 92.5 the Hog becomes Grp= 92.5 and 106.5 the Hog (DXMid)
 Grp= Mix 106.1/95.7 becomes Grp 106.1 The Eagle (RI)
 Grp= NewsTalk 94.7 & 970 becomes Grp= 92.7 WMAY (DXMid)

Group Changes

Grp= Beach Radio 104.1 adds W244EE-96.7 Asbury Park (FCC)
 Grp= Greatest Hits on Earth adds K282CC-104.3 Ukiah (FCC)
 Grp= La Zeta FM 106.7 adds K245BZ-96.9 Tulsa (FCC)
 Grp= News Talk 97.3 adds W265DX-100.9 Lewisburg (FCC)
 Grp= Noti Uno Seis Treinta adds W221ER-92.1 (FCC)
 Grp= Ritmo 107.9 drops K245BZ-96.9 and adds K227DT-93.3 Tulsa (FCC)
 Grp= The Rock adds W293DP-106.5 Juana Diaz (FCC)



Groups Deleted

Grp+ 92.5 the Hog (DXMid)
 Grp= 93.1 The Ticket (RI)

Our Thanks to our Contributors and Various Media Sources (DXMid) DXMidAmerica; (DXMon) DX Monitor; (DXN) DX News; (FCC) FCC; (NP) Northpine.com; (RI) Radio Insight; (StIntel) StationIntel.com; (JW) John Wilkins; (TK) Terry L Krueger; (TN) Tim Noonan; (WH) Wayne Heinen.

Confirmed DXer

Phil Bytheway, 9705 Mary NW, Seattle WA 98117-2334, DXM.EiC@gmail.com

Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline: **02/24/22 1 PM PLT**. pb

- 540 WXYG MN, Sauk Rapids. Tri-County Broadcasting, POB 366, Sauk Rapids MN 56379. V/s Al Neff, Goat Herder (refers to station slogan "The Goat") prepared card, personal note card and sticker received in about two weeks He filled in 850 watts, but night power should be 250 watts. (JR-NY)
- CBK SK, Regina. Prepared card from Ben Yardley, Senior Remote Area Technician, CBC/Radio Canada, 2440 Broad Street, Regina SK S4P 0A5; received in 7 weeks for 10/28/21 report. (JR-NY)
- 970 KKRK ID, Rupert. PPC in 8 days from Kim Lee, Owner. (JW-CO)
- 1170 KTSB OK, Tulsa. PPC in 10 days from Steve Hunter, Director. of Operations & Programming. (JW-CO)
- 1560 KIQS CA, Willows. Email saying "Yes, you received it." California station #150 verified, #298 total. (MF-CA)

Thanks to these great reporters – pb

Martin Foltz – Mission Viejo CA) (MF-CA)
Jim Renfrew – Clarendon NY (JR-NY)
John Wilkins – Wheat Ridge CO (JW-CO)



Domestic DX Digest – East

Mike Brooker, 99 Wychrest Avenue, Toronto ON M6G 3X8 (Canada)

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Loggings of U.S. and Canadian stations by Dxers in the Eastern & Atlantic time zones

All times are Eastern Local Time (ELT)

REPORTERS

- LB-NY Linda Brodsky, Malverne – RSPDx with 3 foot amplified magnetic loop
 BC-NH Bruce Conti, Nashua – Excalibur SDR, MWDX-5 phasing unit, terminated SuperLoop 180° south, terminated double Delta 60° northeast.
 MC-GA Mike Cooper, Stone Mountain – NRD-515 with 200' wire to northeast.
 TF-NH Tony Fitzherbert, Campton – C Crane CCRadio 2E, Terk Advantage loop.
 HJH-PA Harry Hayes, Wilkes-Barre – Tecsun PL 390, Kiwa Pocket Loop
 JK-WV Joe Kremer, Fairmont – Kenwood TS-890, AOR LA400 Loop, Timewave ANC-4+
 KK-VA Kraig Krist, Manassas – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop.
 GL-NH Ginnie Lupi, Concord – CCRadio2E + Select-A-Tenna
 AQ-NY Al Quaglieri, Albany – Mazda CX-7 car radio
 JR-NY Jim Renfrew, Clarendon – Toyota RAV4 car radio
 PS-ON Paul Snider, London – Perseus SDR, Wellbrook ALA 1530 LN loop, MFJ-1020C tuner
 BT-PEI Brent Taylor, Stratford – KiwiSDR, SDRPlay RSPdx, Wellbrook ALA-1530 Loop.
 JW-PA Jim Weber, Oyster Point – Grundig S350, Sony ICF-2010, Tecsun PL-380
 NjW-ON Niel Wolfish, Toronto – WinRadio Excalibur G31DDC and Wellbrook Loop, Honda Civic car radio
 MKB-ON Mike Brooker, Toronto – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Tecsun PL-330, Panasonic RF-2200

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Friend me on Facebook! www.facebook.com/keval.mike View me on Instagram! [brookermike](https://www.instagram.com/brookermike)

TIS/HAR

- 1710 WQFG689 NJ Jersey City – 12/17 0259 – Good, better than usual, with repeated information, and a full ID “WQFG689, owned and operated by Hudson County, New Jersey.” Then male announcer with traffic and COVID information. MW list has them at 100W. (BT-PEI)

CATCH THE DRIFT

- 1239.47 WSQL NC Brevard – 12/30 1800 – Het against 1240 pileup; ID'ed as WSQL by Rob Keeney and DX'ers nearby in NRC Facebook group. Measured 1239.466 kHz. Strongest with antennas phased south for WCEM. Also observed an unID offset signal on the high side at 1240.0715 kHz. (BC-NH)

LOGGINGS

- 530 CHLO ON Brampton – 1/1 0705 – Weak, peaking out of the noise for a couple of minutes with East Indian music. (JK-WV)
 540 WFLF FL Pine Hills – 12/27 0200 – Good, with full ID, mention of I-Heart radio and then into Fox news. (BT-PEI)
 550 WAME NC Statesville – 12/25 0637 – Heard with country version of “Holly Jolly Christmas” then call ID. Weak and alone. (HJH-PA)
 WKRC OH Cincinnati – 12/23 2033 – Ad for Today's Military.com. Began the news, “Here's the very latest from around the globe on WKRC”. Slogan “The Talk Station”. Fair in a mess of other signals. (HJH-PA)
 560 WHYN MA Springfield – 12/20 2105 – Way over WGAN with a week long weather forecast “on AM 560 and 98.9, WHYN”, followed by financial news notes. Very rare here as WHYN protects WGAN. (TF-NH)
 WVOC SC Columbia – 12/20 1651 – “WVOC” ID popped out from behind CFOS. (JR-NY)



- +++ - 12/23 2020 - Fair with others with ID then returned to The Mark Levin Show. ID as "103.5 and 560 AM". **(HJH-PA)**
- 580 **WTAG MA Worcester** - 12/20 1657 - Local Worcester ads, a long time since I've heard this one. **(JR-NY)**
- +++ - 12/18 2305 - Heard airing the program "Weekend with Joe Pag". Competition from CFRA. ID as "News Radio WTAG 580 and 94.9". **(HJH-PA)**
- 610 **WTVN OH Columbus** - 1/2 0656 - Killing semi-local CKTB with "Newsradio 610 WTVN" ID after infomercial for Legacy Retirement Group. **(MKB-ON)**
- 620 **WKHB PA Irwin** - 12/23 0604 - Paul Simon's "Mother and Child Reunion" into ads, then at 0608, "103.9 KHB, on your hometown radio station, 103.9 KHB" by man into "Close to You" by The Carpenters. Pretty good in WVMT/WZON clutter. New at this location. **(GL-NH)**
- WVMT VT Burlington** - 12/25 1820 - Poor in WSNR null with promo for Fox News app into "At Home with Gary Sullivan" home repair call in show. After 2200 better signal but battling with R. Rebelde. **(LB-NY)**
- 790 **WAXY FL South Miami** - 12/27 0100 - Excellent, rising to dominate at the top of the hour, out of a Biontech/Pfizer vaccine promo, then a sounder followed by, "This is AM 7-90 the Ticket WAXY South Miami, WSFS HD2 Miramar, home of Tobin and Leroy, Jim Rome, Hoch and Crowder and the Miami Heat, an Odyssey station. Then into breaking news promo with female announcer, sponsored by "Bet UL." **(BT-PEI)**
- WAEB PA Allentown** - 12/14 1553 - "The Valley's Talk Station, WAEB", followed by Dell Technology, Untuckit Shirts, PPC Electronics, Nevoxin Brain Booster commercials, Sean Hannity at ToH with ID for "Newsradio 790, WAEB, Allentown", promo for the iHeart Radio app, Fox News. Call stands for "Allentown, Easton, Bethlehem", three major cities served by the station. **(TF-NH)**
- 800 **WSVS VA Crewe** - 12/10 1701 - Mixing with Spanish and talk, male "This is 'Pure Country' 97.1 FM 8 hundred AM WSVS Crewe" ToH ID. **(KK-VA)**
- 820 **WCPT IL Willow Springs** - 12/10 1705 - Mixing with WWFD and WVSG. Terrible digital hash from WWFD blocking everything on 820 kHz until WWFD goes to night power at 1645 ET. ID at 1705: "This is 8-20 AM WCPT and worldwide at WCPT... 'Where Facts Matter'". **(KK-VA)**
- CHAM ON Hamilton** - 12/14 2206 - Fair; Slogan "Hamilton's Funny 820 AM" with old time comedy. **(JK-WV)**
- 840 **WVPO PA Stroudsburg** - 12/14 1642 - Local ad for the (?) Factory, "More country music on 'Bigfoot Country'", another country selection, and "103.1 Bigfoot Country" slogan by female DJ, more C&W, nice clear signal for a 250 watt non-directional station. No sign of usual WHAS or WRYM. **(TF-NH)**
- WCEO SC Columbia** - 12/10 1625 - Mixing with WHAS. Endless Spanish singing. Finally at 1712 caught "La Raza" slogan. **(KK-VA)**
- 850 **WXJC AL Birmingham** - 12/23 1700 - In WTAR mix with "Your home for life changing music and ministry. WXJC FM, WXJC HD... WBJC Birmingham and WXJC AM Birmingham" ToH ID. **(KK-VA)**
- WFTL FL West Palm Beach** - 12/27 0100 - Fair to poor, but in the clear during gap in WEEI ID with full legal ID for AM and HD transmitters. **(BT-PEI)**
- 870 **WKAR MI East Lansing** - 12/13 1635 - Discussion of the meaning of Christmas and how to celebrate it, martial arts, and of grieving, NPR feed, weak but steady signal, no usual WHCU. **(TF-NH)**
- 890 **WAMG MA Dedham** - 12/19 2027 - Spanish music. all alone on frequency with a nice "La Mega" ID at 2030, into more music, no WLS, very directional station is rare here even during the day. **(TF-NH)**
- WKNV VA Fairlawn** - 12/13 1648 - Atop with Christmas music, gone by 1656, lost to usual WLS. **(TF-NH)**
- +++ - 12/16 1618 - Pounding WLS on the car radio as "Joy FM" with gospel music. **(JR-NY)**
- +++ - 12/30 1653 - Inspirational music dominated until WLS crept up a few minutes later. Music ended at 1703, then "This is Joy-FM, heard on over 30 stations..." quick-listing a bunch of calls including WKNV, and website "joyfm.org," then a jingle and off. **(AQ-NY)**



- 900 WJWL DE **Georgetown** – 12/12 1938 – Spanish music, mixed with CHML and WURD. (TF-NH)
- WATK WI **Antigo** – 12/25 2355 – Christmas music, able to match “Silver & Gold” by Vanessa Williams to Simple Radio stream, “...Christmas station, WATK Antigo...” at 0004. Poor to very poor with usual CHML and WBRV. (PS-ON)
- 910 KCJB ND **Minot** – 1/2 0800 – Pretty much alone with old-school twangy C&W, “long stretches of classic country...910 AM KCJB” ID. (MKB-ON)
- +++ – 1/2 0758 – ID and Alan Jackson’s “Gone Country”. Underneath WXJX-Apollo. (NjW-ON)
- WRNL VA **Richmond** – 12/16 1630 – “The Fan” slogan, local Richmond ad. (JR-NY)
- 920 CFRY MB **Portage la Prairie** – 12/31 0732 – Over usual CKNX groundwave with local weather, “currently -28 in Portage”, “Real Country CFRY” slogan into C&W. (MKB-ON)
- 940 WIDG MI **St. Ignace** – 12/26 1625 – Catholic religious talk, Relevant Radio promos. No ID, but // to relevantradio.com stream. Fair to poor. (PS-ON)
- CJGX SK **Yorkton** – 1/2 0800 – “GX 94” slogan, ToH ID and local news read by Matthew Dekker with lead item about a homicide in Flin Flon, Manitoba. (NjW-ON)
- 950 WIBX NY **Utica** – 12/21 1730 – Creaming usual WWJ with “First News in the morning...right here on WIBX” station promo into Fox News. (MKB-ON)
- WAKM TN **Franklin** – 12/27 0700 – Over usual WWJ with C&W-ish version of SSB (likely played daily at this time, not a sign-on), “This is WAKM Franklin” ID into local news. (MKB-ON)
- 1070 WTSO WI **Madison** – 12/22 1658 – Presumed over WFLI-Lookout Mountain with promo for Holiday Fantasy In Lights at Olin Park. By ToH 1070 was being dominated by WFLI. No sign of CHOK. (NjW-ON)
- CHOK ON **Sarnia** – 12/12 2007 – Country oldies, DJ with appropriate hillbilly twang, CHOK ID’s, mixed with an unidentified rock station, maybe WNCT, neither station heard here for a while. (TF-NH)
- 1080 KYMN MN **Northfield** – 12/25 0600 – Atop the channel with station promo and legal ID by woman that mentions FM 95.1. (NjW-ON)
- 1110 WJML MI **Petoskey** – 12/26 0820 – In like ton of bricks with ad for Scallywag’s Fish and Chips in Traverse City and other local ads. (MKB-ON)
- 1120 WPRX CT **Bristol** – 12/27 0102 – Fair to very good, rising well above regular KMOX with Latin American music. I was expecting a Colombian or other exotic catch, but then the ID “Domingo en Dinamica Onze Vente”...double time pips two minutes late, then in accented English, “WPRX 11-20 AM Bristol, New Britain, Hartford, Dinamica once vente. Then sounder and back into up-tempo music. Good signal for listed 500 watt night power. New. (BT-PEI)
- 1150 WCRK TN **Morristown** – 12/23 1715 – Thought I heard calls in jumble, then a few minutes later, recorded male says WCRK-FM into “I Ran” by A Flock Of Seagulls, which announcer outros mentioning 105.7 WCRK, then sports items at 1722. (MC-GA)
- 1170 WDEK SC **Lexington** – 12/19 2210 – Presumed with Christmas carols with no breaks or ID’s under WWVA, steady signal. In consulting with another DX’er, we believed that the signal was coming from WDEK, a 10000 watt non-directional Gospel formatted daytimer with no post sunset authorization which neglected to shuts its AM signal down at sunset. The other DX’er commented that WDEK occasionally stays on with its 3300 watt critical hours signal after dark. (TF-NH)
- WFDL WI **Waupun** – 12/26 1637 – Beatles “Can’t Buy Me Love”, “Mother’s Little Helper” by the Rolling Stones. No ID, but // to Simple Radio stream. Poor to very poor under WWVA. First time heard at this location. (PS-ON)
- 1180 WKCE TN **Knoxville** – 12/23 1655 – “From the archives, WKCE is proud to provide another favorite” into oldies. At 1700, quick mention of WKCE with no city into ABC newscast, then recorded “Mid-Century Radio” announcement, mentions also on 105.1, into more 50s-60s music, with “Merry Christmas from WKCE” jingle. (MC-GA)
- 1190 WVUS WV **Grafton** – 12/28 0758 – Over WOWO-Fort Wayne with Catholic programming. ToH ID by woman which mentioned a few stations, including WLOL FM 89.7. (NjW-ON)
- 1200 KFNV ND **West Fargo** – 1/2 0759 – Asking for donations with faithradio.com website mention, ToH ID and SRN news. (NjW-ON)
- 1210 WANB PA **Waynesburg** – 12/23 1615 – Ad for My Pillow, then clear call letters at 1620 into country music before WPHT takes over the frequency. (MC-GA)

