

DX News

Serving Medium Wave DXers since 1933

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From the Publisher: I don't know about you, but one of the things that's happened to me while working from home the last two months is that I've completely lost track of what day it is. And so I completely forgot about the KJJR-880 DX test that was announced a few days after our last issue went to print, until I started seeing all the reports from the many people around North American (and beyond!) who heard it. Unfortunate, as MT is still missing from my logbook!

Les Rayburn, our new CPC chairman, has put together an excellent report putting together many of the reports that Paul Walker received for the test. Not only is it great to see the great diversity of reporting locations, equipment used, and descriptions of the loggings, but Les also introduces us to many of the online communication and other reporting methods available to DXers to use in "real time" while DXing. I signed up myself for the "Slack" chat channel and will be trying it myself tonight.

So thanks to Paul for setting up the test, Les for his report, and to Todd Clark of KJJR for running this test! We have not had many DX tests in recent years and hopefully this will be the start of a new trend.

We will now move to our monthly issues for the "off season" for MW DX in the Northern Hemisphere – we'll be back in four weeks with another issue. We hope everyone is staying healthy and safe and staying home with your radios as much as you possibly can! 73, David.

NRC AM Radio Log 40th Edition is now sold out! Wayne and team will now turn their attention to the next edition, due out in late summer.

Conventions: The 2020 IRCA/ Decalcomania Convention will be held at the Four Points by Sheraton, 1221 S. Harbor Blvd, Anaheim CA 92805. (North of Disneyland) September 10-12, 2020. Phone number for reservations is 714-758-0900 (mention convention). Guest room rate is \$115 per night plus tax and includes all you can eat breakfast. Parking is \$10 per day. Registration fee (not including banquet) is \$25 payable to Mike Sanburn PO Box 1256, Bellflower CA 90707-1256.

Activities will include station visits, IRCA business meeting and auction, and nightly fireworks show. Cutoff date for room reservations will be August 20.

More details will appear soon. For information contact mikesanburn@hotmail.com. Website for Anaheim visitor's information: www.visitanaheim.org. The link for making reservations at Four Points is [here](#).

Volume 87 DXN Schedule

No	D'dline	Print	No	D'dline	Print
17	June 14	June 23	19	Aug. 16	Aug. 25
18	July 12	July 21	20	Sept. 13	Sept. 22

Membership Report

"Thanks to the Board and other contributors for informing us and helping to keep AM DXing alive & well." – Doug Beard KF0VF

"Thanks for putting out such a great publication." – Philip Boersma

"Here is my DXN renewal for another year. This will be my 60th year with the club. I will turn 87 in August & don't DX too much but still like to listen now and then and keep up with the changing scene. To all, keep up the good work. 73." – Ken Chatterton

New Members: Welcome to Larry Meade, Chicago, IL; and Jimmy Russ, Lakeland, FL.

Returning Members: Welcome back to Les Kleidon, Countryside, IL.

Renewing Members: Thanks for the ongoing support of Doug Beard; Philip Boersma; Henry Byra; Steve Chappell; Kenneth Chatterton; John E. Clark; John Connor; Lee Freshwater; Robert Galerstein; Thomas Holmes; Richard L. Lucas; Kenneth Lyon; Brian Miller; Ronald J. Musco; Eric G. Norberg; Hugh O'Riordan; Brian Penney; Michael Plumb; Robert C. Pote; Les Rayburn; Lee Reynolds; Bob Rickelman; Christopher Roach; Jeff Thomas; and Gary Wilt.

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

FCC and CRTC Decisions and Applications

CALL LETTER CHANGES

1470 WMMW CT Meridan – Call change to WBOM (Apr. 28).



STATIONS GOING DARK

560 KVOK AK Kodiak – License cancelled at licensee's request per letter to FCC May 7; station had been silent since May 7, 2019.

910 KIYU AK Galena – License cancelled at licensee's request per letter to FCC May 4.

NEW STATION WATCH

1500 KWIF CA Culver City – CP for new station (U4 120/150) was due to expire April 13 but the deadline was tolled because all construction in California was halted March 19; CP will expire 22 days after the shelter-in-place order is lifted.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

590 WJMS MI Ironwood – Granted license to cover CP with U1 5000/113, corrected coordinates 46-25-28/90-12-33.

1150 WSNW SC Seneca – Granted license to cover CP for U1 500/58, existing site.

1320 KNIT UT Salt Lake City – Granted license to cover CP for U1 730/730, new site (diplexed with KJJC-1230) 40-39-57/111-54-26.

1440 KHLY ID Hailey – Granted license to cover CP for U1 270/170, CoL ex-Pocatello ID, new site 43-32-59/114-19-17.

1490 WPCI SC Greenville – Granted license to cover CP for new site (diplexed with WPJF-1260) 34-54-30/82-20-41.

1560 KTUI MO Sullivan – Granted license to cover CP to U1 1000/25, existing site.

CPs built, nearing final licensing:

560 WQAM FL Miami – Applies for license to cover CP for U1 4100/1000, moving permanently to licensed auxiliary site 25-50-22/80-11-23.

720 KDWN NV Las Vegas – Applies for license to cover CP for U2 25000/7500, new site (diplexed with KXST-1140) 36-16-04/115-02-42.

CPs granted:

540 WETC NC Wendell-Zebulon – Granted CP for U4 10000/4400, existing site.

730 KDAZ NM Albuquerque – Granted CP for U1 500/65 on 700 kHz, existing site.

850 WPTK NC Raleigh – Granted CP with U1 9000/120, new site (diplexed with WPTF-680) at 35-47-38/78-45-43.

910 WPRP PR Ponce – Granted CP for U1 4250/4250, new site (diplexed with WLEO-1170) 17-58-52/66-36-49.

1230 WEEX PA Easton – Granted CP for U1 1000/1000, adjusted coordinates 40-42-31/75-13-00.

1270 WJJC GA Commerce – Granted CP with U1 1000/173, existing site.

1490 WSTP NC Salisbury – Granted CP for new site (diplexed with WSAT-1280) 35-40-44/80-30-23.

Amendment to existing CP granted:

1400 WWTM AL Decatur – Has CP for D1 270 on 1390 kHz, CoL to Mooresville AL from a new site; granted amendment to D1 310 from a different new site 34-41-18/86-49-12.

Applications for CPs filed:

960 WDLM IL East Moline – Applies for CP with U1 520/15, existing site.

1050 WFSC NC Franklin – Applies for CP with U1 250/180, CoL to Clayton GA, new site 34-51-45/83-24-23 (tower of defunct WGHC-1400); application together with move of WRBN-96.3 from Clayton to Toccoa GA and 95.7.

- 1170 WFPB MA **Orleans** – Applies for CP with D1 1000 with a “high efficiency broadband antenna” similar to that of WGFP-940, adjust coordinates to 41-46-44/70-00-30.
- 1240 WGCM MS **Gulfport** – Applies for CP with U1 940/940, adjust coords. to 30-25-45/89-01-08.
- 1480 WSPY IL **Geneva** – Applies for CP with D1 250, CoL to Somonauk IL, new site 41-40-06/88-34-06.
- 1510 KAGY LA **Port Sulphur** – Applies for CP with D1 3800 (ch 840), new site 29-29-03/89-42-15; replaces similar CP (slightly lower power at different new site) which has expired.
- 1590 KLIV CA **San Jose** – Applies for CP with U2 6200/5000, diplexed with KVVN-1430 at new site 37-19-47/121-51-58.

CPs expired and deleted

- 650 WSRO MA **Ashland** – CP for U4 1500/275 has expired; will remain U4 1500/100.
- 700 WDMV MD **Walkersville** – CP for D3 50000 has expired, will remain D3 5000.
- 1450 WLAY AL **Muscle Shoals** – CP for U1 930/930 at a new site has expired.
- 1450 WNOS NC **New Bern** – CP to move to Winterville NC has expired.
- 1490 WBGA GA **Brunswick** – CP for U1 1000/1000 has expired, will remain U1 600/600.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 550 WSVA VA **Harrisonburg** – Granted STA, installation of new antenna monitor.
- 590 KUGN OR **Eugene** – Granted STA, U4 1400/5000, night pattern used 24 hours.
- 1270 WHGS SC **Hampton** – Granted STA, D1 1000, 195’ cable attached to licensed tower.
- 1300 WFFG FL **Marathon** – Granted STA, U1 300/300 using portable generator, needs to broadcast to maintain license and power on the (uninhabited) island is gone.
- 1310 WTLC IN **Indianapolis** – Granted STA, testing with all-digital signal.
- 1370 KXTL MT **Butte** – Granted STA, U2 1000/1000, transmitter problems.
- 1460 WBRN MI **Big Rapids** – Granted STA, U1 1000/100, phasing problems.

Applications for STAs received:

- 710 WKJB PR **Mayagüez** – Applies for STA, U1 5000/375 due to COVID-19.
- 910 KECR CA **El Cajon** – Applies for STA, U4 3638/5000, night pattern 24 hours.
- 1000 WJBW FL **Jupiter** – Applies for STA, U1 10/10, whip at licensed site (lost tower to Irma).
- 1320 WDMJ MI **Marquette** – Applies for STA, U1 200/200, 70’ LW at 46-32-40/87-26-42.
- 1380 KMUS OK **Sperry** – Applies for STA, U3 250/250, night pattern 24 hours.
- 1450 WIOE IN **Fort Wayne** – Applies for STA, experimental all-digital operations.

Application for STA dismissed:

- 1240 WJMC WI **Rice Lake** – Application for temporary antenna dismissed; tower is repaired.

Extensions granted to existing STAs:

- 570 WTBN FL **Pinellas Park** – Granted STA extension, U1 1250/1250.
- 580 WKAQ PR **San Juan** – Granted STA extension, U1 10000/4500.
- 670 KPUA HI **Hilo** – Granted STA extension, U1 1000/1000.
- 770 WVNN AL **Athens** – Granted STA extension, D1 7000.
- 790 WKRD KY **Louisville** – Granted STA extension, night parameters at variance.
- 860 KTRB CA **San Francisco** – Granted STA extension, U1 50000/5000 from licensed day site.
- 900 WNMB SC **No. Myrtle Beach** – Granted STA ext., U1 50/50, 61m LW at 33-50-05/78-47-03.
- 930 KIUP CO **Durango** – Granted STA extension, reduced day power (unspecified).
- 940 WIPR PR **San Juan** – Granted STA extension, U1 2500/2500 from WKAQ-580 tower.
- 960 WHYL PA **Carlisle** – Granted STA extension, U1 1300/22 from WCAT-FM-102.3 tower.
- 1070 WCSZ SC **Sans Souci** – Granted STA extension, U1 (unspecified reduced)/375.
- 1080 WUFO NY **Amherst** – Granted STA extension, D1 1000 from WECK-1230 tower.
- 1130 KSDO CA **San Diego** – Granted STA ext., U1 2500/2500, drop wire at 32-43-51/117-04-59.
- 1150 WIMA OH **Lima** – Granted STA extension, night parameters at variance.
- 1190 WPSP FL **Royal Palm Beach** – Granted STA extension, U4 2200/410, Cuba-1180 QRM.
- 1240 KOKL OK **Okmulgee** – Granted STA extension, U1 333/333.
- 1260 WSHU CT **Westport** – Granted STA extension, U1 250/2, LW at 41-07-42/73-23-26.
- 1290 KAZA CA **Gilroy** – Granted STA extension, U1 1500/19 from KZSJ-1120 tower.
- 1310 WAUC FL **Wauchula** – Granted STA extension, U1 1250/125.
- 1340 WMHZ AL **Holt** – Granted STA extension, U1 100/100.
- 1350 WNTX VA **Fredericksburg** – Granted STA extension, U1 125/37.
- WEGA PR **Vega Baja** – Granted STA extension, U1 625/625.

- 1360 WCHL NC Chapel Hill – Granted STA extension, night parameters at variance.
 WTAQ WI Green Bay – Granted STA extension, night parameters at variance.
 1370 WLTH IN Gary – Granted STA extension, U1 1000/9, day site used 24 hours.
 WGIV NC Pineville – Granted STA extension, U1 25/25, 110' LW at 35-11-56/80-52-36.
 1410 WDOV DE Dover – Granted STA extension, parameters at variance.
 1430 WPLN TN Madison – Granted STA extension, U1 15000/250.
 WNEL PR Caguas – Granted STA extension, U1 2300/2300, shorter tower.
 1460 WQOP FL Jacksonville – Granted STA extension, U2 5000/5000.
 1510 WBSG PR Lajas – Granted STA extension, U1 250/250.

Applications to extend existing STA received:

- 830 KGLA LA Norco – Applies to extend STA, U4 5000/250, day pattern at night (last STA was granted for only U4 5000/100).
 920 KARN AR Little Rock – Applies to extend STA, U1 1250/1250.
 1150 KSEN MT Shelby – Applies to extend STA, night parameters at variance (using about U4 10000/1250).
 1220 WREV NC Reidsville – Applies to extend STA, D1 500, shorter tower.
 1230 WLNR NC Kinston – Applies to extend STA, reduced power (has been using U1 5/5).
 1240 WGCM MS Gulfport – Applies to extend STA, parameters at variance (see CP application).
 KDSK NM Los Ranchos de Alb. – Applies to extend STA, 37m LW at 35-10-09/106-25-59.
 1310 WISE NC Asheville – Applies to extend STA, U1 5000/250.
 WICU PA Warren – Applies to extend STA, reduced day power (using U1 1000/94).
 1330 WHGM MD Havre de Grace – Applies to extend STA, U1 10/10, whip at 39-33-02/76-05-30.
 WENA PR Yauco – Applies to extend STA, U1 500/350, 185' LW at CP site.
 1340 WROD FL Daytona Beach – Applies to extend STA, U1 250/250 from WPUL-1590 tower.
 1430 WLTH FL Panama City – Applies to extend STA, U1 1250/1250.
 1450 WLAY AL Muscle Shoals – Applies to ext. STA, U1 60/60, 24m LW at 34-44-14/87-42-15.
 1480 KNTB WA Lakewood – Applies to extend STA, U1 250/65, 26m LW at 47-09-52/122-30-19.
 1580 KXZZ LA Lake Charles – Applies to extend STA, U2 250/250.
 1590 WVNA AL Tuscumbia – Applies to extend STA, U1 500/50, 45m LW at 34-40-26/87-42-46.

SILENT STATIONS

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

- 670 WRJR VA Claremont – Silent Mar. 10, back on the air with usual U1 2500/1 STA Apr. 15.
 1290 WJBI MS Batesville – Silent Apr. 11, back on the air May 4.
 1300 WFFG FL Marathon – Silent May 2 (2019), back on the air with STA (as above) Apr. 30.
 1370 KXTL MT Butte – Silent Mar. 24, back on the air with STA (as above) May 8.
 1380 KMUS OK Sperry – Silent Apr. 5, back on the air with STA (as above) May 9.
 1690 WMLB GA Avondale Estates – Silent Jan. 16, back on the air May 4; reported with 60s OLD and frequent IDs by Bryan Turner in Athens AL.

Stations informing the FCC that they are silent:

- 630 KUAM GU Agaña – Silent May 1, financial reasons.
 880 WAMI AL Opp – Will go silent June 25 when it loses lease to transmitter site; has CP to move to new location (CoL Maplesville AL) which it will pursue next.
 1060 KIPA HI Hilo – Silent May 12, wild power fluctuations in transmitter.
 1100 WCGA GA Woodbine – Has been silent since Sept. 12, 2019; just notified to FCC now.
 1310 KZXR WA Prosser – Silent Apr. 23, COVID-related financial issues.
 1510 KSPA CA Ontario – Silent May 6; has lost licensed transmitter site, tower dismantled.
 1540 WNWR PA Philadelphia – Silent May 1 pending completion of CP for new transmitter.

Late word from John Wilkins and Wayne Heinen on May 18 that KDCO-1340 Denver is off air.

COORDINATE CORRECTION

- 1210 KRPU CA Rocklin – Granted license to cover CP to correct night coordinates to 38-43-44/121-19-09.
 1330 WGTJ GA Murrayville – Applies for CP to correct coordinates to 32-22-11/83-56-53 (but *AM Query*, which used to show this as D1 1000, now includes the station's existing night authorization for U1 1000/34 as part of the CP).
 1450 WHLL MA Springfield – Granted license to cover CP to correct coordinates to 42-06-33/72-36-40.



NRC AM Log Updates

On May 14 my download of the FM Query from the FCC included 60 newly licensed translators. After some research I noticed that many had license issue dates back in 2019. Seems someone had been sitting on them for a while! This resulted in many additional Grp listings as well as individual //FM listings this issue.

- 570 WAAX AL Gadsden – Adds // W270DQ-101.9. (FCC)
 630 WAVU AL Albertville – Slogan & Group to Grp= Power 107.5. (FCC)
 680 KKGR MT East Helena – Slogan & Group to Grp= KGR Helena's Greatest Hits. (FCC)
 690 KAFN AR Benton – Format CLR (ex-SPT); slogan & Group to Grp= Arkansas Rocks. (BH)
 KOLT NE Terrytown – Networks to Fox/P/Ru/WW1/FSR/C2C.
 720 KFIR OR Sweet Home – Slogan to "The Voice of the Valley," networks to SRN/P/CMP.
 740 WNYH NY Huntington – Format to Korean:REL/UC:GOS (ex-SS:REL); drops nets. (SK)
 WMBG VA Williamsburg – Format to CLR (ex-NOS). (SK)
 780 WAVA VA Arlington – Adds // W244EB-96.7. (FCC)
 800 KDDD TX Dumas – Delete // KFLP-900.
 830 WKTX OH Cortland – Adds // W259DI-99.7. (FCC)
 870 WQRX AL Valley Head – Delete Grp= Good News Network.
 880 KLRG AR Sheridan – Slogan & Group to Grp= Arkansas Rocks. (BH)
 890 KDXU UT Saint George – Slogan to "News 94.9 & 890," networks to Fox/Ru/P/DR/WW1/C2C; adds // KCIN-94.9. (WH)
 910 WTOS ME Bangor – Reported silent. (MD)
 930 WFXJ FL Jacksonville – Slogan to "930 The Game," delete // W247CF-97.3.
 940 WKYK NC Burnsville – Format to GOS (ex-C&W); slogan to "Joy FM." (SK)
 970 WNNR FL Jacksonville – Format to SS:MEX; slogan & Group to Grp= La Raza 92.9.
 980 WTOT FL Marianna – Adds // W271DM-102.1. (FCC)
 WDDO GA Perry – Format to Rock (ex-UC:GOS); slogan & Group to Grp= 100.5 the X (ex-Grp= Shining The Light).
 KICA NM Clovis – Format to FARM/TLK/SPT (ex-SPT); networks to A/FSR. (WH)
 WAZS SC Summerville – Slogan to "La Raza 103.9," adds // W280EX-103.9; delete Grp= La Raza 980 & 1480.
 990 WLDX AL Fayette – Format to CLR (ex-CCR/GOS); slogan to "Big Cat 97.1."
 1040 KGGR TX Dallas – Adds // K295DA-106.9. (FCC)
 1050 WLYC PA Williamsport – Slogan & Group to Grp= ESPN Williamsport.
 1080 KSCO CA Santa Cruz – Slogan & Group to Grp= Red Hot News-Talk (ex-Grp= News Talk Radio). (BH)
 KYMO MO East Prairie – Slogan & Group to Grp= Classic Hits 105.3.
 1090 WBAF GA Barnesville – Slogan & Group to Grp= Georgia's Hot Hits.
 KVOP TX Plainview – Adds // KICA-980. (WH)
 1110 WBIB AL Centreville – Adds // W267DA-101.3. (FCC)
 WSLV TN Ardmore – Slogan to "Outlaw 105.1."
 1120 WBBF NY Buffalo – Slogan & Group to Grp= Classic Hits 104.1. (BH)
 WSME NC Camp Lejeune – Slogan to "Beach Radio," "Freedom 97.1."
 1140 KYOK TX Conroe – Slogan & Group to Grp= The Legendary KY.
 1150 WAVO SC Rock Hill – Group to Grp= WAVO-1150.
 1190 KJJI AR White Hall – Slogan & Group to Grp= Arkansas Rocks. (BH)
 1200 WRKK PA Hughesville – Networks to Nn. (SK)
 WKST PA New Castle – Adds // W250CW-97.9. (FCC)
 WGDL PR Lares – Adds // W227DR-93.3. (FCC)
 1210 KZOO HI Honolulu – Adds // K292HM-106.3. (FCC)
 1220 WZBK NH Keene – Format to SPT; networks to FSR, adds // W272DZ-102.3. (SK)
 KMVL TX Madisonville – Slogan to "America's Best Music 1220 AM & 98.9."
 1230 WESX MA Nahant – Format to SS:REL (ex-ETH/Brokered); slogan to "Radio Vida," delete // WJDA-1300. (MD)
 WMOU NH Berlin – Reported silent. (TF)
 WBLQ RI Westerly – Adds // W276DF-103.1. (FCC)
 WXCF VA Clifton Forge – Slogan to "Hits 107.5."
 KDYM WA Sunnyside – Adds // K239CS-95.7. (FCC)
 WXCO WI Wausau – Adds // W258DK-99.5. (FCC)



