

# DX News

Serving Medium Wave DXers since 1933

Volume 88, No. 12 • March 9, 2021 • (ISSN 0737-1639)

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### **DX Tests: WNJC-1360 Washington Township**

NJ is still going strong with weekly DX tests. CE Duke Hamann is posting regular updates to the special Facebook group, which can be found at <https://www.facebook.com/groups/wnjc1360dx>

**Help Wanted:** With the recent passing of longtime Musings editor Dave Schmidt, we have an opening for a member who would like to take the reins of this column. In these days of (mostly) electronic Musings the editing of this column is not the massive typing job it once was! If you'd like more information about the position, please send an e-mail to [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com).

**WRTH Raffle:** Our winners of the 2021 WRTH are (drumroll please!) Nancy Johnson, John F. Randall, Jim Dapkus (no phone or email), and Randall Schulze. Congratulations! Winners will receive their WRTH by priority mail after HQ receives the \$20.

**From the Publisher:** The next few issues will be on an every-three-weeks basis. But, as you can see herein, the DX season is still going strong! We're looking forward to lots of great DX reporting next time. C U N 21!

### **Membership Report**

"Please renew my subscription to the NRC. After 28 years I still look forward to every issue!"  
– Stan Weisbeck

**New Members:** Welcome to George Schrempf, Jr., Chelsea, MD.

**Rejoining Members:** Welcome back to Jerry Ball, Union, WA; and Robert McArthur, Vienna, VA. (*My apologies to Bob; he was previously listed by the name on his wife's Pay Pal account! wwh*)

**Renewing Members:** Thanks for the ongoing support of Robert M. Berglund; Jesse R Bruner; Thomas M. Jasinski; Arthur Samel; Edward J. Semrad; and Stan Weisbeck.

### **Volume 88 DXN Schedule**

No	D'dline	Print	No	D'dline	Print
13	Mar. 21	Mar. 30	17	June 20	June 29
14	Apr. 11	Apr. 20	18	July 18	July 27
15	May 2	May 11	19	Aug. 15	Aug. 24
16	May 23	June 1	20	Sept. 12	Sept. 21

## **NRC AM Radio Log – 41st Edition**

The 41st edition of the *AM Radio Log*, the premier source for information on AM radio stations in the United States and Canada, is available now for sale. The *Log* contains of individual station data, cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. Reference lists include State/Provinces in frequency order, call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the logbook), a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio, and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in U.S. funds, Colorado residents please add 8% sales tax (or your local sales tax rate if lower) to

National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nationalradioclub.org/>

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# AM Switch

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

## *FCC and CRTC Decisions and Applications*

### CALL LETTER CHANGES

790 WVVZ TN Ashland City – Call change to WCHQ (Feb. 19).

### STATIONS GOING DARK

1410 WHBT FL Tallahassee – License cancelled at licensee's request per Feb. 17 letter.

### CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

1300 WTIL PR Mayagüez – Granted license to cover CP for U4 5000/800, new site (has been using this site under STA for some time).  
 1510 KGA WA Spokane – Granted license to cover CP for U1 50000/540 (ch 45000), existing site.

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

910 WTOS ME Bangor – Applies for license to cover CP for U1 5000/210, existing site.  
 1270 KBZZ NV Sparks – Applies for license to cover CP for U2 10000/5000, adjusted coordinates to 39-32-02/119-39-46.  
 1290 KAZA CA Gilroy – Applies for license to cover CP for U1 1500/19, diplexed with KZSJ-1120 (as in STA) at 36-57-49/121-29-22.

CPs granted:

1240 KDSK NM Los Ranchos – Granted CP for new site (35-00-40/106-39-50).  
 1390 WCAT VT Burlington – Granted CP for U1 5000/60, adjust coordinates 44-29-50/73-12-51.  
 1400 WZAZ FL Jacksonville – Granted CP for new site (30-19-04/81-32-23).

Applications for CP received:

770 WVNN AL Athens – Applies for CP with D1 7000, corrected coordinates to 34-45-02/86-47-58; dropping night operations and night site.  
 1600 KLEB LA Golden Meadow – Applies for CP with U1 720/60, existing site.

### SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

680 WPTF NC Raleigh – Granted STA, U1 10000/10000.  
 990 WTLN FL Orlando – Granted STA, U1 12500/3500, problem in one tower.  
 1310 WXMC NJ Parsippany-Troy Hill – Granted STA, U1 250/22.  
 1320 KXYZ TX Houston – Granted STA, U1 8800/2400 from KPRC-950 tower.  
 1370 WFEA NH Manchester – Granted STA, U4 4100/5000, day pattern problems.  
 1480 WPFH IN Terre Haute – Granted STA, U1 1250/250.

Extensions granted to existing STAs:

600 WMT IA Cedar Rapids – Granted STA extension, U1 5000/1250.  
 790 WAXY FL South Miami – Granted STA extension, U4 25000/25000, Cuba QRM.  
 1040 WHBO FL Pinellas Park – Granted STA extension, U1 3600/105.  
 1240 KLOA CA Ridgecrest – Granted STA extension, reduced power (using U1 205/205).  
 1340 KROS IA Clinton – Granted STA extension, U1 300/300, whip at 41-15-36/90-12-18.

Applications to extend previously granted STAs for a further six months received from WMEN-640 Royal Palm Beach FL, WHTP-1280 Gardiner ME, KKPZ-1330 Portland OR, WKHZ-1460 Easton MD, KPHX-1480 Phoenix AZ, WGCH-1490 Greenwich CT, and WLTI-1550 New Castle IN.

### SILENT STATIONS

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

1490 KYWZ MT Bozeman – Silent Nov. 25 (2020), on the air with STA Feb. 19.

Stations informing the FCC that they are silent:

- 1000 **WLNL** NY **Horseheads** – To go silent Mar. 1, financial difficulties.  
 1560 **WFME** NY **New York** – Silent Feb. 15, has sold the licensed site.

### COORDINATE CORRECTION

- 1350 **KLHC** CA **Bakersfield** – CP to correct coordinates to 35-20-59/118-58-49 is on the air.  
 1460 **KXPB** NE **Kearney** – Applies for CP to correct coordinates to 40-41-35/99-10-02.

## NRC AM Log Updates

A new overnight show has been added to the Log TSf "The Shift" more on this in Jon Pearkins' Canadian News below. Also being added this issue is WPRIN Wisconsin Public Radio Ideas Network from Bill Hale.

- 560 **WVOC** SC **Columbia** – Format to NWS/TLK/SPT (ex-NWS/TLK); slogan to "News Talk & Sports." (StIntel)  
 610 **CHNL** BC **Kamloops** – Networks to CP/TSf. (JP)  
 630 **CHED** AB **Edmonton** – Networks to CP/Cor/GBL/TSf. (JP)  
 640 **CFMJ** ON **Richmond Hill** – Networks to Cor/GLB/TSf. (JP)  
 670 **KHGZ** AR **Glenwood** – Slogan & Group to Grp= Caddo Country 98.9 FM and 670 AM. (FCC)  
     **KLTT** CO **Commerce City** – Slogan to "Powerful Christian Talk." (StIntel)  
 680 **CJOB** MB **Winnipeg** – Networks to CP/Cor/GBL/TSf. (JP)  
 740 **KMZB** IA **Oskaloosa** – Slogan & Group to Grp= Today's News Yesterday's Hits. (FCC)  
 770 **CHQR** AB **Calgary** – Networks to CP/Cor/GBL/TSf. (JP)  
 790 **WCHQ** TN **Ashland City** – Slogan to "Q Country 103.9." (RI)  
 800 **WLAD** CT **Danbury** – Networks to P/CMP/WW1/DR/JBo. (RI)  
 840 **KPEN** AK **Kenai** – Format to NOS/TLK (ex-NONE). (DXN)  
 900 **CHML** ON **Hamilton** – Networks to CP/Cor/GBL/TSf. (JP)  
 910 **KCJB** ND **Minot** – Slogan to "Country 91." (StIntel)  
 930 **WLBL** WI **Auburndale** – Slogan to "Ideas 930," networks to NPR/WPRIN; delete Grp= Ideas 930, (BH)  
 970 **WHA** WI **Madison** – Slogan to "Ideas 970," networks to NPR/WPRIN; delete Grp= Ideas 970. (BH)  
 980 **CKNW** BC **New Westminster** – Networks to CP/Cor/GBL/TSf. (JP)  
 990 **WJCF** IN **Muncie** – Format to OLD (ex-REL); slogan to "The Buzzard," delete // WNPP-88.5. (StIntel)  
 1010 **WHIN** TN **Gallatin** – Delete //W264CR-100.7; Group to Grp= Sumner County's #1 Hit Music Station. (FCC)  
 1040 **KPPF** CO **Monument** – Format to AC/TLK (ex-HipHop). (RI)  
     **CKST** BC **Vancouver** – Slogan to "Funny 1040" (DXMid)  
 1060 **KNLV** NE **Ord** – Slogan to "Greatest Hits 93.9." (DXN)  
 1080 **WLEY** PR **Cayey** – Slogan & Group to Grp= Radio Isla Network (ex-Grp= Super Kadena Noticias). (StIntel)  
 1100 **KNZZ** CO **Grand Junction** – Networks to THN/SRN/P/Ru/DR/WW1/RER. (WH)  
 1120 **WKAJ** NY **Saint Johnsville** – Slogan & Group to Grp= Your Classic Hits Station. (DXN)  
 1160 **WBQN** PR **Barceloneta-Manatí** – Adds // W221EL-92.1. (FCC)  
 1230 **KVAK** AK **Valdez** – Delete slogan; delete // KVAK-FM-93.3. (DXN)  
     **KPRL** CA **Paso Robles** – Adds // K257GL-99.3. (FCC)  
     **KHAS** NE **Hastings** – Adds // K281CW-104.1. (NP)  
 1240 **WCNC** NC **Elizabeth City** – Format to SPT (ex-C&W); slogan to "98.1 The Score," networks to FSR; delete Group. (StIntel)  
 1250 **KBRF** MN **Fergus Falls** – Networks to THN/Rf/DR/JBo/CMP/FSR/NOR/C2C. (WH)  
 1260 **WZBO** NC **Edenton** – Format to C&W (ex-C&W); slogan to Classic Country; adds // W297CJ-107.3; delete Group, networks. (StIntel)  
     **WDKN** TN **Dickson** – Slogan to "101.5 The One FM," adds // W268BN-101.5. (DXN)  
 1270 **WMPM** NC **Smithfield** – Adds // W232DO-94.3. (FCC)  
 1280 **KYRO** MO **Troy** – Format to NWS/TLK (ex-CLR); nets to Fox/P/WW1/JBo/RER. (DXM)  
     **WANS** SC **Anderson** – Networks to SRN. (nrc-am)  
     **KWHI** TX **Brenham** – Slogan to "Where News Comes First." (StIntel)  
 1320 **WSKN** PR **San Juan** – Slogan & Group to Grp= Radio Isla Network. (StIntel)





- 1350 WNTX VA **Fredericksburg** – Slogan to “News Talk Sports.” (StIntel)  
 1360 WIXI AL **Jasper** – Slogan & Group to Grp= Party Blues and Oldies. (DXN)  
 1370 KHXM HI **Pearl City** – Format to AOR (ex-ETH/TLK); slogan to “103.9 Hawaii’s Modern Rock.” (StIntel)  
 WGOH KY **Grayson** – Networks to C/Ky/WW1. (DXN)  
 1400 WANI AL **Opelika** – Slogan to “NewsTalk 1400 & 98.7,” adds // W254AY-98.7; delete // W294AR-106.7. (RI)  
 WLTN NH **Littleton** – Slogan & Group to Grp= Oldies 1400. (FCC)  
 WIDA PR **Carolina** – Slogan to “Cadena Radio Vida.” (StIntel)  
 1410 WZBR MA **Dedham** – Format to UC:Jazz (ex-UC:AC); delete // W251CR-98.1; Group to Grp= 98.1 The Urban Heat. (StIntel)  
 1420 KBHS AR **Hot Springs** – Slogan to “La Caliente 1420.” (WoR)  
 WBRD FL **Palmetto** – Slogan to “Radio Lider.” (WoR)  
 1430 KCLK WA **Asotin** – Adds // K297BZ-107.3. (FCC)  
 1440 KRZD CO **Wray** – Adds // K295CS-106.9. (WH)  
 1470 WWBG NC **Greensboro** – Format to CLR (ex-SS:SPT); slogan to “The Big 980,” drops nets. (StIntel)  
 WTOE NC **Spruce Pine** – Slogan to “Rollin’ the Oldies.” (StIntel)  
 1480 WTLO KY **Somerset** – Slogan to “America’s Best Music.” (StIntel)  
 1490 WTUP MS **Tupelo** – Format to UC:NWS/TLK (ex-Alternative); slogan to “Black Information Network,” networks to BIN. (RI)  
 WCSS NY **Amsterdam** – Group to Grp= Your Classic Hits Station; delete slogan, delete // W295CZ-106.9. (DXN)  
 WCVA VA **Culpeper** – Format to CLR (ex-CLR); Group to Grp= 105.5-95.3 SAM FM (ex-Grp= 95.3 Sam FM). (irca)  
 KBRO WA **Bremerton** – Adds // K262DE-100.3. (FCC)  
 WDEP PR **Ponce** – Slogan & Group to Grp= Radio Isla Network (ex-Grp= Super Kadena Noticias). (StIntel)  
 1510 KMSD SD **Milbank** – Slogan to “Classic Hits 95.1fm 1510am,” adds // K236CU-95.1; delete // K252FB-98.3, delete Group. (NP)  
 1540 KGBC TX **Galveston** – Format to SS:REL (ex-TLK). (WoR)  
 1550 KGMZ CA **San Francisco** – Adds // K271BT-102.1. (FCC)  
 KWBC TX **College Station** – Networks to Tx/WW1. (DXN)  
 WKFE PR **Yauco** – Slogan & Group to Grp= Radio Isla Network (ex-Grp= Super Kadena Noticias). (StIntel)  
 1560 WKDO KY **Liberty** – Networks to Fox. (DY)  
 WGLB WI **Elm Grove** – Slogan to “Incredible Gospel.” (irca)  
 1570 WUBG MA **Methuen** – Slogan to “K-Love.” (MD)  
 CJLV QC **Laval** – Format to FF:Brokered/ETH (ex-REL). (DXN)  
 1600 WMQM TN **Lakeland** – Adds // W227DQ-93.3. (FCC)



### New Groups

- Grp= 98.1 The Urban Heat – W251CR-98.1, WSRO-650, WZBR-1410 (StIntel)  
 Grp= 105.5-95.3 SAM FM – WOJL-105.5, W237CA-95.3, WCVA-1490 (irca)  
 Grp= Caddo Country 98.9 FM and 670 AM – KHGZ-670, K300DJ-107.9, K255BH-98.9 (FCC)  
 Grp= Oldies 1400 – WLTN-1400, W298CS-107.5, W253AY-98.5 (FCC)  
 Grp= Sumner County’s #1 Hit Music Station – WHIN-1010, W300EA-107.9, W264CR-100.7 (FCC)  
 Grp= Today’s News Yesterday’s Hits – KMZN-740, K280GT-103.9, K258BG-99.5 (FCC)  
 Grp= Your Classic Hits Station – WCSS-1490, WKAJ-1120, W250CX-97.9, W295CZ-106.9 (DXN)

### Group Name Changes

- Grp= Super Kadena Noticias becomes Grp= Radio Isla Network (StIntel)

### Group Changes

- Grp= Classic Hits 104.1 deletes W261EB-100.1 Lancaster and adds W255DH-98.9 Buffalo (FCC)  
 Grp= K-Star 99.3 adds K277DK-103.3 Bullhead City (FCC)  
 Grp= Radio Católica Sal y Luz adds K229DH-93.7 Caldwell (FCC)  
 Grp= Party Blues and Oldies drops W281AB-104.1 Mountain Brook & adds W277DM-103.3 Jasper (DXN)

### Deleted Groups

- Grp= 103.1 Today’s Country (irca)

Grp= Classic Country (StIntel)

Grp= Classic Hits 95.1fm 1510am (NP)

Grp= Ideas 930 (BH)

Grp= Ideas 970 (BH)

**Canadian News:** Bell Media began 2021 with Wade Oosterman taking charge. He quickly removed senior managers, then laid off over 200 staff, and has just completed cost reductions in Radio that focused on people-intensive formats. There is finally some current published information on The Shift, a live national late night radio show that replaced Coast to Coast on mostly Corus-owned "Global News" stations. The permanent hosts are Shane Hewitt and Jawn Jang. Shane does weeknights and is based in Calgary AB. Jawn is based in New Westminster BC and hosts The Shift on weekends. (JP)