- 1230 WJOB IN **Hammond** – 12/29 2300 – Presumed atop the jumble with local ad for Certified Electricians of Northwest Indiana and another area code 219 commercial. (NjW-ON)
- WSAL IN **Logansport** – 12/25 0600 – Weak with ToH ID. Last heard during the Obama Administration. (NjW-ON)
- WNAW MA **North Adams** – 12/21 2015 – Christmas country music, a WNAW ID, and into more C&W before fading into the mess, new for me. (TF-NH)
- 1240 WWCO CT **Waterbury** – 12/27 0103 – Fair, on top of jumble, rolling through the top of the hour with up-tempo Latin music. Then, finally, ID at 0403:25, with mention of “Emisora Favorita” and eventually female in EE and SS with string of callsigns, including WRYM, WWCO and W292FI, Waterbury. New. (BT-PEI)
- +++ - 1/1 1702 – Over/under others; tropical music, ID, “WRYM W297BT New Britain-Hartford... WWCO... Waterbury, ¡Viva!” (BC-NH)
- WTAX IL **Springfield** – 12/25 0729 – ID as “Newsradio 93.9 and AM 1240 WTAX is with you wherever you go with wtax.com”. Local weather and CBS news brief. (NjW-ON)
- WIGY ME **Lewiston** – 12/31 1754 – Fading over WWCO; “105-5” into ad string, ad for Maine’s best whoopie pies, “This is WIGY,” and “Lean On Me” by Club Nouveau. (BC-NH)
- WSYY ME **Millinocket** – 1/1 1500 – Over/under WOON; “You’re listening to WSYY AM 1240 Millinocket, Maine.” At 1604 in jumble; WSYY ID with mention of FM, winter weather advisory, and CBS news. At 1652 over WWCO; “...on The Mountain 94.9.” And at 1800* over/under WBAS and WCEM; sign off with instrumental national anthem. (BC-NH)
- WCEM MD **Cambridge** – 12/30 1900 – Over others; “Sports Radio 1240 is WCEM AM Cambridge-Easton-Preston... right here on Sports Radio 1240.” (BC-NH)
- WHMQ MA **Greenfield** – 12/30 0458 – Presumed with mention of 101.5 and other frequencies at 0405 but nothing additional until slightly garbled WHMP ID at this time for // WHMP-1400. (JW-PA)
- +++ - 12/30 1559 – Over/under others; promo, “...on 101-5, 1400, and 1240,” and ID, “The only live and local talk in the valley and for the valley is WHMP Northampton...” into CBS news. (BC-NH)
- WBAS MA **West Yarmouth** – 1/1 1800 – Over/under WSYY and WCEM; 6 o’clock time check and multi-station ID, “The Memories Stations... from Bath-Brunswick... from Gorham-Portland...” (BC-NH)
- WFTN NH **Franklin** – 12/30 1555 – Over/under others; callsign ID’s for two 92.9 translators, “...Classic Oldies 92.9.” (BC-NH)
- WGBB NY **Freeport** – 12/31 1500 – Over WFTN; “This is WGBB AM 1240 and W240DF FM 95.9 Freeport, New York, Chinese Radio.” (BC-NH)
- WGVA NY **Geneva** – 12/31 1600 – Over WFTN; “CBS covers the world, we cover the Finger Lakes... 1240 WGVA Geneva, Finger Lakes News Radio.” (BC-NH)
- WOON RI **Woonsocket** – 1/1 1200 – In WFTN null; “Broadcasting live and local from the Navigant Credit Union broadcast studios...” and “WOON Woonsocket” jingle into NBC Radio News. (BC-NH)
- WSKI VT **Montpelier** – 12/31 1734 – Over unID nostalgia; “Rock 103.3” and “Outside” by Staind. (BC-NH)
- WHFA WI **Poynette** – 12/26 0728 – Relevant Radio programming and Christmas greetings. (NjW-ON)
- WOBT WI **Rhineland** – 12/29 2300 – ToH ID: “sports talk for Northern Wisconsin, 101.3 and 1240 the Game, WOBT Rhineland and W267AF” into Fox Sports stuff. (NjW-ON)
- WJMC WI **Rice Lake** – 12/30 2258 – Elton John & Kiki Dee’s “Don’t Go Breaking My Heart”. Song was cut off midway for ToH ID and then went into CBS news. (NjW-ON)
- 1250 WPGP PA **Pittsburgh** – 12/12 2032 – Talk mixed with Black gospel music, “AM-1250, the Answer” slogan, promo for Hugh Hewitt Show and other programming, ID for WPGP, and iHeart Radio app, Town Hall News at ToH. (TF-NH)
- WDVA VA **Danville** – 12/12 2020 – Black Gospel music, female announcer, nice spirituals with African American choir, atop frequency with “Go Tell it on the Mountain”. No station ID, but WDVA is the only Black Gospel station on 1250. Night signal with four towers is directional east, new for me. (TF-NH)
- CJYE ON **Oakville** – 12/12 2052 – In over WPGP and WDVA with promo for program “Living on the Edge” on “Joy Radio” at 5:00 am and 3:30 pm, “We all want to

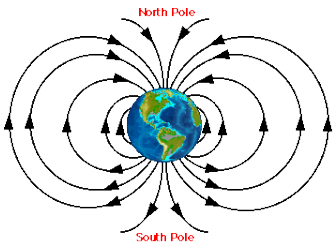
be better Christians" so listen to that program" into "Joy to the World" and other Christmas music. **(TF-NH)**

- 1260 WQOF DC **Washington** – 12/20 0629 – Chasing religious talk while trying to null WBIX and others, man with "Relevant Radio" and mention of Washington. At 0632, woman discussing the liturgy, // stream. Very poor in QRM. **(GL-NH)**
 +++ - 12/28 0800 – Over all comers with "WQOF Washington, Relevant Radio 1260 AM" ID after string of Relevant Radio promos. **(MKB-ON)**
- KBRH LA **Baton Rouge** – 12/20 0005 – Heard briefly above station mix with blues music and "...KBRH.org" ID at 0009. Also // to Tune In stream. **(PS-ON)**
- 1280 CFMB QC **Montréal** – 12/19 2040 – At least three people speaking in Spanish, one being a child, either reading a story or staging a play, at 2100 into Spanish music, followed by a CFMB ID in SS at 2105, unusual here. **(TF-NH)**
- 1290 WKBK NH **Keene** – 12/23 1552 – Local weather and ID as "WKBK", nice early signal. **(JR-NY)**
- 1300 WJZ MD **Baltimore** – 12/28 1859 – Good, with Ad Council promo and then odd ID by female – six repetitions of "13-hundred The Bet" and finally call letters "WJZ AM Baltimore, WJZ AM FM HD3 Catonsville Baltimore, W285WJ Whitemarsh." **(BT-PEI)**
- WPNH NH **Plymouth** – 12/23 1557 – Long string of network stations, then "New Hampshire's Oldies 9.29", still playing oldies after 1600. New. **(JR-NY)**
- WODS PA **West Hazleton** – 12/29 0634 – WILK ID (for // WILK-980) audible at this time but signal was weak. **(JW-PA)**
- 1320 CJMR ON **Oakville** – 12/13 2102 – Foreign language over WDER and an unidentified Spanish station. CJMR uses CJYE-1250's seven towers with identical pattern and broadcasts from the same studio building. **(TF-NH)**
- 1340 WYBC CT **New Haven** – 12/29 0645 – Presumed with "NPR's best album of the year" and "NPR Music" by man. Very poor in heavy QRM. **(GL-NH)**
- WXFN IN **Muncie** – 12/29 2300 – ID: "Muncie's Sports station 1340 AM and 102.9 FM WXFN Muncie" and Fox Sports. **(NjW-ON)**
- WMDR ME **Augusta** – 12/13 2050 – Man and woman praying, mixing with WMID, only religion format on 1340 in New England, NY, NJ or PA. **(TF-NH)**
- WBRK MA **Pittsfield** – 12/21 2019 – Local ads for Great Barrington Hospital, another business with a 413 area code, and an insurance agency, before fading away, the call stands for the Berkshire Mountains where Pittsfield is located. **(TF-NH)**
- WMID NJ **Atlantic City** – 12/20 2052 – Oldies followed by a woman ID'ing "All new 93.1, classic oldies WMID-FM" before fading. **(TF-NH)**
- WMBO NY **Auburn** – 12/27 1759 – Parallel to 1390-WFBL Syracuse with the Beatles' "Yellow Submarine" and ToH ID "serving Central New York and beyond..." **(NjW-ON)**
- WENT NY **Gloversville** – 12/21 2025 – High school basketball, Glens Falls vs. Gloversville, one WENT ID, mixed with and mostly under WYBC. **(TF-NH)**
- WALL NY **Middletown** – 12/20 2050 – Oldie rock music, a quick ID for "WALL Radio", more rock music, steady signal, new for me. **(TF-NH)**
- WNCO OH **Ashland** – 12/27 0800 – "WNCO Ashland Mansfield" ToH ID and Fox Sports stuff. **(NjW-ON)**
- WJOI WI **Milwaukee** – 12/24 1600 – "Right here on Joy 1340" noted atop the mush. **(NjW-ON)**
- 1350 WHWH NJ **Princeton** – 12/27 0700 – "WHWH" callsign ID in English at this time into Spanish program. In very well. **(JW-PA)**
- WCHI OH **Chillicothe** – 12/23 0636 – Clear call sign ID at this time amidst pop tunes. I'm hoping this was at night time 28 watts. **(JW-PA)**
- WBLT VA **Bedford** – 12/27 0300 – "WBLT" call sign ID at this time; no other info, weak signal. **(JW-PA)**
- 1360 WYOS NY **Binghamton** – 12/28 1859 – Fair, just over regular WDRC, with PSA for an affordable home program, then at ToH: "This is Binghamton's home for CBS Sports Radio, and the Jim Rome show weekdays from noon to 3. You're listening to CBS Sports Radio 13-60 AM WYOS Binghamton, a Town Square Media station." Then into AC/DC's Hells Bells as intro for the Zach Gelb show. **(BT-PEI)**
- 1370 WVMR WV **Frost** – 12/24 1600 – Alone with no sign of WSPD-Toledo or WXXI-Rochester with woman giving ToH ID and mentioning that NPR news was next. **(NjW-ON)**

- 1380 **WNRI RI Woonsocket** – 12/27 1859 – Fair, in jumble, with tee-up for next Monday’s local program. Then “This is WNRI Woonsocket...” **(BT-PEI)**
- 1390 **WEGP ME Presque Isle** – 12/20 1535 – Almost at local strength with Relevant Radio feed, note for the “Catholic Order of Foresters”, cut abruptly at 1545, early pattern change and drop in power. **(TF-NH)**
- WFBL NY Syracuse** – 12/20 2030 – Rock music, ID for three FM stations ending with 103.9, followed by more rock music, mixing with WEOK, WEGP, WCAT, and others. Finally at 2045, a male ID’ed “You’ve found 94.1, 95.3 and 103.9, the Dinosaur” atop the frequency, before more rock music. No mention of the two AM stations at 1340 and 1390 in this group. WFBL stands for “Fireball Radio” from when it was one of three Top 40 stations in Syracuse. **(TF-NH)**
- 1400 **WHMP MA Northampton** – 12/16 1604 – Holyoke Mall extended hours, “WHMP news”, followed by WHMP Weather and into local talk. **(TF-NH)**
- 1410 **WHTG NJ Eatontown** – 12/31 1557 – Fair with oldies music. Full ID at 1600: “WHTG and W264DH 1410 AM and 100.7 FM, the great hits of the 50’s, 60’s and 70’s, the Jersey Shore’s great gold 1510 AM and 100.7 FM, we play your favorite oldies.” Alone on frequency. **(LB-NY)**
- 1420 **WCOJ PA Coatesville** – 12/20 2058 – Way atop frequency with EWTN feed, at ToH, clear ID for “1570 WISP, Doylestown – Philadelphia and 1420 WCOJ, Coatesville” into EWTN news. I have been hearing them after dark a bit lately, perhaps the WCOJ night pattern is messed up. **(TF-NH)**
- 1450 **WBNP MA Newburyport** – 12/13 1608 – Bloomberg News, discussion of productivity in America, mixed with other stations. **(TF-NH)**
- WHTC MI Holland** – 12/30 1758 – Promo for Detroit Red Wings hockey on “99.7 and 1450 WHTC” sponsored by Spectrum Health. Christmas greeting from Congressman Bill Huizenga. ToH ID: “99.7 and 1450 WHTC Holland” and CBS news. **(NjW-ON)**
- WPGG NJ Atlantic City** – 12/28 1859 – On top, with health update followed by ID, “95.5 FM and 1450 AM WPGG Atlantic City, WENJ HD3 Millville, a Town Square Media station.” Then into Fox News. **(BT-PEI)**
- +++ – 12/30 1629 – ID as “WPG Talk Radio 95 point 5” during break in Sean Hannity and woman announcer with local news and then Fox Business Report. **(NjW-ON)**
- WENI NY Corning** – 12/31 1758 – C&W music, ToH ID with “Bigfoot Country Radio” slogan and mention of owner Seven Mountains Media. Apparently a format change from talk format, when they were “The Patriot”. Bigfoot is also found on 105.3 (WKPQ-Hornell) and 96.1 (WCBF-Elmira). **(NjW-ON)**
- WKAL NY Rome** – 12/13 1605 – Weather for Rome and Utica, WKAL ID, mention of 103.3, soon gone, soon gone, new for me. **(TF-NH)**
- WVAM WV Parkersburg** – 12/30 0658 – Out of the Rolling Stones’ “Get Off My Cloud” with ToH ID that mentions a translator on 98.1 and another on 107.9. **(NjW-ON)**
- 1460 **WHTY AL Phenix City** – 12/20 1705 – Black Information Network newscast into traffic “from Columbus’ 98.7” by Daryl Allen, mention of Phenix City bypass, “Columbus BIN on 98.7,” and a few minutes later “Stay informed, Columbus BIN 1460 AM.” **(MC-GA)**
- WOPG NY Albany** – 12/28 1859 – Good with devotional programming. Then ID from the Bishop for WOPG 14-60 AM and WOPG FM 89.9. Then into EWTN news. **(BT-PEI)**
- WVOX NY New Rochelle** – 12/20 2126 – Presumed with soft easy listening vocal selections, mixed with WOPG, WTKT, WGMM, CJOY and others, very weak 122 watt signal. Not bad, though, on a busy frequency with a mix of football play by play, Catholic teaching, and rock music from more powerful signals. Have heard WVOX once here before. **(TF-NH)**
- 1480 **WCFR VT Springfield** – 12/13 1558 – Rock music, then “Locally owned, locally operated, WCFR, Springfield, 1480 and 106.5”, into local and Vermont news reported by “Rob Roberts (original or air name??) on AM 1480 and 106.5, WCFR”, into more rock music, over usual WSAR. **(TF-NH)**
- 1490 **WSPR MA West Springfield** – 12/13 1619 – Lively Spanish music, atop frequency for three minutes, only Spanish format on 1490 in New England, NY, PA, or NJ, 470 watts got out nicely. New for me. **(TF-NH)**



- WOHI OH East Liverpool** – 1/1 2312 – Tuned into a clear “Classic Hits 92.1, The Pickle” slogan, into classic rock and then mostly lost. Fair for a few seconds, then very poor on occasion. **(PS-ON)**
- 1550 WSDK CT Bloomfield** – 12/20 1556 – End of J.D. Greer preaching, followed by promo to “Get your Life Changing Radio Newsletter” emailed to you, weather for the Connecticut River Valley, ad for My Pillow by Mike Lindell, legal ID: “We’re Life Changing Radio, AM 1550 WSDK Bloomfield- Hartford”, into SRN News before mixing with WITK which usually dominates 1550 here at sunset. **(TF-NH)**
- WITK PA Pittston** – 12/28 1659 – Good, fading up in the clear, with promo for downloadable Wilkins Radio app, then male ID “Broadcasting to northeast Pennsylvania, this is WITK Pittston, Springfield...” **(BT-PEI)**
- 1560 WFME NY New York** – 12/19 2205 – Preaching, deep fades, but audible with its temporary 1000 watts from a long wire antenna in New Jersey. **(TF-NH)**
- 1570 WHTX OH Warren** – 12/31 0710 – Caught “...right here on 1570 AM WHTX” station promo amid multi-station jumble. **(MKB-ON)**
- 1580 WJFK MD Morningside** – 12/14 1616 – Sports betting activities, mixing with Spanish preacher on WNYG. **(TF-NH)**
 +++ - 12/24 0730 – Chewing up near-local CKDO with talk on upcoming NFL games, promo for “You Better You Bet” show. **(MKB-ON)**
- WNYG NY Patchogue** – 12/19 2200 – Spanish, mention of “Medford, New York” into man praying in SS, atop frequency, although 500 watt night signal from three towers is directional out over the Atlantic. **(TF-NH)**
- WLIJ TN Shelbyville** – 12/20 0706 – Rooster and chicken sound effects, Bluegrass music, report on I-65 traffic mishap, “WLIJ FM 98.7” ID. **(JK-WV)**
- 1600 WEHH NY Elmira Heights-Horseheads** – 12/13 1635 – Medley of Christmas standards, nice signal under WWRL with its BIN feed. **(TF-NH)**
- WMCR NY Oneida** – 12/28 1650 – Over in-state rival WWRL with local weather, “the new 101.1 the Wave” slogan into “Drive” by the Cars. **(MKB-ON)**
- 1700 WRCR NY Haverstraw** – 12/17 0300 – Good, after only about 20 seconds of the beginning of the Little River Band’s “Night Owls” with (wrong city of license) ID, “AM 17-hundred, WRCR Haverstraw,” and then into local weather. **(BT-PEI)** *CoL changed to Haverstraw as of Oct. 21, 2021 – DY.*



Geomagnetic Indices

Geomagnetic Summary November 2021

Via Phil Bytheway – Tabulated from WWV online status daily (K = 0000 UTC) <ftp://ftp.swpc.noaa.gov/pub/forecasts/wwv/>

Date	Flux	A	K	Space Weather	16	80	13	2	no storms
11/ 1	98	10	4	minor, R1	17	79	12	3	no storms
2	97	17	2	minor, R1	18	82	5	1	no storms
3	89	21	7	strong, G3	19	79	5	2	no storms
4	94	69	2	strong, G3	20	80	10	3	no storms
5	93	13	3	no storms	21	79	12	3	no storms
6	82	18	3	no storms	22	78	9	2	no storms
7	88	6	0	no storms	23	80	9	2	no storms
8	88	4	3	no storms	24	83	5	1	no storms
9	92	6	3	minor, R1	25	94	4	1	no storms
10	88	8	1	no storms	26	92	4	1	no storms
11	85	4	1	no storms	27	92	5	3	no storms
12	83	4	1	no storms	28	92	9	3	no storms
13	81	3	1	no storms	29	90	9	1	no storms
14	78	4	1	no storms	11/30	90	5	2	no storms
15	79	9	4	no storms					

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

Domestic DX Digest – West

Bill Hale, 6124 Roaring Springs Drive, North Richland Hills TX 76180-5552

w_r_hale@sbcglobal.net

Loggings of U.S. and Canadian stations by DXers in the Central, Mountain, Pacific, Alaska, and Hawaii-Aleutian time zones – All times are Eastern Local Time (ELT)

Please submit all reports in the format seen below. All times are Eastern Local Time (ELT)!! In some instances, minor editing may occur. Reports older than 30 days may be excluded at the editor's discretion. New members are especially welcome to report!!