- 1240 KVRC AR **Arkadelphia** – Slogan & Group to Grp= Arkansas Rocks (ex-Grp= Classic Hits 1310). (BH)
 KBGV CO **Monte Vista** – Slogan to "The Valley's Classic Country." (WH)
 KMHI ID **Mountain Home** – Adds // K256DI-99.1. (FCC)
 WBAS MA **West Yarmouth** – Reported silent. (MD)
 WKDK SC **Newberry** – Adds // W269DW-101.7. (FCC)
 1260 KLYC OR **McMinnville** – Adds // K256DF-99.1. (FCC)
 WPHB PA **Philipsburg** – Format to CLR (ex-C&W); slogan to "1260 PHB."
 WXCE WI **Amery** – Format to Rock (ex-OLD); slogan to "Ink 107.3," drops nets.
 1270 WLBR PA **Lebanon** – Format to CLR (ex-TLK/AC); slogan to "Wilbur 1270," drops nets.
 1280 KVXR MN **Moorhead** – Adds // K252GC-98.3. (FCC)
 1290 WJBI MS **Batesville** – Slogan to "Country Legends 106.9."
 KIVY TX **Crockett** – Slogan & Group to Grp= America's Best Music.
 1300 WKQK FL **Cocoa Beach** – Adds // W283DJ-104.5. (FCC)
 WQBN FL **Temple Terrace** – Adds // W294CR-106.7. (FCC)
 WJDA MA **Quincy** – Slogan "Radio Super," add // W260DS-99.9, delete // WESX-1230. (MD)
 1310 KZYP AR **Malvern** – Slogan & Group to Grp= Arkansas Rocks (ex-Grp= Classic Hits 1310). (BH)
 WAUC FL **Wauchula** – Slogan to "The Outlaw 102.1," adds // W271DH-102.1.
 KNOX ND **Grand Forks** – Slogan to "News Radio 1310 AM & 107.9 FM."
 KTCK TX **Dallas** – Networks to FSR.
 KZXR WA **Prosser** – Format to SS:Romantica (ex-SS:MEX).
 1320 KWHN AR **Fort Smith** – Networks to A/Ar/CMP/Ru/P/DR/WW1/C2C.
 WDDV FL **Venice** – Format to OLD (ex-NWS/TLK); slogan to "Oldies 1320," drops nets.
 WJKI MD **Salisbury** – Group to Grp= The Vault 103.5 & 102.9. (SK)
 1330 WETZ WV **New Martinsville** – Slogan & Group to Grp= Magic 1330.
 1340 KOMY CA **La Selva Beach** – Group Grp= Red Hot News-Talk (ex-Grp= News Talk Radio).
 WTYS FL **Marianna** – Adds // W282CM-104.3.
 WBAN ME **Veazie** – Slogan & Group to Grp= 94.1 The Wave.
 KDLM MN **Detroit Lakes** – Slogan & Group to Grp= The Station You Can Count On.
 KRBA TX **Lufkin** – Adds // K281CZ-104.1.
 1360 WGJK GA **Rome** – Slogan to & Group to Grp= 99.5 The Jock.
 KMJM IA **Cedar Rapids** – Format to OLD (ex-NOS).
 1370 WFDR GA **Manchester** – Slogan & Group to Grp= Georgia's Hot Hits.
 KWRT MO **Boonville** – Networks to Fox/Mo/WW1.
 WKMC PA **Roaring Spring** – Slogan to "Classic Hits 96.1."
 1380 WVSA AL **Vernon** – Format to GOS (ex-GOS/C&W); slogan to "100.7 the Voice."
 KUVR NE **Holdrege** – Format to CLR (ex-OLD).
 1400 WNEX GA **Macon** – Format to Rock (ex-UC:GOS); Group to Grp= 100.5 the X (ex-Grp= Shining The Light).
 WCYN KY **Cynthiana** – Adds // W267CW-101.3. (FCC)
 KWON OK **Bartlesville** – Slogan & Group to Grp= News Talk AM 1400 & FM 93.3.
 WICK PA **Scranton** – Networks to Fox. (SK)
 KAZZ UT **Parowan** – Networks to USA/WW1/CMP/P; Group to Grp= St George News Radio (ex-Grp= Fox News 1450). (WH)
 WRDB WI **Reedsburg** – Adds // W247CY-97.3. (FCC)
 1410 KMYC CA **Marysville** – Delete slogan. (BH)
 WDOV DE **Dover** – Slogan "NewsRadio."
 WQBQ FL **Leesburg** – Adds // W236DN-95.1. (FCC)
 KITE TX **Victoria** – Group to Grp= KITE Radio.
 1420 WEMB TN **Erwin** – Slogan to "Sports Radio," networks to FSR.
 1430 KVVN CA **Santa Clara** – Adds // K264DB-100.7. (FCC)
 WBLR SC **Batesburg** – Format to SS:REL (ex-REL); slogan & Group to Grp= Radio Amistad (ex-Grp= Good News Network).
 WPLN TN **Madison** – Slogan to "WPLN International," // BBC World Service; networks to BBC. (JJR)
 1440 KHLY ID **Pocatello** – Format to Rock (ex-OLD); slogan to "Sun Valley's Station of Choice."
 WMKM MI **Inkster** – Format to UC:GOS/REL (ex-UC:GOS).
 WCDL PA **Carbondale** – Networks to Fox. (SK)
 1450 WLAY AL **Muscle Shoals** – Slogan & Group to Grp= Country's Greatest Hits.
 KLMX NM **Clayton** – Adds // K283CV-104.5. (FCC)
 WPVD RI **West Warwick** – Slogan & Group to Grp= Cat Country 98.1.



	KZNU	UT	Saint George – Networks to USA/WW1/CMP/P; Group to Grp= St George News Radio (ex-Grp= Fox News 1450). (WH)
	KBKW	WA	Aberdeen – Slogan & Group to Grp= The Talk of Gray's Harbor.
1460	KZNT	CO	Colorado Springs – Networks to THN/SRN. (WH)
1480	WRCK	NY	Remsen – Format to CCR. (SK)
	WZJY	SC	Mount Pleasant – Format to SS: Romantica (ex-SS:MEX); slogan to "La Latina 95.5," delete Grp= La Raza 980 & 1480.
1490	KXLQ	IA	Indianola – Slogan & Group to Grp= La Patrona.
	KRUS	LA	Ruston – Format to CLR (ex-UC:GOS); slogan to "Peach."
	WKDR	NH	Berlin – Reported silent. (TF)
	WICY	NY	Malone – Slogan & Group to Grp= North Country's Greatest Hits.
	KBST	TX	Big Spring – Adds // K280GW-103.9. (FCC)
1500	WFED	DC	Washington – Networks to C/JBo. (SK)
	KCLF	LA	New Roads – Adds // K253CM-98.5. (FCC)
	WGHT	NJ	Pompton Lakes – Adds // W252ED-98.3. (FCC)
1540	WKXG	MS	Greenwood – Slogan to "Gospel 1540."
1550	KXEX	CA	Fresno – Format to NWS/TLK (ex-SS:MEX); slogan to "Talk Radio 1550," networks to A/SRN/WW1.
1560	WKDO	KY	Liberty – Slogan & Group to Grp= The Buck.
1570	WVOJ	FL	Fernandina Beach – Slogan & Group to Grp= La Raza 92.9/
1590	WVNA	AL	Tuscumbia – Format to VAR (ex-NWS/TLK); delete slogan, networks.
	WALG	GA	Albany – Networks to A/Gn/Ru/P/WW1/RER.
	WCSL	NC	Cherryville – Slogan to "Carolina Country Radio."
1600	KUSH	OK	Cushing – Adds // K268DK-101.5. (FCC)
	WAYC	PA	Bedford – Adds // W293DF-106.5. (FCC)
1680	KGED	CA	Fresno – Format to SS:MEX (ex-TLK); delete slogan, networks.
	WOKB	FL	Winter Garden – Adds // W264DV-100.7. (FCC)

New Groups

Grp= 94.1 The Wave – WBAN-1340, W231CH-94.1, W236DP-95.1
 Grp= 99.5 The Jock – WGJK-1360, W258CH-99.5, W224DS-92.7
 Grp= 100.5 the X – WNEX-1400, W263CA-100.5, WDDO-980
 Grp= America's Best Music – KIVY-1290, KIVY-FM-92.7, K288HF-105.5, K275AS-102.9
 Grp= Arkansas Rocks – KAFN-690, KDEL-FM-100.9, KWPS-FM-99.7, K255AX-98.9, KJJI-1190, K233BF-94.5, KLRG-880, K257GP-99.3, KVRC-1240, K281CK-104.1, KZYP-1310 (BH)
 Grp= Cat Country 98.1 – WPVD-1450, WCTK-98.1, W288EE-105.5
 Grp= Classic Hits 104.1 – WBBF-1120, WHTT-FM-104.1, W261EB-100.1 (BH)
 Grp= Classic Hits 105.3 – KYMO-1080, KYMO-FM-105.3, K246DB-97.1
 Grp= Country's Greatest Hits – WLAY-1450, WLAY-FM-100.1, W286DP-105.1
 Grp= ESPN Williamsport – WLYC-1050, W224AI-92.7, W272ED-102.3
 Grp= KGR Helena's Greatest Hits – KKGR-680, K225DA-92.9, K226BI-93.1
 Grp= KITE Radio – KITE-1410, K297CB-107.3, K248CS-97.5
 Grp= La Patrona – KXLQ-1490, K239CR-95.7, K295CB-106.9
 Grp= La Raza 92.9 – W225BI-92.9, WNNR-970, WVOJ-1570, W222CL-92.3
 Grp= Magic 1330 – WETZ-1330, W283DH-104.5, W226BE-93.1
 Grp= News Talk AM 1400 & FM 93.3 – KWON-1400, K227CQ-93.3, K236CT-95.1
 Grp= Power 107.5 – WAVU-630, W298BG-107.5, W223DD-92.5
 Grp= The Buck – WKDO-1560, WKDO-FM-98.7, W279DT-103.7
 Grp= The Legendary KY – KYOK-1140, K240FC-95.9, K222CX-92.3
 Grp= The Station You Can Count On – KDLM-1340, K245CU-96.9, K226CA-93.1
 Grp= The Talk of Gray's Harbor – KBKW-1450, K278CU-103.5, K234AU-94.7
 Grp= WAVO-1150 – WAVO-1150, W268DM-101.5, W282BP-104.3

Group Name Changes

Grp= 97.3 & 104.9 Fox FM becomes Georgia's Hot Hits
 Grp= Fox News 1450 becomes St George News Radio (WH)
 Grp= News Talk Radio becomes Red Hot News-Talk (BH)
 Grp= The Vault becomes The Vault 103.5 & 102.9 (SK)

Group Changes

Grp= Ave Maria Radio adds W288DW-105.5 Southfield
 Grp= Buffalo's Very Own drops W261EB-100.1 Lancaster (BH)



Grp= Fox News 1450 (St George News Radio) drops K253BU-98.5 Cedar City (WH)

Grp= News Talk FM 106.7 AM 1440 FM 99.3 adds K225CY-92.9 Ashland

Grp= QFM adds W260DF-99.9 Athens

Grp= Radio Amistad adds WBLR-1430 and W277DC-103.3 Batesburg SC

Grp= Rumba 92.5/880 adds K258DI-99.5 Humble (FCC)

Grp= The Seacoast Oldies Station adds W298CU-107.5 Chester

Deleted Groups

Grp= Classic Hits 1310 (BH)

Grp= Good News Network

Grp= La Raza 103.9

Grp= Latina

Grp= Wink Country



Thanks to Shawn Axelrod, Bill Hale (BH), FCC Database (FCC), Marc DeLorenzo (MD), John J Rieger (JJR), Tony Fitzherbert (TF), and Steve Kennedy (SK).



DX Test: Big Sky Surprise

May 2020 found DX'ers quarantined inside their homes, facing the threat of the largest pandemic to strike the globe since the 1918 "Spanish Flu." Many of us were thrilled when broadcaster and radio hobbyist, Paul Walker announced that he had arranged for a late-season DX Test from KBOZ in Bozeman, Montana.

Just days after the announcement swept out onto the various e-mail news groups and onto Facebook, our hopes were dashed faster than you can spell "Hydroxychloroquine" when we learned from the station's lawyers that KBOZ had fulfilled their legal requirement for broadcasting hours necessary to maintain the station's license pending a sale to new owners. The KBOZ test was cancelled...and most of us had resigned ourselves to watching the bonus episode of *Tiger King* on Netflix instead of listening for a new station from the Treasure State.

Just as all hope seemed lost, engineer Todd Clark read about the disappointment of radio hobbyists on social media and offered one of the stations in his care to "stand-in" for the cancelled DX Test. He reached out to Paul Walker and asked if hobbyists might be interested in a test from KJJR, 880 in Whitefish, Montana instead.

Normally at night, KJJR covers the town of Kalispell with 500 watts but for a single hour on Saturday, May 2, Todd would do some transmitter maintenance while they broadcast special test material at their full daytime power of 10 KW, into a non-directional antenna.

The Courtesy Program Committee (CPC) raced to assemble a new audio file containing the necessary elements for the broadcast. A few years ago, we conducted a series of tests with an audiologist to determine what types of audio material could be best heard by the human ear when mixed with both atmospheric news, and a louder station broadcasting on the same frequency. Here is a breakdown of the content transmitted during the test:

00:00-00:53 Opening Voice Announcement

00:53-01:48- Morse Code ID at 10 WPM 700 Hz

01:49-02:49- Sweep Tones

02:50-03:01- Telephone "Busy Signal"

03:02-03:35- Sweep Tones

03:36-04:36- "Laser Gun" Sweep Tones

04:37-05:29- Theme from Netflix Series "Stranger Things" Synthesizer Heavy

05:30-05:54- Telephone "Busy Signal"

05:54-08:01- Sweep Tones

08:02-08:13- Telephone "Busy Signal"

08:14-10:03- Morse Code ID at 10 WPM 700 Hz

10:05-11:03- COVID19 Patch--Original Synthesizer Composition (Mostly low tones. Whale song type sounds)

11:31-14:05- Sweep Tones

14:06-16:01- 1 Khz Continuous Tones in Sine, Saw, Square, and Triangle waveforms. Similar to old Frequency Tests.

16:03-16:47- Test Continues Voice Announcement. Thanking Todd Clark and Paul Walker.

16:50-18:39- Morse Code ID at 10 WPM 700 Hz
 18:50-19:57- Stairstep Tone. Starts low and climbs rapidly in frequency.
 19:59-21:34- Sliding Scale Tones. Step from 500 Hz to 3,000 Hz every few seconds.
 21:35-21:59- Telephone "Busy Signal"
 21:59-25:42- Sweep Tones
 25:44-27:32- Morse Code ID at 10 WPM 700 Hz
 27:33-33:55- Telephone Touch Pad and Video Game Sounds
 33:55-34:27- British Police Siren
 34:30-35:45- Stairstep Tone. Starts low and climbs rapidly in frequency.
 35:48-37:42- 1 Khz Continuous Tones in Sine, Saw, Square, and Triangle waveforms. Similar to old Frequency Tests.
 37:43-41:33- "Frankenstein" by Edgar Winter Group. Synthesizer heavy.
 41:35-42:20- Test Continues Voice Announcement. Thanking Todd Clark and Paul Walker.
 42:22-44:11- Morse Code ID at 10 WPM 700 Hz.
 44:12-45:47- Sweep Tones
 45:48-46:10- Telephone "Busy Signal"
 46:11-47:11- Sweep Tones
 47:12-48:05- Theme from Netflix Series "Stranger Things." Synthesizer Heavy
 48:06-49:31- COVID19 Patch--Original Synthesizer Composition (Mostly low tones. Whale song type sounds)
 49:31-50:10- Stairstep Tone. Starts low and climbs rapidly in frequency.
 50:11-52:00- Morse Code ID at 10 WPM 700 Hz
 52:01-53:37- Sweep Tones.
 53:38-55:33- 1 Khz Continuous Tones in Sine, Saw, Square, and Triangle waveforms. Similar to old Frequency Tests.
 55:33-55:45- Telephone "Busy Signal"
 55:46-58:43- IRCA Theme Song. "Hands Across the Seas" Marching Band Music
 58:44-59:37- Morse Code ID at 10 WPM 700 Hz
 59:37-59:59- Closing Voice Announcement

For those in the East, our audiology test bed certainly fit the conditions on 880 kHz, with NYC powerhouse WCBS blasting out it's 50,000 watt signal from the Hudson Valley. While those in Canada would need to contend with CHQT and CKLQ. In the Western US, KRVN serving rural Nebraska would also be a barrier along with a smattering of other stations broadcasting at low power levels to their local audiences.

To counter these strong signals, we provided the engineer with an hour long recording of Morse Code identifications, sweep tones, telephone "off hook" sound effects, and other noise-busting sounds including some synthesizer based music that was certain to stand out from the normal clutter.