**From Radio Insight:**

**Rush Limbaugh – Love Him or Hate Him, He Was an Icon**

Conservative Talk icon Rush Limbaugh passed away today (Feb. 17) at the age of 70 from lung cancer. Limbaugh's wife Kathryn made the announcement this morning at the start of his show today. Limbaugh was one of the radio talents who most influenced the industry as he was fully responsible for Talk radio's shift from broader topics to being primarily focused on Conservative politics. He began his career in 1971 at 1360 WIXZ McKeesport PA under the air name 'Jeff Christie' before moving to 1410 KQV Pittsburgh in 1973. In 1975 he became PD/afternoon host at Disco formatted 98.1 KUDL-FM Kansas City and then hosted nights at 1140 KFIX. Limbaugh would leave radio in 1979 and spent four years in sales for MLB's Kansas City Royals before joining Full-Service AC 980 KMBZ in 1983 and for the first time utilizing his given name. Limbaugh lasted less than a year at KMBZ before being fired and then hired at 1530 KFBK Sacramento. It was at KFBK where he began his evolution to Talk host succeeding Morton Downey Jr. in middays. EFM Media would take Limbaugh national in July 1988 relocating him to be based at 770 WABC New York. Led by former ABC Radio President Ed McLaughlin, EFM Media would be sold to Jacor in 1997 and eventually be folded into Clear Channel and its Premiere Networks although Limbaugh owned the majority of his show branded as being part of his EIB Network. Since 2006, Limbaugh has hosted his show from studios at his home in Palm Beach FL. Limbaugh hosted a syndicated television spin-off of his show from 1992 to 1996 and had a three-week stint on ESPN's Sunday NFL Countdown prior to resigning following comments about then Philadelphia Eagles quarterback Donovan McNabb. He signed a four-year contract extension with Premiere in January 2020 just prior to being diagnosed with advanced lung cancer. Limbaugh was inducted into the National Radio Hall of Fame in 1993 and the National Association of Broadcasters Hall of Fame in 1998. He was given the Presidential Medal of Freedom at the 2020 State of the Union Address, the day after his cancer diagnosis. On his final show on December 23, Limbaugh ended his program stating, "I know so many people think this program has changed their lives for the better. You have no idea what you all have meant to me and my family. The day's gonna come, folks, where I'm not gonna be able to do this. I don't know when that is. I want to be able to do it for as long as I want to do it. I want to, but the day will come where I'm not going to be able to, and I want you to understand that even when the day comes, I'd like to be here. 'Cause I have this sense of needing to constantly show my appreciation for all that you have done and meant to me. So I hope you all have a great Christmas, a great New Year, and I hope that the things that are in store for all of us in the coming year are certainly better than what we have endured in 2020. I don't know too many people who've enjoyed 2020. There are probably some sickos out there who have. But 2021 has to be better. We're gonna try to make it that way here at the EIB Network. Again, folks, thank you so much. I wish there were a way to say it other than "thank you." You're just the best. My family is just the best. Thank you. Merry Christmas, everybody, from all of us to all of you. Make it happen!"

**From Radio Ink**

This message from Premiere Networks, the syndicator of The Rush Limbaugh program: "Rush's voice will continue to be heard, providing comfort and continued insight to his legions of loyal fans."

"All of Rush's audio has been extensively archived and cataloged by subject, topic and opinion. His producers will be able to pull segments that are relevant for each day's news cycle and allow us to feature the best of Rush for the full three hours of the program.

"The familiar voices of the programs' guest hosts will be used in the show when needed to guide Rush's audio from one topic to another, but Rush will be the predominant voice heard for the three-hour Monday-Friday show, the AM Daily Update and The Week in Review three-hour show.





“Please note that we will continue with this transitional programming until his audience is prepared to say good-bye.

“We will mourn together in a respectful way and celebrate the incredible life of Rush Limbaugh with his beloved audience. Today, a three-hour tribute will air in Rush’s regular time slot.” Further information will be posted on [www.rushlimbaugh.com](http://www.rushlimbaugh.com).

**Our Thanks to our Contributors and Various Media Sources:** (BH) Bill Hale; (DXMid) DX Midamerica; (DXN) DX News; (DY) David Yocis; (FCC) FCC; (irca) IRCA IO-list; (JP) Jon Pearkins; (MD) Marc DeLorenzo; (NP) Northpine.com; (nrc-am) NRC Google Group; (RI) Radio Insight; (StIntel) StationIntel.com; (WH) Wayne Heinen; (WoR) Glenn Hauser.

## From the *DX News* archives ....

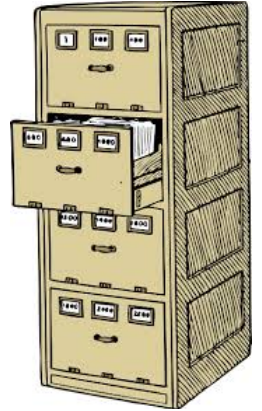
**75 Years Ago** – From the March 9, 1946 issue of *DX News*: KENO-1400 Las Vegas, Nev. will offer two prizes on its Mar. 16 DX test; the reporter sending the report most useful to station management will receive a 1-year membership in the Newark News Radio Club, and the most distant reporter will receive a box of candy. WGGA in Gainesville, Ga. is asking DXers to submit design ideas for a new QSL card. WPDQ-1270 Jacksonville, Fla. has changed frequency to 600 kc/s (today’s WBOB).

**50 Years Ago** – From the March 6, 1971 issue of *DX News*: NRC membership now stands at 533, with 183 new members joining over the previous year, and a loss of only 32. Jerry Conrad published his article, “Your First Thirty Countries in English,” describing programs in English that can be heard on MW stations in the Caribbean area from almost 30 different countries. (Many of these stations, sadly, no longer exist!)

**25 Years Ago** – From the March 4, 1996 issue of *DX News*: Some new formats include “Real Country Gold KB-1520 AM” on WWKB Buffalo, and (via the Newark *Star Ledger*) an all-children’s radio format on WJDM Elizabeth’s new 1660 station, to be called “Radio Aahs.” Al Prete wrote a short article on “Using the Internet as an aid in DXing,” noting that at least 5 AM stations he knew of were now broadcasting on the Internet over RealAudio. Al noted, however, that music doesn’t sound very good over a 14.4 kbps modem.

**10 Years Ago** – From the March 7, 2011 issue of *DX News*: Three DX tests were on the calendar for March (WFNY-1440, WKVQ-1540, and WYTH-1250). According to Mike Brooker, CHUM-1050 Toronto is still broadcasting cable TV channel CP24, but will flip to TSN sports in April.

All *DX News* editions from Volume 1 Issue 12 through Volume **86** are now available free to the public at the NRC web site: <http://nationalradioclub.org/DXNs/index.html>.

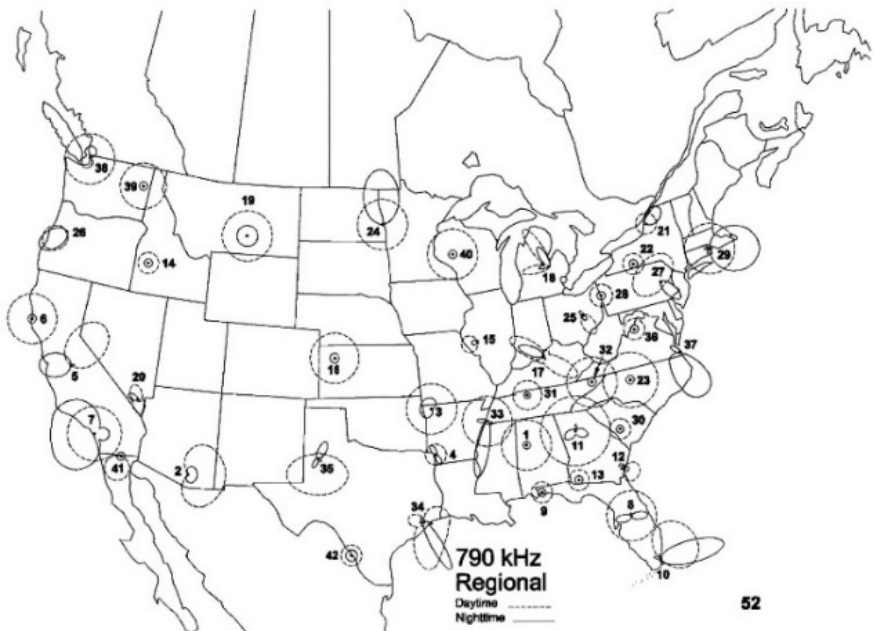


## NRC Antenna Pattern Book 8th Edition

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\$43.80 and all other countries are US\$54.90, 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.



# Domestic DX Digest – East

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

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

All times are Eastern Local Time (ELT)

## REPORTERS

STB-MD	Sam Brainerd, Hampstead – Sangean WR-22, Tecsun Loop
BC-NH	Bruce Conti, Nashua – Excalibur SDR, MWDX-5 phasing unit, variable termination 50 x 75-ft SuperLoop antennas at 60° northeast and 180° south, W6LVP terminated Delta.
HJH-PA	Harry Hayes, Wilkes-Barre – C Crane Skywave, ALA-1530 loop
KK-VA	Kraig Krist, Manassas – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop.
GL-NH	Ginnie Lupi, Concord – CCRadio 2E + Select-A-Tenna
PS-ON	Paul Snider, London – Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C tuner
JW-PA	Jim Weber, Oyster Point – Grundig S350
LW-NY	Leslie Wood, East Meadow – CC Crane SW Radio, Tecsun AN200 loop.
SW-ON	Sean Welsh, The Maples – Icom IC-R8600, Wellbrook ALA1530
MKB-ON	Mike Brooker, Toronto – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Tecsun PL-330, Panasonic RF-2200

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

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

## UNID

1560	unID	--	– 2/18 0433 – In multi-station mix (WMBH, WGLB, WTNS, WCNW, WFSP, WSBV) male “105.9...” mention. (KK-VA)
	unID	--	– 2/18 0555 – In multi-station mix, male “This is K1 OH K 69” mention. (KK-VA)
	unID	--	– 2/18 0615 – In multi-station mix, station promo mentioning “...right here on the Chargers network”. Is this WMBH? If so, why “Chargers network”? (KK-VA) <i>Probably a local high school, not the NFL team. Mike.</i>

## LOGGINGS

730	WDOS	NY	Oneonta – 2/27 2200 – Under CKAC; “WDOS AM 730 Oneonta, WCHN AM 970 Norwich, WDLA AM 1270 Walton,” and Fox Sports. (BC-NH)
790	WAXY	FL	South Miami – 2/28 0100 – Over/under R.Reloj Cuba and WETB Goat FM; “WAXY South Miami, WSFS HD2 Miramar... your radio home for every game of the Miami Heat...” and CBS Sports Radio. (BC-NH)
	WAEB	PA	Allentown – 2/20 2200 – Fair, over WPRV; “The valley’s talk station is News Radio 790 WAEB Allentown-Easton-Bethlehem, an iHeart radio station.” (BC-NH)
	WETB	TN	Johnson City – 2/21 0030 – My first new log for the MWDX Facebook 790 challenge: “93.7, Goat FM” rose up above Korean music (WQXI?) and a UNID station with jazz trumpet. According to Google and Facebook, WETB became a “brand new hit music station” on or about 1/30. (STB-MD)
		+++	- 2/28 0101 – Briefly atop; “Lola” by The Kinks, canned ID by woman, “Goat FM... online at My Goat FM dot com... 93.7 Goat FM.” New log. (BC-NH)
800	WSVS	VA	Crewe – 1/28 1645 – In with nice signal, C&W songs, “WSVS 97.1, 800 AM playing country sounds”. (LW-NY)
820	WBAP	TX	Ft. Worth – 2/25 0000 – Fair; “WBAP Ft. Worth-Dallas, 99.5 FM KPLX HD2 Ft. Worth...” then traffic and weather on the ones. (BC-NH)
840	KWDF	LA	Ball – 2/17 2235 – On after sunset with religious talk and music, caught some of their ToH ID with a clear mention of Ball and 99.7 FM. Poor to very poor under WHAS, but audible at times. (PS-ON)
850	WPTK	NC	Raleigh – 2/27 2201 – Under local WEEI; canned ID by a woman for FM and AM, “...and AM 850 WPTK Raleigh, Durham, Cary, and Chapel Hill.” (BC-NH)
890	WLS	IL	Chicago – 1/21 1748 – In with local traffic report in and out of O’ Hare Airport on “The Big 89 WLS”. Not such an easy catch with WCBS-880 virtually a local. (LW-NY)





- 900 WURD PA **Philadelphia** – 2/25 0645 – “On Wurd Radio” by man popped out from underneath static. Then a woman’s voice with an ad of some kind with mention of Philadelphia, into “now, a Wurd weather update” by man and weather report. At 0647, “You’re listening to Wurd radio, 96.1 FM, W-U-R-D” by man. Poor with lots of static and fading. **(GL-NH)**
- 910 WTOS ME **Bangor** – 2/15 2150 – Last I heard this station was silent, but tuned in to rock music way under WFDF, heard “Comfortably Numb” by Pink Floyd just before ToH which jives with their online playlist on wtosfm.com. Unable to stream unfortunately. Very poor and occasionally audible. **(PS-ON)**
- 940 WIDG MI **St. Ignace** – 2/6 1700 – Poor; Relevant Radio pledge drive. **(BC-NH)**
- 950 WAKM TN **Franklin** – 2/7 1802 – “Your Home Town Radio” slogan heard at 1805 and into classic C&W music. Over WWJ at times. New log. **(SW-ON)**
- 960 WEAV NY **Plattsburgh** – 1/18 1700 – In with sports talk about NFL playoffs “on 960 the Zone”. **(LW-NY)**
- 1000 WIOO PA **Carlisle** – 2/6 1700 – Under WCMX; “Thank you for listening to WIOO Carlisle and WEEO Shippensburg.” **(BC-NH)**
- 1040 KGGR TX **Dallas** – 2/18 2219 – On after sunset with urban gospel. No ID heard, but able to finally match song by female vocalist at 2246 to kggram.com. Very poor under WHO. **(PS-ON)**
- 1070 WCSZ SC **Sans Souci** – 2/26 2301 – Under CHOK; Spanish tropical music, AM and FM ID. **(BC-NH)**
- CHOK ON **Sarnia** – 2/26 2258 – Fair; “CJCL Toronto, Toronto’s sports radio, Sports Net 590 The Fan,” and hockey on the Leafs network. **(BC-NH)**
- 1080 WWNL PA **Pittsburgh** – 2/12 1230 – Clear ID “WWNL AM 1080” then into “Practical Christian Living” from the New Life Christian Church of Cincinnati, OH. Over usual WUFO with a fair, steady signal. **(SW-ON)**
- +++ - 2/6 1700 – Under WTIC; “AM 1080 WWNL Pittsburgh... at 103.9 FM.” **(BC-NH)**
- 1090 KAAZ AR **Little Rock** – 2/24 2100 – Under WBAL; “KAAZ Little Rock... online...” and jingle or vocal interlude. **(BC-NH)**
- 1100 WZFG MN **Dilworth** – 2/14 2345 – Bill Cunningham show, according to website schedule, various ads, ToH ID “...The Flag, AM 1110 WZFG”, into Fox news. Poor to very poor under WTAM. // to am1100theflag.com stream. First time heard at this location. **(PS-ON)**
- 1120 WBBF NY **Buffalo** – 2/8 1410 – Oldies simulcast of 104.1 WHTT with Johnny Nash’s “I Can See Clearly” and ad for The Barnes Firm then into REM’s “The One I Love”. Hit and miss with this one as some days the slop from 1130 WDFN wipes it out, but for the last few days it’s been here solid and in the clear. **(SW-ON)**
- 1150 WCRK TN **Morristown** – 2/21 2240 – Oldies heard in station mix including CKOC and WHBY, “Right Down the Line” by Gerry Rafferty at 2255 heard a wrk.com mention, “Keep on Loving You” by REO Speedwagon. Poor to very poor. // to Tune In stream. First time heard at this location. **(PS-ON)**
- CKOC ON **Hamilton** – 2/12 1242 – “You are watching BNN Bloomberg”. Not a spectacular log but my first listen since changing from unique TSN Hamilton sports content to a rebroadcast of BNN Television programming. Pathetic. A once great station now a TV audio relay. **(SW-ON)**
- 1240 WJTN NY **Jamestown** – 2/8 1415 – ID jingle “W-J-T-N” then into Phil Collins “I Don’t Mind”. Solid signal here today – I was trying for WGVA in Geneva. Usually covered over by one or two of the four Michigan 1000 watters on this frequency. **(SW-ON)**
- 1250 WARE MA **Ware** – 1/21 1729 – “Classic Hits of the 60s and 70s” slogan into a McCartney song, “on 97.7 and 1250 AM WARE”. **(LW-NY)** *Unless there is a WACO in Waco, TX, this is the only station whose call letters exactly match the city of license. Mike.*
- 1310 WOKR NY **Canandaigua** – 2/27 2050 – Some country music with “WOKR” call sign ID at this time. **(JW-PA)**
- 1320 WJAS PA **Pittsburgh** – 2/28 0000 – Under local WDER; “WJAS AM Pittsburgh, online at 1320 WJAS dot com, The Talk of Pittsburgh is 1320 WJAS.” **(BC-NH)**
- 1330 WWRV NY **New York** – 2/15 0700 – Over usual WFNN with “Radio Visión Cristiana” slogan amid Spanish preaching. **(MKB-ON)**