Initial reports for the Frequency Challenge are way, way at the end. Check 'em out!

Please observe the following . . .

Upcoming deadlines for DDXD-West: **Issue 9: January 14**; **Issue 10: January 28**

--- REPORTERS ---

- SMA-MB** **Shawn Axelrod Winnipeg, Manitoba** Receivers: ICOM IC-R70 / Drake R8 / SDRPlay RSPduo; Antennae: 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
- NB-WI** **Neil Bartlett Verona, Wisconsin** Honda CRV radio
- SB-CA** **Stephanie Battaglino Palm Desert, California** Perseus with Jaguar Pro, Wellbrook ALA1530LNP and ALA1530PE at ~25-30 feet; Quantum Phaser
- SD-MN** **Skip Dabelstein KØSBV Maple Grove, Minnesota** Receivers: Icom R75 and Drake SW8; Antennae: Ratzlaff Active Whip and Radio Plus Quantum Loop Antennas
- KDF-IL** **Karl D. Forth Chicago, Illinois** Sangean, ATS-909, DT-200VX
- BH-TX** **Bill Hale North Richland Hills, Texas** DX-398 + Radio Shack Loop
- MJ-QRO** **Mike Jeziorski Juriquilla, Queretaro, Mexico** Receivers: Perseus and Kiwi SDRs; Antenna: W6LVP loop <mjeziorski@gmail.com>
- TK-FL** **Terry Krueger Niceville, FL** IC-R75, NRD-535, ICF-7600GR, active loop, random wire, miscellaneous junk
- JP-AB** **Jon Pearkins Edmonton, Alberta** Sangean PR-D15 & HDR-18 barefoot
- JJR-MI** **John J Rieger L'Anse, Michigan** Grundig Satellit 750 + Terk AM1000 loop; Sangean ATS-909X stock
- JJR-WI** **John J Rieger South Milwaukee, Wisconsin** Icom IC-R75, MFJ-959B tuner/preamp, Kiwa loop, Sangean ATS-909X stock
- JW-CO** **John Wilkins Wheat Ridge, Colorado** Drake R-8, 4-foot box loop

--- CANADIAN RADIO BITS, BOBS, AND A HISTORY LESSON ---

Jon Pearkins <jon@pearkins.com>

Canada has seen major changes in AM Radio listening habits due to COVID-19. Broadcast Ratings in Canada generally rely upon Numeris, a not-for-profit Joint Industry Committee (JIC). They were previously known as BBM, derived from their original name, the Board of Broadcast Measurement. It was a name that made sense in an era (1958-68) when Broadcasting in Canada was regulated by the BBG, the Board of Broadcast Governors. PPMs are used in Major Markets and Diaries in smaller markets.

Hearing multiple transmitters airing the same content, on the same or different frequencies, can be a simulcast, a network or a syndicated program. It is sometimes hard to define which, if any, of these three describes a given situation. Currently, a major trend among corporate owners for overnight is to replace syndicated programming with the corporation's own programming, effectively making all stations with the same brand part of a network. The CRTC licenses some radio networks, most notably the CBC and all the Canadian sports teams' play-by-play networks. Simulcasting with no separate content is issued a single license for all the transmitters. When separate content exists, each station gets a separate license, with a license requirement for a specified weekly amount of local programming, defined as "local news, weather and sports, promote local events, and provide spoken word content that meets the particular needs and interests of the communities it is licensed to serve". Simulcast, network and live syndicated programs are not always synchronized perfectly. Satellite and Internet feeds both create audible delays. Programming can be delayed hours or even days for repeat programming or due to differences in time zones. Voice-tracked simulcasting with local content can also get out of sync if each station's local content varies in length.

- 570 CKSW SK Swift Current** – As well as the station’s own content, all CJSN-1490 content is produced at CKSW.
- 630 CHED AB Edmonton** – Heard in Folsom CA on **December 18th at 2000** with a strong signal on a car radio. Co-owned CHED and CJOB-680 Winnipeg, Manitoba adjusted their directional patterns several years ago, to take into account stations that are no longer on the air, including CKOV-630 Kelowna, British Columbia, CKRC-630 Winnipeg, Manitoba and CHFA-680 Edmonton, Aalberta, all of which switched to FM.
- 740 CBX AB Edmonton** – Made a rare appearance as #1 in the overall ratings for the August 30th to November 28th time period. Even a decade ago, when CBC stations were usually number one in other major markets, CKUA’s Edmonton audience was enough to rob CBX of the top spot. This time, a 9.0 was just enough to beat three FMs, each with mid-8 shares.
- 800 CJAD QC Montreal** – Montreal Ratings are reported separately for English and French stations (bilingual stations are no longer permitted by the CRTC), with CJAD scoring a 26.8 share in the English ratings, giving them a nine point lead over #2. As might be expected, CJAD has a 0.1 share of the much larger French-speaking Montreal audience, where the top-rated AM station is CKGM-690 with a 0.7 share; English language All Sports CKGM has a 5.0 share in the English ratings.
- 980 CKNW BC New Westminster** – Once known as “The Top Dog in B.C. Radio”, more often than not these days, the station loses out on top spot in the Ratings. But, not this time, with a 12.8 share beating second place CBU’s 10.6.
- 990 CBW MB Winnipeg** – Nearly two points ahead of second place CJOB, CBW had a 15.7 share of the Winnipeg market, the latest in a long string of #1 Ratings.
- 1010 CBR AB Calgary** – Over two points ahead of everyone else, the station scored #1 with a 12.2 share of the overall Ratings.
- 1040 CKST BC Vancouver** – Heard in London, Ontario on December 14th @ 2240 with poor signal. CKST is one of those rare stations whose Directional Pattern during the Day impacts its potential listening audience more than its Night Pattern. Both patterns have very tight nulls, toward WHO-1040 Des Moines, Iowa at night and KBLE-1050 Seattle, Washington during the day; the Night Pattern sends little signal to Victoria BC in order to protect Port Angeles, Washington’s reception of KBLE. As a former Daytimer, KBLE is not protected at Night.
- 1490 CJSN SK Shaunavon** – Although their 2016 license renewal includes a requirement for 91.5 hours per week of local programming, one of their engineering staff reports that the station now totally simulcasts CKSW-570, with the exception of local IDs and commercials.



115 years ago, during December 1906, Canadian-born **Reginald Aubrey Fessenden** made Broadcast History at Brant Rock, Massachusetts, though there is some dispute among historians over some of it. On December 21, he demonstrated his newly-invented “high-frequency alternator-transmitter” that broadcast clear audio but lacked the amplification necessary for a strong signal. Speech was heard clearly 11 miles away at Plymouth, Massachusetts, and a successful interconnection was made with the existing nation-wide telephone network. That much is well documented in contemporary editions of Scientific American and The American Telephone Journal. Also well documented is Fessenden’s earlier (Autumn 1900) usage of a high-frequency spark transmitter to successfully transmit somewhat distorted speech over a distance of one mile. Fessenden would later (1918) claim that, during the testing before and after the 1906 demonstration, a couple of his transmissions were received in Scotland. But it was not until 1928 and 1932 that accounts were published of his 1906 Christmas Eve broadcast of four selections: a phonograph record followed by Fessenden playing violin, singing and reading a short passage from the Bible. If true, it would represent the first broadcast of music and entertainment to a general audience. If not, that honor would go to Lee de Forest’s broadcast of electronic telharmonium music in February 1907. Fessenden also claims to have made a second, shorter, program on New Years Eve 1906. And he goes on to say that both broadcasts were widely publicized and heard as far away as Norfolk, Virginia, and, in the case of the New Years Eve broadcast, the West Indies. It is these DX claims that have generated the greatest skepticism due to the low power of the transmitter. What is known, is that transmitter was built by General Electric and operated on 50 kHz. For comparison, WWVB operates at 60 KHz with 50,000 Watts from Colorado and is heard most nights by millions of clock-based devices in North America.

--- UNID ---

- 1489.86 unID - 12/22 0802 – Big het against 1490, with WANG, Biloxi the only identifiable one on 1490. This persistent het has been here for months, estimated reading. (TK-FL)
- 1490 unID - 12/28 1713-1806 – Sunset Greyline mess. Someone with ESPN Radio (WWNB New Bern, NC or WOPI Bristol, TN are best contenders from here). Then someone with male canned voice liner several times clearly referencing “FM 102 point 5” in a Rock format attitude. Jefferson Airplane and Jackson Browne songs mixing in, but that could have been WANG “Bob 106.3” Biloxi. Then snip of C&W and “The legendary. . . WHOC” (WHOC, Philadelphia, MS), and finally at 1806, someone with a clear “. . . Rock ‘N Roll 103 point 5 . . .” slogan. (TK-FL)
- 1490 unID - 12/29 1249 – Someone briefly in with Fox Sports Radio promos. WCSV or WJMM, TN? Or WBEX, OH? Lost to WANG, then to KJIN. (TK-FL)

--- TIS/HAR ---

- 1620 WQBR256 IL Lake Zurich – 12/29 0345 – TIS giving hazardous driving warnings for Illinois locations. (SD-MN)
- 1710 WQFG689 NJ Hudson City – 12/23 1829 – Poor, but solid and steady, with Covid info: where to get shots; ages 5 and up; public transit information; etc. In easily for 4+ hours! (JJR-WI)

--- DX LOGGINGS ---

- 560 KMON MT Great Falls – 12/18 0827 – Poor though atop, with Calls after ‘Ghost Riders in the Sky’. (JJR-MI)
- 570 WIDS KY Russel Springs – 12/30 1200 – ID: “570 WIDS Russell Springs, Kentucky” into SRN News. Top-of-Hour discussion about cold weather and snow in the Pacific Northwest. Good signal. (MN-KY)
- 570 CKSW SK Swift Current – 12/23 – Very poor- “Saskatchewan” said twice under WNAX. C&W music. First time this season. Rare! (JJR-MI)
- 580 WXRH TN Rockwood – 12/23 0006 – Twangy Classic Country, man: “AM 580, FM 93-3 The Ranch” liner between every couple or three songs. Very good on peaks, parallel station stream, and surely on day power. (TK-FL)
- 580 CKWW ON Windsor – 12/23 1820 – Very poor, with ‘Build Me Up Buttercup’ by the Foundations (‘68), then “AM 580” // stream. Not heard in a long time! (JJR-WI)
- 590 KCSJ CO Pueblo – 12/26 0330 – Poor. Rising up briefly in weird echo created by two slightly-out-of-sync C2C feeds (theirs and presumed KSUB’s) coming out of segment into “KCSJ news update” by male with a lead story on holiday travel troubles due to canceled airline flights. New! 1 kW at 726 miles. (SB-CA)
- 590 WROW NY Albany – 12/23 2225 – Poor, through WKZO, KXSP and another. Mentions of ‘NYU’, ‘NY Covid #s’, ‘help’ PSA. “. . . 100.5” OLDies. (JJR-WI)
- 600 KSJB ND Jamestown – 12/23 0815 – “KSJB AM 600 and 100.1 FM” asking for requests by text. “701-575-XXXX”. Poor, but atop. (JJR-MI)
- 600 CKAT ON North Bay – 12/26 1744 – “North Bay’s Number One for Country – Country 600” between songs. Poor, but no WMT etc. (JJR-MI)
- 630 WLAP KY Lexington – 12/22 0705 – 1205 – “You’re listening to America’s First News here on News Radio 630, WLAP”, then back to feed. Parallel way behind station stream. (TK-FL)
- 630 CHED AB Edmonton – 12/18 0824 – Ad for ‘Volvo of Edmonton’. “Alberta’s Morning News on 6-30 Ched” followed by Time Check. Poor, as WREY weak. (JJR-MI)
- 640 WBIN GA Atlanta – 12/27 1741 – Very poor, with WOI nulled, and through WMFN. A shocker! BIN noted. Only affiliate on channel. Formerly WGST. (JJR-WI)
- 640 WCRV TN Collierville – 12/30 1732 – Poor, with Bott Radio, and a “Germantown” mention in promo. No WMFN at all! (JJR-WI)
- 650 KGAB WY Orchard Valley – 12/31 1848 – Poor, but steady in WSM null, with interview program // stream. “Best of . . . “?. (JJR-MI)
- 660 KTNN AZ Window Rock – 12/12 0359 – IDs for KTNN and KKNS Corrales, then chanting song in presumed Navajo. Very good. Arizona #6. (MJ-QRO)
- 660 WXIC OH Waverly – 12/17 2200 – Fair-to-good, with Gospel music. ID mentioned 95.9 and Waverly, into Fox News. (KDF-IL)
- 680 WCNN GA North Atlanta – 12/31 2023 – Georgia Bulldogs vs Michigan Wolverines in the Orange Bowl, // web. Poor, though atop. (JJR-MI)

600_{CKAT}
COUNTRY

- 680 WDBC MI Escanaba – 12/31 2029 – Very poor- “WDBC” jingle shout after song. Very poor . . . WCNN weak and CJOB in back. (JJR-MI)
- 680 WMFS TN Memphis – 12/23 0018 – ESPN spew, “92-9 ESPN” and “92-9, Memphis’s Sports Station” liners. Some local spots inserted in ad break. Very good level. **First time log.** (TK-FL)
- 680 KKYX TX San Antonio – 12/29 1815 – ‘Desperado’ by the Eagles. “KKYX” into possible traffic. Poor, though alone. Not heard in a long time. JJR-WI
- 680 WOGO WI Hallie – 12/24 1734 – Poor, but atop, with calls, a “103.1 FM” mention, and Dr. Sebastian Gorka. After fade, CJOB in. (JJR-WI)
- 690 WQNO LA New Orleans – 12/23 0042 – EWTN Catholic programming: man interviewed, stating “I probably wouldn’t be here if not for my mother”. Well, duh. (TK-FL)
- 690 WNZK MI Dearborn Heights – 12/23 0806 – “9-11 AM on WNZK . . . 248-557-XXXX to call us here . . .”. Poor. (JJR-MI)
- 690 KFXN MN Minneapolis – 12/23 2224 – Very poor, but Hmong chanting was cutting through easily. Usually, never heard at night! Rare! (JJR-WI)
- 690 KSTL MO St. Louis – 12/31 1838 – Very poor w/a strong CKGM. Black GOS, Jubilee 690 after 2 songs. (JJR-MI)
- 720 WGST GA Hogansville – 12/22 0740 – “720 The Voice” slogan and back to local newscaster. In WGN co-channel. (TK-FL)
- 740 KMZN IA Oscaloosa – 12/22 0914 – With ‘Oh Sherry’ by Journey into Iowa news headlines. Ad with 641 area code. Poor, with CFZM fading. Rare! (JJR-MI)
- 740 KTRH TX Houston – 12/29 1818 – Very poor with CFZM very weak, but “KTRH” said twice. A nice treat! (JJR-WI)
- 750 CKJH SK Melfort – 12/10 2300 – “CKJH AM, 750 AM, Melfort . . . We are Saskatchewan’s Beach Radio”. Thanks to Tim Tromp for his invaluable help in IDing this one. Poor, in WSB fade. **Saskatchewan #2.** (MJ-QRO)
- 760 KCCV KS Overland Park – 12/27 1725 – ‘J. Vernon McGee’. The current TTB website shows KCCV as affiliate. Poor – no sign of WJR. (JJR-WI)
- 770 WTOR NY Youngstown – 12/22 0834 – With ETHnic content. No sign of WABC and KUOM not in. Assumed. Poor. (JJR-MI)
- 790 WAYY WI Eau Claire – 12/23 0800 – Very poor, with Legal ID for the AM and their 105.1 translator followed by a newscast. Rare! (JJR-MI)
- 800 WSHO LA New Orleans – 12/23 0121 – Urban Ministries block ends with URL, and “Keep it right here on the Praise & Worship Channel” (Moody network). (TK-FL)
- 800 CJAD QC Montreal – 12/23 0730 – Poor, with “CJAD 800, All News 8:30 to 9 . . .”. (JJR-MI)
- 800 CHAB SK Moose Jaw – 12/30 0803 – ‘DiscoverMooseJaw.com’ in newscast. Poor, though atop and alone. (JJR-WI)
- 810 WHB MO Kansas City – 12/11 2200 – “You’re listening to the most powerful sports station in the country, Sportsradio 810, WHB Kansas City”. Good, for **Missouri #2.** (MJ-QRO) [There’s a debatable claim!! -Ed.]
- 810 CKJS MB Winnipeg – 12/22 0831- Very poor, as I just flipped from 820 to 810 to hear “CKJS.” WJJQ and WHB nulled. Luck! (JJR-MI)
- 830 WMMI MI Shepherd – 12/22 0909 – “Buck 92” between C&W songs. Poor, with WCCO phased. (JJR-MI)
- 870 WTIM IL Assumption – 12/14 1722 – Strong signal, with “New Country 104.1” mention, Taylorville ads, and University of Illinois sports promo. (KDF-IL)
- 880 WMEQ WI Menominee – 12/24 1558-59 – Good, with Christmas music and brief ID. (NB-WI)
- 910 KGME AZ Phoenix – 12/12 0359 – Legal ID and Fox Sports programming. Poor with KRIO. **Arizona #7.** (MJ-QRO)
- 910 WEPG TN South Pittsburg – 12/29 1728 – Poor, but steady, with “104.9 The River” at beginning and end of stationn promo. Alone. JJR-WI
- 930 WFAT MI Battle Creek – 12/20 0823 – “Greatest Hits play here: 102.7 the Fat One”. Poor, but alone. (JJR-MI)
- 930 KSDN SD Aberdeen – 12/23 0808 – South Dakota news stories, including county and Aberdeen references. Poor, but steady and alone. (JJR-WI)
- 940 WIDG MI Saint Ignace – 12/31 0927 – Relevant Radio chatter. Poor, with much closer WFAW in back. (JJR-WI)
- 940 WCPC MS Houston – 12/27 1727 – Poor, with REL . . . and how to donate. Calls heard. With several others. (JJR-WI)