Stand out it did! The DX Test from KJJR was widely heard across North America, and even as far away as New Zealand. A true "Big Sky Surprise" for socially distant DX'ers. Here is a smattering of the reports received from Paul Walker, who handled verifications of the test via e-mail:

Very strong into Victoria with CW, then sweep tones and then phone off the hook sounds, then back to sweep tones starting at 06:01 UTC. Well overpowering KIXI. Thanks, Paul! (Walter Salmaniw, Victoria, British Columbia, Canada)

WCBS mostly dominant during test period with C&W music a second. Strongest and most noticeable was Sweeps and Staircase waves, tones heard and phone off hook noise. Morse code at 00:43 and 00:51, will have to play code back to get the message. Thanks to Paul for arranging this test. (Tom Jasinski, Joliet, IL)

Sweeps and code easily heard here too. This is a new one for my logbook. Thanks to all those involved in arranging this test. (Tim Tromp, West Michigan)

Have heard some sweep tones so far at a fair level into SoCal beneath a strong KKMC. (Mike Sanburn Lakewood CA)

Fair to good in Seattle with local KIXI phased down. Voice & code IDs, sweeps, busy signals, etc. are mixing with CHQT and KIXI. The Misk-Lankford-Ratzlaff phaser is needed for me to hear it. I'm about 7 miles from KIXI's tx site and in its main lobe. (Bruce Portzer, Seattle, WA)

Hearing Morse Code followed by sweep tones, busy signal followed by more sweep tones, more Morse Code on 880 kHz in KRVN null!! Audible on all three antennas, best on the ALA 1530ln which is aimed NW/SE. Great signal!! Thanks to all who helped arrange this test! (Craig Barnes Wheat Ridge, CO)

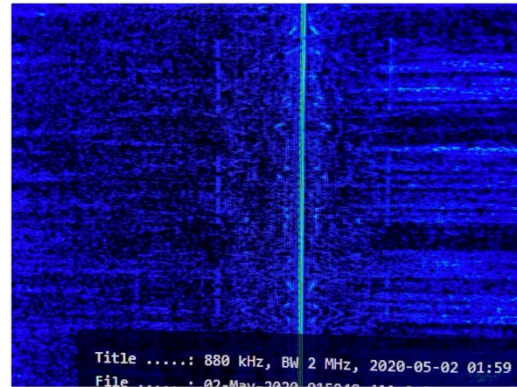
Happy to report that the KJJR DX Test was easily heard in Central Alabama, near Birmingham tonight. Got a nice null on WCBS using my Wellbrook Loop, and the Clifton Active Whip...then the sweep tones came through easily. Towards the end of the hour, I was amazed at how well the 1KHz tones came through. After all the talk about frequency checks, I thought it would be fun to insert some continuous 1000 hz tones in sine wave, square wave, saw wave, and triangle. These were easily heard—coming through nearly as well as the sweep

tones. Morse code made it through well too. Even heard some of the IRCA theme song (Marching band music) near the end. No voice ID's however. Test seemed to get out very well. New log for me! Thanks for Todd Clark and the unflappable Paul Walker for arranging this late-season, last minute treat! **(Les Rayburn, N1LF Maylene, Alabama)**

Heard some sweep tones at 12:06 MT. 1:06 CDT **(William Burrows, Lees Summit, MO)**

GOT EM! Came up very nice again with CWID right at 0258 EDT. Heard the 1 kHz tone and sweep tones earlier as well around 0234-0235. Have some nice audio on the RSPdx recording to put up on YouTube. Getting the audio files and video files ready for upload but wanted to share this nice shot from the RSPdx IQ recording of the CWID right around 02:59 EDT.

Makes it a bit easier to spot! Sweep tones and the 1 kHz tones showed up nicely on the waterfall too. What I wouldn't give to have had this back in 1993. MT #2 lifetime and #1 from CHS. Thank you all who helped set this up! **(Loyd Van Horn, W4LVH Charleston, SC)**



KKMC Gonzales Cal seemed stronger than usual tonight but after some effort, I was able to null their signal. At times, I may have heard the CW and the 1000 Hz tones but not clearly. Did hear the sweep tones twice. My thanks to Lee, their CE and to Paul for arranging this test. My first MT station since moving here. **(Joe Miller Desert Hot Springs, CA)**

As e-mail lists crackled to life with reports of receiving the KJJR 880 test, users also congregated on the various online bulletin boards and "Chat" rooms. These included the granddaddy of all web spotting networks, The BCB Propagation Logger: <http://dxworld.com/bcblog.php>

The real-time reports of hearing the DX Test began on this web based spotting network just after 06:01 UTC:

May02 06:08 880 KJJR Whitfish, MT -- Sweeper tones heard loud here through I have something else on 880 on top - Kyle / Kaylon Sphere DN07 (136.143.144.181)

May02 06:05 Also hearing them on Token's KiwiSDR in Ridgecrest CA > Ellensburg CN97ra (216.210.8.227)

May02 06:03 880 KJJR heard in East Central MN. Morse at 01, followed by sweep and telephone at 02. 73, Mike, NM7X (45.56.151.55)

May02 06:03 880 KJJR Whitfish, MT -- Making it through at fair strength with repeated "KJJR" in Morse Code at the start of DX test. Stayed up just long enough to hear this, I'm headed to bed, gotta be up early in the morn for work -- Rick in South Omaha EN21af (174.71.76.228)

May02 06:03 880 KJJR MT loud here with phone off the hook, sweep tones - over everything else > Ellensburg CN97ra

Meanwhile Don Moman, VE6JY lead a discussion about the DX Test on the SLACK application, which is a phone based app—popular for many of us who are working from home during the pandemic. Download it on your phone, then join the MWDX group using the invitation link below.

Hearing swept tones, busy signals etc on 880, covered by local 50kw'er but tones coming through quite well at 0602.

Seems to be getting out well, there are several us on the MWDX Slack chat group commenting on it as well... I created a permanent link, if any one wants to join:

https://join.slack.com/t/mwdx/shared_invite/zt-e1ejk4dv-0bB1TOQxejvsaO38cS3inA

This is the same text chat group that has been mentioned here before, starting to get a reasonable number of DXers using the application at night. **(Don Moman, VE6JY Lamont, Alberta, Canada)**



As reports spread on the real-time networks, e-mail reports of the test also picked up as more and more DX'ers reported their luck in hearing the "Big Stick from Big Sky:"

Hearing sweep tones @ 0204 EDT and 0206 EDT, and 0212 EDT. Under WCBS talk and CKLQ C/W Music. Using an ELAD FDM-S2 and WELLBROOK ALA-1530LNP- Imperium Loop. **(Robert Ross VA3SW, London, Ontario, Canada)**

KJJR 880 12:01 AM MDT Morse code, sweep tone, busy signal. Good atop KWIP Dallas, OR. Thanks Paul. **(Dennis Vroom, Kalama, WA)**

KJJR-880 Clear code Ids at 02:09 EDT. Sweep tones before and after. WCBS dominant with CKLQ in second place. KJJR in third. Montana #18 received here in Leamington Ontario (near Detroit MI) **(Charles Reh, Leamington, Ontario, Canada)**

I used a CCW Witness radio and did a timer recording (23:54 on the 1st of May to 01:36 on the 2nd of May -- my time). I didn't notice that you said mountain time in the e-mail, so I set it for central time. Because of this--I got only the first 36 minutes. This is what I thought I heard (give or take a minute). My recorder may

have been 1 minute off (behind). It was a very weak signal and more static than anything... 00:17 - sounded like a sweep tone 00:19 - sounded like a tone or old style telephone ringing 00:32 - another sweep tone. Like a siren - woo-woo type of sound **(Ron Rader, Chariton, Iowa)**

Not everyone got the invitation to the Big Sky Surprise Party, unfortunately. With any DX Test some folks go away disappointed. Like Jim Renfrew, who just couldn't overcome the all-powerful WCBS.

Not even a hint of nothing in western NY. Manitoba is often in under WCBS, but not tonight. I can get a fairly good null with the Quantum Phaser, but there's nothing in the null. I'll stick with it til 3am, just in case. Thanks for the test! **(Jim Renfrew, Clarendon NY)**

I got absolutely nothing in Central Indiana. Might've had a tone and maybe one or two bits of code but nothing countable. As big a flop as KBOI ID Boise several years ago. Maybe that's what I get for trying it barefoot. Congratulations to all who managed it. **(Dave Hascall)**

I woke up late and missed most of the test. Between 0240 and 0255 EDT all I could hear deep in the mud were bits of a 1 kHz tone. Certainly not enough to call it anything but a possible tentative. **(Rob Keeney, Goose Creek SC)**

Luck was better in the Southwest, where Bob managed to overcome his QRM and log the station on his main receiver and even an ultralight!

KRVN from one direction and KKMC from the other, but sweep tones and CW are cutting through. Main receiver is an Airspy HF+ and also audible on a barefoot CC Skywave ULR. **(Bob Coomler W7SWL, Tucson, AZ)**

Also in the Southwest, Bob Wien checked in from "The Land of Enchantment" with a successful reception on his C Crane Radio. Nice catch, Bob!

Good into Albuquerque, NM over/under KHAC with KRVN nulled, C Crane Radio. Sweep tones, code IDs, 1 KHz tones at various periods. Logged on rs on 1400 and 880 from San Jose, California many years ago. **(Bob Wien Albuquerque, NM)**

As the test progressed, e-mail reports began to pour in from all parts of the country...

Montana DX test coming in fair with KKMC QRM into Lakewood CA even audible on my Sangean DT160 Ultralight. And there is the Morse Code that makes it all very official! **(Mike Sanburn KG6LJU)**

Please see the clip of my reception on YouTube. Not bad, for a barefoot radio and WCBS on the side. <https://www.youtube.com/watch?v=RBxWtISsV4Y&feature=youtu.be> **(Chad Bryan, NW Ohio)**
[Editor's Note:] I'd say that's an understatement Chad. As you can hear in the YouTube clip above, while WCBS is still dominating the frequency even after being nulled, the sweep tones can be faintly heard underneath.

The KJJR DX Test made it to Austin, Texas as well - new state for me! Drake R8B Receiver and Terminated Delta Antenna (17ft apex and 28ft base) Appreciate you conducting this test - Thanks to Todd, Paul and Les! **(Mike Beu, KD5DSQ, Austin, Texas)**

Was heard, barely, but confirmed, in north NJ. Definite code ID's and laser sweep tones were the difference. Big thank you to Paul for putting on the test. Thank you, Les, for your help too. **(Bob Galerstein WB2VGD, Morris Plains, NJ)**

Heard Morse code followed by sweep tones, and more Morse code on 880 kHz under KRVN, heard here with fair signal!! There was another station underneath KRVN playing oldies. Since I recorded 3 hours, one hour before and then one hour after the DX test, I will see if I can ID the station. Thanks to all who helped arrange this test, a New one for the log book! **(James Niven, Austin, Texas)**

For many of us, KJJR represented an ATNO (All-Time New One) in the logs, including Shawn Axelrod who used his impressive shack which features the best of old and new receivers: An SDRPlay RSPduo alongside a Drake R8. Shawn uses a variety of antennas including a 3 foot box loop, a Quantum QX Loop V2, and a 155 foot outdoor wire to snag the DX.

880 KJJR MT Whitefish 05/02 0206 Good signals under CKLQ with lots of Code ID's and sweep tones at 0202, 0206 and 0210. Easy copy even with mega pest CKLQ on with their country music. Thanks for the DX test. NEW! Did not think I would get this one but those sweep tones and Code ID's made it so easy. New catch for me never been heard here before. You have to love new DX in May. **(Shawn Axelrod VE4DX1SMA, Winnipeg MB Canada)**

Got 'em here in Waynesburg, PA (SW corner of PA, 50 miles from Pittsburgh). Unbelievable to me, my first Montana station, in 62 years of on/off/casual BCB DXing! Very faint, but there, at 1,800 miles, In May! No QRN or lightning crashes at all . . . it felt like a winter's night, acting more like December than May.

Out on our deck with the ICOM 7300, I aimed the MFJ loop to 300 degrees for Kalispell. I had powerhouse audio from WCBS, plus splatter from WLS-890 sidebands. But for my QTH, WCBS is offset 45 degrees, so I

could weaken them a bit with the loop, and I used the 7300's PBT (pass band tuning) to skew toward lower sideband, eliminating the WLS splatter.

And there were the sweeps, faintly under loud WCBS news-talk. Then a phone busy sound, some rapid beep-beep-beep, and faint Morse (I could pick out - - -, presumably the dashes in the "J's.") I logged minute-by-minute until 0020 EDT, when I was freezing (41 degrees) and went to bed. Sending report to Paul Walker for verification.

The 7300 and the loop made it possible. Imagine if we had those power tools back in the 1950s-1960s, when the band was open! THANK YOU to Paul Walker and KJJR for making it possible! **(Fred Schroyer, Waynesburg, PA)**

Many medium wave enthusiasts have echoed Fred's praise of the Icom IC-7300 SDR Transceiver has fine AM band DX receiver. It has an attenuator for signals below 1.8 MHz that is "ON" by default (to prevent overloading issues on 160 Meters) but it can easily be switched off in the menu. Once that is accomplished, the Icom comes alive with signals on the broadcast band. If you're in the market for a new receiver that can do double-duty as a ham rig, look no further.



Thank you for conducting a DX test while performing maintenance at 880 KJJR. The test may have been received at my monitoring post in Nashua, New Hampshire. It sounds like Morse code was received under co-channel WCBS New York, between 12:01 to 12:02 a.m. Mountain time, May 2. An audio clip is at <https://www.bamlog.com/880code.mp3> Otherwise, only Radio Progreso from Cuba was received under WCBS during the test period. Reception was on the WinRADI0 Excalibur software defined radio with a SuperLoop directional broadband loop antenna. The antenna was counterintuitively aimed northeast to maximize a null on WCBS signal strength. The bandwidth was set to 1.1 kHz to reduce interference from WCBS modulation. **(Bruce Conti, Nashua, NH)**

Other DX'ers found success with slightly more vintage gear, like Roy Barstow in Cape Code, MA who managed to overcome WCBS also using a loop antenna. In this case, a big one! Other reports from New England also confirmed some very distant reception of KJJR.

I have 4 clips. First clip of unknown playing music and possible ID but WCBS strong. Maybe someone has heard the female announcer? The 2nd. clip is of Morse code identification. and last 2 clips of tone. Using 10X16ft. Loop and G-33 w/out amps. Location at, Fort Hill, Eastham, Cape Cod, MA. Montana #6. **(Roy Barstow, Eastham, Cape Cod, MA)**

Review of first 10 minutes of 880 audio (0600-0610 UTC) has a weak sweep tone sequence around 0602:30. WCBS, of course, is very strong and dominant. R. Progreso Cuba with vocal music is well under. More things on there than on a '60s Radio Shack sound effects record. The sweep tones and 1 kHz around 53-54 min. are what made the >2100 mile trip here. Not an easy trick with WCBS blasting away at under 200 miles on a largely salt water route. Thanks to Paul and all the others who set up the test. **(Mark Connelly, WA1ION, South Yarmouth, MA)**

KJJR MT received here via recording made off of Icom R75 - sweep tones, Morse Code ID & telephone busy signal made it through on a very cluttered frequency. 880 here has semi-local KIXI Seattle, KWIP OR, CHQT AB & last night country music either from CKLQ MB or KRVN NE. Signal strength diminished to the point of being almost inaudible but think I heard a few more test items in background. Signal was best here 0600 - 0615Z. **(Mike Cherry, Salt Spring Island BC)**

Thanks to Morse code and the sweep tones, KJJR blazed its way through the KIXI/KWIP mush promptly at 11:01pm PDT last night. It was a welcome addition since MT stations don't exactly overwhelm my logs. Thanks for setting it up, Paul Walker. This was pulled in on the HQ180 and Kiwa loop. (Wouldn't that be a great name for a rock group - "Morse Code & the Sweep Tones...") **(Pete Taylor, Tacoma, WA)**

Late to the party. I tuned in at 10:38 PM PDT and heard a station playing music. I think that was KHAC. I did record it for about 10 minutes. 10:50 I heard ads, most likely KRVN. This was all on my loop in a "null" of KKMC. ToH I heard what sounded like a KRVN SID (sung ID for some of you). :20 after ToH I heard a KHAC ID. Sweep tones heard starting 11:01:50, weak. Listened until 11:26 and heard sweeps, CW, 1 kHz tone, phone off hook. At 11:27 I switched over to my 75' wire that is more directional up thru central California. KKMC was in strong but a Spanish station faded up briefly and I think there is an ID. I've heard this station recently but it's in/out and I haven't really concentrated on an ID. I think it's KWIP. I need to review my recording. Thanks Paul and everyone else. Nice to hear a DX Test and a new station (or two). **(Martin Foltz, Mission Viejo CA)**

KJJR-880 MT Test tentatively heard at 0237:36 am EDT Saturday May 2. At 6.3 seconds 1 sweep tone can be heard under WCBS just as Norah O'Donnell pronounces the last syllable of "consumers." At 15.4 seconds a Spanish female vocal can be heard, probably from Cuban R. Progreso. PAUL WALKER: What do you think? And thanks for arranging the Test on short notice. WCBS is difficult to null here, especially at night.

(Marc DeLorenzo, South Dennis, Cape Cod, MA) [Editor's Note:] Paul Walker was able to listen to the audio clip that Marc submitted and verify the reception. CPC Chairman concurred with the QSL. Great catch, Marc!

Thank you very much for taking the time to run this special DX test. I hope you receive many e-mails and that you will enjoy reading them. I am a former 40 year veteran radio guy, Programming Side, I started my journey in 1975 at 1080 KNDK Langdon, North Dakota. From there I traveled the US with stops in Chicago, Detroit, Kansas City, Indianapolis and 20 more. I am a casual DX'er. Love AM radio DXing. On the morning of Saturday May 2nd, Here's what I heard on my Tabletop C.Crane Radio with no external antenna from Westerville, Ohio, which is just Northeast of Columbus, Ohio the center of the state. Atmosphere condition were perfect for this test in the Ohio Region, Clear skies, a cool 51 degrees, zero atmospheric noise; Barely audible, High tone at roughly 2:14 eastern time. Tones again with Morse code ID at roughly 2:27 eastern time. Signal was very weak fighting WCBS New York, I had a pretty good null on them for a few minutes. I could also barely hear CKLQ. I tuned in at the top of the hour and really didn't hear anything until about 2:14 and it was definitely there, barely audible, until just before the bottom of the hour then WCBS started to dominate the frequency. I not sure if you did anything else besides sweep tones and Morse Code, but those two thing were the only things that cut through. (Gregg Cassidy, Westerville, Ohio)

Here's how the KJJR DX Test sounded in Mesa, Arizona. The recording starts out with KRVN, then I nulled KRVN as best as possible, you then hear a KHAC ID. The code then starts. Note there is a Mexican station mixing, that most likely is XEPNK despite what others say about XEPNK being off the air for 9 years. (John Johnson DXing from Mesa, Arizona) [Editor's Note:] John submitted a clip to the IRCA E-mail List, and the test sounded great. Morse Code ID's and sweep tones where easy, armchair copy. He uses the combination of a Wellbrook ALA 1530LNP loop antenna, and an SDRPlay RSPDuo to great effect. The theme from the Netflix series, "Stranger Things" came in perfectly clear.

