

# DX News

Serving Medium Wave DXers since 1933

Volume 87, No. 18 • July 21, 2020 • (ISSN 0737-1639)

## Inside this issue . . .

- |                                |                               |
|--------------------------------|-------------------------------|
| 2 ... AM Switch                | 15 ... Musings of the Members |
| 6 ... Domestic DX Digest East  | 16 ... Confirmed DXer         |
| 7 ... Geomagnetic Indices      | 17 ... GY DXA - Update        |
| 8 ... Domestic DX Digest West  | 18 ... GY DXA - 1490 kHz      |
| 14 ... International DX Digest |                               |



**From the Publisher:** We are sad to pass along news of the deaths of several noted DXers and members.

Longtime NRC member Gerry Thomas of Pensacola, FL, died on June 19, age 71. Gerry's "Radio Plus" company ([www.dxtools.com](http://www.dxtools.com)) and his Quantum loops and phasers have been used by many DXers over the years. More importantly, I always found Gerry to be kind and patient with his customers (including me) and he will be greatly missed.

Former NRC member Dallas Lankford died on June 29 at the age of 78. Dr. Lankford lived in Ruston, LA, and was a retired math professor at Louisiana State University. He authored many technical articles in *DX News*.

Former WDEL-1150 newsman and active DXer Allan Loudell died on July 6, age 64. Many (including me) will remember Allan as the keynote speaker at the 1997 New Castle, DE NRC convention.

Our condolences to their families and many friends in the DX community.

The baseball season is currently scheduled to resume later this month; networks are still in flux but Barry Finkel is on it, and if the season does come off we'll print the baseball network lists next issue.

## Volume 87 DXN Schedule

No	D'dline	Print	No	D'dline	Print
19	Aug. 16	Aug. 25	20	Sept. 13	Sept. 22

## Membership Report

**New Members:** Welcome to Allan Anderson, Waterford, NY; William Cohane Jr., Beverly, MA; Max Heidel, Houston, TX; Alexander Hanson, Centennial, CO; and David Sullivan, Jersey City, NJ.

**Returning Members:** Welcome back to Larry Harvey, Kingston, NH.

**Renewing Members:** Thanks for the ongoing support of William Bowers; Samuel T. Brainerd; Joseph Burke; Kenneth L. Diehl; Barry S. Finkel; Steven Hinman; Christopher Melugin; John Rieger; Odd-Jorgen Sagdahl; Terry Sparks; and Frank Welch.

## NRC AM Radio Log

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/>

MEMBER USA Price \$29.95 Priority Mail

NON-MEMBER USA Price \$36.95 Priority Mail

MEMBER/NON-MEMBER Canada Price US\$42.00 Global Priority Mail

MEMBER/NON-MEMBER outside US/Canada Price US\$55.00 Global Priority Mail



# 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)

## *FCC and CRTC Decisions and Applications*

### CALL LETTER CHANGES

- 590 **WDIZ FL Panama City** – Call change to WDDV (June 29, station is silent).  
 640 **WGST GA Atlanta** – Call change to WBIN (July 6).  
 710 **WEGG NC Rose Hill** – Call change to WKOO (July 1).  
 760 **KFMB CA San Diego** – Call change to KGB (July 4).  
 820 **WWLZ NY Horseheads** – Call change to WMTT (July 3).  
     **WNTW VA Chester** – Call change to WJFN (June 17).  
 1120 **WVLZ TN Maryville** – Call change to WJMP (July 1).  
 1320 **WDDV FL Venice** – Call change to WDIZ (June 29).  
 1400 **WVWF TN Clarksville** – Call change to WBQL (July 5).  
 1440 **WJJL NY Niagara Falls** – Call change to WEBR (July 4).  
 1450 **KSKE CO Buena Vista** – Call change to KVBV (June 25, station is silent).  
 1490 **WRCE NY Watkins Glen** – Call change to WNGZ (July 3).  
 1540 **WBIN TN Benton** – Call change to WWRO (July 6, station is silent).



### STATIONS GOING DARK

- 980 **CHRF QC Montréal** – Has gone permanently silent as of June 1, financial issues.

### MODIFICATION OF LICENSE

- 1310 **WKZD AL Priceville** – Applies to modify license, CoL to Somerville AL. Has been licensed to the Somerville Baptist Church since 2015.

### CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs built, nearing final licensing:

- 1270 **WJJC GA Commerce** – Applies for license to cover CP with U1 1000/173, existing site.  
 1380 **KUVR NE Holdrege** – Applies for license to cover CP for D1 320, new site (diplexed with KRVN-880) at 40-30-57/99-23-47 and granted program test authority.

CPs granted:

- 1290 **KZSB CA Santa Barbara** – Granted CP for U1 500/122, correct coordinates to 34-25-08/119-41-10.

Application to modify existing CP filed:

- 730 **KDAZ NM Albuquerque** – Has CP for U1 500/65 on 700 kHz from the existing site; applies to modify CP to U1 450/55, still on 700 kHz from the same site (but from a higher tower).

Applications for CPs filed:

- 570 **WTBN FL Pinellas Park** – Applies for CP with U1 250/730, new site (diplexed with WGUL-860) at 27-59-57/82-42-01.  
 660 **KSKY TX Balch Springs** – Applies for CP with U4 7200/600, replacing four towers with two shorter ones and adjusting coordinates to 33-02-26/96-56-45.  
 1240 **KDEC IA Decorah** – Applies for CP to move to tower of share-time KWLC-1240 at 43-18-35/91-48-30; share-time arrangement would continue “as is.”  
 1260 **WCHV VA Charlottesville** – Applies for CP with D1 800, existing site.  
 1310 **WTTL KY Madisonville** – Applies for CP with U1 1000/40, existing site.  
 1370 **KXTL MT Butte** – Applies for CP with U1 1000/1000, existing site.  
 1520 **KMSR ND Mayville** – Applies for CP with D1 1500, CoL to Northwood ND, existing site.

Applications for CPs dismissed:

- 1050 **WFSC NC Franklin** – Application for U1 250/180, CoL to Clayton GA, dismissed at the applicant’s request.

1190 KDMR MO **Kansas City** – Application for U1 3700/160 from a new site dismissed at the applicant's request.

**SPECIAL TEMPORARY AUTHORITY (STA)**

STAs granted:

620 WZON ME **Bangor** – Granted STA, U1 5000/500, unknown damage to night phasors.  
 1200 WMUZ MI **Taylor** – Granted STA, U3 15000/15000, night pattern 24 hours (can't switch).  
 1350 WWWL LA **New Orleans** – Granted STA, U1 5000/480, feedline to a night tower is damaged.  
 WCHI OH **Chillicothe** – Granted STA, D1 250, 175' LW at licensed site while tower base is being rebuilt.  
 KUSG GU **Agaña** – Granted STA, U1 75/75, grounding issues.  
 1440 WMAX MI **Bay City** – Granted STA, U4 2500/2500 to address multiple tower issues.  
 1500 WQMS MS **Quitman** – Granted STA, D1 100, 164' LW at 32-02-22/88-43-49, silent station needs to broadcast by July 13 to maintain license.  
 1540 KMPC CA **Los Angeles** – Granted STA, U1 9250/9250, tower damage from brushfires.  
 1600 WPOM FL **Riviera Beach** – Granted STA, U4 1250/1180 or parameters at variance during repairs.  
 KOHI OR **Saint Helens** – Granted STA, U1 50/5, 120' LW at 45-51-59/122-49-02; has lost lease to licensed site.

Applications for STAs received:

1290 WXKL NC **Sanford** – Applies for STA, emergency 200' LW, reduced power as necessary (using U1 150/39); tower was destroyed in a logging accident.