- WFNN PA Erie – 2/12 1258 – iHeart Radio entertainment news then ID at 1259 “AM 1330 The Fan, An iHeartRadio Station” then “What’s Trending”. Solid signal, usually deep in the noise at this hour of the day or fighting with WTRX Flint MI. **(SW-ON)**  
 +++ - 2/28 0100 – Over/under unID’s; “WFNN Erie... on the iHeart radio app... AM 1330 The Fan, an iHeart radio station,” and Fox Sports. **(BC-NH)**
- 1360 WKMI MI Kalamazoo – 2/25 0519 – Moderate reception in a crowd. Discussion of Iran nuclear deal with occasional IDs during this half hour. **(JW-PA)**
- 1400 WICK PA Scranton – 1/18 1712 – In with “WICK 1400” IDs amid the 1400 jumble. **(LW-NY)**
- 1410 KQV PA Pittsburgh – 2/14 1748 – Classical music, ID at 1751 “...88.1, 1410 KQV Pittsburgh”, more music. Haven’t heard this station since about 2017. Fair to very poor. **(PS-ON)**
- 1480 WGVU MI Kentwood – 2/28 0700 – “In downtown Grand Rapids...this is AM 1480 WGVU” ToH ID into NPR news, fighting a Fox News station. **(MKB-ON)**
- 1520 WIZZ MA Greenfield – 2/17 0700 – On top of WWKB with AP news, ad for Davenport Mobil “on Route 2 in Shelburne Falls,” then man with “for WIZZ radio news” at 0704 with local news including MA legislature considering a bill to regulate names of school sports teams. Fair to poor with fading. **(GL-NH)**
- 1550 WIGN TN Bristol – 1/18 1733 – Bluegrass music and several “WIGN AM and FM” station IDs. Good, dominant signal. **(LW-NY)**
- 1560 WLZR FL Melbourne – 2/19 1815\* – After WSBV signed off on time, I started hearing sports talk about football and then NBA basketball. Announced “CBS Sports Radio” at 1807. WAHT, the CBS Sports outlet in Cowpens, SC, was live streaming a baseball game. But WLZR, the only other CBS Sports station on 1560, according to the NRC Log, matched what I was hearing exactly, with only a 12-second delay. Suddenly cut off at 1815, in mid-topic, with no sign-off announcement. **(STB-MD)**
- WSEZ IN Paoli – 2/15 1838 – In multi-station mix with ID as “We are oldies 98.7 and 15-60 WSEZ.” New station for me. **(KK-VA)**
- WKDO KY Liberty – 2/16 0253 – Call sign ID at this time with mention of 98.7 FM followed by “Small Town Saturday Night” song. Station also available on the internet which also confirmed reception. In decently for a bit but overwhelmed by unidentified Black Gospel station. There was a significant amount of atmospheric static throughout the period. **(JW-PA)**  
 +++ – 2/15 1833 – In multi-station mix (WKIK, WSBV, WFSP, WSEZ and UNIDs: religious talk, Fox Sports, other oldies and rock songs) with male “Your home for classic country 98 7 ‘The Buck’.” **(KK-VA)**  
 +++ – 2/15 2104 – This was my first new log with WFME permanently off the air. At 2059 I heard “98.7” and mentions of the towns “Liberty and Somerset.” Then, at 2104, “Country 98.7, WKDO” came in clearly. Still on hours after sunset. Heard again on 2/18 at 1830 with “Your home...[for?]... 98.7, The Buck.” **(STB-MD)**  
 +++ – 2/15 2128 – ID as “98.7 Country, The Buck”. Weak to fair with Fox News on hour. New. **(HJH-PA)**  
 +++ - 2/20 1901 – Fading in/out with WFME off; country music, “From the home of the world’s largest apple pie...” and WKDO jingle into news. **(BC-NH)**
- WMBH MO Joplin – 2/18 0615 – In multi-station mix (WGLB, WCNW, WTNS, WYZD, WFSP, WSBV, several UNIDs: oldies, adult standards, preaching, more talk and urban contemporary songs) with male “Fox Sport Joplin” mention. New station for me. **(KK-VA)**
- WYZD NC Dobson – 2/18 0715 – In multi-station mix, all of a sudden noted male “WYZD Dobson” ID. **(KK-VA)**  
 +++ – 2/17 1759\* – Pretty sure I heard “WYZD” and a mention of gospel, but then it was gone. Perhaps this was the station’s sign-off? I couldn’t grab it either of the next two nights. **(STB-MD)**
- WTNS OH Coshocton – 2/18 1814 – Brief slogan, “Today’s classic country, 102.7,” then gone, but I don’t know if it was a sign-off or a fade-out. **(STB-MD)**
- WCNW OH Fairfield – 2/18 \*0646 – In multi-station mix with sign-on: “Good morning. Welcome to another day of broadcasting on WCNW Fairfield Ohio. WCNW is owned and operated by... on assigned frequency 15-60...” **(KK-VA)**



- KGOW TX Bellaire** – 2/17 0041 – One of two stations (the other was faint gospel) featured a male and female announcer, alternating comments in an accented language, with what seemed like a short interval signal (of several notes) in between. The audio was too muffled for me to identify the language or match it to KGOW's live stream for sure. Later the next night – 2/17 2354 – I could tell the language was likely Vietnamese. I got the live stream running on my phone and heard the same interval signal between speakers as earlier. **(STB-MD)**
- +++ - 2/19 2359 – Over/under WGLB and unID Fox Sports with WFME off; talk in Vietnamese, seemed to continue through the hour without a station break. **(BC-NH)**
- WSBV VA South Boston** – 2/16 1759\* – Had to work 45 minutes to get a full ID from this station playing country-flavored gospel with plenty of ads with those precious local telephone numbers: “Riverdale Auto Parts” at (434) 572-6305 in South Boston, VA, and “Viny’s [not ‘Vinny’s’] Italian Restaurant” at (434) 830-2380 in nearby Halifax, Finally, at 1759 a sign-off: “This concludes another day of broadcasting on WSBV, 1180 Plywood Trail, South Boston, Virginia ...owned and operated by Logan Broadcasting Corporation.” Owner Lamont Logan himself voiced many of the ads I heard. Heard again on 2/17 from 1741 (advertising “The Tire Shop” at 1099 Philpott Road in South Boston, a “Christian-owned” business) until 1828, when it suddenly cut off, well after sunset, in mid song. 2/18 until late cut-off at 1813. 2/19 until 1801 when I again heard the full sign-off, more or less on time. I can tell this will be my usual reception on 1560, not WKIK in La Plata, MD, which I can hear only on ground wave during the day. **(STB-MD)**
- +++ - 2/20 1800\* – Fair in noise with WFME off; sign-off announcement, “This concludes another day of broadcasting on WSBV in South Boston, Virginia. WSBV operates on an assigned frequency of 1560 on the AM dial and is owned and operated by Logan Broadcasting Incorporated. WSBV has studios and offices located at 1180 Plywood Trail, South Boston, Virginia.” **(BC-NH)**
- WFSP WV Kingwood** – 2/12 1655 – In multi-station mix (WKIK, WSBV, WFME, WKDO and UNID singing) with ID as “Preston County’s news source since 1967. WFSP.” **(KK-VA)**
- +++ - 2/17 1735 – Presumed hearing “Preston County” and “WFSP” before a discussion of Rush Limbaugh’s death. Confirmed it the next evening – 2/18 1757: “The Sean Hannity Show, right here on Preston County’s original radio station, 15-60, WFSP.” **(STB-MD)**
- +++ - 2/21 2158 – Noted talk mixing with WGLB and WKDO, ToH ID “1560 WFSP Kingwood”, Fox news. Fair occasionally to swamped by the above stations. Haven’t heard this station since Radio Disney was off in 2015. **(PS-ON)**
- WGLB WI Elm Grove** – 2/16 1600 – “WGLB is not responsible for the content of the proceeding programming” and into gospel music; rose up above the others on the former WFME frequency. Two REL and one C&W on this freq since 1200 ELT, but the only ID I was able to pin down was WGLB at ToH. **(SW-ON)**
- +++ - 2/17 0624 – On early with gospel and spoken Black History Month vignettes by woman. “[WGLBradio.com](http://WGLBradio.com)” and “WGLB, where gospel lovers belong” by woman at 0634. Poor with deep fades. **(GL-NH)**
- +++ - 2/16 2136 – Call sign ID with mention of 96.1 at this time. Programming consisted of vocal pieces mingled with biographical information about notable African-American individuals. Booming in without much competition by 2141. Internet feed seems to lag behind broadcast a good deal. Audible into early the following morning. **(JW-PA)**
- +++ – 2/18 0645 – In multi-station mix with group singing/jingle “WGLB ‘Incredible Gospel’.” New station for me. **(KK-VA)**
- +++ – 2/19 2333 – I was frustrated by a station broadcasting up-tempo gospel without interruption or ID. It suddenly switched to a discussion of Harriet Tubman’s story which matched WGLB’s live stream with about a 2-minute delay. Finally, after trying for several days, I picked up the station that seems to be a regular for DXers in NY and New England! **(STB-MD)**
- +++ – 2/16 2130 – Fair to good with Feeding America PSA. Jingle, “WGLB, Incredible Gospel Music”. **(HJH-PA)**
- +++ - 2/16 0100 – Over/under unID Fox Sports with WFME off; canned ID by woman, “WGLB AM 1560 and 96.1 FM W241CI Milwaukee,” gospel music. **(BC-NH)**





- 1570 **WWCK MI Flint** – 2/18 2155 – ID as “The New K-107.3, Classic Hits”. Fair at times with many others. **(HJH-PA)**
- WVTL NY Amsterdam** – 2/15 1556 – Fair, over CJLV with local WUBG *K-Love* off the air; “Classic Country 104.7 FM and 1570 AM WVTL.” **(BC-NH)**
- 1630 **KCJJ IA Iowa City** – 1/14 1800 – Sports talk on the Michael O’Meara show. Several “1630 KCJJ” IDs. Fair-good signal. **(LW-NY)**
- 1690 **CHTO ON Toronto** – 2/19 1741 – Well atop the frequency with possible Greek music, no IDs between songs but matching CHTO’s live stream (with ~3 minute delay). **(STB-MD)**

# Musings of the Members

Please send material for *Musings* to [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com)

## Wayne Heinen – Aurora CO

Picking up where I left off last issue **12/12** at 0800 KWKW-1330 fading up over the pack SS slogan “Tu Liga Radio Los Angeles” and multiple calls mentions. **12/13** 0000 “AM 1230 KTNC Falls City and FM 107.1” barely atop the channel taped and my 16th new one for the season. The at 0200 on 1090 somebody left the lights on late and I just happened to catch “Sports Talk Saturday night... FM 107.7 W299CQ Rice Lake” WADE ‘s translator another new one taped new one #17! Moving on to 1270 coming out of Red Eye Radio “KLXX Mandan-Bismarck” to ABC News. Added a tape to the collection last logged in '83 from Colorado Springs. **12/14** On 1000 “KOMO Seattle” to ABC News, then another new one for me #18 XEWW-690. With a man & woman in SS “La W” slogan w/CBKF1 taped for the collection. **12/19** On a tip from John Wilkins CHAH-580 0201 Asian language “My Radio 580” slogan u/WIBW New #19 & taped. Later in the day on 1290 at 2100 “WIRL” ToH call ID faded up.

It was interesting to see my old friend Loren Libby WØLD mentioned in Ed Efchak’s Musing. We were both active VHF+ contesters in the 90’s when Loren lived in the Springs. Last I saw him was when Rocky Mountain Ham Radio hosted the Central States VHF Society Conference in 2015.

Those are the stations I didn’t hear last DX season. Totals are now up to 574 towards my goal of beating last year’s 638 loggings. Still didn’t get to my 2021 tapes yet but I’m trying! Till next time 73 & Good DX!

## Robert McArthur – Vienna VA

The pandemic has inspired me to spend a lot of lock-down time decluttering the house. One day last year while engaged in that effort I found in the far reaches of a remote closet a box containing long-forgotten reel-to-reel audio tapes along with a smaller box full of veries. I had recorded the tapes off the radio in the early to mid-1960s, mostly from my Arlington, VA home. Several tapes were labelled “station breaks,” and the cut sheets for them listed over 200 bcb stations. Feeling pangs of nostalgia, I wanted to hear some of those old recordings again, but I no longer owned a working tape deck. I searched far and wide for a replacement but found no joy, so I decided to send the tapes out for digitizing. That digital output provides a huge advantage over the tapes, because now for the first time I’m able to edit and organize all those air checks.

Recently I selected some of the more interesting ones and produced a YouTube presentation of them in sequence by frequency from 540 to 1600 khz. Among the recordings are snippets of Wolfman Jack, Cousin Brucie, and other personalities, plus numerous jingles and other production. Check out <https://www.youtube.com/watch?v=z8litAtBWXQ>. This project has rekindled my interest in BCB DXing, and now after 60 years I’ve rejoined the NRC. Most evenings I roam the dial on my McIntosh 7200 tuner listening for new catches.

## Unreported Domestic Stations

Two stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WNIX-1330 and WSEZ-1560. (Only WBOL and KHBR remain unreported on 1560.) There are now only 265 stations (not counting LPRT and HAR/TIS stations of less than 100 watts). in the United States and Canada not reported to DDXD at all during this period. Can you log and report one for next issue? The most recent list was published in issue #1 – if you’d like an updated list by e-mail, send a request to the publisher at [NRCDXNews@gmail.com](mailto:NRCDXNews@gmail.com).



# Domestic DX Digest – West

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

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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 will be excluded at the editor's discretion.

**SOMETHING NEW!** An inquiry has been received concerning the adding of the email address along with the Reporter's location and equipment used. There is no reason why we can't . . . so if, you would like your email address added to your Reporter credit line, let us know specifically that it's OK. That way, if you begin to receive spam emails and you attribute that to your address being printed here, that relieves us of that responsibility.