Below is my reception report for the KJJR DX Test on May 1: My location is Moses Lake, Grant County, WA, 406 km (252 miles) from the KJJR transmitter. Receiver used was my Eton Elite Executive, and I received it both indoors and outdoors. Here's the first video of the DX test - I have more coming after the test is done with: <https://youtu.be/YEmI3ELhl10> (Kyle, Moses Lake, WA)

1201 Sweep tones continuing to 1204. 1205 Phone sounds 1206 Sweep tones, weak, probably my best reception, audio clip enclosed 1208:30 Morse Code, poor, only got bits and pieces 1210 Possible voice, very poor under huge KRVN 1211:35 Sweep tones, poor/weak 1214:30 Steady high pitched tone to 1216:05 1217:25 Morse code, very poor/poor only bits and pieces 1220:50 Octave low pitch tone, then high pitch tone over and over 1223:30 Sweep tones 1225:50 Morse code 1232:20 High pitched steady tone (Conditions got worse, KRVN wouldn't fade now, stopped recording 1236. Thanks for arranging the DX Test! (Steve Ratzlaff, Sahuarita, AZ)

I'm happy to report the reception of most all of the DX-Test. I was trying to overcome or listen through, KRVN Lexington, NB, KHAC Tse Bonito, NM and I suspect KJOZ, Conroe, TX. My reception report is as follows and times are Mountain. At 0000 Morse tones, 0007 high pitched sweep, 0009 low pitched, psychedelic sounds 0012, flute & chanting 0015, pips & Morse 0017, flutters 0018 into sweeps & seems to be out at 0024, high beeps 0028, rhythmic noise 0029, brush sound 0030, tones 003, Electronic music sounds 0034 into sweep tones until 0036 into beeping 0036 until 0037, Morse 0043 until 0044 into high sweeps 0045, busy phone back to high sweeps ending 0046. Steel drums & clock ticks 0047, middle tone & clock ticks 0048, 0049 into beeping sweeps low to high. 0050 Morse. KRVN & KJOZ take over from here until, possible spoken word 0054. (Ward Elliott, North East Dallas TX)

Well I fell asleep but woke up about 15 minutes before the test started. I wasn't set up with a recorder but I used my Sangean PR-D15. With WCBS New York(news) and what I believe was KRVN in Nebraska(country music) dominating the frequency I could faintly hear the test underneath. When I heard the signals they were very faint. If there was any voice I could not make it out. With fading I probably didn't receive everything. WCBS was strong the whole hour. What I believe was KRVN had a good signal underneath WCBS from @0615z to 0640z then faded almost all the way out up to 0700z. I also have some transformer noise on a power pole near my house. Fortunately it was toward the end of my ferrite rod on my receiver. I was going to use my Palstar R-30 and its outside antenna with a noise canceller but stuck with the Sangean portable. (Jim, Southeast Michigan)

QRM from WCBS (severe QRM) and Spanish singing (slight QRM) on 880 kHz. Also, noise or a het (severe QRM) in the lower side-band of 880 kHz forced me to only use the upper side-band to listen. Copied Morse Code ID briefly at 12:12 AM MST. Using a WinRadio G33DDC SDR Excalibur Pro receiver with a Wellbrook ALA1530S+ Imperium Loop antenna. (Kraig Krist, Manassas, VA)

Thanks so much for arranging this DX test. This was my first one in over 40 years! I was looking through my old 70's log recently and I was amazed at some of the exotic stations I was able to hear via this method, and this will be one more! Here are the program details I was able to log and record. I've stated the times in Mountain. 12:22 - 12:24 – sweep tones. 12:25 – 12:27 – Morse Code IDs. 12:30 – 12:31 – steady tone. 12:42 – 12:43 – Morse Code IDs. The station was coming through at other times during the test period that I did not

get recorded, but these were the portions I was able to document and time stamp. I had no problem nulling out WCBS and with that the frequency was fairly wide open. I didn't ID any other stations during this time. My biggest problem was adjacent frequency splash from either WLS or WWL. I logged out around 1:45. My equipment is an Airspy HF and a Space Magnet amplified ferrite core loop. **(Wayne Murphy, Nashville, TN)**

I was using a Drake R8B receiver with 3 beverage antennas and a loop antenna. WCBS in New York was giving me a 40 over S9 signal so I had to pull you out of that. This test was nearly covered by WCBS. I could hear sweep tones, and Morse Code but couldn't distinguish it. I was a CW operator in the US Navy during Viet Nam. I have been a member of the National Radio Club since the 60s. It has been a long time since we have had a test. Thanks for having the test. **(Bill Swiger, KB8IJC, Bridgeport, WV)**

I heard the KJJR DX Test from 12:01 AM to 12:31 AM Mountain Time on Saturday, May 2, 2020, here in Spokane Valley, WA, about 10 miles east of Spokane and 8 miles west of the Idaho border. I had to head for bed after that because I had to work in the morning. I don't know Morse Code by heart and it was kinda weak here so I couldn't decipher all of it but I'm sure I copied the KJJR calls in there. Here's what I heard: 12:01 Women announcing that this is a test sponsored by the International Radio Club of America and that it can be heard from thousands of miles away. Morse code followed, including KJJR calls, then ascending sweeping tones, followed by telephone "off the hook" repeating tone. 12:02 More ascending sweeping tones, some slower this time, continuously to at least 12:04. 12:05 Telephone "off the hook" tones, then more ascending sweeping tones. 12:08 Telephone "off the hook" tones, then Morse code, including KJJR calls, I think. 12:10 Tones that reminded me of an elephant's call, then low tones followed by higher pitched tones. 12:11 Ascending sweeping tones continuing to 12:14. 12:14 Steady tone, with occasional pause of silence for a about second about 3 times. 12:16 Announcement by a woman: "You are listening to a special DX test from KJJR, Whitefish, Montana..." My receiver is a Drake R8 with a Kiwa Loop. I also use a Sangean DT400W ultralight when I'm checking conditions in bed at night. Radio has been in my blood since I was little. I've been a member of the IRCA and NRC for many years. Thanks for arranging this test and handling the reception reports! **(Stan Weisbeck, Spokane Valley, WA)**

I had the great pleasure of hearing the KJJR 880 DX test on the 2nd of May 2020 and have attached a copy of my reception report for this test broadcast along with 2 (two) mp3 audio files of my reception. I first heard the test broadcast for a seconds with a tone sweep for a few seconds while listening on the New Zealand Radio DX League's Kiwi SDR located at Russell in the Bay of Islands. **(Dene Lynneberg, Russell Bay of Islands, New Zealand)**

The KJJR 880 KHz test is just the latest example of some amazing opportunities that Paul Walker has made available to his fellow DX'ers. In the heyday of our hobby, the Courtesy Program Committee enjoyed close relationships with many station engineers. In those days, nearly all Chief Engineers were also amateur radio operators, and understood the allure of DXing. But things have changed radically in the broadcasting industry now.

In 2020, engineers themselves are in short supply. Most manage several stations and spend a lot of time travelling between sites to do maintenance. Rarely are they hams, and many are not even familiar with the hobby. Those that are may have very negative views, brought about by over-zealous DX'ers who have reported a station for problems with their automation, or similar offenses.

Resources are tight, with many stations operating on paper-thin profit margins. Engineers are under a lot of stress—so staying up late or travelling to a remote site to switch over transmitter power is a major "ask" these days. To help translate our hobby, we need people who speak the language of both enthusiasts and broadcasters—something that Paul Walker does very well.

We're also very much in the debt of Engineer Todd Clark, who so graciously volunteered to run the test with very short notice, and convinced the owners to allow it. Thank you both, gentlemen.

Looking forward to a great 2020-2021 season. Hope we have many DX tests to fill those cold evenings. Until then, remember to wash your hands, and practice social distancing.

73, Les Rayburn, N1LF

Courtesy Program Committee (CPC) Chairman

Unreported Domestic Stations

No new stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). The closest we came was KKSM-1320, which was last reported in Volume 70 Issue 26. However, one of the Alaska stations that were permanently deleted this week, KVOK-560, was on our list, so we are down to 306 full service (100 watts and up) AM stations in the United States and Canada that have not been reported to DDXD during this time. The last full list was printed in Volume 86 Issue 19. Can you report one more before we print the list again?

Domestic DX Digest – East

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

patria1818@yahoo.com

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

All times are Eastern Local Time (ELT)

REPORTERS

- BC-NH** **Bruce Conti, Nashua** - Excalibur SDR, variable termination 50 x 75-ft Super/Ewe antennas at 60° northeast and 180° south.
- KK-VA** **Kraig Krist, Manassas** - Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- GS-VA** **George Santulli, Lovettsville** - Drake R8B, Wellbrook ALA 1530S+ Imperium, Kiwa Loop
- PS-ON** **Paul Snider, London** - Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C tuner
- JW-PA** **Jim Weber, Oyster Point** – Grundig S350, Sony ICF2010
- LW-NY** **Leslie Wood, East Meadow** – C Crane SW Radio, Tecsun AN-200 loop
- MKB-ON** **Mike Brooker, Toronto** – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200

Follow me on Twitter! [@patria1818](https://twitter.com/patria1818) DX-related tweets will be hash-tagged #MWDX.

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View me on Instagram! [brookermike](https://www.instagram.com/brookermike)

DX TEST

- 880 KJJR MT Whitefish** – 5/2 0200 – DX test mixing with WCBS, Spanish singing (R. Progresso Cuba) and other talk. Also, noise or a het (severe QRM) in the lower sideband of 880 kHz forced me to only use the upper sideband to listen. KJJR morse code ID, possibly heard twice? Definitely, heard once. **(KK-VA)**
- +++ - 5/2 0207 – Series of tones, telephone sounds, code. I almost did not stay up due to pest WCBS, but sure enough it paid off with reception for most of the hour. At 0243 a "digitized" woman's voice was heard mentioning test for NRC. First new Montana station in years. **(GS-VA)**
- +++ - 5/2 0201 – DX test; Morse code heard under WCBS. Montana #1. **(BC-NH)**

UNID

- 1490 unID --** – 5/11 0247 – ESPN sports talk mixing with WWIL, Greek singing (probably CHTO1), oldies and talk. Noted mention of "...only on ESPN (what sounded like) Milwaukee". Doing research, I don't find an ESPN station on 1490 kHz in Milwaukee. **(KK-VA)**

LOGGINGS

- 540 WDAK GA Columbus** – 5/3 0028 – On day power tonight with Coast to Coast with Art Bell, lots of iHeart Radio promos, IRS PSAs, more promos, "...News Radio 540 WDAK" ID at 0034, back to Art Bell. Fair to poor with usual WBWD way underneath. **(PS-ON)**
- 590 WROW NY Albany** – 4/26 2046 – Booming in with oldies, "Magic 590" slogan and ad for local James Chevrolet. Other ads for Roman Jewels and Destination Nissan followed. Clear and clean call sign ID at 2048. **(JW-PA)**
- 600 WCAO MD Baltimore** – 5/16 2218 – Caught ad in station mix with repeated 410 area code, then lost. Very poor with CKAT and WICC. First time heard at this location. **(PS-ON)**
- WSJS NC Winston-Salem** – 5/17 0000 – Over/under WICC and R. Rebelde Cuba; National Guard PSA by North Carolina Association of Broadcasters, multi-station ID, and Fox sports. **(BC-NH)**
- 690 WELD WV Fisher** – 4/27 0206 – Coming in decently for about 20 minutes, culminating in a nice call sign ID at this time. Similar ID at 10 before the hour leading into a string of classic hits: Heart with "What About Love", ELO's "Turn To Stone", and "Rockin' Me Baby" by Steve Miller. Very respectable reception for 18 watts. Assistance with song titles and artists was provided by their internet feed! **(JW-PA)** For those who send reception reports, note that the FCC does not require stations to log song titles and artists. But stations in Canada do keep this information in their logs to satisfy the CRTC's Canadian Content regulations. Mike.



- 730 **WLTQ** SC **Charleston** – 5/2 2239 – Talk with female guest about children and reading, EWTN mention and "You are listening to 1300 WCKL...and 730 WLTQ Charleston..." ID at 2255. Fair occasionally to very poor with CKAC, WZGV and UNID oldies station. First time heard at this location. **(PS-ON)**
- 790 **WETB** TN **Johnson City** – 4/26 2308 – Probably on day power tonight with religious/gospel music, male announcer between songs, mention of "Sounds of Joy" program at 2322, quick "...790 WETB" ID at 2330, more music. Fair at times to very poor with WNIS and WKRD. // to stream on Appalachian Radio Group website. **(PS-ON)**
- 830 **WCRN** MA **Worcester** – 3/31 2010 – In with oldies music "on WCRN 830", over/under WEEU. **(LW-NY)**
- WEEU** PA **Reading** – 3/31 2007 – Local news report on Corona virus, latest CDC and WHO news. Ad for PolicyGenius.com insurance. **(LW-NY)**
- 880 **CKLQ** MB **Brandon** – 5/2 0215 – While listening to KJJR test, noted C&W songs in the mix and matched it up with my internet radio and identified it as CKLQ with a few IDs and mention of Western Manitoba's country station. A lagniappe for sure! **(GS-VA)**
- 890 **WKNV** VA **Fairlawn** – 4/1 1800 – Several local ads for Wilkes County, North Carolina, which did not make sense since no NC stations were nearby. I called WKNV and they said that since ownership of the station was in NC, they ran some ads. Weird, but heard a previously unheard VA station. **(GS-VA)**
- 1030 **WWGB** MD **Indian Head** – 5/3 0700 – Fighting WBZ with "WWGB Indian Head-Washington" ToH ID (also mentioning a number of FM translators) into Spanish gospel show. **(MKB-ON)**
- WCTS** MN **Maplewood** – 5/5 2253 – Vocal/instrumental music, nice classical piece at 2300, "WCTS Maplewood..." ID at 2303, Bible verse, weather "from WCTS" at 2304. Fair to very poor with WBZ. First time heard at this location. **(PS-ON)**
- 1040 **WCHR** NJ **Flemington** – 4/27 2112 – Coming in well for a while with man delivering sermon based on the famous Bible story of Balaam's Ass. // internet check helped verify program content. **(JW-PA)**
- 1120 **WKAJ** NY **St. Johnsville** – 3/31 1945 – Ads for Geico and Hip Optical into C&W music on "Real Country 97.9 WKAJ". **(LW-NY)**
- 1220 **WGNY** NY **Newburgh** – 5/1 0727 – Creaming WHKW and likely CFAJ with "WGNY...where the action is" 1960s-style jingle into "Chapel of Love" by the Dixie Cups. **(MKB-ON)**
- 1230 **WBLQ** RI **Westerly** – 5/14 0206 – Mixing with usual graveyard mess, "News, talk. local sports, personalities and great music. This is 12-30 WBLQ" ID. **(KK-VA)**
- 1240 **WJNC** NC **Jacksonville** – 5/14 2025 – Mixing with usual graveyard mess as well as off-frequency stations on 1240.085 kHz and 1239.98 kHz causing terrible hets to 1240, station promo: "'Wake-up Call' now 3 times every weekend... Saturday morning...". **(KK-VA)**
- 1260 **WPHB** PA **Philipsburg** – 5/6 2058 – "The music you grew up with" slogan at this time then Cream with "Crossroads". "Godzilla" by Blue Oyster Cult at 2102. Lots of "PHB" slogans amongst the classic hits. In well at times with deep fades. "WPHB Philipsburg" ID at 2202. **(JW-PA)**
- 1300 **WOSW** NY **Fulton** – 4/30 2100 – Call sign ID on the hour. Not sure on programming. Wiki indicated they were off the air, didn't see any corroboration on line. I did not notice any recent loggings in DX News but did see a programming change note in V87 #13, Mar 24. **(JW-PA)**
- 1340 **WTRN** PA **Tyrone** – 5/13 0459 – Clean AM and FM frequency and call sign IDs mentioning Tyrone. Picked up the prior night with a missed ID at 2206 then into "Silent Running" by Mike and the Mechanics as confirmed with internet feed assistance at 2210. **(JW-PA)**
- 1380 **WWMI** FL **St. Petersburg** – 5/6 2216 – Patrick Madrid Show, Relevant Radio mentions/promos/pledge drive ("only a dollar a day"), "Relevant Radio 1380 WWMI..." ID at 2300. Good mostly to very poor. First time heard at this location. I've heard them as Radio Disney and "The Biz". **(PS-ON)**
- 1400 **WHLJ** GA **Moultrie** – 5/8 0229 – In multi-station mix with station promo: "This is your station for...Gospel radio WHLJ...103.3 FM". First time hearing since changing call sign from WHBS. **(KK-VA)**
- WAMC** NY **Albany** – 5/15 2159 – In with readable "WAMC" call sign ID right before the hour. **(JW-PA)**



WHHV VA Hillsville – 5/8 0224 – Mixing with WHLJ, WINC, WPCE, WAVQ and other talk (also carrying "Coast to Coast" causing echo with WINC), noted slogan "This is 'Victory 14 Hundred'". **(KK-VA)**

1420 WACK NY Newark – 5/15 0730 – Over CHKT-1430 slop with "News...sports...your Hometown Station WACK" ID into local weather for the Finger Lakes. **(MKB-ON)**



+++ – 4/28 2204 – Sports talk, ID at 2205 ...1420 WACK", more sports. Poor to very poor with WHK. First time heard at this location. **(PS-ON)**

1470 WLAM ME Lewiston – 3/26 2003 – Ad for YMCA on "your station with golden memories, 1470 WLAM". Once known as WOZU with nostalgia music. **(LW-NY)**

1480 WDJO OH Cincinnati – 5/5 0448 – "Cincinnati's Oldies" slogan and callsign ID at this time. Various classic rock tunes through the top of the hour including the Beatles redo of "Rock and Roll Music". In decently at times. **(JW-PA)**

1490 WWIL NC Wilmington – 5/11 0233 – Mixing with UNIDs: ESPN, Greek singing (probably CHTO1), oldies and talk, noted female "We invite you to call in and register your church, right here at 'Praise 104.9'" station promo. **(KK-VA)**

1510 WRRD WI Waukesha – 5/9 2100 – Fair; ToH ID: "WRRD Waukesha and W269DL Milwaukee, always streaming at Talk 101-7 dot com." **(BC-NH)**

1550 WIGN TN Bristol – 4/26 1950 – ID as "your bluegrass music station WIGN 1550", local ad for Craig's Dry Cleaning, promo for gospel music program from 12:30 to 1:30 PM weekdays on WIGN FM 92.1. **(LW-NY)**

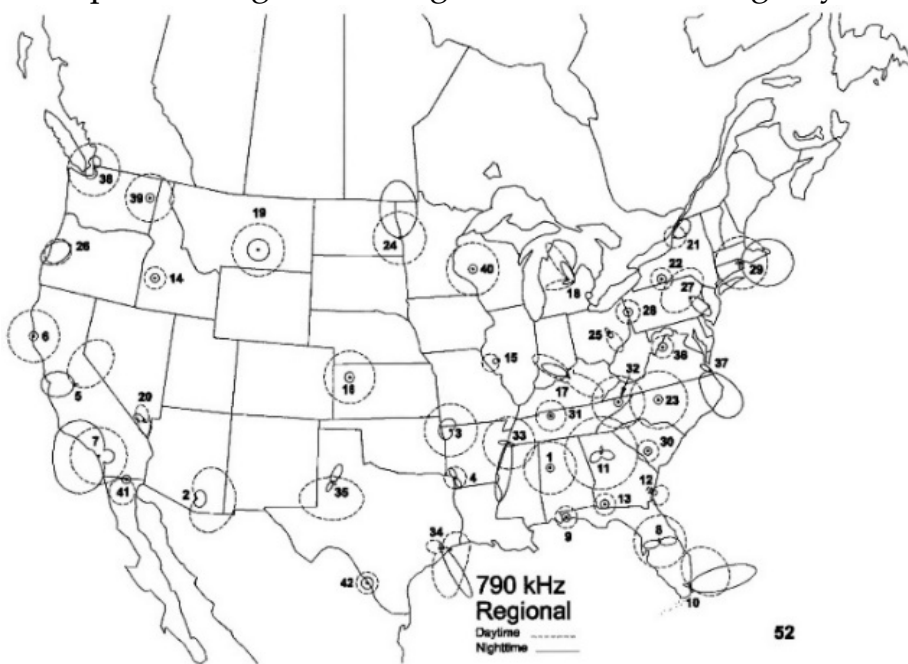
1560 WAHT SC Cowpens – 5/4 2310 – On after sunset with sports talk (presumably Mickey Pylar Show), CBS Sports Radio promos, national ads, local ads (one for dealership serving Anderson and Greenville, one with 864 area code). Fair to very poor with WFME mostly nulled. City of license ex-Clemson. **(PS-ON)**

NRC Antenna Pattern Book 8th Edition

The 8th Edition of the NRC *AM Station Antenna Pattern Book* is now available. This all-new edition was prepared by Bill Hale and accompanies the 2018 (39th Edition) of the National Radio Club's *AM Radio Log*. The book comes shrink wrapped in 8½ by 11 three hole punch format for placement in your own three ring binder. The book has maps covering 530 through 1700 kHz showing day and night patterns for U.S., Canadian, and selected Mexican and Caribbean stations.

The book is available from the National Radio Club at PO Box 473251, Aurora CO 80047-3251 and Priority Mail to addresses in the United States for \$28.95 for members and \$35.95 for nonmembers. Canadian orders are US\$42.20 and all other countries are US\$54.15, both shipped Global Priority Mail.

The Pattern book may also be ordered using pay pal from our website <http://www.nrcdxas.org> at slightly higher prices.



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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. Send either within an email, or as an attachment in plain text or RTF. No Excel, Word or PDF documents, please. All times are Eastern Local Time (ELT)!! In some instances, minor editing may occur. Remember, this column reports DX Achievements and is not a platform for political or social commentary/remarks. Your cooperation is much appreciated. Reports older than 30 days may be excluded at the editor's discretion.

It's great to see the KJJR test was received so well, and reported, as far east as Winnipeg and as far south as Southern California. Hopefully, reports were sent and QSLs were received.

Upcoming deadlines for DDXD-West: **Issue 17** – June 12; **Issue 18** – July 10, 2020. Join us, won't you?