Extensions granted to existing STAs:

600 WYEL PR **Mayagüez** – Granted STA extension, U1 1250/1250.  
 660 KGSV CA **Oildale** – Granted STA extension, U1 2000/1500.  
 790 KEJY CA **Eureka** – Granted STA extension, U1 500/110 from KWSW-980 tower.  
 KJRB WA **Spokane** – Granted STA extension, U1 4400/340 or night pattern at variance.  
 830 KNCO CA **Grass Valley** – Granted STA extension, parameters at variance.  
 860 WDMG SC **Douglas** – Granted STA extension, U1 400/400.  
 WOAY WV **Oak Hill** – Granted STA extension, U1 7000/11 (ch 5000).  
 910 WSRP NC **Jacksonville** – Granted STA extension, U1 500/1250 (but using U1 500/500).  
 950 WORD SC **Spartanburg** – Granted STA extension, night parameters at variance.  
 970 WNNR FL **Jacksonville** – Granted STA extension, U1 250/41.  
 1040 WHBO FL **Pinellas Park** – Granted STA extension, U1 3600/105.  
 KLHT HI **Honolulu** – Granted STA extension, periodically with reduced power.  
 1160 WOBN NJ **Lakewood Township** – Granted STA extension, parameters at variance.  
 1220 WERM AL **Fairhope** – Granted STA extension, D1 250 from WABF-1480 tower.  
 KHTS CA **Canyon Country** – Granted STA extension, U1 250/125.  
 1250 KKDZ WA **Seattle** – Granted STA extension, U1 5000/1250 (day power 0300-LSS ELT).  
 1300 WKQK FL **Cocoa Beach** – Granted STA extension, U4 5000/250, day pattern 24 hours.  
 1310 KIQQ CA **Barstow** – Granted STA extension, U1 420/110.  
 WADB NJ **Asbury Park** – Granted STA extension, U1 625/250.  
 1380 WLRM TN **Millington** – Granted STA extension, U1 1000/9.  
 1390 WAJD FL **Gainesville** – Granted STA extension, U1 100/50 (but now back to full power).  
 WPLM MA **Plymouth** – Granted STA extension, U3 2500/2500, night pattern 24 hours.  
 1430 KRGI NE **Grand Island** – Granted STA extension, U1 5000/250.  
 1440 WGVL SC **Greenville** – Granted STA extension, U1 5000/1250.  
 KEYS TX **Corpus Christi** – Granted STA extension, U1 1000/69.  
 1490 WVGB SC **Beaufort** – Granted STA extension, U1 500/500.  
 1500 KHKA HI **Honolulu** – Granted STA extension, periodically with reduced power.  
 1510 WRNJ NJ **Hackettstown** – Granted STA extension, U3 230/230, night pattern 24 hours.  
 KGA WA **Spokane** – Granted STA extension, U1 50000/540 (ch 45000).  
 1520 KMPG CA **Hollister** – Granted STA extension, D1 3400.  
 1540 WXKG MS **Greenwood** – Granted STA extension, U1 250/1, 135' LW at 33-32-02/90-11-42.  
 1550 KKCL CO **Golden** – Granted STA extension, U1 200/87.5, 36.6m LW at 39-45-59/105-14-12.  
 1560 WCNW OH **Fairfield** – Granted STA extension, D3 1000.  
 1570 WHTX OH **Warren** – Granted STA extension, U1 750/170.  
 1590 KVTA CA **Ventura** – Granted STA extension, parameters at variance.  
 WFBR MD **Glen Burnie** – Granted STA extension, parameters at variance.

Applications to extend existing STAs received:

610	WIOD	FL	Miami	– Applies to extend STA, U4 10000/10000, Cuba QRM.
730	KDAZ	NM	Albuquerque	– Applies to extend STA, D1 250.
820	WWFD	MD	Frederick	– Applies to extend STA, to continue all-digital operation.
900	KALI	CA	West Covina	– Applies to extend STA, U1 1250/37.5 if needed, tower work.
970	KUFO	OR	Portland	– Applies to extend STA, parameters at variance.
1060	KGFX	SD	Pierre	– Applies to extend STA, parameters at variance.
1110	WOMN	LA	Franklinton	– Applies to extend STA, D1 170, 224' LW at 30-44-13/90-12-07.
1120	KETU	OK	Catoosa	– Applies to extend STA, D1 1000 (ch 500).
1160	WBQN	PR	Barceloneta	– Applies to extend STA, U1 1250/1250.
1240	KDEC	IA	Decorah	– Applies to extend STA, U1 250/250 from dipole on KVIK-104.7 tower.
	KRAL	WY	Rawlins	– Applies to extend STA, U1 50/50, LW at 41-47-04/107-15-47.
1270	KBZZ	NV	Sparks	– Applies to extend STA, minor night parameters at variance.
	WCGC	NC	Belmont	– Applies to extend STA, U1 2500/125.
1310	WTTL	KY	Madisonville	– Applies to extend STA, reduced day power (using U1 50/40).
1320	WDIZ	FL	Venice	– Applies to extend STA, U4 5000/250, day pattern 24 hours.
1360	KWWJ	TX	Baytown	– Applies to extend STA, minor parameters at variance.
1440	KUPR	TX	Amarillo	– Applies to extend STA, reduced day power (using U2 1000/1000).
1510	KCTX	TX	Childress	– Applies to extend STA, D1 100, 80' LW at 34-26-20/100-13-10.
1550	WRHC	FL	Coral Gables	– Applies to extend STA, U1 1800/125 from CP site (at Doral FL).
1600	KAHZ	CA	Pomona	– Applies to extend STA, U1 1250/1250 if needed, tower work.

#### SILENT STATIONS

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

550	KNUI	HI	Wailuku	– Silent Mar. 30; back on the air June 11.
1080	KWAI	HI	Honolulu	– Silent Nov. 20 (2019), back on the air May 1.
1350	KCOX	TX	Jasper	– Silent July 1 (2019), back on the air June 19.
1400	KEBE	TX	Greenville	– Silent July 1 (2019), back on the air June 18.
1490	KPCQ	ID	Chubbuck	– Silent June 17 (2019); on the air with STA June 14.
1580	KTLU	TX	Rusk	– Silent July 1 (2019), back on the air June 27.
1600	WPOM	FL	Riviera Beach	– Silent June 10; back on the air with STA June 29.

Stations informing the FCC that they are silent:

880	WSLK	VA	Moneta	– Silent June 24, tower to be dismantled.
1060	KXPL	TX	El Paso	– Silent June 30, financial issues during COVID.
1080	KWAI	HI	Honolulu	– Silent May 20, looking for new programming source.
1220	WATX	CT	Hamden	– Silent June 25, ongoing financial issues, hopes to sell station.
1280	KXEG	AZ	Phoenix	– Silent Apr. 15, financial difficulties.
1400	WHTD	GA	Elberton	– Silent June 30, did not renew lease management agreement due to COVID-related financial problems.
1490	KPCQ	ID	Chubbuck	– Silent again June 15, construction equipment knocked down the LW being used under STA.
1590	KLIV	CA	San Jose	– Silent July 15 pending completion of sale.

#### COORDINATE CORRECTION

1080	KWAI	HI	Honolulu	– CP to correct coordinates to 21-19-27/157-52-47 is on the air.
1230	KCUP	OR	Toledo	– CP to correct coordinates to 44-37-52/123-56-40 is on the air.
1490	WIKE	VT	Newport	– CP to correct coordinates to 44-56-20/72-13-20 is on the air.