Upcoming deadlines for DDXD-West: **Issue 13 – March 20; Issue 14 – April 10, 2021.**

## --- REPORTERS ---

- RA-CA** René Auvray Gardena, California (DXing at indicated locations) 2020 Toyota Corolla radio
- 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, CA Perseus w/Jaguar Pro, Wellbrook ALA 1530 LNP or W6LVP loop mounted on a Hy-Gain AR-500 rotor at 25 ft., RPA-2 Preamp, ANC-4 Phaser
- 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) [Sean sez: "Seven new stations for me in this batch, brings me up to 639 from this location".]
- RD-NE** Rick Dau South Omaha, Nebraska Sangean ATS-909X receiver, Grundig AN-200 passive antenna [Rick says: "983 domestics heard here, 1034 overall".]
- SD-MN** Skip Dabelstein KØSBV Maple Grove, Minnesota Icom R75 and Drake SW8 Receivers, Ratzlaff Active Whip and Radio Plus Quantum Loop Antennas
- MJ-QRO** Mike Jeziorski Juriquilla, Queretaro, Mexico ICF-2010
- CK-CO** Chris Knight Pueblo West, Colorado ELAD FDM-S2, Superloop 6' high x 11' long facing SW; <cgknight63@msn.com> [Chris muses: "Total stations heard so far this year are 399, just one station short of 400. Stations in the report are all new for me at this QTH".]
- TK-FL** Terry Krueger Niceville, Florida IC-R75, NRD-535, ICF-7600GR, active loop, random wire, miscellaneous junk
- JN-TX** James Niven Cedar Creek, Texas Receivers: ELAD S2, Perseus SDR and Drake R8B with Antennas: DKAZ 120°, DKAZ 60° and DKAZ 310° <jniven@austin.rr.com>
- JP-AB** Jon Pearkins Edmonton, Alberta Sangean PR-D15 & HDR-16 barefoot
- JR-OK** John Reed KA5QEP Shawnee, Oklahoma Receiver: ICOM R9500; Antennae: homebrew tuned 12" diameter air loop, large ferrite tuned loop (29" bundle of three large stacked rods), smaller ferrite tuned loop (23" bundle of three smaller stacked rods), Clifton Labs active whip
- 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
- DS-TN** Doug Smith Bellevue, Tennessee Tecsun PL880 barefoot
- JW-CO** John Wilkins Wheat Ridge, Colorado Drake R-8, 4-foot box loop



--- UNID ---

- 960 unID – 2/10 0329 – Fleetwood Mac’s ‘Dreams’ fighting through QRM. Weak. Any clues? (RA – Covina, CA)
- 1230 unID – 2/10 0328 – 0331 – ‘Family Tradition’ to another Country song. Any ideas? (RA – El Monte, CA)
- 1630 unID – 2/22 1936 – Continuous bleep-bleep tone with fall-off, something transmitter audio feed malfunctioning. Pointed NE/SW. Not many domestics to pick from, assuming not a TIS. KKGM? Thanks D. Crawford in Titusville, FL for the alert. (TK-FL)

--- DX LOGGINGS ---

- 550 KFYI AZ Phoenix – 2/24 2358 – Poor. Mixing with a station in Spanish at times. Ad and legal ID by man: “The Valley’s talk station. This is Newstalk 5-50 KFYI Phoenix . . . an iHeart radio station”, into Fox News. (CK-CO)
- 600 KVNA AZ Flagstaff – 2/15 0600 – First log of this station in a long time, ESPN sports format with a nighttime power of just 48 Watts. Battling with CKSP; no sign of usual KROD or KGEZ. (SB-UT)
- 600 CKSP BC Vancouver – 2/15 0505 – Sher E Punjabi Radio with Indian music with brief ID between songs. Steady over everything else for 10 minutes. (SB-UT)
- 610 WTEL PA Philadelphia – 2/25 0608 – Poor- BIN news feed, BIN entertainment report. Alone/steady. (JJR-WI)
- 620 KTAR AZ Phoenix – (?? date) 1959 – With an NBA BKB game in progress. QRM from KONT (Ontario International Airport). (RA-El Monte, CA)
- 620 KMNS IA Sioux City – 2/26 0719 – “Fox Sports Radio”, “KMNS online . . .”. Poor, in WTMJ null. (JJR-MI)
- 630 CHED AB Edmonton – 2/26 0717 – Alberta talk . . . then “6-30 Ched”. Poor, with WREY nulled. (JJR-MI)
- 680 CJOB MB Winnipeg – 2/13 2303 – Extensive Canadian-accented talk about NHL. Figured I had CFTR. Nope! “CJOB Weather”, low of -37, high -25. That’s Celsius, but at -40 Celsius & Fahrenheit merge . . . (DS-TN)
- 690 KFXN MN Minneapolis – 2/26 0813 – Very poor, but Hmong chanting noticeable way under KGGF. Steady. (JJR-MI)
- 700 KALL UT North Salt Lake City – 2/8 2228-2230 – Came up with commercials, a morning show with mentions of ‘Utah’ and ‘ESPN 700’. Slowly faded out. 700 #1 logged in California. (RA-San Bernardino, CA)
- 720 WGN IL Chicago – 2/15 0500 – Unusually clear without interference from KDWN. Top-of-the-hour IDs and news. (SB-UT)
- 760 KTKR TX San Antonio – 2/13 0059 – “San Antonio’s sports station, Ticket 760”, mention of WOAI. Poor. TX #41. (MJ-QRO)
- 770 KCBC CA Manteca – (?? date) 2000-2002 – With Call ID into REL programming. First time as KKOB is dominant here. (RA-El Monte, CA)
- 790 KNST AZ Tucson – 2/12 0822 – Ad for ‘Zip Recruiter’; ID as “KNST . . . Tucson’s Most Stimulating Talk”; back to local talk show with Garret Lewis at 0824. Generally fair. (JW-CO)
- 790 WCHQ TN Ashland City – 2/24 2119 – Very poor, but a very clear “. . . in Ashland City”, with others. Ex: WVVWZ. (JJR-WI)
- 790 WCHQ TN Ashland City – 2/25 0258 – Country music into Top-of-Hour ID as: “Q Country” with mention of “The Bear” on 103.9. New call for previous WVVWZ. (SD-MN)
- 790 KJRB WA Spokane – 2/15 1958 – First time picking up this 5 kW station. “The Bear” slogan and “The Rock You Know” in between songs along with translator information. (SB-UT)
- 800 CHAB SK Moose Jaw – 2/12 0834 – Weather (high -24, low -34); song by the Steve Miller band; this was ‘The Morning Show with Rob Carnie’. Fair signal, with no QRM. (JW-CO)
- 810 KLVZ CO Brighton – 2/18 0253-0258 – Rose up underneath KGO’s John Bachelor show with the ‘Wanderer’ by Dion, Ringo Starr, Alicia Bridges, and Joni Mitchell tunes followed. // stream. 430 Watts nights at 756 miles. (SB-CA)
- 860 KNAI AZ Phoenix – 2/15 0600 – Legal ID preceded and followed by Ranchera music from La Campesina at 1 kW night power. Usual local KKAT absent. (SB-UT)
- 890 WBAJ SC Blythewood – 2/25 0612 – Poor, but easily heard in WLS null. REL programming. NEW! (JJR-WI)



- 900 KBIF CA Fresno – 2/24 2358 – Poor. Pretty much alone on frequency, with legal ID by man: “You’re listening to the Central Valley’s station . . . KBIF Fresno”, into woman talking in Asian language. Flute music a little later. (CK-CO)
- 900 CKBI SK Prince Albert – 2/26 0801 – “Saskatchewan Country CKBI” after Anne Murray song ended. Very poor; others in. (JJR-MI)
- 910 KMPS CA Hesperia – 2/15 2003 – Uncommon logging, just 700 Watts daytime power usually under KGME. Mexican music with ‘La X’ branding also on 103.1 FM. (SB-UT)
- 910 KCJB ND Minot – 2/15 1900 – Top-of-the-hour ID heard after the end of an unknown Country song leading into news before fading out. (SB-UT)
- 910 WEPG TN South Pittsburg – 2/14 0800 – “WEPG South Pittsburg, 104.9 The River”. (DS-TN)
- 920 WMMN WV Fairmont – 2/17 2246 – “On your station for WVU Basketball”, “Mountaineer tickets”. (DS-TN)
- 920 CKNX ON Wingham – 2/19 0630 – “This is CKNX”, Owen Sound MP interviewed about Bill C-21. (DS-TN)
- 930 KSDN SD Aberdeen – 2/26 0705 – “NewsTalk 930 KSDN – 102-1 FM and HubCityRadio . . . , high of 50 today”. Poor. (JJR-MI)
- 940 KFIG CA Fresno – 2/8 2238-2240 – With a Laker NBA game. “ESPN 940” mentioned. Some QRM. 940 #1. (RA-Ontario, CA)
- 940 KFIG CA Fresno – 2/18 0400-0403 – Good, against mix of KGMS and XEMMM, with ESPN sounder and “Sportscenter All Night” announcement by male followed by sports headlines of the day: Naomi Osaka defeating Serena at the Australian Open into Dave Reynolds program. For its power, you’d think I would have heard this sooner. 50 kW pointed at the SF Bay at 252 miles. (SB-CA)
- 950 WORD SC Spartanburg – 2/13 2257 – “ESPN Upstate”, ID with WYRD-1330 and WFBC-FM 93.7 HD3. (DS-TN)
- 960 WERC AL Birmingham – 2/14 0802 – “WBRC Fox 6 Alert Center”, “Newsradio 105-5 WERC”. (DS-TN)
- 960 KNDN NM Farmington – 2/24 2358 – Poor-to-fair. Navajo vocal, legal ID by man: “From the heart of the \_\_\_ country, KNDN Farmington, New Mexico . . .”. Sounded a little off frequency. Local 970 – KFEL causing splatter. (CK-CO)
- 970 WYSE NC Canton – 2/24 2112 – Poor, with basketball game. “Fox Sports Charlotte” // ads. Not listed anywhere. (JJR-WI)
- 1010 KTNZ TX Amarillo – 2/25 0722 – Poor, with EWTN’s ‘Sonrise Morning Show’. Three EWTNers, best bet: assumed. (JJR-WI)
- 1020 KCKN NM Roswell – 2/26 0702 – Poor, with SS REL and “Radio Vision Christiana” noted. No KDKA. Alone. (JJR-MI)
- 1040 KPPF CO Monument – 02/20 0908 – With The Monitors’ ‘What will we be singing in the 80s’. Male comes on with ‘Details of Donation for Kingdom of God’. 0910: Male mentions “. . . downtown Colorado Springs . . . call 471-8957 for hours . . .”, jingle by little girl for eating ‘America.org’, male then mentions “We’re building . . . at KPPF, the Power of Information”, then back into music. Signal was peaking from Fair-to-good over KGGR in Dallas. New. (JN-TX)
- 1050 KTBL NM Los Ranchos – 2/15 2104 – 1 kW “The Pit” rock music with good ID between songs at 2104, “Everything that rocks . . . Albuquerque’s new choice for rock”. (SB-UT)
- 1050 KTBL NM Los Ranchos de Albuquerque – 2/24 2358 – Poor. Classic Rock music, legal ID by man: “K . . . Sandia, KTBL Los Ranchos de Albuquerque . . .”, back to music. Mostly under presumed XEG. (CK-CO) [K233CG 94.5 Sandia is a KTBL translator – Ed.]
- 1070 WCSZ SC Sans Souci – 2/24 2217 – Poor, with SS up tempo music, “La Jefa” – some others in too. (JJR-WI)
- 1090 KAAZ AR Little Rock – 2/15 0251-0310 – Very weak, underneath barely (as in hardly at all!) nullable flamethrower XEPRS’ Rich Eisen Show sportstalk, with ads for ‘Lone Star Transfer’ and ‘Optima Tax Relief’ into Country Gospel tune by a female singer – not sure of the title but kept repeating “Everything is Gonna Be Alright”. Disappeared before Top-of-Hour, but back again on the other side with a more traditional gospel tune by a baritone male. All content copied is // stream. AR #1 from the SoCal desert. 50 kW at 1,377 miles. (SB-CA)





- 1100 KAFY CA **Bakersfield** – 2/24 2358 – Poor. Caught part of legal ID by man mentioning two FM stations in California, one was “K300CW(?) 107.9 FM en Indio, California”, several “La Nueva” slogans. Soon lost to QRM. **(CK-CO)** [K300CW is a translator for KLRD 90.1 Yucaipa, which is on the ‘Air 1’ network – Ed.]
- 1100 WZFG MN **Dilworth** – 2/26 0848 – Poor, with time check, “WDAY” reference. “Need to Know Show on 1100 the Flag”. **(JJR-MI)**
- 1130 KQNA AZ **Prescott Valley** – 2/15 2000 – Daytime only 1 kW station, “The Talk of the Quad Cities” with clear Top-of-Hour ID leading in to Fox News. Soon lost under CKWX. **(SB-UT)**
- 1130 KSDO CA **San Diego** – 2/24 2358 – Fair peak. Spanish. Through KWKH, with “Radio Inspiración” slogans and legal ID by man: “KSDO, once treinta AM, San Diego” followed by “Radio Inspiración” jingle. **(CK-CO)**
- 1170 WWVA WV **Wheeling** – 2/13 2253 – “Newsradio 1170 WWVA”. **(DS-TN)**
- 1190 KJJI AR **White Hall** – 2/19 2140 – Fair, under KDMR, with a local weather forecast (from Weatherology, I think) stuck in amidst a long string of Beatles songs, including ‘And Your Bird Can Sing’. Heard a couple of evenings since. I see that KJJI’s day power is 25 kW . . . with KQQZ now gone, this one should get out well for sunrise and sunset DXers in the Midwest. Arkansas #29 at this locale. **(RD-NE)**
- 1190 KDMR MO **Kansas City** – 2/25 0648 – EWTN feed, in WOWO null. Poor. **(JJR-WI)**
- 1240 KJAA AZ **Globe** – 2/15 1901 – “KJ Radio” with Top-of-the-hour ID with full station and translator info leading into Roy Orbison’s ‘Working For The Man’. **(SB-UT)**
- 1240 KIUL KS **Garden City** – 02/20 0900 – With male giving local weather report: “. . . Sunday . . . clear skies, . . . Weather forecast . . . On the Big Talker KIUL, currently 16 deg . . . 104.9 KIUL Garden City . . .”, then dipped out. New. **(JN-TX)**
- 1260 KBSC AZ **Apache Junction** – (?? date) 2241-2243 – Mention of “Doug’s Transmission” in Apache Junction. No KMZT. First timer. **(RA-Ontario, CA)**
- 1260 KWYR SD **Winner** – 2/26 0838 – Poor, but alone and atop. Central South Dakota references with weather. “Sunny 51 today”. **(JJR-MI)**
- 1260 WEKZ WI **Monroe** – 2/25 0715 – Poor, with Juice Newton song, “Big radio” and “. . . and 95.5 WEKZ”. Alone/Rare! **(JJR-WI)**
- 1280 KBNO CO **Denver** – 2/15 0502 – Weak signal with slow Mexican music. Brief ID between songs. KAVA 107.5 FM sister station info then more music. No trace of local KZNS. **(SB-UT)**
- 1290 KCUB AZ **Tucson** – 2/24 2358 – Poor-to-fair. In mix with legal ID by man: “KCUB Tucson, your sports station.” Mentioned “CBS Sports”. **(CK-CO)**
- 1290 KIVY TX **Crockett** – 2/13 2327 – “1290 AM and 102.9 FM KIVY”, \*\*old\*\* oldies! **(DS-TN)**
- 1300 KROP CA **Brawley** – 2/15 2100 – Media missionaries broadcasting from Christ Community Church in Calexico. Very good signal well over closer KLER Orofino, ID despite 1 kW power. **(SB-UT)**
- 1300 KROP CA **Brawley** – 2/24 2358 – Poor. Legal ID by man: “You’re listening to KBGA Holtville 100.1 FM . . . and KROP 13 hundred AM Brawley, California . . .”. **(CK-CO)**
- 1300 WMTM GA **Moultrie** – 2/21 0655 – “When Radio Was” brokered block, ending credits for a “Yours Truly, Johnny Dollar” episode, embedded spots for ordering WRW Old Time radio serials CD sets, ‘anti-COVID’ PSA and ad for an air fryer, then man with ID and mention of translator, into CBS News. Out of the news and back to “When Radio Was” with a “Great Gildersleeve” show, local break at 0716 with a spot for a fried chicken joint on “. . . Street, Moultrie.” Held forth until around 0725, with a brief WNQM preacher and something Spanish (probably Tampa) salsa weak co-channel. First log of this one, I think. This was a local Sunday morning, and thus I suspect “When Radio Was” isn’t a weekday thing at these hours. No functioning station stream. **(TK-FL)**
- 1300 KLER ID **Orofino** – 2/18 0838 – “Farm of the Future Report” just ending; CoVID ad or PSA from the Clearwater Valley Hospital; program note for Idaho vs Portland State basketball; “News, weather, and sports in the morning and the best Country music all day long – AM 13 KLER” and into music. **(JW-CO)**
- 1310 KGLB MN **Glencoe** – 2/18 0800 – Legal ID at Top-of-Hour: “AM 1310 KGLB Glencoe, Classic Hit Country”, followed by at least three country songs before fading. Fair-to-good with KFKA partly. **(JW-CO)**
- 1310 KNPT OR **Newport** – 2/15 0600 – First time logging this under always-present KLIX, but heard the web address and 98.3 FM translator after a commercial, then into news. **(SB-UT)**