--- REPORTERS ---

FA-ID Frank Aden Boise, ID Eton E100
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
SB-CA Stephanie Battaglini Palm Desert, California RX: Perseus w/Jaguar Pro, ANC-4 Noise Canceler ANT: Wellbrook ALA 1530 LNP w/ANC-4 Noise Canceler
SB-UT Sean Breazeal Stansbury Park, Utah Afedri SDR-Net with Wellbrook ALA 1530 LNP active loop on 15' pole. Audio at medievalcoinage.com/dx.
KDF-IL Karl D. Forth Chicago, Illinois Sangean ATS-909, DT-200VX
MF-CA Martin Foltz Mission Viejo, California HQ-180A, 1-foot air core loop, 75 foot wire, Sony SRF-M37W
TK-FL Terry Krueger Niceville, FL IC-R75, NRD-535, ICF-7600GR, active loop, random wire
JNS-MN John Sampson Grand Rapids, Minnesota RX: Motorola R-390A; antenna: Kiwa Loop
JJR-MI John J Rieger L'Anse, Michigan Grundig Satellit 750 -Terk AM1000 loop, Sangean ATS-909X stock (The Terk loop can/does phase the Grundig antenna)
JJR-WI John J Rieger South Milwaukee, Wisconsin Icom IC-R75, MFJ-959B tuner/preamp, Kiwa loop, Sangean ATS-909X stock
JNS-MN John Sampson Grand Rapids, Minnesota Drake R8B w/250 foot N:S longwire
JW-CO John Wilkins Wheat Ridge, Colorado Drake R-8, 4-foot box loop

--- STATION NEWS ---

1240 WSBC IL Chicago – Current schedule is 0700-2200. Local station heard 4/23 0700 with SSB & sign-on, into rock music with no announcements, which is what they play during unsold segments. Also heard with variety of music during last hour of broadcast day. 'Access Radio Chicago' ID and sign-off 2200, no SSB. (KDF-IL)

--- DX TESTS ---

880 KJJR MT Whitefish – 5/2 0218-0254 – Poor, but readable, well under KKMC. Copied DX Test, faint, but discernable Sweep tones, Morse Code IDs (stronger), and steady tones (stronger as well) noted throughout the period noted. Did not copy any voice IDs or music. Montana #1 from the SoCal desert. 10 kW non-directional at 1,016 miles. (SB-CA)
 880 KJJR MT Whitefish – 5/2 0200 and on – Heard reasonably well here. Code and tones were perfect, couldn't have IDed KJJR without them. Extremely heavy QRM from CKLQ (local-like here at night) and to a lesser extent from WCBS (had to point the loop at them to null CKLQ as best as I could). (JNS-MN)
 880 KJJR MT Whitefish – 5/2 0202 – DX Test heard with sweep tones, CW IDs. Phone off the hook. In the null of KKMC, KRVN and KHAC. (MF-CA)
 880 KJJR MT Whitefish – 5/2 0205-0230 – DX Test heard with sweep tones and code IDs. Weak but steady behind WCBS, presumed KRVN and loud local noise. Most interesting catch here in quite a while! (KDF-IL)

880 KJJR MT **Whitefish** – 05/02 0206 – Good signals, under CKLQ, with lots of Code IDs and sweep tones at 0202, 0206 and 0210. Easy copy, even with mega pest CKLQ on with their country music. Thanks for the DX test. NEW! (SMA-MB)

--- UNID ---

- 680 UNID - 5/2 2000 – Very poor -- LID under WPTF's LID. OLDies: 'Runaway' by Del Shannon and 'Tell it to the Rain' by Four Seasons. Leaning toward WCTT. ?? (JJR-WI)
- 799.92 UNID - 4/28 0605 – Domestic or Latin American? Het on 800, no audio. Measurement approximate. (TK-FL)
- 1260 UNID - 5/10 0758 – Poor -- four stations: Obits, Polkas, 'Candy Man' by Sammy Davis, Jr. and a REL! At :03 one powered up, wiping out the other three! (JJR-MI)
- 1560 UNID - 4/30 0725 – Someone with block quack medicine hawking. Another after the bottom of hour pushing garlic pills. Poor, in multi-station co-channel, but not parallel WLZR stream (still sports talk), and not KGOW, which was in the mix and still Vietnamese, nor WSLA which was carrying 'America's First News'. (TK-FL)
- 1630 UNID - 5/5/ 0530-0630 – Unknown, with continuous TT, looping SE/NW. No IDs heard. (FA-ID)

--- DX LOGGINGS ---

- 540 WDAK GA **Columbus** – 5/11 0728 – "News Radio 540 WDAK" into local morning news talk. (TK-FL)
- 570 WAAX AL **Gadsden** – 5/11 0710 – TV weatherman forecast, "Gadsden's News Talk 570, Big Wax" into news chatter by two guys. (TK-FL)
- 600 WSJS NC **Winston-Salem** – 5/1 2226 – Poor, but in, over WMT at times. "Fox Sports Radio" and "The Sports Hub 600 & 920". (JJR-WI)
- 620 KIGS CA **Hanford** – 4/18 0259-0302 – Good. Dominating the frequency, no sign of KTAR, with man chanting in Punjabi right up to TOH ID by male – after a slight pause – for the WRONG station in the Radio Punjab network! "You're listening to Radio Punjab, KGSU AM 6-60, Oildale, K273CB, 102.5 FM, Bakersfield", followed immediately by Punjabi music then back to male chanting. 1 kW @ 254 miles. (SB-CA)
- 620 KIGS CA **Hanford** – 5/10 0000 – Great reception of 1 kW 'Radio Punjab', with local commercials in Punjabi language and music after top of the hour ID and calls. (SB-UT)
- 630 KFXD ID **Boise** – 4/18 0359-0401 – Fair-to-good, with several "105-5, The Fan" non-IDs. TOH ID noted by male as "Boise's home for Fox Sports Radio, KFXD, Boise . . . Boise Sports Radio", into sounder "Fox Sports trending now" by male into sports report. Was present most of the evening; underneath KHOW. 5 kW @ 673 miles. (SB-CA)
- 680 WPTF NC **Raleigh** – 5/2 2000 – Poor -- LID given, over unID OLDies station. (JJR-WI)
- 680 CFTR ON **Toronto** – 5/2 2147 – Poor, with "680 News", news and time check. Hoping to hear my unID with OLDies. (JJR-WI)
- 700 CJLI AB **Calgary** – 5/10 0700 – Very difficult to pick up here under KALL, but religious/inspirational music and Calgary references heard. Call letters also likely heard but indistinct. (SB-UT)
- 730 CKAC QC **Montreal** – 4/29 2226 – Poor, with several "Montreal" mentions in FF. Alone, no CKDM tonight. (JJR-WI)
- 750 KXTG OR **Portland** – 4/18 0838-0842 – Fair-to-poor, under KAMA, with CBS Radio Sports simulcast of WFAN, VA spot with an appeal for retired healthcare workers to sign back on and the clincher @ 0541: "Crimestoppers is a public service of Oregon and southwest Washington law enforcement" and several "Crimestoppers of Oregon" mentions within it. 20 kW nights at 866 miles. (SB-CA)
- 790 KSPD ID **Boise** – 5/10 0800 – Low-power religious station before sunrise, "Breaking through the chatter with the truth, Boise's Solid Talk". Was not very solid, but clear above usual KGHL. (SB-UT)
- 790 WKRD KY **Louisville** – 4/30 2050 – Poor, in with WSGW, later out. Fox Sports, "K-R-D" over an unID C&W station. (JJR-WI)
- 790 KGHL MT **Billings** – 5/7 0630 – Poor -- jock(?): "Cowboy . . . Mighty 790 & 94.7 KGHL", with WSGW in back. (JJR-MI)



- 790 KFYO TX Lubbock – 5/9 0705 – ABC News ending, followed by area weather; ID as “News Talk 95.1 FM and 790 AM KFYO”; back to ‘America in the Morning’ at 0707. Fair, mixing with others. (JW-CO)
- 800 KBFP CA Bakersfield – 4/18 0658-0730 – Fair, under XESPN , Tijuana with comedy programming. First heard was a female comedian who got bleeped a lot. Did not catch a TOH ID, but at BOH, coming out of a male comedian's set was “Comedy 800. We're funny, like a 45-year old man in skinny jeans funny . . .” into a coronavirus update. 440 Watts nights at 136 miles. (SB-CA)
- 830 KDRI AZ Tucson – 4/18 0858-0905 – Good, with Styx’ ‘When I'm Alone With You’ into full TOH ID by male: “Here we go, KDRI, Tucson, K269FV, Oro Valley, The Drive 101.7 FM, 830 AM – It's Drive Time”, into Stealer's Wheel's ‘Stuck in the Middle With You’. On day power, 50 kW, just after local sunrise. 318 miles. (SB-CA)
- 870 WPWT TN Colonial Heights – 4/28 0729 – C&W song ending, man “96.3 FM, The Possum” into Sonny James’ ‘Young Love’. Very poor, in semi-nulled WWL, parallel station stream. This is the D1 10,000 Watter that was cheating overnight briefly in November 2019. (TK-FL)
- 880 KHAC NM Tse Bonito – 5/6 0051 – Tuned in to end of ‘answersradio.com’ program, nice ToH ID for KHAC, KWIM & KTBA. Into more REL programming. (MF-CA)
- 880 KWIP OR Dallas – 5/2 0231 – Spanish station faded up with “La Compeona” slogan. I've heard Spanish on 880 before but never stayed around to ID it. (MF-CA)
- 910 WCBN WI Hayward – 5/8 0744 – Very poor, with ‘Upside Down’ by Diana Ross. Ad for “??? restaurant on Hwy 63 in Hayward”. Unusual in the fact there was no (usual) WFDF. Rare. (JJR-MI)
- 910 WDOR WI Sturgeon Bay – 5/8 0700 – Poor, with very brief sign-on (no SSB). ABC News, then lost to WFDF. Not common. (JJR-MI)
- 920 WOKY WI Milwaukee – 5/10 0643 – Poor, with ad for “Golf For Less/Southeast Wisconsin – 262-XXX-1600”. A no call slogan(!) for ‘Fox Sports’. WMPL had open carrier! (JJR-MI)
- 920 CFRY MB Portage la Prairie – 5/10 0643 – Poor, with calls and C&W during WOKY commercials. WMPL open carrier. (JJR-MI)
- 940 KGMS AZ Tucson – 5/13 0229 – Weather with ID, into ‘No Greater Love’ program, in and out, Wilkins Radio promo. Faded at 0258. Listed as 250 watts nights! (MF-CA)
- 940 WIDG MI St. Ignace – 5/3 2100 – Poor, thru fade out. Catholic Mass, LID, and lost. (JJR-WI)
- 940 CFNV QC Montreal – 5/1 2234 – Poor, with FF music, song after song. (Still stunting?). Sweeper @ :38. No sign of CJGX. (JJR-WI)
- 950 WERL WI Eagle River – 5/11 0732 – Poor-to-very poor -- ‘America's First News with National ads. Finally: “. . . job opening at WERL”. Trading with WWJ. (JJR-MI)
- 960 KFLN MT Baker – 5/9 2300 – “Real County 960 AM and 98.7 FM” with great ID and liners. Country music and Fox News at the top of the hour, also pitching a new website. (SB-UT)
- 970 KVWM AZ Show Low – 5/10 0900 – “The Talk Giant”, overpowering usually heard KXTA, right after powering up with paid program, calls, and leading into Fox News. (SB-UT)
- 970 WGTK KY Louisville – 4/27 2100 – Poor -- “Veritech(?) 502-XXX-4400”, ad for ‘Tri County Ford’, calls. Basically, alone. (JJR-WI)
- 970 WZAM MI Ishpeming – 5/4 2128 – Poor, with promo for “U-P’s only local sports talk show, ‘The Sports Pen’ on ESPN U-P”. (JJR-WI)
- 980 KOKA LA Shreveport – 5/3 0655 – Faded up briefly with man: “93-3 FM . . . KOKA” intro Urban vocal, messed up shortly thereafter by WRNE day power up. (TK-FL)
- 990 KAYL IA Storm Lake – 5/8 0741 – Poor, with SS music, “Juan” slogan replacing CBW, which was in earlier. Not common. (JJR-MI)
- 1010 WINS NY New York – 4/27 2038 – No CFRB. “1010 Wins is giving away \$10,000 to restart your business”. Poor-alone. (JJR-WI) [again in on 4/29]
- 1010 WINS NY New York – 4/29 2234 – Fair, with “10-10 Wins” almost as loud as WCBS-880, which was weaker. No CFRB. (JJR-WI)
- 1070 CHOK ON Sarnia – 4/29 2114 – ‘CHOK.com’ into C&W. Poor, with two sports stns: WTSO and WFNI. (JJR-WI)
- 1080 WKJK KY Louisville – 4/28 0630 – Poor, with ‘America's First News’, “TalkRadio 1080 WKJK”. ‘Hannity Minute’. (JJR-WI)

- 1100 KFNX AZ Cave Creek – 4/18 0900-0902 – Poor, battling lots of QRN/M, with TOH ID by male: “You're listening to Independent Talk 11-hundred, KFNX, Cave Creek-Phoenix . . . The home of The Dana Show. . . ” into CBS News report by male, “CBS News on the hour. Home of original reporting”. 1 kW at 250 miles. (SB-CA)
- 1110 KBND OR Bend – 4/18 0610-0701 – Poor, battling with lots of QRN/M, and an occasional mix with KDRC. Copied “ . . . welcome back to Coast to Coast” @ 0610 into a discussion with a male caller. After that, female caller came on with “Hello Steve” in reference to Steve Stockton, a C2C repeating guest. At TOH caught partial ID: “. . . FM 100.1 and AM 11-10 . . . KBND . . . a Combined Communications station” into Fox News with a female anchor. 5 kW directed due west into the Pacific at 761 miles. (SB-CA)
- 1150 WGGH IL Marion – 5/3 0726 – ‘Dave Ramsey Show’ replay, break with local announcer mentioning “WGGH.net” and teasing a weather forecast after the news, into SRN News, then Jennifer something from somewhere with the forecast, current temperature 66 degrees, back to Dave Ramsey, then lost to WJBO and WJRD co-channel. And there's Dave Ramsey on the website program schedule for Sunday at this time. New one for me. (TK-FL)
- 1150 WMST KY Mt. Sterling – 4/28 0713 – Poor -- “??? River Insurance” with #606 area code and calls. Lost to others. (JJR-WI)
- 1150 KAGO OR Klamath Falls – 4/18 0600-0610 – Fair-to-poor, under KEIB and lots of QRN/M with TOH ID: “Newstalk 92.9 and 11-50, KAGO, Klamath Falls and K225CW, Klamath Falls” into Fox News with female anchor then into next C2C segment. 1 kW at 654 miles. (SB-CA)
- 1170 WKFL FL Bushnell – 5/4 0718 – Mary Chapin Carpenter and Smokey Robinson tunes, man with “7:18” time check at 0720, into traffic report with a wreck on I-4 at mile marker 39 Lakeland. D1 1000 Watts. (TK-FL)
- 1170 KFOW MN Waseca – 5/8 0738 – Very poor. Mentions of area businesses that are open for carry out-delivery. Alone, but very weak. (JJR-MI) [in again on Monday]
- 1170 KFOW MN Waseca – 5/11 0657 – Poor – “More classic hits on the Train”, then web info. Over others. (JJR-MI)
- 1170 WFDL WI Waupun – 5/2 2204 – Poor, with ‘Doo-Wop-Stop’ with Cool Bobby B. LID for AM, then “FM 103.3 & 93.7”. Streams at ‘am1170radio.com’. Daytimer on late. (JJR-WI) [heard again . . .]
- 1170 WFDL WI Waupun – 5/5 2002 – Poor, with ‘Maybe Baby’ by Buddy Holly, LID for “AM & 103.3 & 93.7 the Source” followed by CBS News on the hour. On late again . . . listen for it. (JJR-WI)
- 1180 KYES MN Rockville – 5/11 0656 – Poor -- Relevant Radio content with WHAM nulled. Not common here. (JJR-MI)
- 1180 WJNT MS Pearl – 5/4 0759 – Man: “You're listening to Central Mississippi’s . . . WJNT, Pearl-Jackson” into Fox News. (TK-FL)
- 1180 KGOL TX Humble – 5/4 0802 – Fading up under WJNT with Mexi-pop vocals, “La Suavecita” slogan by man, ads. Parallel Online Radio Box stream. Poor, eventually lost to WJNT and Radio Rebelde. (TK-FL)
- 1180 KLAY WA Lakewood – 5/10 0700 – A ‘Sacred Heart Radio’ affiliate. Difficult to hear under KOFI, but matching in strength this morning with list of affiliate stations and slogan at top of the hour before religious content. (SB-UT)
- 1190 WBHA MN Wabasha – 5/7 0710 – Very poor, with WNWC phased. “The Best Country – WBHA . . .” Two cities mentioned, then “Wabasha”. (JJR-MI)
- 1190 KDMR MO Kansas City – 4/27 2155 – EWTN Rosary, ‘Mother Angelica’. Poor, but steady, with WOWO nulled. (JJR-WI)
- 1190 WIXE NC Monroe – 5/1 0626 – Tom T. Hall's ‘I Love’ into Reba McEntire song, parallel station stream. WAMT up at 0630, smashing them. Some WOWO co-channel, too. (TK-FL)
- 1190 WNWC WI Sun Prairie – 5/7 0709 – Poor, with “. . . on the Faith Radio Network . . .”. No WOWO. C&W in back. (JJR-MI)
- 1220 WLPO IL LaSalle – 4/28 0709 – ‘Positively 4th Street’ by Bob Dylan. “Classic Hits 103-9 WLPO”. Poor, but alone. (JJR-WI)
- 1220 WDYT NC Kings Mountain – 5/1 0644 – Contemporary Spanish Christian vocals, “Nueva Vida” slogan, parallel delayed TuneIn stream. (TK-FL)
- 1230 WTBC AL Tuscaloosa – 5/7 0721 – Man with “. . . breezy and cool with a high of 67 degrees” into Colin Raye and other Classic Country songs. Parallel station stream. (TK-FL)