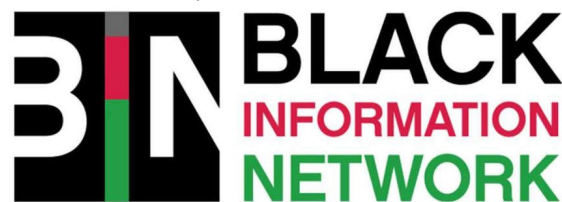
## *NRC AM Log Updates*

Here's the first update for the 41st Edition of the *Log*, reflecting changes after the database was closed down on June 22, 2020. Naturally, iHeart launched a new network, and KFMB-760 is bringing back the old KGB call sign that they had parked on FM! Although the call has been logged by a few and reported on-line, it was not yet in the AMQ download as of July 6.

BIN is the Black Information Network. Launched July 1, BIN is a network of about 40 stations, upon launch, in major markets with a large black population. This network is part of iHeartmedia. Format is UC:NWS/TLK and we're adding BIN as the network code.

580	WDBO	FL	Orlando	– Format to NWS/TLK (ex-SPT); slogan to "NewsTalk," networks to Fox/P/WW1; adds // W297BB-107.3.
-----	------	----	---------	--

640	WBIN	GA	Atlanta	– Format to UC:NWS/TLK (ex-TLK); slogan to "Black Information Network," networks to BIN.
760	KGB	CA	San Diego	– Slogan to "Talk 760," networks to C/WW1/P/RER.
770	WABC	NY	New York	– Slogan to "77 Talkradio," adds // WLIR-FM-107.1.
850	KHHO	WA	Tacoma	– Format to UC:NWS/TLK (ex-TLK); slogan to "Black Information Network," networks to BIN.
910	KKSF	CA	Oakland	– Format to UC:NWS/TLK (ex-TLK); slogan to "Black Information Network," networks to BIN.
	WOLI	SC	Spartanburg	– Slogan to "La Raza."
950	WGUN	GA	Valdosta	– Slogan to "Magic 950."
1040	WHBO	FL	Pinellas Park	– Format to NWS/TLK (ex-NWS/Tlk).
1060	WIXC	FL	Titusville	– Format to SPT (ex-SS:SPT).
1120	WJMP	TN	Maryville	– Format to UC:HipHop (ex-Rock); slogan to "Jump 97.1."
1130	WDFN	MI	Detroit	– Format to UC:NWS/TLK (ex-SPT); slogan to "Black Information Network," networks to BIN. (MB)
1280	WODT	LA	New Orleans	– Format to UC:NWS/TLK (ex-SPT); slogan to "Black Information Network," networks to BIN.
1310	KZIP	TX	Amarillo	– Format to SS:REL (ex-SS:MEX); slogan to "Radio Vida."
1340	WYNF	GA	Augusta	– Format to UC:NWS/TLK (ex-SPT); slogan to "Black Information Network," networks to BIN.
1360	WTOC	NJ	Newton	– Adds // W240EE-95.9. (FCC)
1370	WZTA	FL	Vero Beach	– Format to OLD (ex-NWS/TLK/SPT); slogan to "Oldies 107.9," drops networks.
1400	KSRR	UT	Provo	– Slogan to "K-Star."
1430	WYKG	GA	Covington	– Format to UC:GOS (ex-UC:R&B/HipHop); slogan & Group to Grp= 102.1 The King; drops networks.
1440	KFOO	CA	Riverside	– Format to UC:NWS/TLK (ex-SS:NOS); slogan to "Black Information Network," networks to BIN.
	WGVL	SC	Greenville	– Format to UC:NWS/TLK (ex-SPT); slogan to "Black Information Network," networks to BIN.
1460	WGSY	AL	Phenix City	– Format to UC:NWS/TLK (ex-AC); slogan to "Black Information Network," networks to BIN.
1480	WZJY	SC	Mount Pleasant	– Format to SS:MEX (ex-SS: Romantica); slogan to "La Raza."
1490	WXTG	VA	Hampton	– Format to AOR (ex-NWS).
1540	WWGK	OH	Cleveland	– Format to SPT (ex-TLK); slogan to "KNR2 AM 1540," networks to ESPN.
1560	KEBC	OK	Del City	– Slogan to "The Franchise," networks to SBN/PRN.
1590	WSMN	NH	Nashua	– Adds // W237FA-95.3. (FCC)
	KLFE	WA	Seattle	– Networks to THN/DR. (WH)
1670	WMGE	GA	Dry Branch	– Format to UC:NWS/TLK (ex-SPT); slogan to "Black Information Network," networks to BIN.



### New Group

Grp= 102.1 The King – WYKG-1430, W271CV-102.1, W288DX-105.5

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), and Mike Brooker (MB).

## New IRCA TIS/HAR LIST (Summer 2020) Now Available!

The IRCA TIS/HAR LIST lists all US and Canadian TIS/HAR stations, by frequency, including call letters, state (province,) city, county, licensee, address, coordinates, expiration date, sources and/or dates of DXM/DXN reports. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through June 27, 2020.

The 2020 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: [http://www.ircaonline.org/editor\\_upload/File/TIS\\_2020.pdf](http://www.ircaonline.org/editor_upload/File/TIS_2020.pdf)

Note: There appears to be some TIS/HAR activity ongoing at this time, stations being shut down and new stations with health information. If you hear anything that is not on the list, please report it to [DXM.EiC@gmail.com](mailto:DXM.EiC@gmail.com)

# Domestic DX Digest – East

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

[patria1818@yahoo.com](mailto:patria1818@yahoo.com)

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

All times are Eastern Local Time (ELT)

## REPORTERS

- BC-NH** **Bruce Conti, Nashua** – Excalibur SDR, variable termination 50 x 75-ft Super/Ewe antennas at 60° northeast and 180° south.
- KK-VA** **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- JW-PA** **Jim Weber, Oyster Point** – Grundig S350, Sony ICF2010
- MKB-ON** **Mike Brooker, Toronto** – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200

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

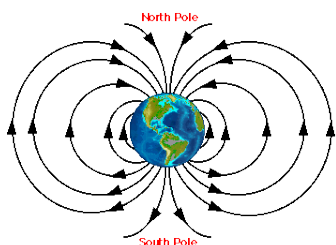
Friend me on Facebook! [www.facebook.com/keval.mike](https://www.facebook.com/keval.mike)