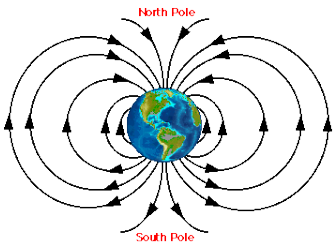
- 1320 KIFM CA West Sacramento – 2/24 2358 – Good peak. Legal disclaimer – fast legal ID by man, mentioned: “. . . powered by Lasher’s Elk Grove Dodge”, “ESPN 13-20” slogan, into ESPN Sports. (CK-CO)
- 1320 KELO SD Sioux Falls – 2/26 0835 – Very poor, with “. . . from the Kelo . . .”, then weather: 48, windy. Kelo NewsTalk 1320, 107.9. (JJR-MI)
- 1330 WNIX MS Greenville – 2/19 0659 – “Family Medical, Drew, Mississippi”. (DS-TN)
- 1330 KGAK NM Gallup – 2/24 2358 – Poor. Woman with legal ID and possible sign-off announcements. Heard instrumental Star Spangled Banner. (CK-CO)
- 1360 WWOW OH Conneaut – 2/25 0711 – Poor, but in better 12 minutes later. 60s oldies, “Wow Radio”. (JJR-WI)
- 1370 WLTH IN Gary – 2/25 0737 – Poor, with calls. Songs by Eddie Kendricks and the Four Tops. Replacing WSPD earlier. (JJR-WI)
- 1380 KLPZ AZ Parker – 2/24 2358 – Fair peak. Country-western music, legal ID by man: “KLPZ Parker, Lake Havasu and \_\_\_, setting the standards for other radio stations”. (CK-CO)
- 1390 KLTX CA Long Beach – 2/24 2358 – Poor-to-fair. Mentioned “24 horas del dia”, legal ID by man followed by “Radio Inspiracion” jingle. (CK-CO)
- 1390 KENN NM Farmington – 2/15 0500 – Strong, over everything else, with Top-of-the-hour ID, news, weather, then a replay of the Mark Levin show. (SB-UT)
- 1390 KENN NM Farmington – 2/18 0305-0310 – In the mix again, with unID gospel station with local weather by meteorologist Eric Green on “Northwest New Mexico’s Newstalk Leader, KENN 13-ninety AM and 92.1 FM” and back into C2C. Re-log. 1.3 kW nights at 505 miles. (SB-CA)
- 1400 KTUC AZ Tucson – 2/15 0706 – “Tucson’s All-Time Classics” faded in with a good ID and promo for streaming app, then into Roy Hamilton’s recording of ‘Unchained Melody’. (SB-UT)
- 1400 KAZZ UT Parowan – 2/23 0857 – ID only as “St. George News Radio 1450 AM and 93.1 FM KZNU”; I think SRN news followed. Rough copy; noted parallel to 1450 KZNU. (JW-CO)
- 1400 KRSC WA Othello – 2/15 0700 – New logging, but only heard call letters at the Top-of-Hour along with KIHG Eureka, unintelligible overlap afterwards. (SB-UT)
- 1400 KKTL WY Casper – 2/15 1905 – Good reception for several minutes, two IDs on either side of Johnny Horton’s ‘Battle of New Orleans’. (SB-UT)
- 1410 KTNK CA Lompoc – 2/20 0316-0322 – Rose up over usually-dominant KERI with a steady mix of Classic Country tunes on the “Honky Tonks and Heartaches” program. // stream. Listed at 77 Watts nights at 239 miles. (SB-CA)
- 1420 KMOG AZ Payson – 2/15 2103 – Good signal after KLO finally powered down. Fox News ending into local weather and ID in the “Heart of Rim Country”. (SB-UT)
- 1420 KTAN AZ Sierra Vista – 2/15 2057 – Heard under the slop from 1430 KLO still running daytime power. 1.5 kW “Thunder 98” with rock music. No sign of stronger KMOG until 2103. (SB-UT)
- 1420 KSTN CA Stockton – 2/24 2358 – Poor. In mess with clear, legal ID by man and “attention-getter” tones (letter “I” in Morse Code), repeated, into Country music. (CK-CO)
- 1430 WCMY IL Ottawa – 2/25 0739 – Poor- BillWalsh.com (Chevy dealer) Full Service 1430 WCMY” o/others. (JJR-WI)
- 1430 WION MI Ionia – 2/13 0809 – Poor, with “1430, 92.7 and 100.3 WION”. OLDies show. Heard ‘WION’ jingle later. (JJR-WI)
- 1450 KBUN MN Bemidji – 2/26 0928 – Weather: “32 degrees” at KBUN, the Bun Sports Radio 94.5. ESPN. Poor. (JJR-MI)
- 1460 WKAM IN Goshen – 2/21 0802 – Very poor, but wa-a-a-a-y under WJTI’s spoken word. “La Raza” and lively SS! (JJR-WI)
- 1460 KXPB NE Kearney – 2/17 0843 – Ad for ‘Chicken Coop’ restaurant; program note for upcoming Tri-City Storm USHL game; weather forecast, then back to sports talk (presume ESPN). Noted parallel to 1550 KICS. Fair. (JW-CO)
- 1460 CJOY ON Guelph – 2/26 0741 – Poor, with “70s, 80s, 90s CJOY” jingle, then ‘Proud Mary’ by Ike and Tina Turner. No KXNO. (JJR-MI)
- 1480 WMMA AL Irondale – 2/14 0730 – WABF Mobile alone and poor with Oldies until this unkind Alabama brother came up abruptly with EWTN programming, long interview with Cameroonian dude on Catholic Church suppression in Cameroon and something paranoid about the CIA messing with them, then a segment on how poor the Vatican is now that the Vatican Museum is COVID closed. So sad. (TK-FL)





- 1480 KYOS CA Merced – 2/15 0459 – Caught 30-second promo for weekend oldies programming, legal ID and translator info, followed by USA Radio News. **(SB-UT)**
- 1480 KNGO TX Dallas – 2/24 2055 – Fair. Woman talking then legal ID by man preceded by the same theme music as heard on 1560-KGOW, “Viet Radio” slogan. Local KAVA, which has been having audio issues, was off. **(CK-CO)**
- 1490 KDBM MT Dillon – 2/15 1901 – Well above the afternoon rumble for full Top-of-Hour ID: “More music, more sports, more country”. No sign of local KOGN. **(SB-UT)**
- 1490 WLXR WI La Crosse – 2/18 0747 – Poor, with 60s/70s OLDies. In/out with others. “1490 the Eagle” . . . again. **(JJR-WI)**
- 1500 KSTP MN St. Paul – 2/17 2258 – “Skor North”, ‘Menards’ ad, Minnesota sports. **(DS-TN)**
- 1510 KPLS CO Littleton – 2/15 0500 – Strong reception, with religious programming and legal ID heard. K225CZ translator in Boulder 92.9 FM. **(SB-UT)**
- 1510 WWHN IL Joliet – 2/22 0744 – Very poor, with “WHN” after three blues songs. Atop. Not great, but not common. **(JJR-WI)**
- 1520 KSIB IA Creston – 2/26 0826 – With songs by Kiss and Elton John. “Kool 102”. Poor; basically alone. **(JJR-MI)**
- 1520 KZOY SD Sioux Falls – 2/9 0916 – Out of music with “. . . the best music of the 80s and 90s . . . your independently owned local radio station, Sunny 93.3”, then more music. Fair, at best with 500 Watts. **(JW-CO)**
- 1530 WLAK WI New Holstein – 2/14 0826 – Very poor, with “Weather from WGBW and WLAK” before and after weather. WCKY still in. **(JJR-WI)**
- 1540 KBOA MO Kennett – 2/14 0612 – Paul Mauriat-ish (but not ‘Love Is Blue’) orchestral strings song, male “KBOA 1540 AM . . .” followed by musty Nostalgia vocals. Last log was August 2019, when this was rapidly varying 1539.996-1540.005, but seemingly stable on channel now, though a low het bottom side, probably KGBC which has been perpetually on the low side. KBOA a mere 1000 Watts, and that’s if on day power at this time. **(TK-FL)**
- 1550 KUAZ AZ Tucson – 2/15 1900 – Much stronger than usual reception of a daytime-only NPR station from the University of Arizona. Weather, local sponsors, and ‘All Things Considered’. **(SB-UT)**
- 1550 KWRN CA Apple Valley – 2/15 2101 – ‘Radio Lazer’ with good Cumbia music. Slogans and translator info given just after Top-of-Hour. Still running at day power. **(SB-UT)**
- 1550 WIGN TN Bristol – 2/21 0654 – Poor, with “This is WIGN . . .” after a song. With WGLB splash. **(JJR-WI)**
- 1560 KLNG IA Council Bluffs – 02/23 0805 – Fair signals, with their religious programming. **(SMA-MB)**
- 1560 KBEW MN Blue Earth – 02/24 0745 – Faded in briefly, with music then into local ads. **(SMA-MB)**
- 1560 WMBH MO Joplin -02/17 2345 – Faded up with Fox Sports Radio programming for several minutes. Mixing with dominate WGLB (the frequency pest) and fading in and out KGOW. NEW! **(SMA-MB)**
- 1560 WCNW OH Fairfield – 2/19 0649 – “AM 1560 WCNW”, “513-856-9733”, listed on wcnwradio.com as number of advertiser. **(DS-TN)**
- 1560 KGOW TX Bellaire – 02/24 0854 – Faded up briefly with Vietnamese music and a lady talking. Then gone to WGLB. **(SMA-MB)**
- 1570 WFRL IL Freeport – 2/26 0824 – With time check, Country music, chatter: “Slumberland in Freeport . . .”. Poor, but no others. **(JJR-MI)**
- 1580 KKTS WY Evansville – 2/15 1900 – Strong, late afternoon pickup of this 1 kW station, with no KQFN interference. Top-of-Hour ID with ‘Townhall News’, local commercials, and then music. **(SB-UT)**
- 1600 KGST CA Fresno – 2/15 0500 – Rare logging for me of Multi-cultural “AM 1600”. Neither KIVA or local KTUB were interfering. Mexican music before and after a quick Top-of-Hour ID. **(SB-UT)**
- 1600 KMDO KS Fort Scott – 02/20 0700 – With male: “. . . K252FY 98.3 FM KMDO AM Fort Scott, time now for Fox News on 98.3 FM and 1600 AM. . .”, then into Fox News. Fair signal under KOKE’s dead carrier. New. **(JN-TX)**
- 1600 KDAK ND Carrington – 2/26 0902 – “. . . Restaurant in Carrington . . .” through others. Very poor; KGYM not a factor. **(JJR-MI)**
- 1600 KUSH OK Cushing – 02/20 0800 – With male saying “. . . 101.5 & 1600 KUSH, Oklahoma’s Americana Station”, fair signal. New. With dead carrier from KOKE, Pflugerville. **(JN-TX)**

- 1630 KKGM TX Fort Worth – 2/6 2059 – Legal ID, Black Information Network programming. Poor and all alone. TX #39. (MJ-QRO)
- 1640 KDIA CA Vallejo – 2/15 0700 – Heard under local pest KBJA very briefly, with legal ID at the Top-of-Hour. Some kind of religious sermon audible now and then afterwards. (SB-UT)
- 1640 KDZR OR Lake Oswego – 2/20 0230-0250 – Poor, under KBJA and KDIA mix, with “The Patriot” by male and what turned out to be a recording of a Rush Limbaugh speech from 2020. PSAs also noted for ‘National Forests’ and ‘Buzzed Driving’. // stream. 1 kW nights at 871 miles. (SB-CA)
- 1660 KRZI TX Waco – 2/13 2359 – Legal ID given with IDs for three other stations (not copied) and “ESPN Radio”. Poor-to-fair. TX #40. (MJ-QRO)
- 1680 KNTS WA Seattle – 2/15 0702 – Not a difficult station to catch. First logging with new “La Patrona” branding. (SB-UT)
- 1700 KVNS TX Brownsville – 2/12 0400-0402 – Popped up underneath XEPE’s Classic Rock – Glen Frey, Rick Springfield with Top-of-Hour ID by male: “On Fox Sports Radio . . . This is KVNS, Brownsville. Available everywhere on the iHeart Radio app . . . Fox Sports 17-hundred, an iHeart radio station”, into Fox Sports sounder and sports headlines. 880 Watts nights at 1,246 miles. (SB-CA)



# Geomagnetic Indices

Geomagnetic Summary January-February 2021

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	01/30	74	2	0	no storms
01/ 1	80	4	1	no storms	31	76	1	1	no storms
2	<b>82</b>	2	1	no storms	02/ 1	74	5	2	no storms
3	80	2	1	no storms	2	73	16	2	no storms
4	78	3	1	no storms	3	74	14	3	no storms
5	75	11	3	no storms	4	74	7	2	no storms
6	74	11	1	no storms	5	73	6	1	no storms
7	75	6	3	no storms	6	73	7	2	no storms
8	75	2	0	no storms	7	73	<b>21</b>	2	<b>minor, G1</b>
9	74	3	0	no storms	8	74	6	3	no storms
10	73	3	1	no storms	9	70	4	0	no storms
11	73	14	4	no storms	10	74	3	0	no storms
12	73	9	1	no storms	11	76	4	0	no storms
13	73	4	1	no storms	12	72	5	3	no storms
14	74	2	1	no storms	13	71	13	2	no storms
15	73	3	0	no storms	14	71	4	0	no storms
16	78	4	1	no storms	15	70	5	3	no storms
17	77	2	1	no storms	16	71	15	1	no storms
18	75	4	2	no storms	17	72	8	2	no storms
19	78	6	1	no storms	18	71	4	1	no storms
20	77	6	1	no storms	19	73	17	4	no storms
21	78	<b>2</b>	1	no storms	20	76	20	4	no storms
22	78	4	1	no storms	21	75	20	3	no storms
23	78	4	2	no storms	22	76	17	3	no storms
24	78	5	2	no storms	23	78	12	1	no storms
25	77	<b>17</b>	<b>5</b>	<b>minor, G1</b>	24	<b>81</b>	<b>21</b>	<b>4</b>	no storms
26	76	12	2	no storms	25	80	13	3	no storms
27	76	11	3	no storms	26	80	11	2	no storms
28	76	5	0	no storms	27	79	4	1	no storms
29	76	3	1	no storms	02/28	78	6	3	no storms

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



# International DX Digest

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

All times are Universal Coordinated Time (UTC)

## PAN-AMERICAN DX

- 540 **MEXICO** XEHS Los Mochis, Sin. FEB 19 0202-0218 – Fighting it out with XESURF; steady stream of Mexican music and numerous *La Mejor*, “Cinco cuarenta AM,” and Sinaloa mentions between songs by male. Listed in the Mexican Log at 2.5 kW nights at 700 miles. [Battaglino-CA]
- 570 **MEXICO** XEJB Monterrey, NL FEB 25 0458 – Poor-fair. Pretty much alone on frequency with ranchera music, “La BJB Regional Mexicana” slogan by man, back to music. [Knight-CO]
- 620 **MEXICO** XENK México, DF FEB 25 0510-0533 – Man in Spanish with variety instrumental music – peppy to easy listening; rooster crows inserted over music. Parallel streema.com for Radio 620 XENK. New, XE #21. [Frodge-MI]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo FEB 25 0256-0300 – Man with commentary in Spanish to music at 0259 past top of the hour, parallel 4765 kHz. Mixing with WMFN Peotone IL. [Frodge-MI]
- 739.94 **MEXICO** XEQN Torreon, Coah. FEB 6 1243 – Several *R.Fórmula* program notes. No other ID’s heard so presumed XEQN, off-frequency for several years now. Fair on LSB. [Wilkins-CO]
- 790 **CUBA** *R.Reloj*, Pinar del Río//Holguín FEB 28 0400 – Fair; “Radio Reloj,” beep, “Once en punto,” and RR Morse code. [Conti-NH]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk FEB 26 0231-0246 – Occasional traces of English voice but, with antenna to southeast, PJB was all alone in Spanish with a couple of slow fades to unintelligible level. What sounded like Spanish contemporary Christian male and female vocals with female host. One long several minute break by host as well as shorter breaks between most songs. Short instrumental faded down to precisely hit 0245 when a female announcer did a 20 second break, followed by a male announcer with a 10 second “Transmundial” ID. Another male announcer did 30 seconds at 0245:30, and the next program began at precisely 0246 with yet another male announcer doing a very short greeting in Spanish. First time ID’ed from Edmonton and most distant reception at 3770 miles. No sign of 530 Cuba and no aurora alerts, yet no sign of regulars 800 CHAB and CKOR. [Pearkins-AB]
- 840 **CUBA** CMHW *Doblevé*, Santa Clara FEB 26 0500 – Over/under WHAS; choral national anthem and canned ID, “Esta es Doblevé, desde Santa Clara...” then heard choral national anthem from co-channel *R.Revolución*. [Conti-NH]
- 860 **CUBA** *R.Reloj*, Jovellanos//Bolondrón FEB 24 0110 – News reports with clock ticks and “RR” code ID’s. Excellent signal. [Beu-TX]
- 860 **MEXICO** XEMO Tijuana, BC FEB 25 0458 – Fair; música romántica song, ID by woman: “XEMO, La Poderosa...” mentioned “10 mil wats de potencia,” back to music. Over KNAI. [Knight-CO]
- 860 **MEXICO** XEUN *Radio UNAM*, México, DF FEB 24 0116 – Mighty fine jazz instrumental program running throughout the evening. Peaking to fair signal. [Beu-TX]
- 990 **MEXICO** XECL Mexicali, BC FEB 25 0458 – Fair; oldies music in Spanish and English, “Rockola” slogan by man followed by “Buen en música” jingle. [Knight-CO]
- 1050 **MEXICO** XEG Guadalupe, NL FEB 15 0200-0207 – Poor. In and out underneath mix of XED U.S. hits and semi-local KCAA Greatest Hits USA program with continuous ranchera music, which was easily readable because of its contrast to the other music noted. Also heard a much longer adult anthem that sounded different which could mean I also heard XEBCS La Paz, but cannot confirm that. Short adult choir anthem noted as well which is consistent with Mexican Log listing. Listed 100 kW at 1,117 miles. [Battaglino-CA]
- 1090.04 **COLOMBIA** HJBC *Caracol Radio*, Cúcuta FEB 27 2300 – Presumed; het on the high side of WBAL, measured 1090.040 kHz as listed. [Conti-NH]
- 1090 **MEXICO** XEPRS Tijuana, BC FEB 25 0458 – Fair-good. “The Mightier 1090” slogan, promo for website, into ads, one ad mentioned San Diego. Signal punching thru 1080 KRLD IBOC. [Knight-CO]