- 940 WNRG VA Grundy – 12/27 1728 – Very poor, while listening to WCPC, heard a clear “Grundy, Virginia”. This has not been heard in years! (JJR-WI)
- 940 CJNV QC Montreal – 12/23 0757 – Dionne Warwick song (I’m thinking WFAW). But then (in FF): “CJNV. . . Montreal” from a very upbeat host. Poor and alone, with no WIDG all morning. (JJR-WI)
- 950 KOEL IA Oelwein – 12/24 1700 – Poor, with Legal ID, ABC News at :00, followed by an ad, and “The best in Country music”. Nothing great, but no WNTD or WWJ. (JJR-WI)
- 950 WERL WI Eagle River – 12/31 1928 – Mark Levin, “Freedom Talk 101.7”. Very poor through WNTD . . . no WWJ. (JJR-MI)
- 970 KVWM AZ Show Low – 12/17 0759 – Dual legal ID for KVWM and KDJI, then Fox News followed. Rough copy in QRM. (JW-CO)
- 970 WMAY IL Springfield – 12/26 1831 – Poor, with songs by Sammy Johns and the Turtles, then a ‘WMAY News Feature’. Strongest on the frequency. (JJR-WI)
- 970 WGTK KY Louisville – 12/19 0701 – Local weather, disclaimer into ‘The Commonwealth Matters’ political right-wing syndicated program pretending to be Christian, with a Kentucky R-Congressman interviewed. (TK-FL)
- 970 KCFO OK Tulsa – 12/23 0700 – “AM 970 KCFO Tulsa” ID, then into ‘Through the Bible’ program. Generally fair. (JW-CO)
- 970 WDUL WI Superior – 12/19 0855 – Poor, with “. . . on CBS Sports Radio” followed by Legal ID at Top-of-Hour. WDAY was weak, along with someone with an Open Carrier. Rare! (JJR-MI)
- 980 KCAB AR Dardanelle – 12/19 0728 – ‘Suddenly Last Summer’ by The Motels then “From the EAB Weather Center . . .” [East Arkansas Broadcasters per Googling -- thinking I was mis-hearing and it was really a phonetically fitting “CAB” -- but not] with lows tomorrow in the 20s, highs in the 40s, into ‘Angel’ by Aerosmith and Eurythmics with ‘Winter Wonderland’, then ad string including the ‘Mountain Valley Resort and Spa’. Liner for “Bob 97-1” slogan and “. . . Merry Christmas from all of us at River Valley Radio”. Their website .gif hotlink logo for KCAB still states outdated News/Talk format, and (WARNING!) when clicked on, the link is hijacked to a ChiCom porn site with thumbnail Asian girls. To think, in the old days, the worst peril of DXing was dropping a remote antenna in rattlesnake-infested palmetto brush. Despite that, **first time log**. (TK-FL)
- 980 WYFN TN Nashville – 12/19 0752 – Soft, non-secular Christmas vocals and instrumentals. Man: “This is WYFN, Nashville” into SRN News as KCAB kinda fades. A legal ID. Imagine that. (TK-FL)
- 980 WYFN TN Nashville – 12/31 1858 – Very poor, though “WYFN Nashville” cut through a few others. WONE not in at all. (JJR-MI)
- 980 CJME SK Regina – 12/20 0822 – “Local in the morning. Greg Morgan on 980-CJME”. Best of day. Downhill after this. Poor. [also: 12/30 0800 – Poor, though atop. “News, Talk, Sports, 980 CJME, a Rawlco Radio Station”. (JJR-MI)]
- 990 KAYL IA Storm Lake – 12/29 1727 – Poor, but nice fade up through 1747! SS: ‘Juan’ slogan among chatter noted. (JJR-WI)
- 990 WGSO LA New Orleans – 12/31 1900 – Very poor, with “New Orleans” and “. . . welcome to New Orleans”. Sounded like a // TV news. (JJR-MI)
- 990 WNML TN Knoxville – 12/30 1408 – Pregame commentary about Music City Bowl. Poor signal but enough to recognize the Volunteers Network. (MN-KY)
- 990 WNML TN Memphis – 12/29 1722 – Non-stop talk of Tennessee sports. Fair, with no CBW! (JJR-WI)
- 990 CBW MB Winnipeg – 12/30 0755 – Discussion about Covid-19, then CBC News at 0800. Included weather for Winnipeg and promotions for upcoming shows on CBC Radio. Promoted interview with Canadian Olympic gold medalist in Decathlon at Tokyo Olympics Damian Warner. Good signal until fade out at 0807. **First time** to log a Canadian station other than from Ontario. (MN-KY)
- 1000 KTOK OK Oklahoma City – 12/23 0200 – ID into Fox News. WMVP co-channel. (TK-FL)
- 1010 KSIR CO Brush – 12/30 0800 – PSA for ‘Fatherhood.gov’, Legal ID, then “Farm Radio 1010” into ABC News. Poor, but alone. (JJR-WI)
- 1010 WKJW NC Black Mountain – 12/30 0844 – Giving web address, ‘Amazing Grace’ by Dolly Parton into Bible verses. Poor, but alone. (JJR-WI)
- 1010 WHIN TN Gallatin – 12/31 0842 – “100.7 WHIN 1010 AM” after song, into morning chatter. Poor. (JJR-WI)



- 1020 KCKN NM Roswell – 12/23 0806 – Poor, but steady with SS REL. Lost to KDKA later. Assumed. (JJR-MI)
- 1050 KJBN AR Little Rock – 12/20 0730 – Urban Contemporary Gospel, clobbered by semi-local WJSB, Crestview, Florida’s day power up from 0733 (simulcasting WAAZ-FM’s C&W audio and IDing as such), though threshold underneath for a couple minutes. **First time log, at 1000 Watts day power. (TK-FL)**
- 1060 WILB OH Canton – 12/20 0821 – Bible reading, then mention of “Living Bread Radio”. Poor, with KYW in back. (JJR-MI)
- 1060 WQMV TN Waverly – 12/20 0740 – In briefly, with ‘Party Doll’ by Buddy Knox, live man ID and into ‘Frosty the Snowman’ by the Beach Boys. Parallel website song scroll display. **Another first time log, also on 1000 watts day power. (TK-FL)**
- 1070 KHMO MO Hannibal – 12/26 1851 – Poor, with NewsTALK and how media reports news and calls. No WTSO and CKDO nulled. (JJR-WI)
- 1070 WCSZ SC Sans Souci – 12/28 1858 – Poor, but easy to hear tonight, with ‘La Jefa’, lively SS music. WTSO, others nulled. (JJR-WI)
- 1080 WKJK KY Louisville – 12/20 0802 – CBS News and CBS This Morning promos in lack of advertisers fill, back to CBS Radio News, iHeart Radio promo then “. . . right here on Talk Radio 10-80 . . . now, the voice of your Wildcats . . .” into local morning drive host. (TK-FL)
- 1080 WWNL PA Pittsburgh – 12/26 1656 – Very poor with Baptist services, Pittsburgh references at end. In WNWI null. No call heard. (JJR-WI)
- 1090 KEXS MO Excelsior Springs – 12/18 1801-02 – Fair, with clear mention of ‘Catholic Radio Network’. (NB-WI)
- 1100 KFNX AZ Cave Creek – 12/12 0359 – Message about an Arizona hospital, then “The Pulse of Arizona” and call ID. Poor. Arizona #8. (MJ-QRO)
- 1110 WJML MI Petoskey – 12/19 0200 – Top-of-Hour ID for “WJNL” and several affiliated stations, into CBS Sports. (SD-MN)
- 1110 WGNZ OH Fairborn – 12/31 1658 – Program promotional announcement by Jason Richardson for “Sign of the Times, Saturday afternoons at 4 p.m.”, followed by a Top-of-Hour ID: “This is WGNZ, 1110 on the AM dial and 104.3 FM”. (SD-MN)
- 1130 WBBR NY New York – 12/11 0159 – “Bloomberg Radio” and “From the financial capital of the world, broadcasting across the globe, this is . . .”. Poor but clear during KWKH dead air. New York #3. (MJ-QRO)
- 1150 WLOC KY Munfordville – 12/30 1213 – Fox News at 1114. Storm damage information in Alabama, followed by song ‘High Lonesome Sound’ by Vince Gil. Fair signal. (MN-KY)
- 1190 KSVS KS Beloit – 12/16 0757 – School lunch menu and ads. Legal ID at Top-of-Hour, followed by ABC News. Fair signal; should have been on 90 watts night power, but probably wasn’t. (JW-CO)
- 1190 WMEJ MS Bay Saint Louis – 12/26 1853 – Poor, but with a weak WOWO, this is easy to hear. “104.3” noted at 1853, followed by an announcements by a woman @ 1853, then a man @ 1856. GOS music followed. (JJR-WI)
- 1190 WSDQ TN Dunlap – 12/27 1802 – Poor, as WOWO was weak again today, allowing C&W and LID for “99.3 and 1190”, and into ‘ABC News Now’. (JJR-WI)
- 1190 CFSL SK Weyburn – 12/16 0750 – Weather (currently -22C), ads, C&W music, “AM 1190” slogans. Frequent mentions of ‘discoverweyburn.com’. Good peaks, with semi-local KVCU off the air. (JW-CO)
- 1210 WPHT PA Philadelphia – 12/11 0205 – “B101.1 is now Philly’s official Christmas station”. Briefly good, over KGYN. State #29. (MJ-QRO)
- 1220 WSLM IN Salem – 12/21 1659 – Poor, with ID and into SRN (‘Salem’ -natch) News. (NB-WI)
- 1230 KFJB IA Marshalltown – 12/15 0100 – Came through with Top-of-Hour AM-FM ID. Rare here. (KDF-IL)
- 1230 WMQU MI Grayling – 12/22 0938 – Relevant Radio cutting through others. Poor, but atop a bit. Only fit. Rare. (JJR-MI)
- 1230 WSOO MI Sault Saint Marie – 12/23 1856 – Very poor, but tunes by Billy Joel and Fleetwood Mac, plus “AM 1230 WSOO” (music on AM!) cut through. (JJR-WI)
- 1230 KMRS MN Morris – 12/18 0839 – “KMRS . . . sounds of the season on KMRS”. Poor, with others. (JJR-MI)
- 1240 KSUE CA Susanville – 12/7 2059-2101 – Poor. Briefly rose up enough to copy “12-40, News, Talk, and Sports . . .” by female followed by ID by male: “News, Talk, Sports . . . AM 12-40, KSUE, Susanville”. **New! 1kw at 515 miles. (SB-CA)**

- 1250 KNEU UT **Roosevelt – 12/7 0200-0203** – Fair, rising up out of the mix, with a Country tune by Chris Cagle followed by ID by male: “This is Classic Country, FM 93.5 and AM 12-50, your station in the Basin for the best country music of your lifetime, KNEU, Roosevelt, Vernal, Dushesne (pronounced ‘du-Shane’)” and back to more Country music. **New!** Listed at 129 Watts nights at 572 miles. **(SB-CA)**
- 1270 WWCA IN **Gary – 12/29 0831** – Relevant Radio chatter. Poor, but alone. This is unusual, along with a bunch of other 1270s in, though no WMKT, etc. **(JJR-WI)**
- 1270 WXYT MI **Detroit – 12/23 1800** – Poor, with national ads galore, then “The Bet 12-70” is WXYT and WXYT-HD Detroit”. **(JJR-WI)**
- 1270 WMPM NC **Smithfield – 12/29 1735** – Poor, with “AM 1270 and 94.3 WM . . M” after R&B oldies. Alone! Shocked! **NEW, for #2509!** **(JJR-WI)**
- 1270 WLIK TN **Newport – 12/23 2043** – “Smokey’s Oldies – WLIK Newport, Tennessee” between two songs. Alone, but basically poor. **(JJR-WI)**
- 1270 KFLC TX **Benbrook – 12/10 2359** – Unclear call ID and “. . . Dallas-Fort Worth, doce setenta AM es Tu DN Radio, vivimos tu pasión”. Poor, for Texas #85. **(MJ-QRO)**
- 1280 WGBF IN **Evansville – 12/20 1805-08** – Good, with Purdue basketball show. **(NB-WI)**
- 1300 WRDZ IL **La Grange – 12/22 0825** – Polish language with “Chicago” said twice. Poor – no WOOD or KGLO. **(JJR-MI)**
- 1300 WNQM TN **Nashville – 12/31 0900** – Poor, but steady and alone, with Legal ID and then REL. No sign of usual WOOD. **(JJR-WI)**
- 1310 WJUS AL **Marion – 12/30 0743 – 1243** – Black female: “WJUS 94 point 3 FM” into Urban vocal. **(TK-FL)**
- 1310 WAFN AL **Somerville – 12/30 0813** – ‘Modern Love’ by Bowie then male liner “Fun Radio is online at Fun927.com”. This one is Classic Hits format and simulcasts 92.7 WAFN-FM (1,150 watts). And their website indicates they also remain simulcasting on W285EN 104.9 Priceville. Ex-WKZD since Nov. 29 (per Wiki: Somerville Baptist Church sold WKZD to Fun Radio Group of North Alabama for \$85,000; the new owners converted the station to WAFN, simulcasting its WAFN-FM 92.7). **(TK-FL)**
- 1310 WPCH GA **West Point – 12/30 0738** – Spot for ‘Kenny Knox Tires’ in Valley, Alabama, then “. . . back to Fox Sports 1310 The Game”. A super small sliver of West Point is a geographic anomaly, located on the west side of the otherwise Alabama- Georgia Chattahoochee River divide, and nearby Valley, Alabama defacto rebels, seceding to occupying Georgia by refusing to honor Central Time. **(TK-FL)**
- 1320 KRLW AR **Walnut Ridge – 12/23 2037** – Poor, with “Oldies 1320” in null of possible WILS. 1970s OLDie (can’t read my own scribble! Yikes!) **(JJR-WI)**
- 1320 KELO SD **Sioux Falls – 12/17 1818** – Phone number given so FAST, couldn’t copy! 210-???-2153. Unreal, even after listening 10 times! NewsTalk 1320 and 107.9”. Poor. **(JJR-MI)** [The 210 Area Code is in and around San Antonio, Texas. That must have been a national ad – Ed.]
- 1330 WKTA IL **Evanston – 12/23 2244** – SS // stream. Alone, but very poor through the top of the hour. This is never in at night, much less ever. Despite closeness, rare! **(JJR-WI)**
- 1330 WTRX MI **Flint – 12/24 1728** – With (Michigan-based) “The Huge Show” (sports content). Poor, but alone. Rare. **(JJR-WI)**
- 1340 WSOY IL **Decatur – 12/20 1800-01** – Very poor, with ID dug out of the mud. **(NB-WI)**
- 1350 WARF OH **Akron – 12/31 0200** – Top-of-Hour ID: “1350 the Gambler, WARF, Akron, an I-Heart Radio Station” into Fox Sports. **(SD-MN)**
- 1350 WPDR WI **Portage – 12/31 0100** – Top-of-Hour ID: “AM 1350 WPDR Portage”. This was recently reported to be changing calls to WEZY, but apparently not yet. **(SD-MN)**
- 1370 WLOP GA **Jesup – 12/27 1706** – Spot for ‘Smart Physical Therapy’ in Jesup, back to sports net feed. WTAB slowly invading. **(TK-FL)**
- 1370 WGHN MI **Grand Haven – 12/29 0847** – Very poor, hearing ‘Hanky Panky’ and “Oldies 94-9” into stop-set. This is NEVER heard here, though on my drives to Racine it is picked up in truck. Rare! **(JJR-WI)**
- 1380 WMJR KY **Nicholasville – 12/31 1750** – With Relevant Radio. Poor – thoughtsolid and steady. Best I’ve ever heard them. **(JJR-MI)**
- 1390 WHMA AL **Anniston – 12/26 0722** – Live read by older man plugging a church in nearby Iron City, into gospel vocals. Some WMER co-channel. **(TK-FL)**
- 1400 KCYK AZ **Yuma – 11/8 0900** – Checking back over November recordings – with local KESQ apparently off, copied Top-of-Hour ID out of mix with “AM 14-hundred, KCYK, Yuma” by male into Classic Country music mix. **New.** 1 kW at 125 miles. **(SB-CA)**