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

## LOGGINGS

- 550 WKRC OH Cincinnati** – 6/20 2300 – Fighting WGR groundwave with "WKRC...the one place for Sean Hannity" promo. **(MKB-ON)**
- 950 WROL MA Boston** – 6/15 0500 – Clear call sign ID, "WROL Boston" under Philadelphia's WKDN. **(JW-PA)**
- 1110 KFAB NE Omaha** – 6/8 2159 – In WBT/WNAP mix, during no audio from WBT noted ad or promo mentioning "... call 402 5 hundred 4800 call..." Area code 402 = Nebraska. **(KK-VA)**
- WNAP PA Norristown** – 6/8 2028\* – In WBT/KFAB mix with sign off: "...listening to radio station WNAP 1110 kilohertz... mygospelhighway11.com... Gospel highway. Good night and God bless you." New station for me. **(KK-VA)**
- 1120 WKAJ NY St. Johnsville** – 6/8 2145 – In multi-station mix with "Real good country music 11-20 AM WKAJ" station promo. **(KK-VA)**
- WSME NC Camp Lejeune** – 7/5 0000 – Under KMOX and WPRX; blues oldies, "WSME Camp Lejeune, W246CJ Jacksonville..." New log. **(BC-NH)**
- WKQW PA Oil City** – 6/8 2100 – In multi-station mix (WUST, WSME, WKAJ, KMOX, UNID station with Fox Sports) with ToH ID: "WKQW AM Oil City and W281CA Oil City." **(KK-VA)**
- 1130 WDFN MI Detroit** – 7/1 2100 – Now flipped to all-Black programming (and I don't mean New Zealand rugby team), noted over WBBR with "WDFN Detroit, the Black Information Network" ToH ID. **(MKB-ON)**
- WEAF SC Camden** – 6/8 2059 – Mixing with WBBR, WDFN and UNIDs (C&W songs and oldies) with ID for // on 1080: "...WALD 1080 AM...the Worship and Word Network." **(KK-VA)** *Legacy calls from a century ago. In the early 1920s WEAFF was a pioneer station in New York that evolved into WNBC-660. Mike.*
- 1150 WNLR VA Churchville** – 6/26 1945 – Mixing with WGBR and UNID sports talk, male "New life radio WNLR" ID. **(KK-VA)**
- 1230 WBLQ RI Westerly** – 7/4 0600 – Good; "W276DF Westerly, this is Stereo 1230 WBLQ Westerly-Stonington" and local news from the WBLQ newsroom. Dominant on the south antenna while WGUY is dominant on the northeast antenna. **(BC-NH)**
- 1340 WTRN PA Tyrone** – 6/17 2208 – Nice "WTRN" call letter ID at this time with AM and FM frequencies mentioned. **(JW-PA)**
- WVNR VT Poultney** – 7/5 0600 – Fair, over WYBC; "On 94.1 FM and 1340 AM this is Lakes Region Radio news." Also noted 7/10 2302 – Fair; "WNYV Whitehall, WVNR Poultney-Glens Falls-Saratoga." **(BC-NH)**
- 1400 WJZN ME Augusta** – 7/4 2200 – Fair; "...on Capital 959 dot com, this is Augusta's classic rock station, Capital 95-9." **(BC-NH)**
- WVAE ME Biddeford** – 7/10 2200 – Under WCYR; "Easy favorites, 93-5 and 107-1 FM." **(BC-NH)**
- WHZP ME Veazie** – 7/3 2301 – Poor, over "Golden Great 98" WLTN; caught WHTP ID's with "Hot Radio Maine, Maine's hit music channel" slogan and urban contemporary music. **(BC-NH)** *Note call change from WCYR as of March 1 – DY.*

- WLTN NH Littleton** – 7/5 0200 – Fair; "This is WLTN Littleton, Oldies 1400, and W253AY 98.5 FM, the Golden Great 98," and WLTN jingle. **(BC-NH)**
- WOND NJ Pleasantville** – 7/5 0500 – Briefly atop; "News/talk radio for south Jersey, News/Talk 1400 WOND." **(BC-NH)**
- 1420 WLIS CT Old Saybrook** – 6/26 0406 – ID with mentions of both WLIS and WMRD at this time. **(JW-PA)**
- 1470 WJDY MD Salisbury** – 6/24 0400 – Partial ID and ad for local Lombardi Pizza at this time. Coast to Coast Radio followed, growing in volume until CtC signoff at 0500 with clear ID and mentions of iHeart radio and Fox news. **(JW-PA)**
- 1480 WDJO OH Cincinnati** – 7/6 0510 – " Cincinnati's Oldies" slogan, then Mama Cass "It's Getting Better" followed by 0510 callsign ID. Booming in at 0522 playing "Summer In The City" by the Spoonful then a "Cincinnati's Own WDJO" slogan ID. Reception finished up with the Animals' "It's My Life". **(JW-PA)**
- WCFR VT Springfield** – 7/7 2059 – "WCFR" ToH ID with mention of 106.5 FM and Springfield. Coming in pretty well for an hour or so with classic rock format and periodic callsign IDs and "Rewind" slogans plus mentions of various area communities served by their signal. **(JW-PA)**
- 1490 WICY NY Malone** – 7/11 0100 – Over WCCM; WICY jingle and CBS news. **(BC-NH)**
- WNGZ NY Watkins Glen** – 7/3 0721 – Presumed battling in-state rival WBTA-Batavia with ad for Corning Community College, other local ads mentioning Finger Lakes and/or 607 area code. **(MKB-ON)** *Per FCC, calls changed on July 3 to WNGZ.*



## Geomagnetic Indices

Geomagnetic Summary June 2020

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

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

Date	Flux	A	K	Space Weather	Date	Flux	A	K	Space Weather
6/ 1	69	6	3	no storms	16	69	5	2	no storms
2	70	7	1	no storms	17	69	4	0	no storms
3	70	4	1	no storms	18	68	4	1	no storms
4	70	4	2	no storms	19	69	5	2	no storms
5	71	4	1	no storms	20	68	6	1	no storms
6	72	3	0	no storms	21	68	4	1	no storms
7	73	9	3	no storms	22	68	4	2	no storms
8	71	4	1	no storms	23	67	4	2	no storms
9	72	5	3	no storms	24	67	4	1	no storms
10	71	7	1	no storms	25	69	3	2	no storms
11	72	4	0	no storms	26	68	6	3	no storms
12	71	4	1	no storms	27	69	7	2	no storms
13	69	3	0	no storms	28	69	4	1	no storms
14	70	2	1	no storms	29	69	3	0	no storms
15	70	4	0	no storms	6/30	68	4	2	no storms

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

## BACK ISSUES?

**Need a copy of a back issue?** Wayne will be cleaning out the last two years or so of extra paper copies of *DX News* over the next few weeks. If you need a copy of an issue for your files, please contact NRC HQ at [amlog@nationalradioclub.org](mailto:amlog@nationalradioclub.org) and check to see if extra copies of the issue are available. Anything left over will be sent to recycling by September 1.



# Domestic DX Digest – West

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

w\_r\_hale@sbcglobal.net

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

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

Upcoming deadlines for DDXD-West: **Issue 19 August 14;** **Issue 20 September 11, 2020.**

## --- REPORTERS ---

- SMA-MB** Shawn Axelrod **Winnipeg, Manitoba** Receivers: ICOM IC-R70 / Drake R8 / SDRPlay RSPduo; Antennae: 3-Foot un-amplified box loop / Quantum QX Loop v2.0 / 155' U-shaped outdoor wire / 100-Foot indoor wire run around the basement walls
- AB-OH** Artie Bigley **Columbus, Ohio** CC Radio2 barefoot
- MF-CA** Martin Foltz **Mission Viejo, California** RX: Sony Walkman SRF-M37W; HQ-180A & 75 foot wire
- TK-FL** Terry Krueger **Niceville, Florida** IC-R75, NRD-535, ICF-7600GR, active loop, random wire
- JN-TX** James Niven **Cedar Creek, Texas** Receivers: ELAD S2, Perseus SDR and Drake R8  
Antennas: DKAZ (East & South) 140-foot x 23 high
- JP-AB** Jon Pearkins **Edmonton, Alberta** Sangean PR-D15 & HDR-16 barefoot
- 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
- JW-CO** John Wilkins **Wheat Ridge, Colorado** Drake R-8, 4-foot box loop

## --- STATION/PROGRAMMING ITEMS ---

- 1050 WJSB FL Crestview – 7/7 0656** – Not DX from here, but worth noting that this otherwise C&W station (simulcast to WAAZ-FM 104.7) airs “Faith Comes From Hearing” (or is it “Healing”) Christian inspirational message of the Airport Church of Christ Monday-Friday **5:45-6:00** a.m. CT, should anyone hear such programming at this time. (TK-FL)
- 1200 WKST PA New Castle – 7/8** – Appears to be running their day 5 kW non-DA rig all night as signal here covers WOAI and DX is impossible. (AB-OH)
- 1210 WAMB PA Waynesburg – 7/9 2119** – Daytimer running all night. Heard C&W music, frequent calls, and “Cool Country” mentions. (AB-OH)
- 1380 WAOK GA Atlanta – 6/13 0635** – Not DX from here, but worth noting that, on weekends (Saturday, this day), they're simulcasting sister station WZGC-FM CBS Sports Radio. No ID on the hour, just an automation fail with dead air until back to the feed. One “Sports Radio, seven days a week all day, all the time . . . 92-9 The Game”. And then, the following day (Sunday) in the same hour, they were simulcasting black gospel, which turns out to be “. . . on The People's Station, V-103”, which is WMGV-FM, 103.3, and // their station stream. (TK-FL)
- 1440 KFOO CA Riverside – 6/30 1258** – **New format:** Black Information Network with news and talk. Slogan: “Riverside B-I-N 14-40”. (MF-CA)
- 1550 WZUM PA Braddock – 6/26 0100** – ID, then Jazz programming. Obviously running their 1 kW day rig. “Don't forget to go to our WZUM web site: wzum.org”. (AB-OH)