- 1100 **MEXICO** XEGRM Ometepepec, Gro. FEB 18 0154 – Full legal ID; mention of 1 kW; faded up nicely over XETGO and KDRY; Gro. #4. [Jeziorski-QRO]
- 1140 **MEXICO** XEMR Monterrey, NL FEB 25 0458 – Poor-fair; lite music, CST time check and current temperature, full ID by man: “XEMR 1140 en amplitud modulada, transmitiendo las 24 horas del dia con 50 mil wats de potencia...” and station promo. [Knight-CO]
- 1170 **MEXICO** XERT *La Ke Buena*, Reynosa, Tamps. FEB 20 0200 – Talk program with poorly modulated audio, then clear legal ID; good over KFAQ; Tamps. #7. [Jeziorski-QRO]
- 1200 **MEXICO** XEQJAL Jalpan, Qro. FEB 20 0101 – I pursued this for many evenings through WOAI, finally getting a clear “XEJAL 1200” ID (not XECPAC) and mentions of “Estado de Querétaro”; poor fighting with strong WOAI; Qro. #2. They play a choral anthem at 0155 before presumed signoff. [Jeziorski-QRO]
- 1230 **MEXICO** XEIZ Monterrey, NL FEB 15 0220 – Full legal ID; briefly very good over mess; 550 km/342 mi; NL #15. [Jeziorski-QRO]
- 1300 **MEXICO** XEP Cd. Juárez, Chih. FEB 13 1303 – Out of national anthem with this ID: “Escuchas XEP 1300 AM Radio Mexicana Nuestras Noticias; 40000 wats de potencia transmitiendo desde Avenida Vicente Guerrero 2329 Colonia Partido Romero, Ciudad Juárez, Chihuahua. Radio Mexicana Nuestras Noticias – una estación de Radiorama.” This was followed not by noticias, but by música. Generally fair signal. [Wilkins-CO]
- 1310 **MEXICO** XEQRMD, *W Radio*, Querétaro, Qro. FEB 23 2300 – My local, silent for several hours during the afternoon, although their feeble carrier was on. [Jeziorski-QRO]
- 1310 **MEXICO** XETIA *R.Vital*, Guadalajara, Jal. FEB 24 0022 – Talk program and *R.Vital* slogan, station phone numbers given frequently that matched those on website; fair through XEQRMD carrier; Jal. #7. [Jeziorski-QRO]
- 1350 **MEXICO** XELBL San Luis Rio Colorado, Son. JAN 30 1348 – Out of music with FM/AM ID; the FM frequency announced was 93.9, rather than 91.1 MHz; back to ballads and música romántica after the ID. Fair signal. [Wilkins-CO]
- 1400 **MEXICO** XESH *R.Sabinas*, Sabinas Hidalgo, NL FEB 14 0522 – Call ID and *R.Sabinas* slogan; poor in GY mix; 641 km/398 mi; NL #14. [Jeziorski-QRO]
- 1470 **MEXICO** XERCN Tijuana, BC FEB 25 0458 – Poor-fair; ID by man: “RCN la(?) 1470 AM, transmitiendo desde (gave street address)... Tijuana, Baja California. RCN 1470.” Into ad. (Last heard at this QTH as XEBBC.) [Knight-CO]
- 1540 **MEXICO** XESTN *Universal*, Monterrey, NL JAN 31 0012 – ‘70s and ‘80s pop/rock, consistent “Universal 88.1” slogans, no call ID; good battling with KEDA; NL #13. [Jeziorski-QRO]
- 1630 **EL SALVADOR** *R.Elohim*, San Salvador FEB 15 0302 – High energy religious service with male speaker and clapping and shouting from audience. Easily matched with web stream. Caught “Radio Elohim” ID’s and mentions of San Salvador. Sign off at 0600 as listed in the WRTH. Frequently peaking to a very good signal level. [Beu-TX]
- 1670 **MEXICO** XEANA *H. Anáhuac*, Huixquilucan, Edo.Méx. FEB 4 0104 – Promo for Universidad de Anáhuac, call ID, Lizzo song; poor-good but alone; Edo.Méx. #5. [Jeziorski-QRO]

*Mike Jeziorski speaks:* My home state of Querétaro, a little smaller than Connecticut, had 11 AM stations when I first moved here in 1999, and the only one I never logged then was 1200 XEQJAL, which is in the Sierra Gorda mountains at the other end of the state. Now the state has two remaining AM’s, XEQJAL and my local 1310 XEQRMD, and in the past two weeks I have heard how the two are going in opposite directions. I had never heard a hint of XEQJAL here, but now every evening starting at twilight they are the David to the Goliath of WOAI and are getting good licks in when WOAI fades down. I can pick out election announcements and other local programming, which is important in that rural part of the state. XEQRMD, on the other hand, has gone from a reasonable signal with poor-quality audio to a terrible signal for a station only 12 miles from me. I doubt they are running more than a few watts, and although I logged XETIA Guadalajara when XEQRMD was silent one afternoon, I later realized that XETIA cuts right through them at night. XEQRMD has always rebroadcast *W Radio* from Mexico City with no local programming, but today I actually heard a “XEQRMD 1310” ID at the top of the hour, so fast and muffled that I had to listen to several TOH’s to be sure.

*Chris Knight speaks:* I only DX’ed once this reporting period as I decided to undertake the arduous (and time-consuming) task of transcribing logs from spiral notebooks to text files. I’ve been wanting to do this for a while. Once complete the plan is to put them up on a web site. It seems the cold snap is over for now. It got as low as -20 degrees F one night. Prior to that, I brought the Wellbrook loop inside with the thought of protecting the amplifier circuit and haven’t set it back up yet. The mini SuperLoop remained up the entire time. It is mounted on two sawhorses which can be re-positioned. It has been focused primarily toward the south and southwest lately which has netted 33 XE stations this year out of a total of 399 stations received.



*Transatlantic carrier search:* FEB 19 0250-0255 – 531(2), 684(2), 693, 747, 774, 819\*, 846\*, 855, 882(2), 891, 909, 999(2), 1089, 1125, 1152, 1215 kHz. Not in the order tuned. Notably missing, 621 usual presumed Canary Islands. \*819 unusual to hear anything; in Europe only 100 watts in Holland and 1 kW in Trieste, but there's 300 kW in Egypt, 10/30/60 kW in Mauritius/Sudan/Iran, all per WRTH 2021 page 528. \*846 notably present now, despite as I frequently outpoint, in Europe only low-powers, and it's too early for Kiritimati. 846 possibly 20 kW from Saudi or UAE or 50 kW from Iran. Not a single African listed. [Hauser-OK]

### CONTRIBUTORS

Stephanie Battaglino, Palm Desert CA; Perseus with Jaguar Pro, Wellbrook ALA 1530 LNP and W6LVP loop mounted on a Hy-Gain AR-500 rotor at 25 ft, RPA-2 Preamp, ANC-4 Phaser.

Mike Beu KD5DSQ, Austin TX; Drake R8B, terminated Delta antenna (17-ft apex and 28-ft base) northeast, Mini-Flag Antenna (7 by 15-ft) southeast.

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, variable termination SuperLoop antennas 15 x 23-m at 60° northeast and 180° south, W6LVP terminated Delta.

Harold Frodge, Midland MI; Drake R8B, 185-ft random wire.

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.

Mike Jeziorski, Juriquilla, Querétaro, México; Sony ICF-2010, no external antenna.

Chris Knight N0IJK, Pueblo West CO; Elad FDM-S2, mini-SuperLoop 6-ft high x 11-ft long facing southwest.

Jon Pearkins, Edmonton AB; CCRadio 2E barefoot.

John Wilkins, Wheat Ridge CO; Drake R8, 4-foot box loop.

### INTERNATIONAL NEWS

**CZECHIA:** *Radio Dechovka* had an audio loop on 1233 kHz saying that all transmitters on this frequency would be switched off February 28. It also advised listeners what are other listening options (DAB, digital R/TV, cable networks, FM). [Karel Honzik, *RealDX*]

73 and Good DX!

# DX Toolbox

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

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 131.

### Bits and Bites from the NRC listserve

From: Paul B. Walker, Jr.

Re: Zoom Presentation on Bush DXing in Alaska

I've been asked by a ham radio club to do a presentation on DXing in rural central Alaska. I spent about 16 months in Galena, back in 2016 and 2017 while working as the program director for a public/community radio station.

It was a very unique situation with some special considerations one might not have to deal with elsewhere. I spent a lot of time and money experimenting there and had some pretty amazing results.

I will also briefly discuss what it was like as a radio broadcaster in Alaska and the technical challenges we faced in the course of doing business every day.

Here's a recorded video of the presentation that was given: <https://youtu.be/8aUam8ja9EM>

From: Jim Renfrew

Re: Sticky Eton E-1

I finally took a deep breath, and went in.

With isopropyl alcohol, Q-tips and rags, I slowly removed the sticky build-up that seems to accompany products with that "rubberized" coating. I think someone recommended 90% isopropyl, but I only had a 70% variety at hand. It's easy to loosen the sticky coating, but takes multiple tries to actually remove it from the plastic surface. I used about a half a bottle of the isopropyl alcohol, and a fist-full of Q-tips. Most of the stick is gone, but it's not easy to get under the knobs. These do not have set screws to loosen them. I



guess I could just try pulling them off, but I don't want to break anything. I don't think I'll ever be able to get into the plastic grill over the speaker, unless I find some pin-point Q-tips. Hopefully this takes care of the problem; I don't think the stickiness will return. I think I have a Grundig ultralight somewhere that will need similar treatment. I hope the manufacturers have learned that this rubberized coating is disastrous!

From: Mark Connelly

Re: DX Video (PEI)

Worth a look: Brent Taylor (VY2HF) video about MW DX in PEI: <https://youtu.be/Ex0YeOczPNw>

73 for this time, Shawn.

**Remember On A Clear Day You Can Hear Forever**

# Ultralight DX News

Thanks to Phil Bytheway for forwarding and editing these two recent articles:

## **An Introduction to Ultralight MW Radio DXing**

Paul Blundell (updated Feb. 2021)

### *What is Ultralight MW Radio DXing?*

Ultralight medium wave (MW) DXing is a sub-group of the almost century-old hobby of Medium Wave DXing. Practitioners of that hobby use a wide variety of receivers and antennas to attempt to hear as many stations as possible from as far away as possible. Although MW radio is, like FM radio and TV, thought of as a local or regional medium, MW DXers hear stations from a thousand or more miles away on a routine basis. Coastal DXers often hear transoceanic MW signals. Ultralight MW Radio DXers have all of the same goals as more "normal" MW DXers but intentionally limit the capabilities of their equipment to increase the challenge and to highlight DXing techniques and knowledge. The startling DX capabilities of some small "pocket" AM radios was discovered by accident by Gary DeBock of Puyallup WA in late 2007.

After Gary shared his enthusiasm for these little radios with several friends, an active specialist hobby group rapidly developed. Formal definitions for Ultralight radios were established, reception distance records were kept and a DX Awards program was established. Two of the more important developments the establishment of a ULR Article Library by Canadian DXer Colin Newell at his [dxer.ca](http://dxer.ca) website and the establishment of ultralightdx, a Yahoo Email group moderated by John Bryant, to foster communications about this surprisingly enjoyable new aspect of the radio hobbies. Links to these sites are found at the end of this article. In early 2019, the Yahoo group was migrated to [Groups.io](https://groups.io)

### *What is an Ultralight Receiver?*

The ULR Definition Committee has come up with the following guidelines:

It is a simple shirt pocket-sized radio of not more than approximately 20 cubic inches.

It is an entertainment-grade radio, as opposed to enthusiast's radio. As such, it will usually not have selectable filters, AM synchronous detection or SSB clarification.

1. It is readily available to the hobby in new or used markets at the time of its approval.
2. It costs no more than \$100 retail at the time of approval.
3. It is primarily a radio. While it may have other features as well (MP3 recorder, etc), the design and function should have radio reception as its focus.
4. It is not a "novelty radio" such as Coca Cola Can radio, Mr Potato Head, etc.

Receivers are reviewed and approved on an individual basis, and new models are coming out of Asia every year. A full list of those models currently recognized as Ultralights can be found in the Ultralight Gallery and Compendium which is found in the extensive Ultralight DXing Library at both [dxer.ca](http://dxer.ca) and [groups.io](https://groups.io) Ultralightdx.



<https://ultralightradiodxing.blogspot.com>





### *Why DX with an Ultralight Radio?*

What makes ULR DXing both unique and rewarding is the fact that the DXer is only using a small, modest receiver. In general, the receiver will have lesser sensitivity and selectivity than larger portables, and modern communications receivers with advanced features and external antennae are in a completely different class. The Ultralight receiver therefore presents an artificial handicap, which emphasizes knowledge, skill, luck and persistence. With this added set of challenges, the rewards of hearing a distant station are even greater, and many long-time DXers have discovered a renewed interest in the DX hobby through Ultralight DXing. An added benefit is that the cost of a typical ULR receiver can be literally orders of magnitude less than a top-of-the-line communications receiver.

### *Which ULR Model Should I Use?*

There are several good ULR models available today. Rest assured, these are NOT the transistor radios of years gone by. There are many examples to choose from which offer excellent sensitivity, selectivity, nulling ability and other important attributes. They are generally manufactured overseas, and are available through on-line mega-retailers (eBay, Amazon, etc.) and electronics outlets, as well as at brick and-mortar stores.

To help determine the one that is right for you, Gary DeBock holds regular "Shoot-Outs" in which he compares and contrasts the top models, evaluating new models as they hit the market and making clear which are "Turkeys" that should be avoided. All of the Shoot-out Results are available for download, and will provide you with detailed information on the performance of difference receivers. You can also download the Ultralight Gallery and Compendium, which is a pictorial gallery and compilation of the features and comparative performance of all the popular ULR receivers.

In addition, there are reviews focused on a particular receiver, such as the Sony SRF-59 Sourcebook and others. No single ULR receiver is the best in every category, but there is ample information available to evaluate which one (or two...) would work best in your situation. Making These Receivers Even Better In addition to using the receiver "barefoot" (ie, just as it came from the manufacturer), many DXers have done strange and wonderful things to stock units, and these experiments are also documented in the Ultralight DXing Library at both [dxer.ca](http://dxer.ca) and the [Groups.io](http://Groups.io) "ultralightdx" group.

Once certain types of modifications are done to an ULR, it enters the "Unlimited Class", and the resulting performance enhancements can be truly amazing. For instance, "The Slider," a popular modification to the Eton e100 (right), adds a large "slider" ferrite loop stick antenna and, optionally, a narrow IF filter, making it the hottest portable receiver around, far better than even the vaunted Sony ICD-2010. To improve the selectivity of models such as the Sangean DT-400W, inexpensive filters are available that keeps the same footprint of the receiver but significantly increase its ability to separate closely-spaced signals. Guides to these and other modifications are available for download.

Other Gear and Techniques for The ULR DXer in addition to the basic ULR receiver, there are several other types of equipment that may prove valuable. Articles in the ULR Library include:

- Using Passive Loop Antennas to improve the sensitivity and selectivity of an ULR receiver, or any other portable receiver for that matter. Examples of passive loops you can easily build at home may be found in Building a Passive Loop stick for your Ultralight Radio and The Crate Loop.
- Ultralight – Adding an Antenna Port illustrates direct attachment methods which allow a ULR to be used with a variety of external antennas, much like a communications receiver.
- As with all DXing, a recorder is a good accessory to have to verify that you heard a given station, and Recording Audio from Ultralights is now available.

### *What Other Opportunities Are There for ULR DXers?*

To share information and encourage each other, we strongly recommend becoming an active member of our group: <https://groups.io/g/UltralightDX>

Like many groups, Ultralightdx has daily posts from many DXers with equipment news, reception tips and general discussion of ULR-related topics. The discussion forum at [dxer.ca](http://dxer.ca) also has several venues in which ULR and other DXers share information. As DXers hear more and more stations, their logs continue to grow, and the Ultralight Awards Program recognizes the many different milestones a DXer might reach. These awards, all given for "Stations Heard" in many categories are available to any Ultralighter world-wide, via the Internet and free of charge.

The Ultralight Records files memorialize the firsts and farthest received stations that are achieved in various categories and are kept separately for North American and World-Wide records. Information about each of these programs is available in the ULR Library files at both locations.