- 1400 WIEL KY **Elizabethtown** – 12/30 1219 – ESPN Radio’s “Greeny Show” with female guest host. Discussion about NFL and in particular the Green Bay Packers. Fair signal. (MN-KY)
- 1400 KSHP NV **North Las Vegas** – 11/8 0858-0905 – Checking back over November recordings – with local KESQ apparently off, this was noted in the mix with KCYK with an ad by female with mention of “. . . locations in downtown Summerlin (a community within metro Las Vegas)”, and mentions for the program airing “You’re listening to the Sports Byline, USA Broadcast Network” and “. . . Fred Long, join me at 10 PM Pacific time every Friday night”. The program schedule on their web site confirms show time and day and KSHP is listed as an affiliate on the Sports Byline USA website. New. 1 kW at 182 miles. (SB-CA)
- 1410 WNWZ MI **Grand Rapids** – 12/14 1714 – Good signal before power cut, with hip hop and “Magic 104.9 ID”. (KDF-IL)
- 1410 KOOQ NE **North Platte** – 12/31 1909 – “70s, 80s, 90s – 98.1 and 1410 AM” after a Cranberries song. Poor, with WIZM weak or gone. (JJR-MI)
- 1420 WCOJ PA **Coatesville** – 12/26 1811 – EWTN promos and “Holy Spirit Radio”. Poor, though alone, no KTOE. NEW! for #2508! (JJR-WI)
- 1440 WIBU IL **Paris** – 12/23 1747 – Poor, with an ad for ‘??? Automotive’, Area Code 812 given, followed by ad for ‘Century 21’ and “Tell your smart speaker to play (co-owned //) WIBQ”. No WROK or WNFL. (JJR-WI)
- 1440 KCHE IA **Cherokee** – 12/19 0811 – “KCHE Community Calendar” then ad including “. . . 201 South Fifth Street, Cherokee or phone 712-XXX-XXXX”. Very poor. (JJR-MI)
- 1440 WMAX MI **Bay City** – 12/14 1800 – Fair with ID, mentioned “WMAX 1440, Ave Maria Radio”. Heard many years, and many formats, ago. (KDF-IL)
- 1440 WZYL TN **Cowan** – 12/28 1832 – Song ends, into ad for ???, then weather with numerous Tennessee mentions. Forecast: wind to 60 mph, T-Storms. Poor. (JJR-WI)
- 1450 KWHW OK **Altus** – 12/10 0703 – Weather report “. . . on KWHW Radio”. Fair with KCTI. 1551 km/864 miles. Oklahoma #7. (MJ-QRO)
- 1460 KDWA MN **Hastings** – 12/20 0905 -“KDWA Radio, since 1963 . . . AM 1460, FM 97.7”. Poor -no sign of KXNO. (JJR-MI)
- 1460 WRKB NC **Kannapolis** – 12/29 1756 – Spot for “Brothers Tires, 1216 N. Main St. in Kannapolis” then multi-station ID for WRNA, WRKB and two translators. **First time log.** (TK-FL)
- 1470 WQXL SC **Columbia** – 12/26 0806 – Man with traffic sponsored by ‘Palmetto Citizens Federal Credit Union’, into weather. Nice to have the channel unblocked again after WMGG ceased their MA-3 all-digital nonsense. Now if only I can revisit that unidentified Mexican. (TK-FL)
- 1490 WRLA GA **West Point** – 12/31 0725 – Man: “. . . Troup Country . . . on Troup FM” into classic C&W. FM is presumably 92.3 W222CT. No functioning link, just a redirect to 98.9 WTRP-FM Classic Rock, though even that is Error 404 on the audio. Troup is in reference to Troup County. (TK-FL)
- 1490 KJIN LA **Houma** – 12/29 0759 – Long PSA for a Veteran service members organization. Man: “. . . 104 point 7 Jamz, KJIN” and promo for upcoming “. . . Best of... Morning Show, right here . . .”. **First time log.** (TK-FL)
- 1490 WTIQ MI **Manistique** – 12/28 1719 – Poor in fade up, with “. . . on the Maverick” and C&W. Neither 1490 nor 98.5 was said. (JJR-WI)
- 1490 KDBM MT **Dillon** – 12/19 0052 – “KDBM” ID by male announcer just as I tuned in, then Adult Standard version of ‘Let It Snow, Let It Snow, Let It Snow’, as Christmas music in their normally C&W format. Soon faded into mix of KCID with female Spanish (religious) talk and normally dominant CJSN. (JP-AB)
- 1490 KOVC ND **Valley City** – 12/18 0923 – Weather, then “. . . for more, see NewsDakota.com.” KOVC jingle. Poor, through others. (JJR-MI)
- 1500 KCLF LA **New Roads** – 12/11 0201 – Classic Blues and legal ID. Poor with XEDF either off or inaudible. Louisiana #9. (MJ-QRO)
- 1500 KSTP MN **St. Paul** – 12/10 2359 – ESPN programming and weak call ID. Poor, with XEDF. Stronger later, but no ID. State #28. (MJ-QRO)
- 1520 WHOW IL **Clinton** – 12/31 1738 – Very poor, though “WHOW” popped through many others. KOLM not strong. (JJR-MI)
- 1520 WLAK WI **New Holstein** – 12/18 0832 – “Weather from WGBW and WLAK”. Gary Puckett (“68) Oldie. Poor in KOLM fade. (JJR-MI)



- 1540 KEDA TX San Antonio – 12/22 2120+ – Fading in and out, with high-energy male announcer doing a lo-o-ong (about three minutes) ad for a New Year’s Eve concert (emphasis on ‘December 31st’) naming several acts. Then another male with other announcements alternating in English and Spanish. Their daytime pattern throws around 4 kW this way, but the nighttime pattern doesn’t favor the north-northeast at all. So . . . so no telling what rig they were on (methinks day). Not there during daylight hours. Lot’s of SS QRM. **First-timer here**, thanks to KZMP being silent. **(BH-TX)**
- 1550 KDCC KS Dodge City – 12/26 0659 – Fox Sports program note, followed by legal ID and Fox News. Fair. **(JW-CO)**
- 1550 WEVR WI River Falls – 12/18 1622-24 – Strong, with local weather and obituaries, mentioning towns near River Falls. **(NB-WI)**
- 1560 WBYS IL Canton – 12/23 1926 – Very poor, hearing bits of Country songs, and “. . . the new 94-1 BYS”. Local WGLB off! Thought I had this previously, but did not! **NEW!** **(JJR-WI)**
- 1560 WMBH MO Joplin – 12/23 1946 – Poor, with “. . . football Sunday, Monday and Thursday Nights on Fox Sports Joplin” in promo. Local WGLB off. **(JJR-WI)**
- 1560 WMBH MO Joplin – 12/15 0743 – Joplin area ads, ID as “Fox Sports Joplin”. Missed Top-of-Hour ID. Needed for a call change – last heard as KQYX. **(JW-CO)**
- 1560 KTUI MO Sullivan – 12/23 1838 – “94.1” in TALK programming. Legal ID, USA News at Top-of-Hour. Very poor, with local WGLB off! **(JJR-WI)**
- 1560 KGOW TX Bellaire – 12/15 0800 – Vietnamese chatter to Legal ID: “You’re listening to Viet Radio on KGOW 1560 AM Bellaire-Houston, Texas”, followed by the Vietnamese national anthem. Fair-to-good in QRM. **(JW-CO)**
- 1560 KGOW TX Bellaire – 12/23 1924 – Very poor with local WGLB OFF! . . . but ETHnic (Vietnamese) was cutting through the many others (C&W, Christmas music, Talk, Religion and Sports) I was hearing. **(JJR-WI)**
- 1570 WLKD WI Minocqua – 12/29 0750 – Fair signals on top, with “Music Box Dancer”, then full ID. Not new, but quite rare. **(SMA-MB)**
- 1580 WWSJ MI Saint Johns – 12/23 2234 – Poor, with “. . . on Joy 1580 and 100.3 FM” out of nowhere through dominant CKDO. Has never been in at night . . . ever! **(JJR-WI)**
- 1580 WLIJ TN Shelbyville – 12/31 0848 – Very poor . . . but thought I heard Shelbyville twice. A ‘931’ Area Code, in ad confirmed it. Over CKDO, along with others. **(JJR-WI)**
- 1590 WPVL WI Platteville – 12/30 0851 – Poor, with “. . . game presented by Meyers Heating and Cooling of Lancaster on AM WPVL . . .”. **(JJR-WI)**
- 1600 WAAM MI Ann Arbor – 12/20 0830 – “On Wam! Talk 1600”, and gone as fast! Poor, through WRPN. **(JJR-MI)**
- 1600 WAAM MI Ann Arbor – 12/29 1728 – Pause in ‘Joe Pags Show’ for spot to encourage listeners to advertise on “WHAM” Radio, with the number 734-971-1600 given. Into Bottom-of-Hour ID by female: “WHAM Radio 1600 AM and 92.7 FM”. **(SD-MN)**
- 1600 KATZ MO St. Louis – 12/26 1738 – Very poor, in KGYM’s tight null. “Hallelujah 1600.” **(JJR-WI)**
- 1600 WULM OH Springfield – 12/25 0744 – Very poor, with talk of “God” and “Creation”. Through KGYM. // Radio Maria stream. **(JJR-WI)**
- 1660 KQWB ND West Fargo – 12/18 0119-0126 – Poor, with brief not-as-poor peaks well under KBRE’s hard rock music mix, with a spot that mentioned “material handlers” and “right here in Fargo” followed by the North Dakota State University Bison football post-game show “live from Traditions Restaurant and Bar” which is located in West Fargo. NDSU did just win their FCS national semifinal football game earlier that evening. Not new, but actually a better copy than previously reported. 1 kW at 1,377 miles. **(SB-CA)**
- 1660 KRZI TX Waco – 12/22 2334 – ESPN babble, with XEFCR het/dominating a few Hz up. **(TK-FL)**
- 1690 WVON IL Berwyn – 12/10 2300 – “You are listening to the Buchanan and Seaton Show on WVON AM 16-90, the Talk of Chicago”. **Very good, for Illinois #5. (MJ-QRO)**

[THE 910 CHALLENGE]

(Open for all who care to contribute)

- MC-GA Mike Cooper, Stone Mountain, Georgia NRD-515 with 200’ wire to northeast
- 910 WTMZ SC Dorchester-Brentwood – Presumed, with talk show into 1655 spot cluster including “Auto glass free mobile service” (Goose Creek, South Carolina) with phone number ‘843-569-3300’. Couldn’t make any ID at 1700. **(MC-GA)**

910 WJCW TN Johnson City – 12/15 0800 – Heard ID then Fox News in jumbled mess. MC-GA)

[THE 1440 CHALLENGE]

(Open for all who care to contribute)

JR-OK John Reed KA5QEP, Shawnee, Oklahoma Receiver: Rohde & Schwarz ESH3 Test Receiver, antennas: ferrite tuned loop (23" bundle of 3 smaller stacked rods), Clifton Labs active whip. Quantum Phaser

John muses: "This is not a good frequency for me, since a local station, KGFF at 1450 is located about 1/4 mile from me. USB interference on 1440 is huge! However with a good receiver, LSB comes in fair. Here are some catches:

1440 KEXB TX University Park – 12/22 1400 – Very weak daytime signal under strong interference from KGFF. Religious talk with Relevant Radio ID. Only heard with the ESH3.

1440 WGEM IL Quincy – 12/23 2200 – Sports talk with call ID. I hear this station every day, with a strong signal. There are many other stations closer with similar power, but this one seems to have the strongest signal.

1440 KMAJ KS Topeka – 12/24 0800 – Fair signal with farm news and call ID. Heard mainly in the morning or early evening.

The next frequencies for the CHALLENGE are: **860 kHz** and **990 kHz**. Let's make it a Canadian Clear, of old, challenge. For those of you who only receive the print edition, there are no deadlines. But, be reasonable. So spend some time on **860** and **990** and see what sneaks in under all the noise, clutter, etc. And then REPORT! Suggest a frequency, if you will.

Unreported Domestic Stations

No stations on our unreported list – that is, U.S. and Canadian broadcast stations (100 Watts or more) that have not been reported to DDXD since at least Volume 67 (1999-2000) – appear in DDXD this issue. We did come close, though, with WFTN-1240 being reported for the first time since Volume 67 Issue 2! So we will hold with 242 stations on the list. The most recent update of the list was in issue 88-18, but an updated copy is available on request from NRCDXNews@gmail.com.

NRC AM Radio Log – 42nd Edition



The National Radio Club, the World's Oldest and Largest Broadcast Band DX Club is proud to announce the publication of the 42nd edition of the *AM Radio Log*. The *AM Radio Log* is a source for information on AM Radio Stations in the United States and Canada. The *Log* contains 304 pages of individual station data and cross references and an additional 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. Reference lists include State/Provinces in frequency order, listings of regional groups of stations in the groups section and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

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MEMBER/NON-MEMBER Canada Price US\$44.60 Global Priority Mail

MEMBER/NON-MEMBER outside US/Canada Price US\$55.75 Global Priority Mail

(Prices subject to changes if USPS raises the postage!)