## --- UNID ---

- 1380 UNID** - **6/13 0601** – Someone here with an orchestral ‘Star Spangled Banner’, maybe the same one then into seemingly Country/Bluegrass gospel vocals in multiple co-channel mess. Anthem cuts through the noise daily at this time, but little else so far. Suspect someone in the Eastern Time Zone, corresponding to **0600**. Presumably not WKJV which I would have guessed, as not parallel the station stream. Pointing NE/SW. (TK-FL)



1650 UNID - 6/17/ 0748 – “The Beeper”. LSB mode. Surprised to note this one, and still here through 6/30, one of a couple beeping tone variants sporadically heard from the former Clearwater, Florida location since at least 2015. Half-second or so tone about every four seconds, but with some sporadic longer gaps, pointing NE/SW. I had presumed this to be a malfunctioning semi-close HAR/TIS, but it's more mysterious at a straight line 280 or so miles away now. There were the ‘DVS’, ‘SAC’ and other oil rig beacons in the northern Gulf of Mexico, both on 1650 kHz a few years ago. Related? (TK-FL)

**--- TIS ---**

1630 WQMY912 FL Lecanto – (MIS) FDoT – Reported to me by Robert Richmond, Citrus County, using a Kenwood R-2000 and 31' vertical over radial field. His recording was made at 0600 UTC **June 18, 2020** and posted to YouTube here: <https://youtu.be/1eZa7z5ZVS8>. The loop is a non-computerized woman beginning with: “This is station WQMY912, Lecanto, operating at a frequency of 1630 AM. This is a low power portable transmitter owned by the Florida Department of Health in Citrus County. Here are a few things you need to know about COVID-19 testing at the Florida Department of Health in Citrus County...”. Searching Florida Low Power Radio Stations, I see two transmitters were once registered (circa 2010). Current FCC dB shows one entry, licensed to Citrus County, expiring November, 2020, located at 3700 West Sovereign Path, which is the Florida Department of Health facility in this county. Suspect this is set up for mobile testing lines at the clinic. Might warrant a new category: CAR (‘COVID Advisory Radio’). (TK-FL) [If more than a ‘few’ of these are submitted for the same issue, consideration will be given to add a banner for them. Another note: if these broadcasts are aimed at people standing in lines awaiting COVID testing, they might consider transmitting on FM or sending the text messages. I’ll bet less than 0.001% of those in line bring an AM radio – Ed.]

**--- BEACONS ---**

1650 DVS Gulf of Mexico – 6/19 2018 – Weak, 1020 Hz ‘DVS’ repeating, LSB, under “The Beeper” [see UNID above – Ed.] unidentified and reappearing tone signal long-time and sporadically appearing mystery. Separately fading, definitely two sources. This was last heard in mid-2018 from my then Clearwater site. Also both being heard by D. Crawford in Titusville and J. Santosuosso in Lakeland, Florida. Suspect, at least, DVS is an oil rig. (TK-FL)

**--- DX LOGGINGS ---**

580 WDBO FL Orlando – 06/27 – Noted at 0400 with female mentioning “WDBO” quickly, then gone into the mess on the frequency. Fair, when heard. New. (JN-TX)

670 KHGZ AR Glenwood – 6/19 2151 – With C&W. Very poor, but holding its own in null of WSCR’s talk. Assumed. (JJR-WI)

670 KLTT CO Commerce City – 6/20 0212-0216 – Under KBOI with antenna southeast, running typical religious block programming with male speaker quoting Bible verses. Probably 50 kW day pattern as never heard before and was not there at 0700. (JP-AB)

730 WJMT WI Merrill – 7/3 2115 – Poor -- OLDies by Fontella Bass and Elvis. “BlueJay 96.3 WJMT”. I hear CKDM way more than this! (JJR-WI)

730 CKAC QC Montreal – 6/28 2238 – Poor, with CKDM nowhere, leaving FF chatter and “Circular” said twice. (JJR-WI)

900 WATK WI Antigo – 6/14 0624 – Poor, with “. . . call Classic, its 98-7 during business hours . . .” in brief fade-up. (JJR-MI)

910 WDOR WI Sturgeon Bay – 6/23 0723 – Poor, with “WDOR trivia . . . 55 degrees at WDOR” and chat with contest winner. No usual WFDF. (JJR-MI)

930 WTAD IL Quincy – 7/1 2116 – Poor, with promo with “. . . on WTAD” and gone! Uncommon due to WKBM. (JJR-WI)


940 CFNV QC Montreal – 6/28 2223 – Poor, with FF singing. Finally, @ :28 FF chatter with “Montreal” heard. Alone. (JJR-WI)