- 1230 KINO AZ Winslow – 5/10 0906 – Faded in strongly over others with commercials and short ID before returning to usual music with ‘Margaritaville’. (SB-UT)
- 1230.10+/- WDWR FL Pensacola – 5/7 0744 – This one is quite drifty, 1230.02 up to 1230.10 and mostly holding there at tune-out. EWTN programming, promo for the Guadalupe Radio Network, multi-station ID into more Catholic talk. (TK-FL)
- 1230 WSAL IN Logansport – 4/30 0100 – ID came out at top of hour, poor-fair, possibly the one with 60s oldies, this one is nearby but not common. (KDF-IL)
- 1230 WSOO MI Sault Sainte Marie – 5/5 2109 – Poor, with ‘Chances Are’ by Johnny Mathis. “1230 WSOO” followed by ad and lost. (JJR-WI)
- 1230 KGHS MN International Falls – 5/6 2133 – Poor -- “1230 on the dial – KGHS”. Oldies. Over one other. (JJR-MI)
- 1240 WPAX GA Thomasville – 5/7 0638 – Chicago song, Southern-accented female live-read spot for ‘Bannister Tree Service’ in Thomasville. This one was, for years, always way off frequency at 1240.105, but is back where it should be now. Just in time for WDWR on 1230 to replace them by wandering up. (TK-FL)
- 1240 KBIZ IA Ottumwa – 4/23 0605 – On top, with agricultural promo, ‘AM-FM’ ID, local weather. (KDF-IL)
- 1240 WATT MI Cadillac – 5/7 2127 – Poor, with calls in station promo. Talk format. In with many others. (JJR-MI)
- 1240 WJMC WI Rice Lake – 5/7 2200 – Very poor. Songs by Styx, Gerry Rafferty and 38 Special. LID over WATT. (JJR-MI)
- 1250 KCUE MN Red Wing – 5/7 0802 – Poor, with WSSP easily nulled. “America's Great Country – Bluff Country” LID for AM and FM translator. (JJR-MI)
- 1250 WPGP PA Pittsburgh – 5/1 2216 – Poor, with local WSSP nulled. Equal to WSSP at times though. Possible WGL in short fade ups. “The Answer”. (JJR-WI)
- 1260 WYDE AL Birmingham – 5/8 0650 – Old Country-ish gospel vocals, man ID, with WFTW nulled. New one for me. (TK-FL)
- 1260 WPNW MI Zeeland – 5/9 0749 – Poor -- Ad for ‘Johnson's Carpet One’, more for businesses in Holland-Zeeland, ‘The Pledge’ app. No WSDZ. (JJR-MI)
- 1270 WTLY FL Tallahassee – 5/8 0657 – Rihanna’s ‘Rude Boy’ and other Hip Hoppers, parallel station stream. WIJD, WBOJ, WHKY co-channel. (TK-FL)
- 1270 WXYT MI Detroit – 5/1 2221 – Poor but alone. “CBS SportsRadio 1270”. Not as common as you'd think. Most of sign to NE. (JJR-WI)
- 1270 KAJO OR Grants Pass – 5/10 0000 – Coming in loud after eastern stations switch to nighttime power and KTFI nowhere to be heard. Ad for ‘Evergreen Bank’. (SB-UT)
- 1270 WLIK TN Newport – 4/28 0623 – Poor, with John Denver oldie and calls. Basically alone. (JJR-WI)
- 1280 WGBF IN Evansville – 5/4 2105 – Poor, but no usual WNAM. Fox News, ‘Census’ PSA, “WGBF”, Ben Shapiro. (JJR-WI)
- 1290 WIRL IL Peoria – 4/27 2157 – “Super Hits WIRL”, ‘State Farm’ ad, LID for “1290, 102.7 and 93.3 HD2”. Poor, with WZTI nulled. (JJR-WI)
- 1290 WHIO OH Dayton – 4/27 2158 – Poor, with WZTI nulled. “. . . here on 1290 & 95-7 WHIO” in local talk. (JJR-WI)
- 1310 WCCW MI Traverse City – 5/13 2100 – Poor, with “1310 ESPN Radio. WCCW Traverse City”, THEN power drop! (Not greatest DX, but nice of them to drop the power AFTER LID!) (JJR-WI)
- 1320 KKSM CA Oceanside – 5/12 1449 – Oone of my closest stations, but hard to hear due to hill blocking reception. Heard with a variety of music. Palomar College runs the stations and they play lots of new music. In poor with KWKW-1330 slop at times. (MF-CA)
- 1320 WJAS PA Pittsburgh – 5/2 2121 – Poor, though alone. “info@RadioDeluxe.com” led to IDing as WJAS. 1940s music. (JJR-WI)
- 1320 KELO SD Sioux Falls – 5/7 0740 – Poor, with three to four stations fighting each other. “. . . 107.9 and kelo.com”. (JJR-MI)
- 1330 KGAK NM Gallup – 4/22 0900-0905 – Poor, underneath KWKW and some mixing with fading KCKM. Male in Native American language (presumed Navajo), followed by an ad featuring a different Native American male voice. Twice mentioned a local Gallup telephone number: 505.863.4858 – in the spot. Followed by native chanting. Past local sunrise, more than likely on day power of 5 kW at 450 miles. (SB-CA)



- 1350 KDZA CO Pueblo – 5/9 2200 – Off frequency by 50 Hz, but well-heard calls and local commercials near top of the hour. (SB-UT)
- 1350 KDIO MN Ortonville – 5/9 0743 – Very poor . . . calls popped through, while chasing others. KRNT atop. (JJR-MI)
- 1350 WPDR WI Portage – 4/28 0706 – Poor, but alone. Tuned in to hear “. . . call 608-XXX-1350” into oldies. Alone. (JJR-WI) [In again on 5/3]
- 1350 WPDR WI Portage – 5/3 2111 – Poor, with “Your radio friend – AM 1350 WPDR”. 60s and 70s OLDies. Lost to KRNT. (JJR-WI)
- 1360 KFIV CA Modesto – 4/18 0859-0901 – Fair against KLSB, with a spot for the ‘Mark Levin Show’ ending with “Monday night at 7 on Powertalk 13-60, KFIV”. After some seconds of dead air, TOH ID faded in, “. . . An iHeart radio station, Powertalk 13-60, KFIV, Modesto” by male then into Fox News. About a half-hour prior to local sunrise, 950 Watts nighttime at 374 miles. (SB-CA)
- 1360 KHNC CO Johnstown – 5/10 0000 – “The Roar of the Rockies” coming in strong well after dark, likely still at daytime power. Usual conservative-themed commercials and programming. (SB-UT)
- 1370 WLTH IN Gary – 4/27 2044 – Poor, with “. . . the Gary Community Schools . . . cancelled . . .”, and lost to WSPD. (JJR-WI)
- 1390 WRIG WI Schofield – 5/7 0647 – Poor -- “. . . on Wausau's West Side” in ad. KXSS more common. (JJR-MI)
- 1400 WJLD AL Fairfield – 5/9 0658 – ‘Alabama Coronavirus’ information PSA, Doobie Gray's ‘Drift Away’. Parallel station stream. (TK-FL)
- 1400 WLJN MI Elmwood Township – 5/7 2144 – Very poor, with Bible verses, REL programming // stream. With ESPNeR (WKNW-MI?) -- WCCY nowhere. (JJR-WI)
- 1400 WKNW MI Sault Sainte Marie – 5/10 0829 – Very poor, through WCCY's open carrier. “ESPN 1400”. No others. (JJR-MI)
- 1400 WBIZ WI Eau Claire – 5/7 2141 – Poor, with ‘Africa’ by Toto, ‘\$1000 text in to win from 98-7 The Brew’. WCCY nowhere. (JJR-WI)
- 1400 KKTL WY Casper – 5/9 2200 – Great reception, coming out of a country song with long call: “We've been everywhere to bring you the best country, Classic Country AM 1400, the Cowboy”. (SB-UT)
- 1410 KIIX CO Fort Collins – 5/10 0001 – Brief call heard just after the top of the hour from this elusive 1 kW country music station. Weak reception but no sign of the usual competition. (SB-UT)
- 1410 KLFD MN Litchfield – 5/10 0707 – Poor, with “True Blue Country” and “. . . opening night here in Litchfield”. WIZM nulled. (JJR-MI)
- 1410 KWYO WY Sheridan – 4/24 0746 – “Sheridanmedia.com forecast”, then back to C&W music, punctuated by frequent IDs for ‘106.9 FM and 1410 AM’. Generally fair. (JW-CO)
- 1420 KTAN AZ Sierra Vista – 4/27 0900 – Heavy metal racket; LID at 0902: “KTAN Sierra Vista, Thunder 98-1”; soon lost to the other Arizonian on 1420, KMOG, with ‘Tonto Basin’ weather. (JW-CO)
- 1420 WOC IA Davenport – 5/11 0710 – Poor -- “6:10 at WOC, News Talk 1420”. No usual KTOE. (JJR-MI)
- 1420 KULY KS Ulysses – 5/8 0833 – “Get Up and Go” show in progress, with typical small-town fare, i.e. local ads, weather, markets, local birthdays and anniversaries, etc. Fair. (JW-CO)
- 1420 WHK OH Cleveland – 5/5 2124 – Poor, with “No Safe Spaces” (movie) plug. Area code #402 in ad, “1420 The Answer”. Alone. (JJR-WI)
- 1430 KNXP MN Staples – 5/7 0838 – Poor. “Fan Network” with chatter of Vikings. CHKT wa-a-a-ay in back. Only fit. (JJR-MI)
- 1430 WFOB OH Fostoria – 5/14 2123 – Poor -- Ad for “Big Bear Trucking in Fostoria”. “1430 WFOB and 105.7 FM, ESPN 1430 AM-FOB”. WNXT not in. (JJR-WI)
- 1430 WPLN TN Madison – 4/29 0730 – Poor, with promos for ‘WPLN International’ and ‘BBC’. Lost to WNXT. NEW! **First new log on 1430 since 2009!** That makes: 1430 #18; Tennessee #106; and #2479 total. (JJR-WI)
- 1430 WRDN WI Durand – 5/11 0751 – Poor, with end of ad: “. . . cheese just north of Durand”. Wisconsin and Minnesota weather. Over, possibly, WION. (JJR-MI)
- 1440 KRDZ CO Wray – 5/9 2300 – Very noisy, but clear “Classic Hits 1440”, calls, Fox News, and local weather at the top of the hour with classic rock before and after. (SB-UT)
- 1440 WGMI GA Bremen – 5/4 0645 – ‘Come To the Well’ by Kingdom Heirs, ID, more Southern/Country gospel vocals. Bad WLWI co-channel. (TK-FL)

- 1450 WFMBt IL Springfield – 4/30 2124 – Poor-to -very poor. ESPN noted the past few days here. Closest ESPN'er. Very assumed. (JJR-WI)
- 1450 WNBY MI Newberry – 5/8 2143 – Poor, with weather from “TV 6 Meteorologist Kark Bohnak” into C&W. Despite closeness, not common. (JJR-MI)
- 1450 WDLB WI Marshfield – 5/1 2153 – Poor, out of the mud with “. . . on 1450 WDLB”. Oldies. Then lost. (JJR-WI)
- 1450 WDLB WI Marshfield – 5/7 2136 – Poor, with ‘The Breakup Song’ by Greg Kihn Band, chatter, calls, ads, then lost. (JJR-WI)
- 1460 WGSY AL Phenix City – 5/4 0614 – Man: “The new Mix 94-7” then giddy caller touting her gluten-free cookie recipe. Hot AC format songs. (TK-FL)
- 1460 WBRN MI Big Rapids – 5/14 2049 – Poor – ‘Mark Levin’ and calls in tight WJTI null. Usually KXNO in null . . . not tonight. WBRN not heard in years. (JJR-WI)
- 1460 WBOG WI Tomah – 5/10 0813 – Poor, with “Bog Country 101.3” between Classic Country songs. No KXNO, but over another C&W! (JJR-MI)
- 1460 CJOY ON Guelph – 5/6 2108 – Poor, with 80s and 90s songs, calls. No KXNO. (JJR-MI)
- 1470 WIBD WI West Bend – 5/6 2122 – Poor on tuning in: “@WIBDWestBend.com” into 90s OLDie. WMBD in back. (JJR-MI)
- 1480 KYOS CA Merced – 5/9 2201 – Noisy daytime reception but clear of competition. Oldies music and calls just after the top of the hour, “We’ll bring back memories every weekend”. (SB-UT)
- 1490 WIEZ AL Decatur – 4/29 0728 – Man “. . . 94.7, WIEZ” and faded in massive co-channel. Probably the one a little earlier with James Taylor’s ‘Country Road’ and Billy Joel’s ‘The Entertainer’. First log of this from anywhere for me. (TK-FL)
- 1490 WBBL MI Whitehall – 5/13 2200 – Poor, in fade up. Ad for ‘AARP’, LID for “1340 WJRW, the translator, and WBBL, The Ticket”. Not heard in a while. (JJR-WI)
- 1490 WANG MS Biloxi – 4/29 0702 – Bubbled up with man ID, into modern C&W song, immediate fade in lots of co-channel. ‘Everybody Wang Chung?’ Wang Dang Doodle? (TK-FL)
- 1500 KSJX CA San Jose – 4/18 0955-1002 – Very poor against mainly QRN/M with male speaking in Vietnamese mentioning “San Jose, California”. Brief jingle noted at 0959 into female speaking in Vietnamese. Probably on day power of 10 kW, ~30 minutes after local sunrise at 397 miles. (SB-CA)
- 1500 WFED DC Washington – 4/29 0701 – Poor, with CBS News, in fade-up over KSTP, then gone and lost to KSTP. (JJR-WI)
- 1510 KCKK CO Littleton – 5/14 0247 – Tuned in to Rock song, “The Rock” slogan and into another song. Tried again 5/15 and too much KSFN. (MF-CA)
- 1520 KKZZ CA Port Hueneme – 4/21 0800 – LID: “KKZZ 1520 AM Port Hueneme, K242CW 96.3 FM Oxnard – La Voz 1520, mejorando la comunicacion”; 0801 back to “Buenos Dias America” program on the TuDN network. Fair, in KOKC null. A needed call change here: ex-KVTA. (JW-CO)
- 1520 KYND TX Cypress – 5/2 0656 – Running a continuous sales pitch loop. Male voiced “This is AM 1520, KYND Cypress-Houston . . . KYND might be the option for you . . . Our 25,000 Watt signal reaches . . . Call 281-373-1520 . . . Please see RadioLocator . . . Check our coverage at RadioLocator.com . . .” [conveniently not mentioning they're daytime/critical hours only]. Fascinating to hear a loop on AM, on anything beyond a HAR/TIS. (TK-FL)
- 1530 WTTI GA Dalton – 5/20 0708 – Bluegrass gospel. No station listed with this format on 1520. “Hope 93.3, and here's more of Mark & Gene, the leader in Bluegrass” into ‘I've Just Seen the Rock Of Ages’ by Ralph Stanley. Turns out it's WTTI, a Contemporary Christian station, but with this syndicated Bluegrass Gospel show Saturdays from 7-8 AM ET, “The Bluegrass Hour” (simply listed as Bluegrass on the station schedule page). Station stream not working, but parallel Streema's feed. D1 station; first time logged for me. (TK-FL)
- 1530 WLAK WI New Holstein – 5/5 2033 – Poor -- songs by Ricky Nelson and T. Rex. “True Oldies 1590 WGBW” (//). Could not hear WGBW though. (JJR-WI)
- 1539.905 KGBC TX Galveston – 4/30 0700 – Man with canned ID, into English raggae-ish tune. Good to know they're still way off-frequency. (TK-FL)
- 1540 KENT NV Enterprise – 5/9 2200 – Competition from KMPC and KXEL, but great clear reception of soft-spoken top of the hour call and ID overriding Spanish language program mid-sentence. (SB-UT)



- 1550 KXEX CA Fresno – 4/23 0759 – ID in Spanish (so not a legal ID): “K-X-E-X Fresno, California”; the ID was preceded by and followed by SS religious programming. Rough copy in QRM. (JW-CO)
- 1550 KXEX CA Fresno – 5/10 0000 – Format change for this former Spanish religious station. Now Talk 1550 KXEX, “The Central Valley's Home for ABC News”. Promo for Dick Delgado's Rhythm Roundup program. (SB-UT)
- 1550 KAPE MO Cape Girardeau – 5/1 2057 – Poor, with no sign of CBEF. “Cape Radio 100.3”. Michael Savage. (JJR-WI)
- 1560 WSLA LA Slidell – 4/30 0706 – Network spots, ‘America's First News’ feed, male canned: “WSLA, New Orleans and now on FM, W230CR 93.9”. (TK-FL)
- 1560 KBEW MN Blue Earth – 5/7 0827 – Poor, with “. . . restaurant and bar, curbside on the west side of Blue Earth”. Lost to KLNG. (JJR-MI)
- 1570 KDIZ MN Golden Valley – 5/9 0717 – Poor, no WLKD, leaving this “Freedom 1570”, over an unID C&W . . . but who? (JJR-MI)
- 1570 KAKK MN Walker – 5/6 2018 – ‘Running Down a Dream’ by Tom Petty and calls. With others. (JJR-MI)
- 1570 WKBH WI Holmen – 5/6 2113 – Poor, with “Relevant Radio” said twice. Only affiliate on frequency. (JJR-MI)
- 1570 WLKD WI Minocqua – 5/5 2132 – Poor, with softer OLDies/NOS. “The Lake AM 1570” and lost to WFUR later. (JJR-WI)
- 1590 WNTS IN Beech Grove – 5/5 2134 – Poor -- ‘La Pantera’ and tiger sound (“growl”), really cutting through others. (JJR-WI)
- 1590 WAKR OH Akron – 4/29 2120 – Poor, with “93.5 WAKR” into ads with ‘234’ area code. Captain & Tennile song. There was a time when this was almost dominant at night. (JJR-WI)
- 1690 WPTX MD Lexington Park – 4/27 2053 – Poor, with Barry Manilow song, calls. WVON would fade in/up. (JJR-WI)
- 1690 CHTO ON Toronto – 5/4 0548 – Presumed. Greek man with almost sermon-like cadence, slight WPTX co-channel. (TK-FL)
- 1700 WJCC FL Miami Springs – 5/1 2203 – Poor, with ETHnic programming, matching station stream. “Miami.gov.com” and “telephono”. No sign of KBGG! (JJR-WI)

From the *DX News* archives

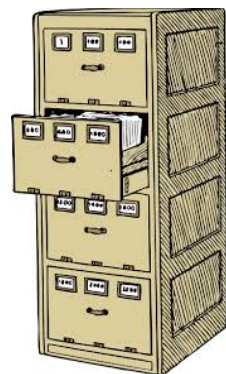
75 Years Ago – From the May 19, 1945 issue of *DX News*: Al Bartholomew of Corning, N.Y. recapped his best verifications of the past DX season, including KGLU (Safford AZ 1450), KPAS (Pasadena CA 1110, “at least I had California complete once in my DX career,” Al wrote), KBUR (Burlington IA 1490 to complete Iowa), KOVO (Provo UT 1240), WJPA (Washington PA 1450 to complete Pennsylvania), KTYW (Yakima WA 1460), and KONP (Port Angeles WA 1450), plus HJAK (Barranquilla, Colombia 1310) and TIEP (San José, Costa Rica, 830). (As was the custom in those days, *DX News* printed only the call letters; locations and frequencies added per 1945 Broadcasting Yearbook)

50 Years Ago – From the May 16, 1970 issue of *DX News*: Richard Wood in Hawaii noted the new station in New Caledonia on 670 kHz, but recommended not bothering to try for it “only when at least 6 Aussies are coming in fairly well.” Russ Edmunds published a lengthy article about audio filters, which were just beginning to be used by DXers. Several members in Musings noted that they had not received any issues since March 14 (no doubt due to the wildcat postal strikes earlier that spring).

25 Years Ago – From the May 22, 1995 issue of *DX News*: Kiwa Electronics announced the “Magic Tuning Eye,” to supplement less accurate S-meters. Wayne Heinen was organizing the NRC convention in Aurora CO, while Frank Aden was leading the effort on the IRCA convention in Boise. Many loggings of KUSA-1660, the NAB convention station in Las Vegas, were reported from all around the country in early April. (Odd – I thought I remembered hearing this, and then I noticed that I have loggings in DDXD in this issue, but not of this station. This is why we keep logbooks! – DY)

10 Years Ago – From the May 17, 2010 issue of *DX News*: The passing of longtime Detroit Tigers announcer Ernie Harwell was noted. Preparations for the NRC/WTFDA joint convention in Rochester NY were well underway. Radio Bremen-936 in Germany permanently shut down; when the station was taken off the air temporarily, only 200 listeners responded with complaints.

All *DX News* editions from Volume 1 Issue 12 through Volume 84 are now available free to the public at the NRC web site: <http://nationalradioclub.org/DXNs/index.html>.