From the Publisher: No room for this on page one due to two (2!) DX tests to announce, which is always a good thing! This issue may be a bit late; we lost power here for most of the day during the Jan. 3 snowstorm when I was supposed to be putting this issue together. We're holding several feature articles for upcoming issues. Best New Year wishes to all of our members! – DY

International DX Digest

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For loggings of stations outside the U.S. and Canada

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. DEC 31 2200 – Fair to poor, with BBC Radio 5 Live ID by female at the hour, then man reading the news. Carrier was strong, but modulation a little low. Quick weather update at 2203 then promo for future programming on BBC 5 Live. [Taylor-PE]
- 720 **GREENLAND** *Kalaallit Nunaata Radioa*, Simiutaq DEC 31 2159 – Good, with man talking, music sounder, then what sounded like a large group chat and laughter with a musical choir act in local indigenous language at 2200 that lasted for about two minutes. Then a group song with accordion accompaniment. [Taylor-PE]
- 909 **UNITED KINGDOM** *BBC Radio 5* synchros DEC 31 2200 – Fair, with BBC Radio 5 Live ID by female at the hour, then man reading the news, leading with Omicron. Slightly better copy compared to parallel 693 kHz. [Taylor-PE]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JAN 1 0000 – Fair, with 2022 New Year's countdown to the top of the hour. Then peals of bells followed by Auld Lang Syne. [Taylor-PE]
- 1386 **LITHUANIA** *R.Baltic Waves*, Viesintos JAN 1 2010 – Fair on peaks, with slow music and singing. Thanks to Allen Willie in Newfoundland for the tip. [Taylor-PE]
- 1413 **MOLDOVA** *Vesti FM*, Grigoriopol DEC 31 2200 – Fair to poor, over/under RNE; time pips then news/talk in Russian. [Taylor-PE]
- 1458 **UNITED KINGDOM** *Lyca Radio*, London DEC 28 2201 – Fair to poor, in WOPG slop, with some audio but not intelligible until a South Asian song with female vocal showed by at 2203, rising in strength until the end of the capture at 2204. Heard again an hour later with rapid fading. [Taylor-PE]
- 1521 **SAUDI ARABIA** *SBC R.Riyadh*, Duba DEC 28 2159 – Fair at first, with slow Middle Eastern music and female singer, then gradual drop in signal over the following few minutes to an unremarkable level. [Taylor-PE]
- 1548 **MOLDOVA** *TWR* Grigoriopol JAN 1 1934 – Fair to good on peaks, with man reading deliberately in presumed Romanian (by schedule). Music break at 1940 with slow male vocal hymn. Strongest TA station at this early opening in the afternoon. [Taylor-PE]

Transatlantic carrier search: DEC 22 0409 – Earlier than usual for me so a somewhat different selection, and tuning downwards; 1584(2), 1566, 1458, 1215, 1161, 1152, 1125(2), 1107, 963, 855-2, 846(TP), 837, 774(2), 711, 693, 684, 612, 531 kHz. 846 presumed TP Kiritimati, almost sundown there already. 1566 suspected TWR Benin. 1584 has low-power Euro/ME only, perhaps most likely 2 x 5 kW SER in Spain and/or another SER in Ceuta. DEC 26 0715-0721 – 549, 558, 612, 639, 684(2), *693, 747, 774(2), 837(2), 846(TP), 855, 882(2), 909, 954, 999, 1044, 1053(2), 1089, 1107(2), 1215(2) kHz. *strongest. (2) means at least two carriers beating – some slow, some faster. Maybe I should time them and compare to mwoffsets. [Hauser-OK]

PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María DEC 27 0459 – Fair to good, over *R.Rebelde*; slow piano music playing through the hour and then applause. Eventual ID of "Radio Enciclopedia" over *Rebelde* national anthem in the background. Short guitar sounder and then female announcer followed by more music. [Taylor-PE]
- 530 **CUBA** *R.Rebelde*, Caribe//Guantánamo-Antiguo DEC 27 0502 – Poor, audible under *R.Enciclopedia*; Cuban national anthem about two minutes late. Not bad for listed power of 1 kW. [Taylor-PE]
- 540 **MEXICO** XEHS *La Mejor*, Los Mochis, Sin. DEC 12 0859 – "La Mejor" slogan and MST time check; poor under XEWA; Sin. #5. [Jeziorski-QRO]
- 550 **COLOMBIA** HJHF *R.Nacional*, Marinilla DEC 27 0459 – Good, well over WPAB Puerto Rico; male announcer ID at 0459, and a promo for their New Years Eve programming on *R.Nacional*. [Taylor-PE]
- 560 **CUBA** *R.Rebelde*, Ciego de Avila DEC 27 0502 – Poor, under WGAN; two-minute-late Cuban national anthem parallel 530 kHz. [Taylor-PE]



- 580 **PUERTO RICO** WKAQ San Juan DEC 27 0459 – Fair, under CFRA; familiar high energy male announcer and telltale sounders, into up-tempo female vocal pop song. [Taylor-PE]
- 590 **CUBA** *R.Musical Nacional*, La Julia
- 590 **CUBA** *R.Rebelde*, Guantánamo-Berene DEC 27 0502 – Poor, inaudible at the top of the hour with WEZE and VPCM dominant but popped up with two-minute-late national anthem parallel other stations and was unmistakable. [Taylor-PE]
- 600 **COLOMBIA** HJHJ *R.Libertad*, Barranquilla DEC 27 0501 – Poor, in jumble of at least three Latin-American stations; fairly clear male with “¡Radio Libertad!” [Taylor-PE]
- 600 **CUBA** *R.Rebelde*, San Germán-Urbano Noris DEC 27 0502 – Fair, rising to good on top of Latin American jumble. No domestics in sight. Out of delayed national anthem with male voice over music bed: “¡Rebelde la Habana, emisora de la revolución!” [Taylor-PE]
- 610 **CUBA** *R.Rebelde*, Bueycito//Cienfuegos-Malecón//Guane DEC 27 0502 – Poor, in the jumble, but clear with Cuban national anthem 2 minutes late parallel other catches at the same time. [Taylor-PE]
- 620 **CUBA** *R.Rebelde*, Colón DEC 25 0357 – ID’ed as *R.Rebelde*, la Habana. Characteristic 3 notes repeated 3 times between news items. “Cuba del Monde” and many mentions of Cuba. Fair, occasionally over WVMT Vermont in null of local WSNR New Jersey. Recorded. [Brodsky-NY]
- 630 **CUBA** *R.Progreso*, Camagüey-Isábel Hortensia DEC 27 0459 – Fair, even with WUNO San Juan; Cuban national anthem a minute before the top of the hour. [Taylor-PE]
- 630 **PUERTO RICO** WUNO San Juan DEC 27 0500 – Started fair, but rose to good through the SDR capture; many mentions of “¡Uno!” with contact numbers and talk show clips. DEC 31 2200 – Fair, out of ad package with full ID at 2201 including phone numbers. [Taylor-PE]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo DEC 27 0459 – Good, over CBN; Cuban national anthem a minute before the top of the hour, parallel 630 kHz. [Taylor-PE]
- 650 **CUBA** *R.Progreso*, Ciego de Avila DEC 27 0459 – Fair, over CBGA; Cuban national anthem early, parallel 630 and 640 kHz. [Taylor-PE]
- 670 **CUBA** *R.Rebelde*, multiple sites DEC 27 0500 – Good, but a mess of unsync’d transmitters with up to 2-seconds variance. Started with party-type amateur-sounding chorus singing, ending with applause. Then, two minutes late parallel the other Rebelde stations, clear with the interval signal sounding chimes and the Cuban national anthem. [Taylor-PE]
- 690 **CUBA** *R.Progreso*, Santa Clara//Santiago de Cuba DEC 27 0459 – Fair, under CKGM Montreal; Cuban national anthem a minute before the top of the hour, parallel 630, etc. [Taylor-PE]
- 710 **CUBA** *R.Rebelde*, multiple sites DEC 27 0500 – Fair, under WOR with many unsync’ed transmitters causing a tinny echo effect. Two minutes late parallel the other Rebeldes, the chimes and the Cuban national anthem. [Taylor-PE]
- 750 **CUBA** *R.Progreso*, Palmira DEC 27 0459 – Fair, under WSB; Cuban national anthem a minute before the top of the hour, parallel 630, etc. [Taylor-PE]
- 760 **COLOMBIA** HJAJ, RCN, Barranquilla DEC 27 0500 – Good, little sign of WJR; man and woman reading news/information. Then mentions of “Radio punto com” (not noted here before), and eventual frequent mentions of *RCN Radio* into “Nocturna” overnight programming. [Taylor-PE]
- 760 **MEXICO** XEABC Los Reyes de la Paz, Edo.Méx. DEC 23 0600 – Choral anthem begins, instrumental ‘Jingle Bells’ snip, XEABC ID, ‘Jingle Bells’ snip again, under WJR. 690 XEN started the anthem two minutes earlier. [Krueger-FL]
- 820 **CUBA** *R.Reloj*, Ciego de Avila DEC 27 0501 – Poor, under WNYC BBC news; classic “RR” in Morse code every minute. [Taylor-PE]
- 840 **CUBA** unID DEC 27 0459 – Poor to fair, suspecting *Doblevé*, but no readable ID. Over WHAS; Cuban national anthem not parallel to either the Progreso or Rebelde transmitters elsewhere. Then into pop ballad song. [Taylor-PE]
- 900 **CUBA** *R.Progreso*, San Germán-Urbano Noris DEC 27 0459 – Fair, in domestic jumble; Cuban national anthem a minute before the top of the hour and right into music, parallel 630, 750, etc. [Taylor-PE]
- 910 **CUBA** *R.Cadena Agramonte*, Camagüey-Tagarro JAN 2 0659 – Fair to poor, little interference from domestics; extended play of Chan Chan through the top of the hour, male with spoken ID at 0703:11, then back into more music. [Taylor-PE]
- 910 **VENEZUELA** YVRQ, RQ 910 AM Caracas JAN 2 0400 – Good, over Cuba and domestics; out of guitar and vocal music with ID by male and mention of “República Bolivariana de Venezuela,” Caracas, then a choral rendition of the (multiverse) Venezuelan national anthem. Timed recording ended before the anthem did. [Taylor-PE]

- 960 **CUBA** *R.Reloy*, Guantánamo-La Piña DEC 27 0501 – Fair to poor, under domestic sports; classic time clicks and “RR” in Morse code every minute. [Taylor-PE]
- 970 **MEXICO** XESW *R.Madera*, Cd. Madera, Chih. DEC 20 0302 – ID’s for AM and FM; poor under XERFR; Chih. #10. [Jeziorski-QRO]
- 990 **CUBA** *R.Guamá*, Pinar del Río-Politécnico DEC 27 0459 – Fair to poor under CBY; unmistakable Cuban national anthem on the top of the hour. Only Cuban I can see listed on 990 kHz. [Taylor-PE]
- 1070 **CUBA** *R.Guamá*, Guane DEC 27 0501 – Poor under CHOK and WTIC IBOC hash, listening on USB and caught perfect parallel to 990 with national anthem lined up exactly. [Taylor-PE]
- 1180 **CUBA** *R.Rebelde*, multiple sites DEC 27 0459 – Excellent, completely destroying WHAM, which faded to nothing at the top of the hour for about 60 seconds, leaving only the Cuban powerhouses. The chimes and anthem remained well on top of Rochester throughout the SDR capture. [Taylor-PE]
- 1260 **MEXICO** XEJAM *La Voz de la Costa Chica*, Santiago Jamiltepec, Oax. DEC 10 1205 – Late sign-on with amateur choral anthem (maybe elementary school students?), slogan, and mention of ranchera and norteña music; good under XEL; Oax. #8. [Jeziorski-QRO]
- 1290.3 **BRAZIL** ZYH888 *R.Timbira do Maranhão*, São Luís DEC 27 0459 – Presumed, matching mwoffset list as the only one this far off. Not much copyable audio in WKBK slop, but clear copy of a 2-note chord for about 13 seconds exactly at 0501:44 followed by high energy male announcer and at least one mention of Brasil, then a siren sound effect a few seconds later. [Taylor-PE]
- 1310 **MEXICO** XEGRT *Radio y Televisión de Guerrero*, Taxco, Gro. DEC 10 1203 – Slogan and call ID; poor; Gro. #6. [Jeziorski-QRO]
- 1470 **MEXICO** unID DEC 31 1159 – Threshold choral anthem under WRGA. Still here, last heard in the summer but impossible due to WMGG MA-3 all-digital noise, which has now been turned off. Suspect it’s XEAI. [Krueger-FL]
- 1550 **CUBA** *R.Rebelde*, multiple sites DEC 17 0359 – Fair to good, with multi-delayed latent sounders from up to 6 separate transmitters at 04:01:11, parallel 1620 kHz. [Taylor-PE]
- 1550 **MEXICO** XEREL *Sintonizamos el Pasado Con Tu Presente*, Morelia, Mich. DEC 20 0215 – Romantic music, slogan, and mentions of Michoacán; fair-good; Mich. #14. This station was quite weak when I visited Morelia in July, so perhaps they have improved their signal. [Jeziorski-QRO]
- 1620 **CUBA** *R.Rebelde*, La Habana-El Sapo//Amancio//El Coco//Guantánamo-Antiguo DEC 17 0359 – Fair, mostly on top with music into talk by female, with mentions of Cuba, then telltale sounder at 04:01:11, quite late. [Taylor-PE]
- 1660 **PUERTO RICO** WGIT *Faro de Santidad*, Canóvanas DEC 23 0434 – Lively merengue/bachata-style vocals, then emphatic Spanish preacher from 0445, male slight reverb “Faro de Santidad... de dios” slogan ID, parallel farodesantidad.com stream. Peaks at very good level; must wonder if not on day power. [Krueger-FL]
- 1670.05 **MEXICO** XEFCR Reynosa, Tamps. DEC 23 0718 – Still here and on the high side with nonstop pop oldies ‘Broken Wings’ by Mr. Mister, ‘Hopelessly Devoted to You’ Olivia Newton-John, ‘Your Love’ by The Outfield. Some peaks almost equal to otherwise dominant WMGE. [Krueger-FL]
- 1700 **MEXICO** XEPE *Heraldo Radio*, Tecate BC DEC 31 0620-0628 – “I Can’t Tell You Why” by The Eagles was the first of the continuous U.S. rock hits from the 1980s. First splitter was just two Spanish words by a female speaker placed in the instrumental bridge after the first verse of the second song. Second splitter was at 0626:30 between the second and third songs, voiced by a male speaker, with two of the words sounding like *Heraldo Radio*. All alone with strongest signal SSW. In past DX seasons, KBGG was usually all alone, though XEPE appeared from time to time. [Pearkins-AB]

TRANS-ATLANTIC DX

- 1570 **HAWAII** KUAU Haiku DEC 31 0629 – XERF was totally buried to the south/southwest by a male English speaker, but only later did I realize it was probably KUAU Hawaii. JAN 1 0803 – Checked again and male English speaker was now strongest southwest but much weaker than the night before. Heard “Radio” then a word or two, then what sounded like “Armed Forces”, but still suspect KUAU. [Pearkins-AB]

CONTRIBUTORS

Linda Brodsky, Malverne NY; C.Crane Skywave SSB, Sangean PR-D5, RSPDx.
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 IC-R75 with ~100-ft east/west long wire.

Terry L Krueger, Niceville FL; IC-R75, NRD-535, ICF-7600GR, active loop, random wire, misc. junk.
 Jon Pearkins, Edmonton AB; CCRadio-2E barefoot on batteries.
 Brent Taylor VY2HF/W1PJ, Stratford PE; SDR Play RSPdx, KiwiSDR, Wellbrook ALA1530 Loop.

INTERNATIONAL NEWS

CZECHIA: Radio reception on medium wave (MW) and long wave (LW) has been history in many parts of Europe for years. Now, in the Czech Republic, at least the public broadcaster stopped transmitting on MW and LW at the start of the new year. The powerful transmitters on the frequencies **270, 639 and 954 kHz** are off. The reason given for the move was the widespread availability of terrestrial digital radio DAB+ and the high costs of broadcasting. Those still listening using medium waves were to be persuaded to switch with a campaign. The radio station *Cesky Rozhlas* set up a telephone hotline to answer questions. It was not known at first whether the transmitters would be retained or used for other purposes. The antenna of the medium-wave transmitter Liblice B east of Prague is considered the highest structure in the Czech Republic, with a height of 355 metres. *R.Cesky Impuls*, (**981 kHz**) the most-listened to private radio station, wants to remain faithful to medium wave for the time being. It broadcasts its second programme, with pop and country music, on analogue transmission. [Deutsche Presse-Agentur GmbH via Mike Terry, NRC Facebook Group] Confirming the closedown of **270 kHz, 954 kHz and 1017 kHz**. Still on air: *R.Dechovka* on **792 kHz**. [Nils Düwel, mediumwave.info]

JORDAN: Here is some good news. When other stations are going down, another are reactivating their transmission. *Radio of Jordan* is reactivated on **612 kHz**, from 1st of January, and sounds clear, better than it was in a past. [Alexei Lubich, Israel, mediumwave.info]

MEXICO: The IFT has denied the sale of 1260 XEL to *Esne Radio*. It is reported that Esne will look for another station to lease in Mexico City, and XEL will revert to *La Comadre* branding/format, if it hasn't happened already. [Tim Hall, NRC Facebook Group]

73 and Good DX!

OCTOBER-NOVEMBER 2021 BORDER INN DXPEDITION

Tim Hall

(Continued from last week)

Pan-American DX

- 1220 **MEXICO** XEB *La B Grande*, México, DF OCT 31 1157 – Under KHTS; nice program of older Mexican music, children's choral version of Mexican anthem. 1632 miles. Relog.
- 1250 **MEXICO** unID OCT 31 1200 – End of adult choral version of Mexican anthem. This would seemingly be needed XETEJ, but I can't find a parallel on 1080 or 1600 because conditions were so poor this morning.
- 1260 **MEXICO** XEL *Radio La Guadalupeana*, México, DF OCT 30 0158 – Noted often this weekend with Esne Radio Spanish Catholic programming. Full ID at top of hour included call letters, power (35 kW), and slogans "Radio Católica" and "Radio La Guadalupeana-Esne." OCT 31 1200 – They now run what seems to be the full (4:40) children's choral version of the Mexican anthem starting slightly before 6:00 a.m. local time. I caught it in progress at the top of the hour. It ended almost 3½ minutes after the top of the hour, at which time they rejoined the Esne Radio feed parallel 1670 KHPY. 1631 miles. Relog.
- 1300 **MEXICO** XEP *R.México Nuestras Noticias*, Cd. Juárez, Chih. OCT 31 1203 – Over KVET; older Mexican music, "Radio México Nuestras Noticias" slogan, and fast adult choral version of Mexican anthem followed by full ID. 668 miles. Relog.
- 1420 **MEXICO** XEXX *TuDN Deportes*, Tijuana, BC OCT 31 1200 – Under KTAN and KMOG; long string of *TuDN Deportes* promos. 481 miles. Relog.
- 1440 **MEXICO** XEEST *Ondas de Vida*, México, DF OCT 31 0504 – On top of channel with children's choral version of Mexican anthem which ran past the end of my recording (0507 UTC). XEEST is the last surviving Mexican station on 1440 AM. They were on my morning recording (1200 UTC, reflecting Mexico's return to standard time) with the same anthem. 1626 miles. Relog.
- 1460 **MEXICO** XEYC *R.Fórmula Juárez*, Cd. Juárez, Chih. OCT 31 1157 – *R.Fórmula* promo's and 970 XERFR ID (unlike many *R.Fórmula* affiliates, XEYC is usually pretty good about covering the network ID with their own ID) and children's choral version of Mexican anthem. 660 miles. Relog.