950 WCLB WI Sheboygan – 6/19 2123 – “Rhythm of the Night, Z107”. Very poor, thanks to WNTD. Rare! (JJR-WI)



- 960 WFIR VA Roanoke – 7/3 2148 – Poor, with Mark Levin with fill-in host. WSBT nulled. Calls @ 21:52. (JJR-WI)
- 970 KNWZ CA Coachella – 6/20 0204 – Tuned in to CBS News, into ‘Coast to Coast AM’ with Ian Punnett, “. . . 94-3 and 104-7 K-News, The Voice of the Valley”. (MF-CA)
- 970 WZAM MI Ishpeming – 7/2 2228 – Poor, but alone with, ‘ESPN U-P’ promo in glut of ESPN promos. (JJR-WI)
- 970 WDUL WI Superior – 6/14 0620 – Poor -- “AM 970 WDUL, Duluth’s SportsRadio” with CBS Sports. As WDAY is dominant here, this is not common! (JJR-MI)
- 990 WTLN FL Orlando – 06/27 – Noted at 0500, mixing with WGSO and Radio Guama, with male giving ID as: “. . . the wordorlando.com . . . the new AM 990 and FM 101.5, The Word”. Fair signal. New. (JN-TX)
- 990 WGSO LA New Orleans – 06/27 – Noted at 0501 with male giving ID as: “. . . WGSO 990 AM New Orleans”. Fair signal, mixing with Radio Guama and WTLN. New. (JN-TX)
- 1010 WKJW NC Black Mountain – 6/22 0639 – Country/Bluegrass gospel vocals, parallel 1380 WKJV. Co-channel from CBS Sports WJKL. (TK-FL)
- 1010 WPCN WI Stevens Point – 6/19 2211 – Poor, with “True Oldies 92.1 FM and 1010 AM WPCN”. No CFRB. (JJR-WI)
- 1020 WPEO IL Peoria – 6/16 2120 – Poor -- ‘Dr. Charles Stanley’ program. I don’t hear this too often. With KDKA nulled. (JJR-WI)
- 1050 WFAM GA Augusta – 7/8 0657 – Man at tune-in: “WFAM, Augusta, Georgia”, then “You’re listening to WFAM, Augusta” at top of hour, promo for Wilkins Radio website, then traditional gospel vocals. In co-channel with WJSB and presumed XEG with choral anthem just after the hour. (TK-FL)
- 1050 KVPI LA Ville Platte – 06/17 – Noted at 0625 with male speaking about “. . . KVPI AM and FM . . . Information about employment . . . job vacancies at our stations, please notify General Manager Martin Layne or email mrklayne@gmail.com or call 337-363-2124. Radio Stations AM & FM . . . . .”, then into weather for the listening area and then back into Classic Country. This was received on the East DKAZ, so nulling XEG this was a pleasant surprise to hear this station. Fair-to-good signal at times. New. (JN-TX)
- 1100 WISS WI Berlin – 6/23 0715 – Poor, with ‘Celebrate’ by Three Dog Night, “The Bug” in WTAM null. (JJR-MI)
- 1110 WTIS FL Tampa – 06/16 – Noted at 0501 with Spanish male vocals, then male giving ID in English as “WTIS FM and AM Clearwater and St. Petersburg, Q Broadcasting . . . . .”. Then singing jingle in Spanish: “. . . La Mega . . .”. Good signal on top of the channel. New. (JN-TX)
- 1200 KFNW ND West Fargo – 6/23 0711 – Poor, with “Nine minutes after the hour on Faith Radio”. Usually WRTO or WMUZ here. (JJR-MI)
- 1210 WILY IL Centralia – 6/17 2102 – Poor, with ‘Hungry’ by Paul Revere & the Raiders and calls. Lost to WPHT. (JJR-WI)
- 1220 KHTS CA Canyon Country – 6/19 0150 – Talk program: ‘The Real Side’ with Joe Messina, ToH ID mentioned 98.1 FM, Fox News, “Your Home Town Station” slogan. (MF-CA)
- 1220 WLPO IL LaSalle – 6/29 2214 – Poor, though steady, with ‘Sounds of Silence’ by Simon and Garfunkel. “Classic Hits 103.9 WLPO”. (JJR-WI)
- 1230 WSOO MI Sault Ste. Marie – 6/16 2121 – Poor -- “Depend on Radio Soo . . .” and “WSOO forecast . . .”. Music by One Direction. (JJR-WI)
- 1230 WSOO MI Sault Ste. Marie – 6/29 2125 – Very poor -- ‘Set Fire to the Rain’ by Adele, and “1230 WSOO” and lost. (JJR-WI)
- 1240 WJMC WI Rice Lake – 7/8 0632 – Very poor, while chasing others. “AM 1240 WJMC “. Then poof! Gone! (JJR-MI)
- 1250 WJMK MI Bridgeport – 6/23 0709 – Poor-- ‘Tossin’&Turnin’ by Bobby Lewis, “Me TV-FM” then, ‘You Should be Dancing’ by the Bee Gees. In/out, with WSSP and some KBRF. (JJR-MI)
- 1260 WXCE WI Amery – 7/7 0649 – Poor, with loud metal rock music. Lost to WSDZ. Assumed. (JJR-MI)
- 1260 WOCO WI Oconto – 6/22 0811 – Very poor, but heard “Oconto Fire & Rescue, two fires on Saturday . . . “. Rare! (JJR-MI)



- 1270 WBOJ GA Columbus – 06/16 – Noted briefly at 0601 with male saying “. . . 70s and more . . . number one choice for Classic Hits . . . playing Boomer 102.5 . . . “. Fair signal. Faded up briefly, then gone. New. (JN-TX)
- 1270 WXYT MI Detroit – 6/18 2136 – Poor, with “CBS Sports Radio 1270” out of nowhere; lost to WQTT. (JJR-WI)
- 1270 WQTT OH Marysville – 6/15 2131 – Poor, with “. . . Classic Rock WQTT . . . “. ‘Closer to Home’ by Grand Funk. Atop. (JJR-WI)
- 1280 CFMB QC Montreal – 6/29 2208 – Fair, with WNAM nulled. FF male/female chatter, music. Not in earlier. (JJR-WI)
- 1290 WZTI WI Greenfield – 6/24 0802 – Very poor – caught LID in passing. “Fonz FM” with OLDies. No CFRW in a while! (JJR-MI)
- 1290 WKLJ WI Sparta – 7/9 0744 – Poor, with Wisconsin PSAs (Wisconsin Department of Transportation, etc. “ESPN LaCrosse” after weather. Alone. (JJR-MI)
- 1300 KPMI MN Bemidji – 6/23 0815 – Very poor, with “. . . the Legends --AM 1300”, with OLD C&W songs. WOOD had faded by this time. (JJR-MI)
- 1300 WQPM MN Princeton – 6/23 0743 – Very poor, with “. . . the Big Q” jingle, 50s, 60s and 70s oldies when WOOD would fade”. (JJR-MI)
- 1300 WOAD MS Jackson – 06/27 – Noted at 0500 with quick “WOAD” ID and “FM W278BW” was mentioned. Mixing with XEP, then back into Gospel music, fair signal. Relog (JN-TX)
- 1300 KCMY NV Carson City – 6/15 0659 – Willie Nelson song to LID at 0700 for the AM and K273AF 102.5 FM; a “Cowboy Country” slogan was followed by more C&W music. Rough copy in QRM. (JW-CO)
-  1300 KVET TX Austin – 6/15 0500 – Legal ID for the AM as well as one or two FMs. Poor copy with the loop in the wrong direction. (JW-CO)
- 1310 KGLB MN Glencoe – 6/15 0808 – Very poor -- “Classic Country 1310 KGLB” between C&W songs. Way under WCCW. (JJR-MI)
- 1310 WIBA WI Madison – 6/15 0806 – Very poor -- “WIBA Newstime”, in and out just as quick! WCCW dominant. (JJR-MI)
- 1320 KOZY MN Grand Rapids – 7/11 0815 – Poor, though no WILS all morning. “Best of . . .” morning show with OLDies, calls. (JJR-MI)
- 1320 WFHR WI Wisconsin Rapids – 7/9 0732 – Poor, in WILS fadeout, with “Dave Ramsey on your 24 hour information station, 1320 WFHR Wisconsin Rapids” voiced by Ramsey. (JJR-MI)
- 1350 WCMP MN Pine City – 6/22 0807 – Very poor, with end of weather. “Classic Hits Highway 106.5 WCMP”. Been a while. (JJR-MI)
- 1350 WPDR WI Portage – 7/3 2205 – Poor, with “. . . greatest hits of the 60s and 70s, 1350 WPDR”, followed by songs by Tom Petty and Toto. Alone. (JJR-WI)
- 1360 KNIR LA New Iberia – 06/27 – Noted at 0500, mixing with KKTXX, with female giving list of stations and frequencies, fair signal. New. (JN-TX)
- 1360 WVRQ WI Viroqua – 6/23 0738 – Very poor, with calls, ‘Higher Ground’ by Stevie Wonder through dominating WTAQ. (JJR-MI)
- 1380 WPHM MI Port Huron – 7/8 0650 – Poor, with “. . . on 1380 WPHM” through a dominant WOTE. (JJR-MI)
- 1380 KLIZ MN Brainerd – 7/9 0724 – Poor, with WOTE fade out. Ad for ‘Liberty Insurance’, [hopefully not with the emu and Doug!! – Ed.] “. . . the Fan Forecast”. (JJR-MI)
- 1380 KHWK MN Winona – 7/9 0700 – Very poor through WOTE. “. . . from the (sister) KWNO newsroom . . . “. Winona news items. (JJR-MI)
- 1380 WKJV NC Asheville – 6/23 0600 – USA Radio News until 1002, then orchestral Star Spangled Banner (noted every weekday at this time -- and would also appear on simulcast WKJW 1010 kHz), man with legal ID for both stations, weather, into Country/Bluegrass gospel vocals. (TK-FL)
- 1380 KRCM TX Shenandoah – 6/13 0628 – Presumed. Mexi-tunes, not // XECO's station stream. The XETP station stream would never open with audio to confirm. In briefly, then lost to all the other domestics. Pointing ENE/WSW. Then, on 6/15, Marcela Gandara's “Pensaba En Ti”, so it's Mexi-Christian thus probably KRCM, though their station stream is broken to confirm. (TK-FL)
- 1390 WAJD FL Gainesville – 6/13 0553 – Man with canned “The best place for R&B and Hip Hop, 98-9 Jamz” into Urban vocals. Legal ID top of hour, into replay of ‘The Steve Harvey Show’ on a Saturday. (TK-FL)