There are also periodic DXing Contests which are organized by a standing committee of Ultralighters. Information about these Contests is widely available in many MW DX club bulletins and through [dxe.ca](http://dxe.ca) and Ultralightdx a more personal level, there are periodic get-togethers of DXers in various locations, as well as groups of individuals in particular parts of the country or world who combine their loggings into a regional master log.

There are also frequent DXpeditions in which DXers head out to the ocean beaches or open countryside to hear targets that would otherwise be impossible in urban areas; ULR receivers are ideally suited to this activity, since the gear fits into the glove compartment!

### *Where Can I Go for Further Information?*

For those who have not been involved in MW DXing in recent years, the websites of Medium Wave Circle of the UK (<http://www.mwcircle.org>) and the Ontario DX Association of Canada (<http://www.odxa.on.ca>) both have excellent introductory reviews of the increasingly sophisticated MW DXing hobby.

To help identify what you're hearing and determine what to shoot for next, lists of North American AM radio stations may be found at <http://topazdesigns.com/ambc/>, <http://www.radio-locator.com/>, and <http://www.am-dx.com/fcclist.htm>

More detailed information on individual stations throughout the Western hemisphere, including antenna patterns and other information, is available through the FCC AM Database at <http://www.fcc.gov/mb/audio/amq.html>

AM stations in East Asia and the Pacific are available in the highly regarded Pacific Asia Log (PAL) available at <http://www.radioheritage.net>

### **Planning a Portable Ultralight radio DXing Session** **Paul Blundell (2021)**

For some people this could be as easy as grabbing a radio as you head out the door; I have found that some more planning is required to get the most from my portable Ultralight radio DXing sessions. This is especially important now with COVID-19 restrictions in some areas and changes due to this. I am now focusing on more remote/less used areas. For those in areas with current COVID-19 restrictions, it is vital that all rules and guidelines are followed. Local health advice must be the overriding decider on what you are able to do, when and where.

When I am planning a portable Ultralight radio DXing session, my first step is to arrange a suitable day and time. I am happily married and as we have a couple of young children, ensuring the domestic front is happy goes a long way to ensuring I can have a good time. I like to try and arrange my outings around times when my wife won't be home or is busy; this makes it easier to be away from home. Only you know your own domestic situation and can assess the best way to do this. All too often I hear of domestic situations where one person's hobbies or interests have a negative effect on the household as a whole. Normally I aim to have at least one portable Ultralight radio DXing session a week if I can, normally a Saturday night or one night during the week, however this can change based on the above. Of late I have been taking my children for more walks and quite often I take an Ultralight radio or two with me in case I find a suitable location, as they are now slightly older they will often be happy on the play equipment while I am doing some Ultralight DXing.

Once a suitable day and time has been found the next step is to check the weather forecast for that day. In the past when I was involved in the amateur radio/radio scanning hobby, I used to undertake quite a bit of out and about scanning which involved sitting on hill tops, lookouts, mountains and so on, from doing this I learnt two VERY important lessons:

- Sitting in the sun for hours at a time is not fun and this reduces your enjoyment of the hobby.
- Sitting in the cold for hours at a time is not fun and this reduces your enjoyment hobby.

Based on this I like to make sure the weather will be suitable. While the cold can be overcome with extra clothes, being too hot is much harder to control and in extreme cases this can be quite bad for your health (dehydration, sun stroke and so on). Storms and other weather extremes are also not fun to be out in so I like to try and avoid these if possible. During our Australian summer, bush fires are a very real risk and given most locations are prime fire spots, the fire danger rating (FDR) and a safe access/escape are very important to consider. The local sunrise/sunset are also checked and this helps with planning a suitable time to leave home to be at the chosen location to maximise any advantage from these different times of the day.

Next you need to decide on a location, I like to have a mix of new locations and some proven ones. Some are quite close and others are quite a distance to drive. The things I consider when deciding on a location include:



- Distance to drive (The cost of fuel is a factor in this, as is the amount of time I have for my DXing session)
- Access (some areas are locked after hours)
- RF profile (Some locations are better due to distance from high power transmitters)
- Comforts (Shops, toilets, etc.)
- Personal Security/Safety

My planning really starts the night before or early in the morning when I prepare everything I am going to take, charge batteries and pack up my gear. My normal kit consists of this:

- Receivers (1, 2, 3 or more in my carry case)
- Batteries (Fully recharged and also some spare alkaline AA's and AAA's)
- Head phones (I prefer the ear bud type and these are easier to carry)
- Log book/sheets and pen + spares
- Torch (Now using my phone/torch in my radio)
- List of all frequencies
- Multi-tool
- Food and drinks
- Band-Aids and a small first aid kit.
- Mobile phone
- Identification such as a driver's licence (which you should be carrying anyway if you are driving)

In the past I have used digital camera bags and hard ABS type cases, these types of cases/bags each have advantages and disadvantages. ABS cases stand out and make it look like you are carrying expensive equipment, which might not be a great idea in some remote locations. Soft cases on the other hand don't provide enough protection in some circumstances. Based on my experiences to date, I have settled on a hard case which I can either carry with me or leave this in the car and grab a radio or two to carry with me.

Before leaving home, I check my kit and confirm I have everything I need. When I arrive onsite I do a quick recon of the area to make sure it is safe, no dodgy people around and I feel comfortable. Then I do a quick scan of the bands and check for the normal stations, now I can sit back, relax and get serious about logging. I also try to eat something and drink to keep my fluids up. I like to also get some photos each time I go out for the report on my blog. If I am going portable I like to try a few different spots and also interact with anybody I see, even if this is just a passing hello on a track.

On returning home I make sure I spend some time with my wife and children before checking my loggings and entering these into my frequency database.

In 2021, it would be great to see more people undertaking portable sessions and posting about these. Some photos would also be great.

# GRAVEYARD DX ACHIEVEMENTS

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

TimHall1@gmail.com



1230 kHz

Logged from January 1, 1960 to Present

Updated as of January 16, 2021



Station	State	City	DXer	DX Location	Miles
WAUD	AL	Auburn	Ernie Wesolowski	Omaha, NE	836
WAUD	AL	Auburn	Jeff Falconer	Clinton, ON	788
WJBB	AL	Haleyville	Steve Francis (SK)	Alcoa, TN	232
WBHP	AL	Huntsville	J.W. Bay, Jr. (SK)	Drexel Hill, PA	718
WHOD	AL	Jackson	Neil Wolfish	Toronto, ON	957
WHOD	AL	Jackson	Steve Francis (SK)	Alcoa, TN	366
WNUZ	AL	Talladega	Steve Francis (SK)	Alcoa, TN	193
WTBC	AL	Tuscaloosa	Dave Whatmough	Hamilton, ON	805
WTBC	AL	Tuscaloosa	Gary Siegel	Toledo, OH	624
KIFW	AK	Sitka	Richard E. Wood (SK)	Hilo, HI	2781
KSUN	AZ	Bisbee	Ernie Wesolowski	Omaha, NE	1022
KAAA	AZ	Kingman	John Johnson	Sheridan, WY	761
KOY	AZ	Phoenix	Tim Hall	Yellowstone Lake Village, WY	769
KATO	AZ	Safford	Ernie Wesolowski	Omaha, NE	950
KINO	AZ	Winslow	Phil Bytheway	Seattle, WA	1055

KFPW	AR	Fort Smith	Steve Francis (SK)	Alcoa, TN	583
KBTM	AR	Jonesboro	Gary Siegel	Toledo, OH	556
KGEO	CA	Bakersfield	Richard E. Wood (SK)	Hilo, HI	2445
KEGO	CA	Bakersfield	Tim Hall	Battle Mountain, NV	384
KSZL	CA	Barstow	Tim Hall	The Sea Ranch, CA	444
KIBS	CA	Bishop	Nancy Johnson	Aberdeen, WA	722
KXO	CA	El Centro	Richard E. Wood (SK)	Hilo, HI	2596
KXO	CA	El Centro	Steve Kamp	San Jose, CA	478
KDAC	CA	Fort Bragg	Carl Dabelstein	Lihue, HI	2414
KDAC	CA	Fort Bragg	Pete Taylor	Tacoma, WA	549
KYPA	CA	Los Angeles	Neil Kazaross	Poipu Beach, HI	2640
KYPA	CA	Los Angeles	Tim Hall	Crater Lake Rim Village, OR	651
KPRL	CA	Paso Robles	Frank Merrill	Nenana, AK	2321
KPRL	CA	Paso Robles	Tim Hall	Fillmore, UT	513
KRDG	CA	Redding	Richard E. Wood (SK)	Hilo, HI	2409
KRDG	CA	Redding	Phil Bytheway	Seattle, WA	487
KWG	CA	Stockton	Richard E. Wood (SK)	Hilo, HI	2388
KWG	CA	Stockton	Tim Hall	West Glacier, MT	813
KEXO	CO	Grand Junction	Shawn Axelrod	Winnipeg, MB	921
KEXO	CO	Grand Junction	Tim Hall	Rancho Bernardo, CA	633
KBRR	CO	Leadville	Mike Hardester	San Marcos, CA	738
KDZA	CO	Pueblo	Shawn Axelrod	Winnipeg, MB	871
KDZA	CO	Pueblo	Neil Wolfish	Winnipeg, MB	871
KKPZ	CO	Pueblo	Tim Hall	Rancho Bernardo, CA	786
KBCR	CO	Steamboat Springs	Shawn Axelrod	Winnipeg, MB	846
KBWZ	CO	Steamboat Springs	Tim Hall	US 6/50 at NV/UT Border, UT	394
KSTC	CO	Sterling	Tim Hall	US 6/50 at NV/UT Border, UT	586
WINF	CT	Manchester	Jeff Falconer	Clinton, ON	473
WINF	CT	Manchester	George Santulli	Cranford, NJ	120
WGGG	FL	Gainesville	Barry McLarnon	Ottawa, ON	1143
WGGG	FL	Gainesville	Steve Francis (SK)	Alcoa, TN	432
WONN	FL	Lakeland	Don Trelford (SK)	Runaway Bay, Jamaica	728
WONN	FL	Lakeland	Shawn Axelrod	Orlando, FL	35
WMAF	FL	Madison	Steve Francis (SK)	Alcoa, TN	356
WSBB	FL	New Smyrna Beach	Barry McLarnon	Ottawa, ON	1164
WSBB	FL	New Smyrna Beach	Russ Edmunds	Blue Bell, PA	833
WNVY	FL	Pensacola	Ron Schiller (SK)	Lighthouse Point, FL	519
WZNO	FL	Pensacola	Don Trelford (SK)	Runaway Bay, Jamaica	1039
WCNH	FL	Quincy	Barry McLarnon	Ottawa, ON	1128
WWSD	FL	Quincy	Steve Francis (SK)	Alcoa, TN	362
WJNO	FL	West Palm Beach	Marc DeLorenzo	Hyannis, MA	1172
WCKJ	GA	Augusta	Dave Braun	Falls Church, VA	462
WCLJ	GA	Dalton	Dave Whatmough	Hamilton, ON	648
WCLJ	GA	Dalton	Gary Siegel	Toledo, OH	484
WXLI	GA	Dublin	Jeff Falconer	Clinton, ON	771
WXLI	GA	Dublin	George Santulli	Cranford, NJ	735
WNGM	GA	Hiawassee	Kraig Krist	Manassas, VA	436
WFOM	GA	Marietta	J.W. Bay, Jr. (SK)	Drexel Hill, PA	657
WSOK	GA	Savannah	John J. Rieger	South Milwaukee, WI	837
WSOK	GA	Savannah	Jeff Falconer	Clinton, ON	802
WAYX	GA	Waycross	Harry Hayes	Thornhurst, PA	784
KBAR	ID	Burley	Tim Hall	Chula Vista CA	705
KORT	ID	Grangeville	Shawn Axelrod	Swan River, MB	796
KORT	ID	Grangeville	Tim Hall	US 6/50 at NV/UT Border, UT	486
KRXK	ID	Rexburg	Shawn Axelrod	Swan River, MB	749
KRXK	ID	Rexburg	Wayne Heinen	Aurora, CO	463
WJBC	IL	Bloomington	Shawn Axelrod	Winnipeg, MB	750
WJBC	IL	Bloomington	Kraig Krist	Manassas, VA	629
WMRZ	IL	Moline	Shawn Axelrod	Winnipeg, MB	650
WQUA	IL	Moline	Wayne Heinen	Orchard Park, NY	610
WHCO	IL	Sparta	Tim Hall	Earth City, MO	60
WJOB	IN	Hammond	Niel Wolfish	Winnipeg, MB	773
WJOB	IN	Hammond	Wayne Heinen	Orchard Park, NY	454



WSAL	IN	Logansport	Niel Wolfish	Winnipeg, MB	855
WSAL	IN	Logansport	Kraig Krist	Manassas, VA	489
WTCJ	IN	Tell City	Barry McLarnon	Ottawa, ON	764
WTCJ	IN	Tell City	Neil Kazaross	Barrington, IL	304
WBOW	IN	Terre Haute	Shawn Axelrod	Winnipeg, MB	879
WBOW	IN	Terre Haute	Carl Dabelstein	Omaha, NE	497
KFJB	IA	Marshalltown	Ron Schiller (SK)	Monmouth Beach, NJ	994
KFJB	IA	Marshalltown	Barry McLarnon	Ottawa, ON	887
WHIR	KY	Danville	Barry McLarnon	Ottawa, ON	705
WHIR	KY	Danville	Kraig Krist	Manassas, VA	402
WCDS	KY	Glasgow	Neil Kazaross	Barrington, IL	376
WHOP	KY	Hopkinsville	Jeff Falconer	Clinton, ON	562
WHOP	KY	Hopkinsville	Carl Dabelstein	Omaha, NE	543
WANO	KY	Pineville	Russ Edmunds	Blue Bell, PA	514
KLIC	LA	Monroe	Frank Merrill	Milan, MI	803
WBOK	LA	New Orleans	John J. Rieger	South Milwaukee, WI	902
KSLO	LA	Opelousas	Carl Dabelstein	Lincoln, NE	755
WBME	ME	Belfast	Don Voorhies (SK)	Oswego, NY	380
WBME	ME	Belfast	Ron Schiller (SK)	Monmouth Beach, NJ	380
WQDY	ME	Calais	Andy Rugg (SK)	Nuns' Island, QC	308
WQDY	ME	Madawaska	Andy Rugg (SK)	Montreal, QC	283
WGUY	ME	Veazie	Bruce Conti	Nashua, NH	204
WITH	MD	Baltimore	Steve Francis (SK)	Alcoa, TN	464
WRBS	MD	Baltimore	Barry McLarnon	Ottawa, ON	420
WCMD	MD	Cumberland	Bruce Conti	Nashua, NH	432
WKBO	MD	Cumberland	Barry McLarnon	Ottawa, ON	423
WMNB	MA	North Adams	Jim Renfrew	Rochester, NY	227
WNAW	MA	North Adams	Barry McLarnon	Ottawa, ON	227
WESX	MA	Salem	John Campbell (SK)	Bridestow, England	3195
WESX	MA	Salem	NF DXpedition #5	Cappahayden, NF	928
WESX	MA	Salem	Russ Edmunds	Blue Bell, PA	282
WNEB	MA	Worcester	Morris Sorensen (SK)	Emsdale, ON	436
WNEB	MA	Worcester	Wayne Heinen	Orchard Park, NY	355
WCUZ	MI	Grand Rapids	Niel Wolfish	Winnipeg, MB	716
WCUZ	MI	Grand Rapids	Shawn Axelrod	Winnipeg, MB	716
WCUZ	MI	Grand Rapids	Carl Dabelstein	Minneapolis, MN	402
WGRY	MI	Grayling	Lex Smith	Woodbury, CT	620
WGRY	MI	Grayling	Barry McLarnon	Ottawa, ON	440
WIKB	MI	Iron River	Barry McLarnon	Ottawa, ON	621
WMPC	MI	Lapeer	Barry McLarnon	Ottawa, ON	424
WMPC	MI	Lapeer	Neil Kazaross	Barrington, IL	253
WSOO	MI	Sault Ste. Marie	Morris Sorensen (SK)	Leaf Rapids, MB	955
WSOO	MI	Sault Ste. Marie	Neil Kazaross	Barrington, IL	348
WMSH	MI	Sturgis	Barry McLarnon	Ottawa, ON	543
WSTR	MI	Sturgis	Joe Fela (SK)	Newark, NJ	588
WKLK	MN	Cloquet	Barry McLarnon	Ottawa, ON	802
WKLK	MN	Cloquet	Carl Dabelstein	Lincoln, NE	462
KGHS	MN	International Falls	Ernie Wesolowski	Omaha, NE	526
KYSM	MN	Mankato	Morris Sorensen (SK)	Leaf Rapids, MB	740
KYSM	MN	Mankato	John Wilkins	Wheat Ridge, CO	643
KMRS	MN	Morris	Jeff Falconer	Clinton, ON	720
KMRS	MN	Morris	John Wilkins	Wheat Ridge, CO	616
KTRF	MN	Thief River Falls	Barry McLarnon	Ottawa, ON	981
KTRF	MN	Thief River Falls	John Wilkins	Wheat Ridge, CO	727
KWNO	MN	Winona	Carl Dabelstein	Lincoln, NE	341
WCMA	MS	Corinth	Barry McLarnon	Ottawa, ON	983
WCMA	MS	Corinth	Steve Francis (SK)	Alcoa, TN	262
WHSY	MS	Hattiesburg	Charles Reh	Leamington, ON	826
WHSY	MS	Hattiesburg	John Wilkins	Ames, IA	777
WSSO	MS	Starkville	Charles Reh	Leamington, ON	683
WSSO	MS	Starkville	Steve Francis (SK)	Alcoa, TN	319
KODE	MO	Joplin	Shawn Axelrod	Winnipeg, MB	880
KLWT	MO	Lebanon	John Wilkins	Wheat Ridge, CO	685