- 1470 **MEXICO** XERCN, RCN 1470, Tijuana, BC OCT 31 1157 – Paid religious program, “RCN 1470,” and disclaimer about the next paid program. 482 miles. Relog.
- 1470 **MEXICO** XEAI *R.Fórmula*, México, DF OCT 31 1157 – *R.Fórmula* programming including children’s choral version of Mexican anthem (one verse). 1627 miles. Relog.
- 1500 **MEXICO** XEDF *R.Fórmula*, México, DF OCT 31 1157 – Under KSTP; *R.Fórmula* programming including children’s choral version of Mexican anthem (one verse). 1626 miles. Relog.
- 1550 **CUBA** *R.Rebelde*, multiple locations OCT 29 0401 – Chimes and Cuban anthem parallel 530, 1180, etc. Relog.
- 1560 **MEXICO** XEJPV, *W Radio*, Cd. Juárez, Chih. OCT 31 1200 – Appeared suddenly under KNZR and KGOW; fast adult choral version of Mexican anthem and *W Radio* programming. 666 miles. Relog.
- 1620 **CUBA** *R.Bayamo*, Bayamo OCT 30 0107 – Under Rebelde and KSMH; airing a slow version of the *R.Granma* chimes. I have heard this before on at least one other station in Granma province. Relog.
- 1620 **CUBA** *R.Rebelde*, multiple locations OCT 29 0401 – Chimes and Cuban anthem parallel 530, 1180, etc. Relog.
- 1630 **MEXICO** XEUT *Radio UABC*, Tijuana, BC OCT 30 0156 – Last few minutes of a very nice jazz program. This frequency is a lot more listenable given the recent format change at KVAM. 479 miles. Relog.
- 1660 **PUERTO RICO** WGIT *Faro de Santidad*, Canóvanas OCT 28 1001 – Spanish preaching faded up over KBRE and KQWB. 3197 miles. Relog.
- 1700 **MEXICO** XEPE *Heraldo Radio*, Tecate, BC OCT 31 1200 – Still running the children’s choral version of the Mexican anthem (at 6:00 a.m. Central time) from the *Heraldo Radio* feed. Slogan “Heraldo radio 98.5 FM.” Non-ID gave the frequency and power (100 kW) of the originating FM station in Mexico City. 480 miles. Relog.

Transpacific DX

- 531 **JAPAN** JOQG, *NHK1*, Morioka (presumed location) OCT 29 1242 – After hearing NHK time pips on some of my top-of-hour recordings (OCT 28 1400 and OCT 29 1000), I finally caught a bit of audio (female announcer) parallel 594 kHz. This was surely the 10 kW outlet in Morioka, right on the main beam of my antenna, as opposed to the much more distant 1 kW outlet on Okinawa. New, Japan #14.
- 558 **unID** OCT 29 1258 – Male announcer, probably in Korean, with long 880Hz tone at the top of the hour. This was almost certainly unneeded HLQH, which has been recorded as running a single long 880Hz tone at the top of the hour in recent years.
- 567 **JAPAN** JOIK, *NHK1*, Sapporo OCT 29 1259 – Poor with NHK pips and *NHK1* programming. Not as good as they usually are during these nice TP openings. Relog.
- 567 **SOUTH KOREA** HLKF, *KBS*, Jeonju (presumed) OCT 28 1357 – Female announcer in Asian language, not parallel NHK1 on 594 (which was coming in nicely with a male announcer in Japanese parallel 666 kHz). NHK/KBS 440/880 Hz pips on the hour, which would seem to indicate this was South Korea, still needed here. New, South Korea #7.
- 585 **unID** OCT 29 0959 – 3 (or more?) + 1 time pips, 440/880 Hz. Probably the 10 kW *NHK1* outlet, still needed here.
- 594 **JAPAN** JOAK, *NHK1*, Tokyo OCT 28 1357 – Fair with male announcer in Japanese, NHK pips at top-of-hour. Relog.
- 603 **unID** OCT 29 1300 – Long 880Hz tone at the top of the hour, seemingly parallel 558 but I could not pull up any additional audio on either channel. This was almost certainly needed HLSA.
- 612 **unID** OCT 29 1000 – Top-of-hour long time tone, 880 Hz. Possibly preceded by 440Hz pips. Probably the 100kW *NHK1* outlet, still needed here.
- 621 **NORTH KOREA** *Pyongyang Broadcasting System*, Chongjin OCT 28 1259 – North Korean-style 3+1 time pips (550 and 1100Hz). New, North Korea #3.
- 648 **unID** OCT 28 1259 – 3+1 time pips, 440/880 Hz. Probably the 5 kW *NHK1* outlet, still needed here.
- 657 **NORTH KOREA** *Pyongyang Broadcasting System*, Kangnam OCT 28 1359 – North Korean-style 3+1 time pips (550 and 1100Hz). Relog.
- 666 **JAPAN** JOBK, *NHK1*, Osaka OCT 28 1357 – Weak signal with male announcer Parallel 594 and NHK pips at the top of the hour. Relog.
- 675 **unID** OCT 28 1100 and OCT 29 1000 – Top-of-hour long time tone, 880 Hz. Possibly preceded by 440Hz pips. Low power NHK and KBS stations are listed on this channel.



NHKラジオ第1

- 693 **JAPAN** JOAB, *NHK2*, Tokyo OCT 29 1259 – Poor with NHK pips and NHK2 programming. This one was also much weaker than usual this year, but this was largely due to the signals being sloppier than normal. Relog.
- 702 **JAPAN** JOKD, *NHK2*, Kitami (presumed) OCT 29 1259 – Very weak with NHK pips. Relog.
- 702 **NORTH KOREA** KCBS, Pyongyang (tentative) OCT 29 1259 – I seemed to have the KCBS station very weak with 3+1 pips, higher pitch (550/1100 Hz) than, and about ½ second ahead of, the NHK/KBS stations. Couldn't find any audio to prove that they were parallel 819 kHz. This would be a new catch if I could positively ID it.
- 711 **SOUTH KOREA** HLKA, *KBS*, Seoul OCT 28 1158 – Poor but fairly steady signal with woman in presumed Korean possibly reading news, and *KBS* 3+1 time pips on the hour. Relog.
- 711 **unID** OCT 29 1259 – Musical chimes (minor arpeggio) under HLKA time pips.
- 720 **NORTH KOREA** KCBS, Kanggye OCT 29 1259 – Fighting through KFIR; KCBS 3+1 pips (550/1100Hz) parallel 819 kHz. New, North Korea #4.
- 720 **unID** OCT 28 1000 – 880Hz top-of-hour time tone.
- 738 **unID** OCT 28 1158 – Chinese or Japanese music briefly in well. No time pips at top of hour. Female talking after top-of-hour. 150 kW station in Jilin, China seems a good possibility, as my antenna is aimed at northeastern China, Japan, and North and South Korea.
- 747 **JAPAN** JOIB, *NHK2*, Sapporo OCT 28 1240 – Fair-good with English lessons parallel 774, 828 and NHK pips at top of hour. Relog.
- 774 **JAPAN** JOUB, *NHK2*, Akita OCT 28 1259 – Good signal with English lessons and NHK pips. Armchair copy at times this morning. The carrier was often as strong as KKOB. Relog.
- 819 **NORTH KOREA** KCBS, Pyongyang OCT 29 1259 – Poor with 3+1 pips, 550/1100 Hz (higher pitch than the NHK/KBS stations). The previous morning, they were in for much of the morning with a nice signal running the usual patriotic music. Relog.
- 819 **unID** OCT 29 0959 – 3+1 time pips, 440/880 Hz, way under KCBS higher-pitch time pips. Probably the 5kW *NHK1* outlet, still needed here.
- 828 **JAPAN** JOBB, *NHK2*, Osaka OCT 28 1240 – Fair-good with English lessons and NHK pips at top of hour. Audio was noted throughout the morning. Relog.
- 846 **unID** OCT 29 1400 – Long 880Hz top-of-hour tone.
- 855 **unID** OCT 28 1059 – 3+1 time pips, 800/1600Hz. Presumably China CNR/CRI based on the pitches used, but they normally use 5+1 pips. The only 2 Chinese stations listed on 855 are in the western part of the country. Possibly CNR2 in Xinjiang province, NW China.
- 855 **unID** OCT 28 1300 – Long 880Hz top-of-hour tone.
- 864 **unID** OCT 28 1359 – 3+1 time pips, 440/880 Hz. Presumably South Korea, logged here in the past.
- 873 **JAPAN** JOGB, *NHK2*, Kumamoto OCT 28 1159 – Poor with NHK pips and NHK2 programming. Weaker than usual this year. Relog.
- 891 **unID** OCT 29 0959 and OCT 29 1259 – NHK/KBS 3+1 time pips (440/880 Hz). No audio noted. Most likely the 250 kW *KBS* regional station or the 20 kW *NHK1* station, both still needed.
- 891 **unID** OCT 28 1400 – 1-second 880Hz pip at top of hour.
- 900 **CHINA** (unknown location) OCT 29 1359 – Weak signals with CNR/CRI-style time pips (5+1 800/1600 Hz), two seconds later than the other Chinese stations audible at this hour. Two Chinese stations have already been logged on this channel with these time pips, so I'm guessing this is a relog.
- 909 **JAPAN** JOCB, *NHK2*, Nagoya (location presumed) OCT 29 1359 – Poor but steady with NHK time pips. Some audio noted earlier. Relog.
- 945 **CHINA** CNR1, Jiaohe, Jilin OCT 29 1359 – CNR chimes as heard previously on this frequency. Noted parallel 981 whenever both were coming in. Relog.
- 963 **unID** OCT 28 1159 and OCT 28 1359 – Long 880Hz top-of-hour tone noted frequently here during the 2 good TP mornings. Best guess would be the *KBS* stations. I don't think I hear any 440Hz short pips before the long pip.
- 972 **SOUTH KOREA** HLCA, *KBS*, Dangjin OCT 29 1259 – Poor signal with *KBS* 3+1 time pips. Good audio at times. Relog.
- 981 **CHINA** CNR1, Changchun, Jilin OCT 29 1359 – Good audio with woman talking in Chinese parallel 945 kHz. CNR/CRI-style time pips (5+1 800/1600 Hz). Relog.
- 1017 **CHINA** CRI, Changchun, Jilin OCT 29 1400 – *CRI* theme music, also noted on 1323 kHz at this hour. New, China #13.
- 1017 **unID** OCT 29 1000 – Top-of-hour long time tone, 880 Hz. Possibly preceded by 440Hz pips.
- 1026 **unID** OCT 29 1000 – Top-of-hour long time tone, 880 Hz, very weak.

- 1071 **unID** OCT 29 1259 – 3+1 NHK/KBS-style (440/880 Hz) time pips getting clobbered by 1070 KNX slop. This was almost certainly the 20 kW *NHK1* station in Hiroshima, still needed here.
- 1116 **CHINA** *CNR2*, Harbin, Heilongjiang OCT 29 1259 – Finally caught CNR (800/1600 Hz) time pips here after hearing Chinese talk the previous morning. I have almost always had at least a carrier here during good TP openings. New, China #16.
- 1134 **JAPAN** *JOQR, Bunka Hoso*, Tokyo OCT 28 1159 – Female announcer in Japanese, with trademark chimes on top of time pips at the top of the hour. There seemed to be a second station running the same (440/880 Hz) time pips a split second ahead of them, which would likely be the *KBS3* station I still need. New, Japan #15.
- 1134 **unID** OCT 29 0957 – Poor but faded up with sedate classical piano music, then weak NHK/KBS-style (440/880 Hz) 3+1 time pips at the top of the hour. Probably the *KBS3* station, but I could not find a parallel. I almost always have a strong carrier on 1134 when TP conditions are good.
- 1134 **unID** OCT 29 1358 – Sedate talk by female announcer, and NHK/KBS-style (440/880 Hz) 3+1 time pips at the top of the hour. Again, most likely the *KBS3* station, still needed here.
- 1170 **SOUTH KOREA** *HLSR, KBS World Radio*, Gimje OCT 29 0956 – Fair signal under *KTSB*; nice audio, 3+1 time pips and theme music at top of hour. Noted several times during the 2 good TP mornings. *NNW* wire knocked down *KLOK* very nicely. New, South Korea #6.
- 1179 **unID** OCT 29 1000 – Carrier appeared suddenly a few seconds before the top of the hour. Male voice was noted very briefly between all the 1180 *KOFI* slop.
- 1188 **unID** OCT 28 1200 – Top-of-hour long time tone, 1000 or 1020 Hz.
- 1188 **unID** OCT 29 1000 – Top-of-hour long time tone, 880 Hz. Possibly preceded by 440Hz pips.
- 1197 **unID** OCT 29 1000 – Top-of-hour long time tone, 880 Hz.
- 1206 **CHINA** Yanbian, Jilin (presumed) OCT 28 1400 – Chinese or Korean talk and music. Relog.
- 1215 **CHINA** *CNR*, Shenyang, Liaoning (presumed location) OCT 28 1359 – CNR/*CRI*-style time pips (5+1 800/1600Hz). The next morning I had some audio of a female announcer possibly parallel 981, 1251 kHz. New, China #15.
- 1224 **unID** OCT 29 0959 – Top-of-hour long time tone, 880 Hz, almost a second earlier than most other stations.
- 1242 **unID** OCT 28 1300 – Top-of-hour long time tone, 880 Hz. This was probably a relog of *JOLF*, but I'm not sure I can hear the "cuckoo" pips leading up to the top-of-hour tone.
- 1251 **CHINA** *CNR1* (unknown location) OCT 28 1359 – CNR/*CRI*-style time pips (5+1 800/1600Hz) followed by male announcer. OCT 29 1358 – Female announcer in Chinese parallel 981, so definitely *CNR1* as opposed to *CRI*. New, China #14.
- 1287 **JAPAN** *JOHR, Hokkaido Hoso (HBC)*, Sapporo OCT 28 1159 – Top-of-hour long time tone (880 Hz) and fairly high-pitched female announcer in Japanese. Their top-of-hour tone was noted almost every time TP conditions were decent. New, Japan #13.
- 1296 **unID** OCT 28 1159 – Seemed to be two stations mixing here, one with 880Hz long time tone possibly preceded by a few 440 Hz short tones, and another one slightly out of synch with short pips higher than 440 Hz. The 440/880 pips could be by the 10 kW *NHK1* outlet.
- 1296 **unID** OCT 29 0959 – Top-of-hour long time tone, 880 Hz, about 3 seconds earlier than most other stations.
- 1323 **CHINA** *CRI* (multiple locations – surely the 600kW in Huadian, Jilin, or the 200 kW in Shuangyashan, Heilongjiang, as these are the 2 provinces most commonly logged here) OCT 28 1300 – Finally caught the *CRI* interval signal here after having a strong carrier on this channel during just about every previous TP opening. New, China #12.
- 1368 **unID** OCT 28 1159 – Seemed to be two stations mixing here, one with short time pips around 440Hz like a Japanese or South Korean station (possibly one of the 10 kW *NHK2* outlets?) and the other with short time pips around 800Hz like a Chinese station. No long tone noted for either.
- 1557 **CHINA** *CNR1* (unknown locations) OCT 28 1159 – Two stations with CNR/*CRI*-style time pips (5+1 800/1600Hz), a split second apart. Must be two of the new *CNR1* "jammer" transmitters that appear to have been launched to block *R.Taiwan* (whose 440/880 Hz pips were barely audible underneath). New, China #17 and #18.
- 1557 **TAIWAN** *R.Taiwan International*, Kohou OCT 29 1359 – Female announcer, instrumental theme, and 3+1 440/880Hz time pips as heard at home recently. This station suddenly seems to be getting heard by people all over the place. New, Taiwan #1, country #23.
- 1566 **SOUTH KOREA** *HLAZ, FEBC*, Jeju OCT 28 1258 – *FEBC* Japanese service, with man talking in Japanese with fair signal, followed by a female announcer after the top of the hour. Relog.



1593 CHINA CNR1, Changzhou, Jiangsu OCT 28 1359 – Bits of audio and very clear strong 5+1
CNR1 time pips (800/1600 Hz). New, China #11.

73, Tim



Join the NRC Facebook Group
<https://www.facebook.com/groups/210104603155267/>

Treasurer's Report

From NRC Treasurer Dick Truax, here is the NRC financial statement for fiscal year 2020-21. The statement from fiscal year 2019-20 is included for comparison.