- 1390 WLCM MI Holt – 7/3 0728 – Very poor -- “. . . faith . . . on WLCM” in promo. WGRB nulled. (JJR-WI)
- 1390 WRIG WI Schofield – 7/11 0752 – Poor, with weather, “Fox Sports Wausau”. KXSS usually in here. (JJR-MI)
- 1400 KSHP NV North Las Vegas – 7/1 2356 – Tuned in to local ads, ‘Sports Byline USA’, ToH ID into USA Radio News and then faded. (MF-CA)
- 1400 KAZZ UT Parowan – 6/5 0659 – Multi-station LID for the ‘St. George News Radio’ group. Briefly fair in the mix. (JW-CO)
- 1400 WBIZ WI Eau Claire – 6/14 0638 – Poor -- “This is 98-7 the Brew” into ‘Wheels in the Sky’ by Journey. WCCY nulled. (JJR-MI)
- 1420 WGXI WI Plymouth – 6/22 0804 – Very poor, even with under KTOE. “98-5 Love.FM and AM 1420” NOS music. (JJR-MI)
- 1430 WION MI Ionia – 6/16 2102 – Very poor, though “WION” heard twice, “AM Stereo 1430 . . .”, then CBS News and lost. (JJR-WI)
- 1430 KNSP MN Staples – 7/11 0833 – Poor – ‘ESPN Radio’ and “. . .the Fan” in very, very brief fade-up. Over WRDN. (JJR-MI)
- 1430 WBEV WI Beaver Dam – 6/26 0823 – Very poor, “. . . on Hwy 33, East of Beaver Dam”. Not common here at all. (JJR-MI)
- 1450 WNBY MI Newberry – 7/10 0822 – Poor, in very brief fade up over WMIQ. “75 degrees at Newberry's radio station . . .”. (JJR-MI)
- 1450 KMMS MT Bozeman – 6/24 0259 – Dual LID for KMMS and sister station KPRK-1340: “Where Montana Talks”; Fox News followed at ToH. Rough copy in the zoo. (JW-CO)
- 1450 WHRY WI Hurley – 7/8 0733 – Very poor -- “Oldies 102.9” after Lovin’ Spoonful oldie. With WMIQ mostly. (JJR-MI)
- 1460 WKAM IN Goshen – 6/25 0733 – Poor, through nulled KXNO. SS: “La Raza 1580 y 1460”. A nice surprise. (JJR-MI)
- 1460 KDWA MN Hastings – 7/7 0719 – Very poor, three obituaries from Hastings. No KXNO all morning. (JJR-MI)
- 1460 KKAQ MN Thief River Falls – 7/11 0807 – Poor, in fade-up, with weather and ID: “1460 AM and 98.5 FM. No KXNO. (JJR-MI)
- 1460 WBOG WI Tomah – 6/22 0756 – Poor, over KXNO with Classic Country, “Bog Country 101.3” between songs. (JJR-MI) (‘Bog’ is a reference to many Cranberry Bogs in area. Read: Ocean Spray.)
- 1480 KKCQ MN Fosston – 7/8 0811 – Very poor -- “. . . at 7:11, 64 degrees at KKCQ”, then news. KAUS and WLMV more common here. (JJR-MI)
- 1490 KKAN KS Phillipsburg – 6/25 0400 – Guy with LID at 0400:30: “This is your regional information center – KKAN Phillipsburg”, then back to Oldies. Fair, topping others. (JW-CO)
- 1490 KJOQ MN Duluth – 6/26 0758 – “The Jock” show and promos, ad for ‘Rocket Mortgage’. Very poor, and lost to WTIQ. (JJR-MI)
- 1490 WLFN WI La Crosse – 6/14 0700 – Poor, with “1490 WLFN LaCrosse, a service of La Crosse Media Group”. Atop. (JJR-MI)
- 1490 WIGM WI Medford – 7/7 0843 – Very poor, in fade up, with “. . . on FM 107.1 WIGM”. C&W music, then lost to WOSH. (JJR-MI)
- 1490 KUGR WY Green River – 6/25 0200 – Singing ID: “KUGR Green River, Wyoming”, followed by CBS News. Briefly on top. (JW-CO)
- 1500 WFED DC Washington – 6/30 2202 – Poor, with CBS News . . . fade . . . Jim Bohannon. Some WLQV. NO program guide on the WFED site. Faded at appropriate times (hi). Thus, assumed. No sign of KSTP. (JJR-WI) [WFED is on the Jimbo station list . . . so count it!]
- 1510 KPLS CO Littleton – 06/21 0458 – Good solid signals, on top with religious programming: “Bible Answers” and “Amazing Facts”. Full ID at 0500 with “Positive Lifestyle Radio K Plus KPLS 1510 AM Littleton Denver K225CZ 92.9 FM”. NEW! (SMA-MB)
- 1510 WWHN IL Joliet – 6/28 2138 – Poor, with ‘Reverend ?? & wife’ with lighthearted REL chatter. Non-ID: “WWHN & 101.5 “. [Their ‘101.5’ is W272DQ Chicago.] (JJR-WI)
- 1520 WHOW IL Clinton – 6/17 2119 – Poor, with ‘Covid 19’ PSAs . . . , “. . . see DeWittDailyNews.com”. Some KRHW. (JJR-WI)
- 1520 WMLM MI Saint Louis – 6/24 0732 – Poor, with “. . . news update from WMLM . . .” including story on stores closing in Michigan. Alone. (JJR-MI)
- 1530 WCKG IL Elmhurst – 6/28 2057 – Poor – “The Mighty Metro FM”. Ad with 312 (Chicago) area code. Assumed. (JJR-WI)