KWIX	MO	Moberly	Shawn Axelrod	Winnipeg, MB	747
KWIX	MO	Moberly	George Santulli	Cranford, NJ	960
KOBB	MT	Bozeman	Shawn Axelrod	Winnipeg, MB	703
KOBB	MT	Bozeman	John Wilkins	Wheat Ridge, CO	508
KHDN	MT	Hardin	Frank Merrill	Milan, MI	1213
KXLO	MT	Lewistown	Tim Hall	US 6/50 at NV/UT Border, UT	601
KLCB	MT	Libby	Tim Hall	US 6/50 at NV/UT Border, UT	647
KLCB	MT	Libby	Tim Hall	Jasper, AB	328
KTNC	NE	Falls City	Neil Kazaross	Barrington, IL	418
KHAS	NE	Hastings	Tim Hall	US 6/50 at NV/UT Border, UT	835
KELY	NV	Ely	John Wilkins	Wheat Ridge, CO	522
KFUN	NV	Las Vegas	Shawn Axelrod	Valhalla Beach, MB	1370
KLAV	NV	Las Vegas	Tim Hall	West Glacier, MT	850
KJFK	NV	Reno	Tim Hall	Jasper, AB	928
KJFK	NV	Reno	Tim Hall	Yellowstone Lake Village, WY	587
WMOU	NH	Berlin	Joe Kureth (SK)	Uniontown, MD	453
WMOU	NH	Berlin	Barry McLarnon	Ottawa, ON	235
WTSV	NH	Claremont	Kraig Krist	Manassas, VA	420
WTSV	NH	Claremont	Barry McLarnon	Ottawa, ON	220
WCMC	NJ	Wildwood	Niel Wolfish	Murray Harbour, North PEI	793
WCMC	NJ	Wildwood	Tim Hall	Tom Nevers, MA	443
KALG	NM	Alamogordo	Ernie Wesolowski	Omaha, NE	791
KOTS	NM	Deming	Rick Dau	Millard, NE	893
KYVA	NM	Gallup	Tim Hall	Chula Vista, CA	509
KFUN	NM	Las Vegas	MB DXPedition &	Valhalla, MB	1120
KFUN	NM	Las Vegas	Tim Hall	US 6/50 at NV/UT Border, UT	542
KRSY	NM	Roswell	Frank Merrill	Macomb, IL	912
WECK	NY	Cheektowaga	Neil Kazaross	Grafton, WI	460
WECK	NY	Cheektowaga	John J. Rieger	Milwaukee, WI	460
WECK	NY	Cheektowaga	Barry McLarnon	Ottawa, ON	224
WENY	NY	Elmira	Bill Dvorak	Madison, WI	644
WENY	NY	Elmira	Jeff Falconer	Clinton, ON	250
WBZA	NY	Glens Falls	Morris Sorensen (SK)	Milton, ON	316
WMML	NY	Glens Falls	Russ Edmunds	Blue Bell, PA	235
WIGS	NY	Gouverneur	J.W. Bay, Jr. (SK)	Drexel Hill, PA	303
WIGS	NY	Gouverneur	Barry McLarnon	Ottawa, ON	73
WHUC	NY	Hudson	Jeff Falconer	Clinton, ON	405
WHUC	NY	Hudson	Russ Edmunds	Blue Bell, PA	166
WIXT	NY	Little Falls	Russ Edmunds	Little Silver, NJ	192
WLFH	NY	Little Falls	Charles Reh	Leamington, ON	398
WFAS	NY	White Plains	Jeff Falconer	Clinton, ON	434
WFAS	NY	White Plains	Tim Hall	Tom Nevers, MA	200
WSKY	NC	Asheville	Steve Francis (SK)	Alcoa, TN	84
WFAI	NC	Fayetteville	Jeff Falconer	Clinton, ON	612
WFAI	NC	Fayetteville	Gary Siegel	Toledo, OH	522
WMFR	NC	High Point	Barry McLarnon	Ottawa, ON	687
WMFR	NC	High Point	Kraig Krist	Manassas, VA	236
WISP	NC	Kinston	George Santulli	Cranford, NJ	413
WNNC	NC	Newton	Gary Siegel	Toledo, OH	433
WCBT	NC	Roanoke Rapids	Shawn Axelrod	Winnipeg, MB	1337
WCBT	NC	Roanoke Rapids	Russ Edmunds	Blue Bell, PA	287
KDIX	ND	Dickinson	Charles Reh	Leamington, ON	1048
KDIX	ND	Dickinson	Neil Kazaross	Barrington, IL	789
WDBZ	OH	Cincinnati	Barry McLarnon	Ottawa, ON	620
WUBE	OH	Cincinnati	Russ Edmunds	Glen Rock, NJ	564
WCOL	OH	Columbus	Shawn Axelrod	Winnipeg, MB	964
WCOL	OH	Columbus	Carl Dabelstein	Lincoln, NE	720
WIRO	OH	Ironton	Shawn Axelrod	Winnipeg, MB	1050
WIRO	OH	Ironton	Neil Kazaross	Barrington, IL	382
WCWA	OH	Toledo	Barry McLarnon	Ottawa, ON	467
WTOL	OH	Toledo	Ernie Wesolowski	Omaha, NE	651
KADA	OK	Ada	Charles Reh	Leamington, ON	911
KADA	OK	Ada	Wayne Heinen	Aurora, CO	557

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WBBZ	OK	Ponca City	Shawn Axelrod	Winnipeg, MB	897
WBBZ	OK	Ponca City	Neil Kazaross	Barrington, IL	608
KDOV	OR	Ashland	Pete Taylor	San Francisco, CA	308
KKEE	OR	Astoria	Richard E. Wood (SK)	Hilo, HI	2551
KKEE	OR	Astoria	Tim Hall	Chatham Sound, BC	663
KKEE	OR	Astoria	Tim Hall	Crater Lake Rim Village, OR	239
KBNH	OR	Burns	Tim Hall	West Glacier, MT	418
KZZR	OR	Burns	Tim Hall	Jasper, AB	646
KRYN	OR	Gresham	Tim Hall	US 6/50 at NV/UT Border, UT	615
KRYN	OR	Gresham	Tim Hall	Manning Park Resort, BC	258
KQIK	OR	Lakeview	Wayne Heinen	Colorado Springs, CO	850
KYJC	OR	Medford	Steve Kamp	San Jose, CA	356
KSJK	OR	Talent	Tim Hall	US 6/50 at NV/UT Border, UT	505
KCUP	OR	Toledo	Tim Hall	West Glacier, MT	542
WBVP	PA	Beaver Falls	Andy Rugg (SK)	Pointe Claire, QC	461
WBVP	PA	Beaver Falls	Steve Francis (SK)	Alcoa, TN	397
WEEX	PA	Easton	Gary Siegel	Toledo, OH	439
WEEX	PA	Easton	Denis Picard	Trois-Rivieres-Ouest, QC	411
WKBO	PA	Harrisburg	Frank Merrill	Milan, MI	379
WKBO	PA	Harrisburg	Barry McLarnon	Ottawa, ON	356
WCRO	PA	Johnstown	Andy Rugg (SK)	Montreal, QC	447
WCRO	PA	Johnstown	Gary Siegel	Toledo, OH	259
WPZ	PA	Lock Haven	Bruce Conti	Nashua, NH	325
WPZ	PA	Lock Haven	Barry McLarnon	Ottawa, ON	305
WTIV	PA	Titusville	Steve Francis (SK)	Alcoa, TN	465
WTIV	PA	Titusville	Jeff Falconer	Clinton, ON	166
WBLQ	RI	Westerly	Kraig Krist	Manassas, VA	349
WERI	RI	Westerly	Denis Picard	Trois-Rivieres-Ouest, QC	346
WAIM	SC	Anderson	Jeff Falconer	Clinton, ON	633
WAIM	SC	Anderson	Russ Edmunds	Blue Bell, PA	477
WNOK	SC	Columbia	Gary Siegel	Toledo, OH	548
WXAP	SC	Columbia	Charles Reh	Leamington, ON	561
WOLS	SC	Florence	Barry McLarnon	Ottawa, ON	798
WOLS	SC	Florence	George Santulli	Cranford, NJ	534
KWSN	SD	Sioux Falls	Tim Hall	US 6/50 at NV/UT Border, UT	950
WKCE	TN	Harriman	Steve Francis (SK)	Alcoa, TN	33
WMLR	TN	Hohenwald	Rick Dau	Iowa City, IA	474
WAKI	TN	McMinnville	Russ Edmunds	Glen Rock, NJ	682
KSIX	TX	Corpus Christi	Ernie Wesolowski	Omaha, NE	932
KSIX	TX	Corpus Christi	Mike Jeziorski	Juriquilla, QTR	523
KLTO	TX	Del Rio	Tim Hall	4.5 mi NW of Fort Davis, TX	199
KTJK	TX	Del Rio	Don Trelford (SK)	Runaway Bay, Jamaica	1672
KNUZ	TX	Houston	Frank Merrill	Milan, MI	1072
KERV	TX	Kerrville	Carl Dabelstein	Omaha, NE	797
KLVT	TX	Levelland	Tim Hall	US 6/50 at NV/UT Border, UT	749
KEEE	TX	Nacogdoches	Frank Merrill	Milan, MI	945
KOZA	TX	Odessa	Karl Jeter	Stone Mountain, GA	1066
KGRO	TX	Pampa	Tim Hall	US 6/50 at NV/UT Border, UT	757
KSEY	TX	Seymour	Shawn Axelrod	Winnipeg, MB	1117
KSEY	TX	Seymour	John Wilkins	Wheat Ridge, CO	535
KSST	TX	Sulphur Springs	Carl Dabelstein	Lincoln, NE	535
KWTX	TX	Waco	Rick Dau	Iowa City, IA	764
KMGR	UT	Murray	Tim Hall	Chula Vista, CA	625
KMOR	UT	Murray	Shawn Axelrod	Winnipeg, MB	948
KOAL	UT	Price	Phil Bytheway	Seattle, WA	801
WJOY	VT	Burlington	Gary Siegel	Toledo, OH	557
WABN	VA	Abingdon	Barry McLarnon	Ottawa, ON	678
WABN	VA	Abingdon	Neil Kazaross	Barrington, IL	502
WODI	VA	Brookneal	Barry McLarnon	Ottawa, ON	599
WODI	VA	Brookneal	Gary Siegel	Toledo, OH	404
WXCF	VA	Clifton Forge	Gary Siegel	Toledo, OH	332
WFVA	VA	Fredericksburg	Andy Rugg (SK)	Montreal, QC	537
WFVA	VA	Fredericksburg	Gary Siegel	Toledo, OH	400
WNOR	VA	Norfolk	Andy Rugg (SK)	Montreal, QC	615



WNOR	VA	Norfolk	Gary Siegel	Toledo, OH	513
WAMM	VA	Woodstock	Barry McLarnon	Ottawa, ON	472
WAMM	VA	Woodstock	Steve Francis (SK)	Alcoa, TN	367
KOZI	WA	Chelan	Tim Hall	Jasper, AB	359
KOZI	WA	Chelan	Tim Hall	Port Angeles, WA	160
KWYZ	WA	Everett	Shawn Axelrod	Swan River, MB	968
KWYZ	WA	Everett	Tim Hall	Lynn Canal, AK	906
KWYZ	WA	Everett	Tim Hall	Monterey, CA	817
KSBN	WA	Spokane	Tim Hall	US 6/50 at NV/UT Border, UT	617
KSBN	WA	Spokane	Tim Hall	Jasper, AB	359
KDYM	WA	Sunnyside	Tim Hall	US 6/50 at NV/UT Border, UT	587
WLOG	WV	Logan	Gary Siegel	Toledo, OH	276
WKYG	WV	Parkersburg	Barry McLarnon	Ottawa, ON	573
WTAP	WV	Parkersburg	Russ Edmunds	Little Silver, NJ	406
WHBY	WI	Appleton	Joe Fela (SK)	Newark, NJ	765
WCLO	WI	Janesville	Ron Schiller (SK)	Monmouth Beach, NJ	796
WCLO	WI	Janesville	Barry McLarnon	Ottawa, ON	684
WXCO	WI	Wausau	Shawn Axelrod	Winnipeg, MB	480
WXCO	WI	Wausau	Gary Siegel	Toledo, OH	381
KVOC	WY	Casper	Frank Merrill	Nanena, AK	2228
KVOC	WY	Casper	Tim Hall	US 6/50 at NV/UT Border, UT	481
CBPG	AB	Banff National Park	Tim Hall	Banff, AB	4
CIYR	AB	Hinton	Tim Hall	Jasper, AB	42
CJOK	AB	Ft. McMurray	Phil Bytheway	Seattle, WA	781
CJLW	AB	Wainwright	Shawn Axelrod	Winnipeg, MB	630
CKQR	BC	Castlegar	Phil Bytheway	Seattle, WA	251
CKTK	BC	Kitimat	Tim Hall	Ketchikan, AK	131
CJNL	BC	Merritt	Tim Hall	Chatham Sound, BC	515
CJNL	BC	Merritt	Tim Hall	Lake MacDonald, MT	355
CBPD1	BC	Rogers Pass	Tim Hall	5 mi W of Rogers Pass, BC	5
CFBV	BC	Smithers	Pete Taylor	San Francisco, CA	1200
CHFC	MB	Churchill	Shawn Axelrod	Winnipeg, MB	641
CKMP	ON	Midland	Gary Siegel	Toledo, OH	281
CJTT	ON	New Liskeard	MB DXPedition &	Arnes, MB	812
CJTT	ON	New Liskeard	Gary Siegel	Toledo, OH	447
CFPA	ON	Thunder Bay	Gary Siegel	Toledo, OH	542
CJLB	ON	Thunder Bay	Morris Sorensen (SK)	Leaf Rapids, MB	711
CJLP	QC	Disraeli	Don Trelford (SK)	Scarborough, ON	414
CHVD	QC	Dolbeau	Gary Siegel	Toledo, OH	741
CHVD	QC	Dolbeau	Jeff Falconer	Clinton, ON	572
CKLD	QC	Thetford Mines	Charles Reh	Leamington, ON	624
XEIZ	NL	Monterrey	Tim Hall	Comanche, TX	443
XEEX	SI	Culiacan	Richard E. Wood (SK)	Hilo, HI	3055
XEEX	SI	Culiacan	Tim Hall	Sorrento Valley, CA	815
XETVH	TA	Villahermosa	Tim Hall	Naples, FL	909
ZBM1	BER	Hamilton	Ernie Wesolowski	Omaha, NE	1831
ZBM1	BER	Hamilton	Carl Dabelstein	Omaha, NE	1831
CMAD	CUB	Artemisa	Frank Merrill	Milan, MI	1330
CMGM	CUB	Jaguey Grande	Ron Schiller (SK)	Lighthouse Point, FL	267
WNIK	PR	Arecibo	Ron Schiller (SK)	Monmouth Beach, NJ	1574
LT2	ARG	Rosario	Pete Taylor	Poipu, HI	7522
ZYI670	B	Joao Pessoa, PB	NF DXPedition #4 Team	Cappahayden, NF	3897
ZYJ816	B	Sao Jose, SC	NF DXPedition #4Team	Cappahayden, NF	5160
HJLK	CLM	Cali	NF DXPedition #2 Team	Cappahayden, NF	3325
YNVT	VEN	Caucauga	Tim Hall	Crane Beach, Barbados	525
BEV58	CHN	Taichung	Pete Taylor	Hangzhou, P.R. China	426

Carl notes his reception of ZBM1 was on 1235 kHz

MB DXPedition = Shawn Axelrod, Wayne McRae

NF DXPedition #2 = Jean Burnell, Mark Connelly, Bruce Conti and Neil Kazaross

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

NF DXPedition #5 = Jean Burnell, David Clark, Bruce Conti, Ben Dangerfield, John Fisher, Neil Kazaross and Jim Renfrew

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