International DX Digest

Bruce Conti, 46 Ridgfield Drive, Nashua NH 03062-1174

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

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 171 **MOROCCO** *R.Mediterranee Internationale*, Nador MAY 6 0355 – Very poor but audible with Arabic music, female announcer in Arabic 0402, improved from poor to fair then back to poor. Came back 0408 with male and female talk, by 0414 faded out under noise. [Gonciarz-NY]
- 234 **LUXEMBOURG** *RTL Junglinster* MAY 6 0335 – Lively talk in French, male and female, fair/poor but very audible. 0341 French talk continued with male announcer, still poor to fair but very poor by 0354 UTC. [Gonciarz-NY]
- 252 **ALGERIA** *R.Algerienne*, Tipaza MAY 2 0330 – Came in poor but still audible with female announcer in French, then music at 0331 UTC. Most nights now LW is very poor and noisy. MAY 6 0318 – Poor to fair with Arabic music to 0325, pop/orchestra music 0328 with vocals, female announcer 0330 UTC. Faded 0331 but was still audible with pop music. Checked back later 0431 talk in French, poor but audible. [Gonciarz-NY]

Transatlantic carrier search: MAY 13 0439 – Must do this earlier now with earlier sunrises. None lower than 837, 891 where first noticed, 936(2), 999, 1089, 1107, 1125, 1152, 1305(2), 1566 kHz. Nearest storms are along Texas Gulf coast down from Houston. [Hauser-OK]

PAN-AMERICAN DX

- 711 **CUBA** *R.Rebelde*, unknown location MAY 6 0205 – Off-frequency het upon legit 710 stations such as KCMO; even stronger at 0222. Also a beat of about 3 Hz between two off-frequency 1 kHz het signals when tuned to 710-USB. At 0225, I isolate 711 as much as possible and attempt to hear any modulation to match *R.Rebelde* on 5025; JBA but not 100% positive. 711 still there at 0601, vs Mexican national anthem in the 710 mix. At this time there are no TA 9-kHz signals on the lower half of band; one JBA carrier on 846, presumed from night-path Kiritimati. [Hauser-OK]
- 760 **BRAZIL** ZYH588 *R.Uirapurú*, Fortaleza MAY 12 0250 – Male announcer in assumed Portuguese, song with female vocalist finally cut through and allowed me to confirm it was parallel to cxbroadcast.com.br stream. Very poor under WJR with possibly Colombia. [Snider-ON]
- 760 **MEXICO** XEABC *ABC Radio*, Los Reyes de la Paz, Edo.Méx. MAY 1 0940 – Eagles, Madonna, Laura Branigan, Mr. Mister hits, man canned "ABC Radio" between every couple tracks. [Krueger-FL]
- 830 **MEXICO** XEITE *R.Capital*, México, DF APR 28 1102 – U2, man with canned "Esto es 830 AM, Radio Capital." Then Duran Duran, Thompson Twins, No Doubt pop hits. This was briefly "Quiéreme 830" but flipped back to *R.Capital* on February 14, after some frequency shuffling, per Wiki. Excellent. [Krueger-FL]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara MAY 9 0358 – Under WHAS and WRYM; choral national anthem and canned ID. [Conti-NH]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse MAY 17 0200 – Interval signal heard through WHAS. [Conti-NH]
- 1140 **CUBA** *R.Surco*, Morón MAY 9 0401 – In mix with WRVA and CBI; choral national anthem and canned ID. [Conti-NH]
- 1150 **CUBA** *R.Bayamo*, Bueycito MAY 17 0100 – Through WWDJ and WDEL; doorbell chimes. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena MAY 17 0100 – Over/under WWVA; Caracol Radio with fanfare. [Conti-NH]
- 1530 **MEXICO** XEUR *Extasis Digital*, México, DF MAY 2 1059 – Choral anthem in progress, man with ID, rooster crow. [Krueger-FL]
- 1620 **U.S. VIRGIN ISLANDS** WDHP Frederiksted MAY 1 0306 – Reggae music, coming in fair over *R.Rebelde*, then disappeared under it and another Cuban. Initially confirmed it by online live stream. It came back several times within the hour and at 0407 I finally heard a positive station ID, "The Reef 103.5." I've been trying to log this one for a long time. Persistence paid off! [Gonciarz-NY]



CONTRIBUTORS

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, variable termination Super/Ewe antennas 15 x 23-m at 60° northeast and 180° south.

Peter Gonciarz, Marilla NY; Drake R8A, Alpha-Delta DX-SWL Sloper (60-ft).

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.

Paul Snider, London ON; Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C as tuner.

INTERNATIONAL NEWS

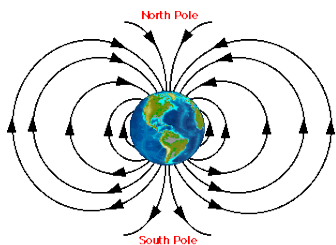
MEXICO: 1560 XELAC informed me that they turned off their AM. I think it actually took place around last July. [Tim Hall]

MEXICO: Mexico's first 7-letter call is on the air. 1620 XECSCGU Guachochi, Chih. began regular transmissions May 7th (their first test was January 10th). They are using a second-hand transmitter, and trying to raise funds for a new one. Licensed power may be 2 kW, as that is the power of the transmitter they want to buy. Slogan is "CREO Radio, Columna y Baluarte de la Verdad." The acronym of the licensee's organization CREO (Spanish for "I believe") stands for Centro de Rehabilitación El Olivo, A.C. I've been listening to XECSCGU live stream, automated Spanish contemporary Christian music (which can mimic any other popular Mexican music genre) with automated time checks between songs (male voice, 3 minutes fast). The top-of-hour ID (about a minute and a half early) included slogans and call letters, but no mention of power. It seems fully automated; I have yet to hear a live announcer. It's conceivable they may broadcast in native languages as well (their promotional videos talk about serving the local indigenous population), but I have only heard Spanish on their live stream so far. Station web site is <https://olivoministerio200.wixsite.com/creoradio>, live stream <http://mixlr.com/oscar10>, and Facebook page is <www.facebook.com/CreoRadio2001>. [Tim Hall]

MEXICO: CP's have been granted for three social/indigenous stations in the X band in Morelia (power unknown); 1620 XECSIA Pátzcuaro, 1640 XECSIB Zamora, and 1680 XECSIC Morelia. [Tim Hall]

PHILIPPINES: The ABS-CBN Network has been ordered to stop transmitting. This includes the flagship big gun 630 DZMM and also 765 DYAP, 1296 DXAB and 1512 DYAB. Apparently the dispute is related to the current China-influenced "president" attempting to limit freedom of speech in the country during the pandemic. [Gary DeBock via Mauno Ritola, *mwmasts*]

73 and Good DX!



Geomagnetic Indices

Geomagnetic Summary April 2020

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

<ftp://ftp.swpc.noaa.gov/pub/forecasts/www/>

Date	Flux	A	K	Space Weather
4/ 1	69	6	2	no storms
2	69	7	3	no storms
3	70	8	4	no storms
4	70	5	2	no storms
5	71	5	1	no storms
6	70	3	0	no storms
7	70	4	2	no storms
8	70	13	3	no storms
9	70	5	1	no storms
10	69	5	1	no storms
11	71	6	2	no storms
12	71	7	1	no storms
13	70	5	2	no storms
14	69	8	3	no storms
15	68	7	1	no storms

Date	Flux	A	K	Space Weather
16	69	5	0	no storms
17	68	4	1	no storms
18	70	4	0	no storms
19	69	3	0	no storms
20	68	18	1	minor, G1
21	69	9	3	no storms
22	71	8	2	no storms
23	69	4	2	no storms
24	71	8	3	no storms
25	69	5	0	no storms
26	69	6	2	no storms
27	69	7	2	no storms
28	69	6	1	no storms
29	70	3	1	no storms
4/30	70	2	0	no storms

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

Visit the NRC on Facebook: <https://www.facebook.com/groups/509246815818550/>

Musings of the Members

Dave Schmidt, 49 N. Sumner Street, York PA 17404, NRCMusings@aol.com

Ron Musco – Poquonock CT

Back in time with Ron. Jerry Starr gave me this title because I don't have any. I received my first *DX News* in an envelope April 1962. I was attending the Ward School of Electronics (part of Univ. of Htfd). I built a Heathkit GC-1a Mohican and aligned it at the school's lab. I traded it in for a new HQ-180A, still have the receipt showing I paid \$390 for it in 1963. I graduated in the fall of 1963 and the final semester was Computer Technology and for a final I assembled a memory unit from scratch that was used in a lab made computer, I still have that memory. I got a job at the old Hamilton Standard (now Collins Aerospace yes that Collins of Iowa) working in the Electronics Dept. Engineering Lab. Jet engine fuel controls, CH-53E Sikorsky flight controls as well as the Hughes Apache were my bailiwick, all computer driven. I didn't have time to DX so I never got Hawaii which used to be heard in New England. Next receiver is an Amelco R390A that I used extensively. I hosted the 1975 Windsor Locks convention, the 1983 50th anniversary, the 1993 both in Enfield, Ct. Bruce Conti and I had been talking to Bob Bittner, he of WJIB fame who said we could use his XR sit on an ocean inlet ion Belfast, Maine. I visualized a clambake, antennas in the ocean, Straub's beer in the water..the BoDir shot it down as they felt the cost of motel rooms would be high. Bruce put time in talking to convention motel sites also-ah what might have been another convention passed us by. So I said expletive deleted and the last convention I attended was New Hampshire in 1994. The most prolific verie signer I have is Herr Schmitt with eight letters the first being for 1520-WCHE. I met Schmitt at the Vince Lombardi Rest Stop in New Jersey one day and I parted with some cash and he parted with three R-390As all worked. I sold two at Hamilton and kept one. I've got spare parts for both, new filter caps, ballast tube electronic replacements,etc. and the last receiver is Al Merriman's Drake R8. I was using K9AY terminated loops and they were great However, two early snow storms where one of them caused a power loss for one week and disease took out another tree so I lost my supports in the back yard leaving a mast the way out. Ron

Denny Adkins KE8KLH – Huntington WV

Ain't no cure for the summertime blues, they say. That dreadful hum that usurps the crisp, clear reception of long winter nights. Being an AMer from boyhood I have striven to maintain my AM way of life through the summer. Equipment. I did not know what radio was all about until I hooked up my old HAMMARLUND to an amplified 4ft box loop. Wow! What does summer have to do with it? Presently, I'm using a CCrane 2E on a lazy Susan with a GRUNDIG 200 passive loop and a magnetic copper wire. I've got a Twin-Coil Ferrite Signal Booster on the way and we'll see if the 2E is all its cracked up to be. My current favorite is semi-local 610 WTVN, Columbus, Ohio. I got the null figured so I'll give it a spin and see what shows up. I'll let you know.

Wayne Heinen – Aurora CO

Moving right along my total logged since September 1, 2019 is up to 607, best season I've ever had and includes 56 new stations and 20 call changes logged. I haven't caught all the way up to anything current so the highlights are listed here instead of DDXD-W. 4/4 – 0700 "News Radio" KORN-1490 up briefly to ABC News. Thanks to Rick Dau for help with this ID. 04/11 at 0300 out of "Close to You" AC/Old music and KOBM call ID. Taped needed call change then at 0700 "KBYG Big Spring..." call sign ID new from me and taped. Last one for the 4/11 morning tapes at 0900 out of music "K Jim KJIM Sherman" to CBS News under powerhouse KSTP. In the evening hours another new one at 2300 out of program notes "WBBZ Ponca City". 4/12 – 0000 Multi Station "St George Radio News" ID to USA Net News from 1400 KAZZ in Parowan UT, this was a needed call change and a big change from their old Fox News based format (See AMS for ARL details). Then at 0100 coming out of SS music "KAFY" call ID in accented EE another new one for me. I had seen a mention on the IRCA list server that this one was likely on day power on this date and was heard widely. Sure enough they were there. That's nine new and call changes logged since last Muse. I also relogged another 13 to get to the new 607 total on the year. I've been taping about two over nights per week and have 9 nights to review between mid-April and the middle of May. I am looking to target taping overnight when the T-Storm predictions out to 1000 miles are minimal. I'm getting a few large ferrite toroids and will be winding some common mode chokes to see if I can cut down on some of the oddball noises in my recordings. More info at <https://www.rmham.org/course-syllabus/> in the classes November 18, 2017 – Getting a Handle on RF Noise and Interference and Getting a Handle on RF Noise and Interference.

On a personal note, the radio shop I work for (<https://www.tripleccom.com/>) never did shut down. My assignments slowed down but construction is still happening and RF surveys to ensure proper reception by public service radios within buildings is still required to get a certificate of occupancy. 73 till next time.

GRAVEYARD DX ACHIEVEMENTS

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NEWS TALK 1400 AM
WOND
RADIO YOU CAN DEPEND ON

1400 kHz

Updated as of May 16, 2020

KLIN
News Talk
1400 AM

Station	State	City	DXer	DX Location	Miles
WMSL	AL	Decatur	Joe Fela (SK)	Newark, NJ	819
WXAL	AL	Demopolis	Kraig Krist	Manassas, VA	722
WJLD	AL	Fairfield	Russ Johnson	Lexington, NC	411
WDLL	AL	Fort Payne	Barry McLarnon	Ottawa, ON	919
WFPA	AL	Fort Payne	Russ Edmunds	Parsippany, NJ	759
WJHO	AL	Opelika	Charles Reh	Leamington, ON	667
WJHO	AL	Opelika	Gary Siegel	Toledo, OH	631
KSEW	AK	Sitka	Pete Taylor	San Francisco, CA	1459
KJKJ	AZ	Flagstaff	John Johnson	Sheridan, WY	709
KXIV	AZ	Phoenix	Ernie Wesolowski	Omaha, NE	1026
KRVZ	AZ	Springerville	Wayne Heinen	Aurora, CO	454
KTUC	AZ	Tucson	Wayne Heinen	Aurora, CO	615
KCYK	AZ	Yuma	Sean Breazeal	Stansbury Park, UT	567
KELD	AR	El Dorado	Charles Reh	Leamington, ON	932
KELD	AR	El Dorado	Wayne Heinen	Aurora, CO	804
KCLA	AR	Pine Bluff	Carl Dabelstein	Lincoln, NE	523
KWYN	AR	Wynne	Bill Dvorak	Madison, WI	543
KVTO	CA	Berkeley	Richard E. Wood (SK)	Hilo, HI	2333
KVTO	CA	Berkeley	Tim Hall	Fitz Hugh Sound, BC	1001
KVTO	CA	Berkeley	Tim Hall	Chula Vista, CA	465
KIHH	CA	Eureka	Tim Hall	West Glacier, MT	727
KRCQ	CA	Indio	Steve Kamp	San Jose, CA	404
KQMS	CA	Redding	John Johnson	Sheridan, WY	833
KKJL	CA	San Luis Obispo	Richard E. Wood (SK)	Hilo, HI	2354
KSLY	CA	San Luis Obispo	Phil Bytheway	Seattle, WA	858
KKZL	CA	Santa Paula	Richard E. Wood (SK)	Hilo, HI	2421
KQIQ	CA	Santa Paula	Phil Bytheway	Seattle, WA	933
KTRT	CA	Truckee	Nancy Johnson	Aberdeen, WA	558
KUKI	CA	Ukiah	Tim Hall	West Glacier, MT	789
KONG	CA	Visalia	Phil Bytheway	Seattle, WA	793
KRLN	CO	Canon City	Shawn Axelrod	Winnipeg, MB	871
KRLN	CO	Canon City	Tim Hall	Chula Vista, CA	779
KDTA	CO	Delta	Shawn Axelrod	Winnipeg, MB	927
KDTA	CO	Delta	Tim Hall	Grand Canyon North Rim, AZ	281
KFTM	CO	Ft. Morgan	Tim Hall	Tombstone, AZ	685
KBLJ	CO	La Junta	Bill Dvorak	Madison, WI	826
KWUF	CO	Pagosa Springs	John Wilkins	Wheat Ridge, CO	203
WSTC	CT	Stamford	Jeff Falconer	Clinton, ON	447
WSTC	CT	Stamford	Tim Hall	Tom Nevers, MA	184
WILI	CT	Willimantic	Gary Siegel	Toledo, OH	587
WILI	CT	Willimantic	Gary Siegel	Toledo, OH	587
WILI	CT	Willimantic	Jeff Falconer	Clinton, ON	487
WFTL	FL	Fort Lauderdale	Marc DeLorenzo	Hyannis, MA	1209
WIRA	FL	Fort Pierce	Steve Francis	Alcoa, TN	614
WFAV	FL	Fort Walton Beach	Barry McLarnon	Ottawa, ON	1188
WNUE	FL	Fort Walton Beach	Steve Francis	Alcoa, TN	402
WZAZ	FL	Jacksonville	Mike Hardester	Jacksonville, NC	394
WSDO	FL	Sanford	Gary Siegel	Toledo, OH	899
WZHR	FL	Zephyrhills	Russ Johnson	Lexington, NC	534
WAJQ	GA	Alma	Don Trelford (SK)	Runaway Bay, Jamaica	962
WVNF	GA	Alpharetta	Steve Francis	Alcoa, TN	117
WCLB	GA	Camilla	Karl Jeter	Stone Mountain, GA	182

WGHC	GA	Clayton	Steve Francis	Alcoa, TN	72
WWRK	GA	Elberton	Steve Francis	Alcoa, TN	129
WNEX	GA	Macon	Russ Edmunds	Blue Bell, PA	686
WHBS	GA	Moultrie	Kraig Krist	Manassas, VA	631
WSGA	GA	Savannah	Marc DeLorenzo	Hyannis, MA	890
WSGA	GA	Savannah	Jeff Falconer	Clinton, ON	799
KART	ID	Jerome	Tim Hall	Revillagigedo Channel, AK	1122
KART	ID	Jerome	Tim Hall	Chatham Sound, BC	1099
KART	ID	Jerome	Tim Hall	Silver City, NM	769
KRPL	ID	Moscow	MB DXPedition	Valhalla Beach, MB	966
KRPL	ID	Moscow	John Wilkins	Wheat Ridge, CO	769
KSTP	ID	Sandpoint	Ernie Wesolowski	Omaha, NE	1111
KSTP	ID	Sandpoint	Tim Hall	Jasper, AB	324
KIGO	ID	St. Anthony	Shawn Axelrod	Winnipeg, MB	789
KIGO	ID	St. Anthony	Tim Hall	Whitehall, MT	134
WDWS	IL	Champaign	Joe Fela (SK)	Newark, NJ	741
WDWS	IL	Champaign	Barry McLarnon	Ottawa, ON	729
WGIL	IL	Galesburg	Barry McLarnon	Ottawa, ON	794
WGIL	IL	Galesburg	Steve Francis	Alcoa, TN	496
WEOA	IN	Evansville	Jeff Falconer	Clinton, ON	502
WROZ	IN	Evansville	Carl Dabelstein	Lincoln, NE	526
WBAT	IN	Marion	Shawn Axelrod	Winnipeg, MB	841
WBAT	IN	Marion	Russ Edmunds	Parsippany, NJ	590
KCOG	IA	Centerville	Shawn Axelrod	Winnipeg, MB	651
KCOG	IA	Centerville	Gary Siegel	Toledo, OH	491
KADR	IA	Elkader	Shawn Axelrod	Winnipeg, MB	546
KADR	IA	Elkader	Neil Kazaross	Barrington, IL	173
KVFD	IA	Fort Dodge	Tim Hall	US 6/50 at NV/UT Border, UT	1061
KVFD	IA	Fort Dodge	Shawn Axelrod	Winnipeg, MB	517
KVOE	KS	Emporia	Shawn Axelrod	Winnipeg, MB	782
KVOE	KS	Emporia	Niel Wolfish	Winnipeg, MB	782
KVOE	KS	Emporia	Tim Hall	I-35 10 mi. from Emporia, KS	10
KAYS	KS	Hays	Shawn Axelrod	Winnipeg, MB	768
KAYS	KS	Hays	Morris Sorensen (SK)	Winnipeg, MB	768
KAYS	KS	Hays	John Wilkins	West Des Moines, IA	351
WCYN	KY	Cynthiana	Carl Dabelstein	Lincoln, NE	650
WIEL	KY	Elizabethtown	Jeff Falconer	Clinton, ON	469
WIEL	KY	Elizabethtown	John J. Rieger	South Milwaukee, WI	376
WFTG	KY	London	Ernie Wesolowski	Omaha, NE	705
WFPR	LA	Hammond	Steve Francis	Alcoa, TN	525
KAOK	LA	Lake Charles	Carl Dabelstein	Lincoln, NE	761
WEZW	ME	Augusta	Barry McLarnon	Ottawa, ON	304
WMME	ME	Augusta	Carl Dabelstein	Omaha, NE	1333
WIDE	ME	Biddeford	Joe Kureth (SK)	Uniontown, MD	360
WIDE	ME	Biddeford	Barry McLarnon	Ottawa, ON	293
WWNZ	ME	Veazie	Barry McLarnon	Ottawa, ON	350
WWIN	MD	Baltimore	Denis Picard	Trois-Rivières-Ouest, QC	528
WWIN	MD	Baltimore	Steve Francis	Alcoa, TN	472
WHTB	MA	Fall River	Barry McLarnon	Ottawa, ON	345
WHTB	MA	Fall River	Joe Kureth (SK)	Uniontown, MD	345
WLLH	MA	Lowell	Joe Kureth (SK)	Uniontown, MD	367
WLLH	MA	Lowell	Barry McLarnon	Ottawa, ON	291
WHMP	MA	Northampton	Jeff Falconer	Clinton, ON	459
WHMP	MA	Northampton	Russ Edmunds	Blue Bell, PA	203
WRCC	MI	Battle Creek	Russ Edmunds	Blue Bell, PA	537
WRCC	MI	Battle Creek	Barry McLarnon	Ottawa, ON	514
WJLB	MI	Detroit	Carl Dabelstein	Lincoln, NE	708
WQBH	MI	Detroit	Shawn Axelrod	Winnipeg, MB	839
WLJN	MI	Elmwood Township	Russ Edmunds	Blue Bell, PA	619
WLJN	MI	Elmwood Township	Barry McLarnon	Ottawa, ON	484
WCCY	MI	Houghton	Kraig Krist	Manassas, VA	812
WCCY	MI	Houghton	Shawn Axelrod	Winnipeg, MB	432