Income Statement

	<u>2020-2021</u>	<u>2019-2020</u>
Membership Dues	13,348.52	11,948.63
NRC Domestic Log	10,450.50	9,144.78
Pattern Book	1,054.30	1,181.35
Antenna Books	324.60	129.45
Reprints	712.21	563.63
EDXN	3,765.00	2,900.00
Loop Manual	193.55	193.55
Beverage Manual	21.90	79.60
Dangerfield Auction	1,310.13	0.00
Other Donation	0.0	67.24
Total Income	31,164.36	26,150.53

Expense Statement

	<u>2020-2021</u>	<u>2019-2020</u>
<i>Printing</i>		
Bulletin	9,146.94	8,821.21
NRC Domestic Log	2,964.48	2,833.59
Antenna Books	127.12	137.97
Pattern Book	290.31	207.29
Reprints	272.19	132.65
Total Printing	12,801.04	12,132.71
<i>Postage</i>		
Bulletin	4,086.85	3,680.15
Sales	3,712.53	3,247.83
Administrative	405.60	289.77
Total Postage	8,204.98	7,217.75

Administrative

	2020-2021	2019-2020
Info purchase	125.00	100.00
Supplies	184.76	60.72
Miscellaneous	297.76	734.95
DXAS Digitization	0.00	3,134.00
Total Administrative	607.52	4,029.67
Total Expense	21,613.54	23,380.13

Statement of Income

	<u>2020-2021</u>	<u>2019-2020</u>
Income (all sources)	31,164.36	26,150.53
Bulletin/Publishing Costs		
Beginning Inventory	597.16	639.10
Printing	12,801.04	12,132.71
Postage	8,204.98	7,217.75
Less ending inventory	-931.26	-597.16
Net Costs	20,671.92	19,392.081
Operating Profit (-Loss)	10,492.44	6,758.13
Administrative Expenses	607.52	4,029.67
Net Profit (-Loss)	9,884.92	2,728.46

Balance Sheet

	<u>2020-2021</u>	<u>2019-2020</u>
<i>Assets</i>		
Inventory	931.26	597.16
Cash	62,719.06	52,973.94
	63,650.32	53,571.10
<i>Liabilities</i>		
Deferred Dues	-6,518.22	-5,714.55
Net Worth	57,132.10	47,856.55

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MEMBERSHIP RENEWALS

Don't forget that your subscription expiration date is on the back cover. Renewals go to NRC Headquarters, P.O. Box 473251, Aurora CO 80047-3251. Rates are on the back page. Order publications at the same time – only one check is necessary.

Musings of the Members

Linda Brodsky zekesgm@gmail.com

Non-electronic submissions: Send to Publisher (see AM Switch for address)

Next deadline: January 14, 2022

Adam Grose – AZ

Hello all...

I hope everyone had a Merry Christmas, and that Santa was good to each of you. I have been away from the Club for a couple of years. In that time, I have moved from our house to a small apartment. This means that I am no longer able to have an outdoor antenna. This makes DXing kind of a challenge. But not to fear ... I am able to access the online SDR receivers at websdr.org. Most of the time, I use one of their SDRs up in Utah (in the Salt Lake City area, I believe). The logs I will be submitting will be logged as if I was there, at the SDR (in Utah), instead of here in Arizona. We will see what I come up with. Best wishes to all for a Blessed and Prosperous New Year. And may there be peace Adam Grose.

Linda Brodsky, Malverne, NY

The past two weeks reminded me how much “location, location, location,” a popular term in real estate sales, applies to as much or more to DXing. As I mentioned in my last Musing, I’m making an effort to participate in the weekly DX Frequency Challenge. The week the target frequency was 620 kHz, I was staying in NJ not far from WSNR and I didn’t have my magnetic loop or my ferrite loop antennas with me. I returned to Malverne before that week was up and with the help of the loop antennas managed to grab R. Rebelde, Havana and WVMT, Burlington VT. This past week the target was 1240 kHz and that had me wishing I was in NJ rather than at home in Malverne. WGBB, Freeport is only 7 miles away and no matter what receiver, antenna or combination of antennas I used, I could not find a null. I suggested to Larry Van Horn that I might merit an award for reporting the closest station :-). Wherever I am next weekend, I’m looking forward to the upcoming KJJR test and hoping the tones and CW make it through local powerhouse, WCBS.

DX Toolbox

Shawn Axelrod, 30 Becontree Bay, Winnipeg R2N 2X9 (Canada) amandx@mymts.net

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 140.

Ye olde editor would like to apologize for the misnumbering of the last column as 141. It should have been 140 so this time we will go back to 140 and make the next one 142 so settle back in order.

I am hoping that the year 2022 is a good one for all of my readers and their families. The last two years have been less than normal to say the least. So I hope that 2022 is filled with normality, health and happiness for all of you as well as some really good DX.

Here is a bit of a Christmas novelty. Go to this URL:
<https://www.facebook.com/6RCIradio/>

This is the Facebook page for 6RCI Christmas Island Community Radio Station.



Bits and Bites from the NRC Listserv

From: Rick Dau

Re: Sixty Years on the Air

Nice story here on a gentleman on KWMT 540 that I’ve been listening to since the summer of 1988. Thanks to Kevin Redding for passing this along on the ABDX listserv.

<https://www.messengernews.net/news/local-news/2021/10/60-years-on-air/>

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Radio History Revisited

Historic National Radio Networks—Part Three, ABC

Kenneth D. MacHarg

From the organization of the first true radio networks in the late 1920s, broadcasting in the United States was dominated by two companies, CBS and RCA's NBC. Prior to NBC's 1926 formation, RCA had acquired AT&T's New York station WEAJ (later WNBC, now WFAN). With WEAJ came a loosely organized system feeding programming to other stations in the northeastern U.S. RCA also took control of a second such group, fed by Westinghouse's WJZ in New York. These were the foundations of RCA's two distinct programming services, the NBC "Red" and NBC "Blue" networks. Legend has it that the color designations originated from the color of the push-pins early engineers used to designate affiliates of WEAJ (red pins) and WJZ (blue pins).

After years of study, the Federal Communications Commission in 1940 issued a "Report on Chain Broadcasting." Finding that two corporate owners (and the cooperatively owned Mutual Broadcasting System) dominated American broadcasting, this report proposed "divorcement," requiring the sale by RCA of one of its chains. NBC Red was the larger radio network, carrying the leading entertainment and music programs. In addition, many Red affiliates were high-powered, clear-channel stations, heard nationwide. NBC Blue offered most of the company's news and cultural programs, many of them "sustaining," or unsponsored. Among other findings, the FCC claimed RCA used NBC Blue to suppress competition against NBC Red. The FCC issued a ruling that "no license shall be issued to a standard broadcast station affiliated with a network which maintains more than one network." NBC was forced to sell one of its networks, choosing to sell NBC Blue.

RCA found a buyer in Edward Noble, owner of Life Savers candy and the Rexall drugstore chain. The sale closed on October 12, 1943. The new network, known simply as "The Blue Network," was owned by the American Broadcasting System, a company Noble formed for the deal. In mid-1944, Noble renamed his network American Broadcasting Company. This set off a flurry of re-naming; to avoid confusion, CBS changed the call letters of its New York flagship, WABC-AM 880, to WCBS-AM in 1946. In 1953, WJZ in New York took on the abandoned call-letters WABC.

ABC Radio began slowly; with few "hit" shows, it had to build an audience. Noble paid to acquire more stations, among them Detroit's WXYZ; one of the founding stations of the Mutual network. WXYZ was where *The Lone Ranger*, *Sergeant Preston*, *Sky King* and other popular daily serials originated. With this purchase, ABC instantly acquired a bloc of established daily shows. Noble also bought KECA (now KABC) in Los Angeles, to give the network a Hollywood production base. Counter-programming became an ABC specialty, for example, placing a raucous quiz-show like *Stop the Music!* against more thoughtful fare on NBC and CBS. Unlike the other networks, ABC pre-recorded many programs; advances in tape-recording brought back from conquered Germany meant that the audio quality of tape could not be distinguished from "live" broadcasts. As a result, several high-rated stars who wanted freedom from rigid schedules, among them Bing Crosby, moved to ABC. Though still rated fourth, by the late 1940s ABC had begun to close in on the better-established networks.

By the early 1960s, ABC Radio found its audience continuing to gravitate to television. With a decline in network listenership and far less network programming, ABC's owned local stations (like WABC and WLS) became successful playing popular music. By the mid-1960s, however, hourly newscasts, commentaries, and a few long-running serials were all that remained on the network schedule. Lawrence Welk's musical hour (simulcast from television), and Don McNeill's daily *Breakfast Club* variety show were among the offerings. *Romper Room*, a children's learning show was featured, both in New York and on ABC subsidiaries, with Nancy Terrell as "Miss Nancy."

On January 1, 1968, ABC's radio programming service split into four new "networks," each one with format-specific news and features for pop music-, news-, or talk-oriented stations. The "American" Contemporary, Entertainment, Information, and FM networks were later joined by two others—Direction and Rock.

The sale of ABC Radio

Through the 1980s and 1990s, as radio's music audience continued to drift to FM, many of ABC's heritage AM stations—the powerhouse properties upon which the company was founded, like WABC New York and WLS Chicago—switched from music to talk, syndicating several conservative talk show hosts. In addition to its most popular offering, ABC News Radio, ABC also provides music programming to automated stations, along with weekly countdown and daily urban and Hispanic morning shows.

While many of ABC's radio stations and network programs remain strong revenue producers, growth in the radio industry began to slow dramatically after the dot-com boom of the late 1990s and

the consolidation that followed the Telecommunications Act of 1996. In 2005, Disney CEO Bob Iger sought to sell the ABC Radio division, having declared it a “non-core asset.” With the sale of ABC Radio, ABC became the second heritage American television network to sell its original radio properties. NBC dismantled its radio division in the late 1980s. CBS is now the only broadcast television network with its original radio link, though both FOX News and CNN have a significant radio presence.

Historic National Radio Networks—Part Four, Mutual

Kenneth D. MacHarg

Those of a younger generation who are familiar with American radio and television networks today may be excused if they draw a blank at the mention of the Mutual Broadcasting System. After all, the three traditional TV networks, NBC, CBS, ABC are well known in their television manifestations and some even continue, in one form or another, on the radio dial.

But, Mutual—what’s that?

The Mutual Broadcasting System operated from 1934 until 1999. The network began as a cooperative venture and provided some competition for the more-established national networks.

On September 29, 1934 four AM radio stations—WXYZ in Detroit, WGN in Chicago, WOR in New York, and WLW in Cincinnati—agreed to form a cooperative, program-sharing radio network. WGN and WOR controlled the operation (first dubbed the Quality Group), and the Mutual Broadcasting System was incorporated in Illinois one month later. When WXYZ (which had contributed the popular western program *The Lone Ranger*) withdrew to join the National Broadcasting Company (NBC) network in 1935, Canadian station CKLW in Windsor, Ontario (serving the Detroit market), replaced it. (*The Lone Ranger* remained on Mutual until 1942 under contractual obligation.)



After a year on the air, the new network carried 40 hours of sustaining (non-advertiser-supported) programs and 20 hours of commercial programming per week. The network’s first coast-to-coast broadcast came in September 1936, and by 1940 Mutual had 160 affiliates, nearly 20 percent of the stations then on the air. As Mutual’s stations in rural areas often had less power than the affiliates of the older national networks, many stations held primary affiliations with the Columbia Broadcasting System (CBS) or NBC and only a secondary relationship with Mutual. Nevertheless, Mutual had more affiliates than any other network—a record it held into the 1980s.

When Mutual won the rights to carry the 1938 and 1939 baseball World Series broadcasts, CBS and NBC would not allow their affiliate stations to contract with Mutual for the popular sportscasts. Mutual’s complaints to the FCC led to an investigation of network radio from 1938 to 1941. In 1943 the FCC’s new network rules were upheld in a landmark Supreme Court decision, helping to even the playing field for Mutual.

Mutual News

Mutual began to carry more news as the European political crisis worsened in the late 1930s. Listeners heard correspondents via shortwave during the Munich Crisis of 1938, including London representative John Steele and Berlin correspondent Sigrid Schultz (who may have been the first woman to serve as an overseas radio news correspondent). Mutual also picked up reports from various news agency stringers, including Walter Kerr of United Press.

Mutual took advantage of a cost-saving technique in 1938 when WOR began recording English-language news broadcasts transmitted by European shortwave stations (especially the BBC Empire Service), and Mutual rebroadcast them unedited, often juxtaposing opposing sides of a story. This technique drew considerable praise from radio critics as a way of allowing listeners to hear all the points of view on the news of the day and enabling them to judge the propaganda for themselves without the commentary offered on CBS and NBC.



Mutual also presented its own very high-quality news analysts, including Raymond Gram Swing and Quincy Howe. Mutual affiliate WOL provided many of Mutual’s public affairs and commentary programs, including that of conservative commentator Fulton Lewis, Jr., the public affairs panel *American Forum of the Air*, and similar offerings. Mutual soon became known for controversial news commentators, including columnist Drew Pearson, Gabriel Heatter (who covered the trial and execution of the kidnapper of the Lindbergh baby in the mid-1930s), and Raymond Clapper.

Local affiliates were expected to feed any major event to the whole network. Mutual was the first on the air with the news of the 1941 bombing of Pearl Harbor by the Japanese, six minutes ahead of CBS and NBC. By 1945 Mutual’s newscasts were a 24-hour operation, and Mutual was the first

national network to include FM stations as affiliates after World War II, by which time the network reached nearly 85 percent of the country's homes.

By the mid-1940s Mutual was also offering more sportscasts, including boxing matches, the World Series, and such football contests as the Cotton Bowl. Sports continued to be a Mutual mainstay for decades. By the 1970s Mutual also had radio rights for several golf and tennis tournaments. By the mid-1980s the network was carrying five weekday sportscasts plus nearly 40 weekend reports.

In 1978 interviewer Larry King inherited the nightly Mutual talk-show slot that had been pioneered by Herb Jepko and taken over by "Long John" Nebel until his death. King was on for 90 minutes, and listeners could call in for another 90. The program ran until 1994, airing in the afternoon for its final years.

Mutual ended its cooperative operation in 1952 when the network was purchased by General Tire and set up in New York. In the late 1950s network ownership changed several times, often within months, and none of its owners had sufficient funding to move Mutual into television. On at least two occasions, a shortage of funds threatened to close network operations, and Mutual filed for bankruptcy in 1959. The number of employees dropped to only 50, compared with 350 at its peak in the 1940s. The network faced a scandal when it was discovered that one short-term owner had secretly accepted money from a Caribbean country in return for favorable comment on the air, and Mutual lost 130 of its affiliates.

Ownership changes continued as the network shifted its headquarters from New York to Washington, D.C., in 1971. In 1972 Mutual began special network feeds to African-American and Spanish-programmed stations with news and sportscasts.

Mutual signed a contract with Western Union in 1980 to use its satellite facilities, thus becoming the first radio network to employ satellite distribution. Aided by that, Mutual served 950 affiliates by 1979, but the number slowly declined.

Mutual was purchased by Westwood One in 1985. In its last 15 years Mutual largely produced newscasts. Westwood One closed Mutual on April 18, 1999, but its newscasts continued under the marketing name of CNN Radio.

An interesting and unique feature of Mutual in its later years were its distinctive "Mutualert" network cue tones, or "bee-doops" as they were frequently called. While it seems that they were never intended to become identified with the network, as the NBC Chimes became for that network, they were heard at the beginning and end of Mutual newscasts, programs, between commercials and network identification breaks. The "bee-doops" were retained by Westwood One for several years after it closed Mutual. They can be heard here: <https://www.youtube.com/watch?v=FDqr7ruPxM>.

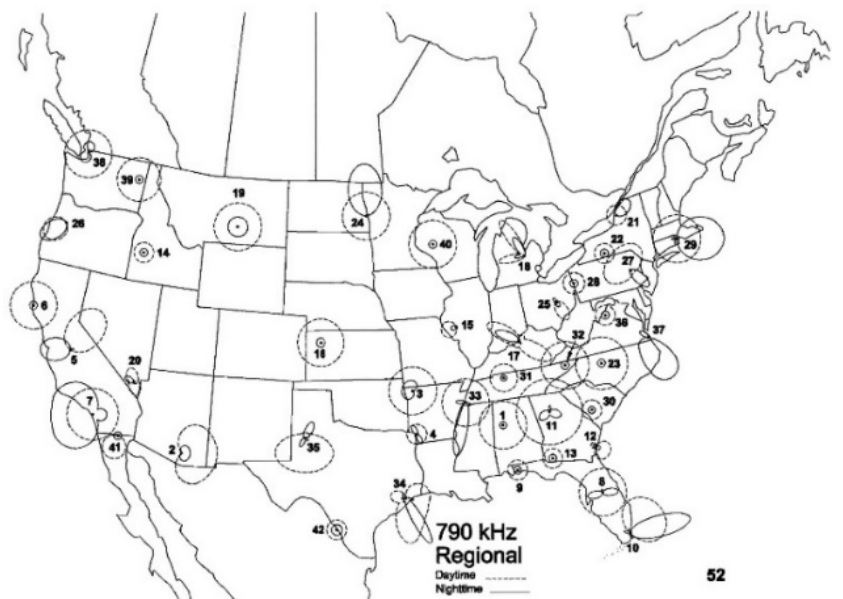
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