WGON	MI	Munising	Carl Dabelstein	Lincoln, NE	31
WQXO	MI	Munising	Jeff Falconer	Clinton, ON	634
WSAM	MI	Saginaw	Shawn Axelrod	Winnipeg, MB	315
WSAM	MI	Saginaw	Carl Dabelstein	Lincoln, NE	763
WKNW	MI	Sault Ste. Marie	MB DXpedition	Valhalla Beach, MB	677
WSJM	MI	St. Joseph	Barry McLarnon	Ottawa, ON	643
WSJM	MI	St. Joseph	Gary Siegel	Toledo, OH	578
WTCM	MI	Traverse City	Gary Siegel	Toledo, OH	152
KMHL	MN	Marshall	Ron Schiller (SK)	Monmouth Beach, NJ	238
KMHL	MN	Marshall	Jeff Falconer	Clinton, ON	1145
WMIN	MN	St. Paul	Gary Siegel	Toledo, OH	709
WMIN	MN	St. Paul	Morris Sorensen (SK)	Winnipeg, MB	536
WHLB	MN	Virginia	Morris Sorensen (SK)	Amaranth, MB	388
WBIP	MS	Booneville	Barry McLarnon	Ottawa, ON	352
WBIP	MS	Booneville	Ernie Wesolowski	Omaha, NE	1002
WMBC	MS	Columbus	Steve Francis	Alcoa, TN	614
WFOR	MS	Hattiesburg	Steve Francis	Alcoa, TN	298
WJQS	MS	Jackson	Steve Francis	Alcoa, TN	455
WKXI	MS	Jackson	Barry McLarnon	Ottawa, ON	429
KFRU	MO	Columbia	Pete Taylor	San Francisco, CA	1186
KJCF	MO	Festus	Gary Siegel	Toledo, OH	1632
KSIM	MO	Sikeston	Dave Whatmough	Hamilton, ON	433
KSIM	MO	Sikeston	Gary Siegel	Toledo, OH	679
KGBX	MO	Springfield	Shawn Axelrod	Winnipeg, MB	464
KTTS	MO	Springfield	John Wilkins	Wheat Ridge, CO	884
KDRG	MT	Deer Lodge	Ernie Wesolowski	Omaha, NE	661
KXGN	MT	Glendive	Tim Hall	US 6/50 at NV/UT Border, UT	901
KXGN	MT	Glendive	Morris Sorensen (SK)	Leaf Rapids, MB	727
KARR	MT	Great Falls	Pete Taylor	San Francisco, CA	570
KXGF	MT	Great Falls	Tim Hall	Jasper, AB	872
					479



KBRB	NE	Ainsworth	Phil Bytheway	Seattle, WA	1149
KCOW	NE	Alliance	Tim Hall	US 6/50 at NV/UT Border, UT	622
KCOW	NE	Alliance	Shawn Axelrod	Winnipeg, MB	591
KLIN	NE	Lincoln	Tim Hall	Winnipeg, MB	612
KLIN	NE	Lincoln	Shawn Axelrod	Winnipeg, MB	612
KLIN	NE	Lincoln	Neil Kazaross	Barrington, IL	451
KLIN	NE	Lincoln	John Wilkins	Wheat Ridge, CO	451
KBMI	NV	Henderson	Phil Bytheway	Seattle, WA	882
KSHP	NV	North Las Vegas	Tim Hall	Crescent City, CA	628
KNNR	NV	Sparks	Tim Hall	Chula Vista, CA	502
KWNA	NV	Winnemucca	Ernie Wesolowski	Omaha, NE	1123
WTSL	NH	Hanover	Russ Edmunds	Blue Bell, PA	288
WLTN	NH	Littleton	Joe Kureth (SK)	Uniontown, MD	425
WLTN	NH	Littleton	Barry McLarnon	Ottawa, ON	210
WOND	NJ	Pleasantville	Tim Hall	Tampa, FL	913
WOND	NJ	Pleasantville	Niel Wolfish	Louisbourg, NS	863
KMIN	NM	Grants	Tim Hall	San Diego, CA	552
KTRC	NM	Santa Fe	Carl Dabelstein	Omaha, NE	668
KCHS	NM	Truth or Consequences	Tim Hall	US 6/50 at NV/UT Border, UT	558
KTNM	NM	Tucumcari	Steve Kamp	San Jose, CA	1025

WABY	NY	Albany	Gary Siegel	Toledo, OH	505
WAMC	NY	Albany	Niel Wolfish	Miscou Island, NB	580
WWWS	NY	Buffalo	Barry McLarnon	Ottawa, ON	226
WYSL	NY	Buffalo	Russ Edmunds	Parsippany, NJ	268
WDNY	NY	Dansville	Neil Kazaross	Barrington, IL	534
WDNY	NY	Dansville	Barry McLarnon	Ottawa, ON	217
WSLB	NY	Ogdensburg	Neil Kazaross	Barrington, IL	658
WSLB	NY	Ogdensburg	Charles Reh	Leamington, ON	401
WBTB	NC	Beaufort	Barry McLarnon	Ottawa, ON	738
WGBC	NC	Greensboro	John Wilkins	West Des Moines, IA	832
WKEW	NC	Greensboro	Barry McLarnon	Ottawa, ON	676
WAVQ	NC	Jacksonville	Russ Edmunds	Blue Bell, PA	378
WMFA	NC	Raeford	Russ Edmunds	Blue Bell, PA	418
WSHB	NC	Raeford	Barry McLarnon	Ottawa, ON	740
WSIC	NC	Statesville	Barry McLarnon	Ottawa, ON	713
WSIC	NC	Statesville	Neil Kazaross	Barrington, IL	587
WLSE	NC	Wallace	Joe Kureth (SK)	Southern Pines, NC	85
WHCC	NC	Waynesville	Steve Francis	Alcoa, TN	60
WCNF	NC	Weldon	Russ Edmunds	Kinnelon, NJ	363
KEYJ	ND	Jamestown	Charles Reh	Leamington, ON	860
KQDJ	ND	Jamestown	Tim Hall	US 6/50 at NV/UT Border, UT	943
WMAN	OH	Mansfield	Carl Dabelstein	Lincoln, NE	740
WMAN	OH	Mansfield	Barry McLarnon	Ottawa, ON	466
WPAY	OH	Portsmouth	Barry McLarnon	Ottawa, ON	589
WPAY	OH	Portsmouth	Russ Edmunds	Kinnelon, NJ	483
KWON	OK	Bartlesville	Shawn Axelrod	Winnipeg, MB	895
KWON	OK	Bartlesville	Gary Siegel	Toledo, OH	745
KTMC	OK	McAlester	Neil Kazaross	Barrington, IL	647
KNOR	OK	Norman	Shawn Axelrod	Winnipeg, MB	1000
KREF	OK	Norman	Tim Hall	US 6/50 at NV/UT Border, UT	951
KWIN	OR	Ashland	Pete Taylor	San Francisco, CA	307
KIVR	OR	Cave Junction	Nancy Johnson	Aberdeen, WA	333
KNND	OR	Cottage Grove	Tim Hall	Jasper, AB	670
KNND	OR	Cottage Grove	Tim Hall	Chester, CA	258
KJDY	OR	John Day	John Johnson	Sheridan, WY	591
KBCH	OR	Lincoln City	Tim Hall	Chilkoot Inlet, AK	1091
KBCH	OR	Lincoln City	Phil Bytheway	Seattle, WA	197
WEST	PA	Easton	Charles Reh	Leamington, ON	392
WBLQ	PA	Erie	Shawn Axelrod	Winnipeg, MB	971
WJET	PA	Erie	Eric McIntosh (SK)	Invercargill, New So. Wales, NZ	9141
WJET	PA	Erie	Steve Francis	Alcoa, TN	486
WTCY	PA	Harrisburg	Barry McLarnon	Ottawa, ON	358
WFEC	PA	Harrisburg	George Santulli	Cranford, NJ	138
WJAC	PA	Johnstown	Joe Fela (SK)	Newark, NJ	250
WAMQ	PA	Loretto	Steve Francis	Alcoa, TN	434
WWGE	PA	Loretto	Barry McLarnon	Ottawa, ON	366
WICK	PA	Scranton	Frank Merrill	Milan, MI	408
WICK	PA	Scranton	Jeff Falconer	Clinton, ON	336
WKBI	PA	St. Marys	Carl Dabelstein	Omaha, NE	900
WKBI	PA	St. Marys	Barry McLarnon	Ottawa, ON	307
WRAK	PA	Williamsport	Barry McLarnon	Ottawa, ON	292
WRAK	PA	Williamsport	Jim Renfrew	Rochester, NY	136
WCOS	SC	Columbia	Andy Rugg (SK)	Pointe Claire, QC	881
WCOS	SC	Columbia	Russ Edmunds	Parsippany, NJ	596
WWRK	SC	Darlington	Russ Edmunds	Blue Bell, PA	592
WGTN	SC	Georgetown	Niel Wolfish	Burnt River, ON	781
WGTN	SC	Georgetown	Gary Siegel	Toledo, OH	616
WMMZ	SC	Spartanburg	Rick Dau	Iowa City, IA	694
KBJM	SD	Lemmon	Tim Hall	US 6/50 at NV/UT Border, UT	766
WJZM	TN	Clarksville	Dave Schmidt	New Castle, DE	680
WJZM	TN	Clarksville	Jeff Falconer	Clinton, ON	579
WHUB	TN	Cookeville	Forest Osborn	Hooker, OK	873

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WHUB	TN	Cookeville	Jeff Falconer	Clinton, ON	556
WLSB	TN	Copperhill	Russ Edmunds	Blue Bell, PA	612
WKPT	TN	Kingsport	Barry McLarnon	Ottawa, ON	704
WKPT	TN	Kingsport	Russ Edmunds	Parsippany, NJ	529
WGAP	TN	Maryville	Shawn Axelrod	Winnipeg, MB	1169
WGAP	TN	Maryville	Russ Edmunds	Parsippany, NJ	626
WZNG	TN	Shelbyville	Barry McLarnon	Ottawa, ON	883
WZNG	TN	Shelbyville	Russ Edmunds	Blue Bell, PA	690
WNBG	TN	Waynesboro	Joe Kureth (SK)	Uniontown, MD	655
KBYG	TX	Big Spring	Tim Hall	San Antonio, TX	261
KUNO	TX	Corpus Christi	Don Trelford (SK)	Runaway Bay, Jamaica	1434
KUNO	TX	Corpus Christi	Tim Hall	35 miles west of Acaponeta, Nay, MEX	639
KILE	TX	Galveston	Wayne Heinen	Colorado Springs, CO	873
KGVL	TX	Greenville	Barry McLarnon	Ottawa, ON	1370
KGVL	TX	Greenville	Gary Siegel	Toledo, OH	904
KHCB	TX	League City	Neil Kazaross	Barrington, IL	963
KIUN	TX	Pecos	Tim Hall	Chula Vista, CA	800
KEYE	TX	Perryton	Shawn Axelrod	Winnipeg, MB	907
KEYE	TX	Perryton	Tim Hall	US 6/50 at NV/UT Border, UT	744
KVOP	TX	Plainview	Phil Bytheway	Seattle, WA	1413
KVRP	TX	Stamford	Tim Hall	Tombstone, AZ	606
KTEM	TX	Temple	John Wilkins	Wheat Ridge, CO	741
KTFS	TX	Texarkana	Steve Ponder	Bossier City, LA	65
KVOU	TX	Uvalde	Tim Hall	US 6/50 at NV/UT Border, UT	1060
KENT	UT	Parowan	Tim Hall	Chula Vista, CA	427
KIXX	UT	Provo	Phil Bytheway	Seattle, WA	732
WDOT	VT	Burlington	Russ Edmunds	Parsippany, NJ	256
WINA	VA	Charlottesville	John Wilkins	West Des Moines, IA	844
WXAM	VA	Charlottesville	Jeff Falconer	Clinton, ON	418
WHHV	VA	Hillsville	Barry McLarnon	Ottawa, ON	649
WHHV	VA	Hillsville	Neil Kazaross	Barrington, IL	546
WHIH	VA	Portsmouth	Andy Rugg (SK)	Montreal, QC	616
WWOC	VA	Portsmouth	Gary Siegel	Toledo, OH	511
WAJL	VA	South Boston	Russ Edmunds	Blue Bell, PA	301
WINC	VA	Winchester	John Wilkins	West Des Moines, IA	827
WINC	VA	Winchester	Barry McLarnon	Ottawa, ON	444
KLCK	WA	Goldendale	Tim Hall	Chula Vista, CA	934
KLCK	WA	Goldendale	Tim Hall	Radium Hot Springs, BC	399
KEDO	WA	Longview	Tim Hall	Frederick Sound-Farragut Bay, AK	769
KEDO	WA	Longview	Tim Hall	Chatham Sound, BC	683
KEDO	WA	Longview	Tim Hall	US 6/50 at NV/UT Border, UT	666
KRSC	WA	Othello	Pete Taylor	San Francisco, CA	650
KITZ	WA	Silverdale	Tim Hall	Kamloops, BC	231
KITZ	WA	Silverdale	Tim Hall	Mount Ranier NP, WA	66
WBOY	WV	Clarksburg	Gary Siegel	Toledo, OH	237
WBOY	WV	Clarksburg	Charles Reh	Leamington, ON	233
WVRC	WV	Spencer	Russ Edmunds	Blue Bell, PA	338
WKWK	WV	Wheeling	Barry McLarnon	Ottawa, ON	441
WKWK	WV	Wheeling	Steve Francis	Alcoa, TN	348
WBTH	WV	Williamson	Barry McLarnon	Ottawa, ON	629
WBTH	WV	Williamson	Russ Edmunds	Blue Bell, PA	414
WATW	WI	Ashland	Barry McLarnon	Ottawa, ON	728
WATW	WI	Ashland	Neil Kazaross	Barrington, IL	332
WBIZ	WI	Eau Claire	Pete Taylor	San Francisco, CA	1671
WBIZ	WI	Eau Claire	Barry McLarnon	Ottawa, ON	766
WDUZ	WI	Green Bay	Morris Sorensen (SK)	God's Narrows, MB	1035
WDUZ	WI	Green Bay	Russ Edmunds	Blue Bell, PA	716
WRJN	WI	Racine	Shawn Axelrod	Winnipeg, MB	656
WRJN	WI	Racine	Gary Siegel	Toledo, WI	230
WRDB	WI	Reedsburg	Niel Wolfish	Winnipeg, MB	542
WRDB	WI	Reedsburg	Shawn Axelrod	Winnipeg, MB	542
WRDB	WI	Reedsburg	Gary Siegel	Toledo, WI	355

WRIG	WI	Wausau	Frank Merrill	Toledo, OH	374
KATI	WY	Casper	Mike Hardester	Modesto, CA	854
KODI	WY	Cody	Ernie Wesolowski	Omaha, NE	694



CKSQ	AB	Stettler	Shawn Axelrod	Winnipeg, MB	696
CKSQ	AB	Stettler	Ron Schiller (SK)	Couer d'Alene, ID	371
CFLD	BC	Burns Lake	Phil Bytheway	Seattle, WA	499
CHNL1	BC	Clearwater	Tim Hall	Glacier National Park, MT	373
CHNL1	BC	Clearwater	Tim Hall	Fitz Hugh Sound, BC	337
CKGR	BC	Golden	Phil Bytheway	Seattle, WA	356
CKGR	BC	Golden	Tim Hall	Kamloops, BC	158
CIOR	BC	Princeton	Tim Hall	Bandon, OR	475
CIOR	BC	Princeton	Tim Hall	Jasper, AB	260
CJEK	BC	Sparwood	Tim Hall	Johnston Canyon, AB	113
CJEK	BC	Sparwood	Tim Hall	Glacier NP, MT	113
CBWG	MB	Gillam	Morris Sorensen (SK)	God's Narrows, MB	200
CKCB	ON	Collingwood	Shawn Axelrod	Winnipeg, MB	872
CKCB	ON	Collingwood	Steve Francis	Alcoa, TN	633
CKOB	ON	Renfrew	Joe Kureth (SK)	Uniontown, MD	406
CBEE	ON	Sturgeon Falls	Morris Sorensen (SK)	Emsdale, ON	74
CKFL	QC	Lac Megantic	Charles Reh	Leamington, ON	632
CKFL	QC	Lac Megantic	Russ Edmunds	Parsippany, NJ	371
CJFP	QC	Rivière du Loup	MB DXPedition	Valhalla Beach, MB	1233
CJFP	QC	Rivière du Loup	Gary Siegel	Toledo, WI	805
CKRN	QC	Rouyn	MB DXPedition	Arnes, MB	819
CKSW	SK	Swift Current	Phil Bytheway	Seattle, WA	683
XEEX	MEX	Culiacan, Sin	Tim Hall	Rancho Bernardo, CA	813
XEPF	MEX	Ensenada, BN	Richard E. Wood (SK)	Hilo, HI	2525
XEI	MEX	Morelia, Mich	Tim Hall	50 mi W of Santiago Ixcuintla, Nay, MEX	335
XEAB	MEX	Santa Ana, Son	Tim Hall	Poway, CA	441
CMFA	CUB	Guaimaro	Shawn Axelrod	Orlando, FL	534
ZYJ462	B	Rio de Janeiro	NF DXPedition #4	Cappahayden, NF	4867
CX140	URG	Tacuarembó	NF DXPedition #4	Cappahayden, NF	5440
YVZJ	VEN	Barinas	Tim Hall	Crane Beach, Barbados	803
JOQL	J	Kushiro	Pete Taylor	San Francisco, CA	4652
BEV98	TWN	Kaohsiung	Pete Taylor	Hong Kong	391

MB DXPedition & = Shawn Axelrod, Wayne McRae

NF DXPedition #4 = Jean Burnell, David Clark, Mark Connelly, Bruce Conti, Neil Kazaross and Jim Renfrew

GRAVEYARD DX UPDATE

Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123

TimHall1@gmail.com

Total Stations Heard

<u>DXer</u>	<u>DX Location</u>	<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>Total</u>
Rick Dau	Davenport, IA	1	4	4	4	5	4	22

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