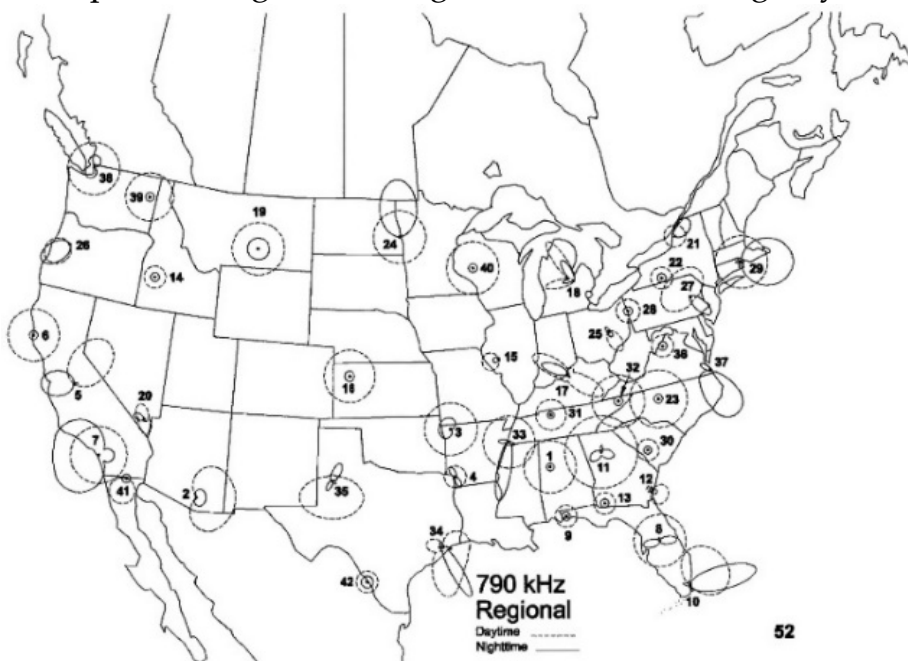
- 1550 KXEX CA Fresno – 6/14 0700 – Legal ID in QRM. (JW-CO)  
 1550 KXEX CA Fresno – 6/26 0043 – ‘The Larry Elder Show’, fading in/out. (MF-CA)  
 1550 WZNF FL Bunnell – 7/5 0627 – “In the Garden With Ron Wilson” [I love that program on Saturday mornings on WKRC on-line – Ed.] syndicated program on a Sunday, something network news summary bottom of the hour, spot for “Beaver Toyota St. Augustine” which means this is WZNF, in multi-station co-channel. (TK-FL)  
 1550 WJIL IL Jacksonville – 6/14 0300 – Legal ID, also mentioning WJVO 105.5 FM. Should have been (but probably wasn't) on 10 Watts at this time! (JW-CO)  
 1550 KDCC KS Dodge City – 6/14 0200 – Legal ID, followed by short version (one minute) of Fox News; also heard “The Sports Hound” slogan. Fair peaks. (JW-CO)  
 1550 KESJ MO St. Joseph – 6/14 0500 – AM/FM legal ID at 0500:20, as well as “Joe Town 107.5” slogan. Rough, in QRM. (JW-CO)  
 1560 KLNG IA Council Bluffs – 7/11 0744 – Poor -- ‘LDW.org’, Wilkins Radio, calls. Odd that no others were in. (JJR-MI)  
 1570 WVOJ FL Fernandina Beach – 7/5 0620 – Mexi-tunes, frequent “La Raza” slogan drops, co-channel from their big brother at XERF. (TK-FL)  
 1570 KAKK MN Walker – 7/11 0826 – Poor – ‘Rio’ by Duran Duran, “Oldies Radio KAKK” in fade-up over WLKD. (JJR-MI)  
 1570 WKBH WI Holmen – 6/14 0720 – Poor -- “. . . Eastern (time) on Relevant Radio” and gone as quickly! Others in too. (JJR-MI)  
 1580 CKDO ON Oshawa – 6/20 0158-0201 – Gradually faded up with Oldies, to completely bury Talk format on KGAL. First time heard in more than a year. (JP-AB)  
 1590 WIXK WI New Richmond – 7/9 0754 – Very poor – Hmong chanting in super tight null & fade from WGBW. (JJR-MI)  
 1590 WPVL WI Platteville – 6/15 2142 – Poor, with ‘ESPN, ESPN News, ESPN 2’, etc promo after promo. Some WAKR. Assumed. (JJR-WI)  
 1600 WAOS GA Austell – 06/16 – Noted briefly at 0601 with male legal ID for “WAOS Austell-Atlanta, WXEM Buford, and WLBA Gainesville . . . radio stations . . .”, then faded. Fair signal. NEW. (JN-TX)

## NRC Antenna Pattern Book 8th Edition

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

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

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



## Unreported Domestic Stations

No new stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000) – but, hey, it's the middle of summer! The closest we came was KVPI-1050, last reported in volume 69 issue 17. We still have 302 full service (100 watts and up) AM stations in the United States and Canada that have not been reported to DDXD during this time. The last full list was printed in Volume 86 Issue 19. Can we get it down to 300 before we print the list again?

# International DX Digest

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

contiba@gmail.com

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

All times are Universal Coordinated Time (UTC)

## TRANS-ATLANTIC DX

- 1215 **UNITED KINGDOM** *Absolute Radio* synchros JUL 4 0258 – Poor; "Sweet Harmony" by The Beloved to fade out, then faded in with "Thunderstruck" by AC/DC. [Conti-NH]  
 1530 **SAO TOME** VOA Pinheira JUL 12 0258 – Under WCKY and WVBF; Yankee Doodle interval signal. [Conti-NH]  
 1638 unID JUL 4 0300 – Poor s5 without readable audio; possibly *Bluebird* or another Dutch pirate. [Conti-NH]

## PAN-AMERICAN DX

- 550 **HONDURAS** HRXT *ABC Radio*, Tegucigalpa JUN 16 1001 – Noted underneath KTSA; many mentions of ABC Radio by male, fair signal. Last heard 2015 from Corpus Christi, new from home location. [Niven-TX]  
 570 **COLOMBIA** HJND *R.Nacional*, Bogotá JUN 14 0210 – Fair to good signal. JUN 15 0958 – Noted with male talk, then female with many mentions of "Radio Nacional de Colombia" leading up to the top of the hour; fair signal, mixed with *R.Reloj* Cuba at times, but generally fair to good signal. New. [Niven-TX]  
 590 **MEXICO** XEPH México, DF JUN 15 0940 – Great tropical music, with my local KLBJ on my south DKaz nulled, producing nice clear good signal, occasionally mixed with "La Mejor" XEFD. New. [Niven-TX]  
 600 **MEXICO** XEOCH Ocosingo, Chis. JUN 8 0958 – Noted with fair signal at times, at 1000 male and female giving ID, "Radio Chiapas... Radio y Televisión... Radio Chiapas..." New. [Niven-TX]  
 760 **MEXICO** XEZZ *R.Gallito*, Guadalajara, Jal. JUN 16 0958 – "Radio Gallito" and Jalisco mentioned a few times; fair to good signal under XEABC. New. [Niven-TX]  
 780 **COLOMBIA** HJFV *R.Viva*, San Juan de Pasto JUN 8 0859 – Females singing "Radio Viva" jingle, then male with "Radio Viva siete ochenta AM" mentioned a few times; fair signal. New. [Niven-TX]  
 840 **COLOMBIA** HJJK Neiva JUN 14 0153 – Lively tunes, male with canned ID as "HJ Doble K," then back into tunes; fair signal, all alone on frequency. New. [Niven-TX]  
 840 **CUBA** CMHW *DobleVé*, Santa Clara JUN 16 0959 – Chime and singing ID by children, female and male mentioned *DobleVé*, then dropped under WHAS, fair signal. Relog. [Niven-TX]  
 860 **VENEZUELA** YVOL *R.Mundial*, San Cristóbal JUN 16 0958 – Many mentions of "Radio Mundial" and Venezuela; mixed with KONO and *R.Reloj* Cuba at times, fair signal at times. New. [Niven-TX]  
 910 **CUBA** *R.Cadena Agramonte*, Camagüey-Tagarro JUN 16 0959 – Mentions of "Radio Cadena Agramonte" and Cuba, time check was given. Signal was fair to good at times. New. [Niven-TX]  
 1020 **CUBA** *R.Artemisa*, Bahía Honda JUN 16 1000 – Nice big signal; Cuban national anthem, time check and station ID by male and female into news. Relog. [Niven-TX]  
 1110 **CUBA** *R.Angulo*, Holguín JUN 8 0900 – Male speaking, "Radio Angulo... Cuba..." with fair signal. New. [Niven-TX]  
 1270 **COLOMBIA** HJAR *La Cariñosa*, Cartagena JUN 16 1002 – Clear "La Cariñosa" into lively vocals. Noted briefly but in the clear at fair level for the needed few seconds. New. [Niven-TX]  
 1370 **COLOMBIA** HJBO *Emisora Minutos de Dios*, Barranquilla JUN 27 0559 – Signal rising to the top of jumble with Spanish male at 0600, Toccata and Fugue played on an organ, then "Desde transmite Emisora Minutos de Dios HJBO trece setenta kilocycles," fair to good signal. New. [Niven-TX]

## CONTRIBUTORS

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

James Niven, Cedar Creek TX; Elad S2, Perseus SDR, Drake R8, DKaz 140 x 23-ft high east and south.

### INTERNATIONAL NEWS

**ALGERIA:** Since the first days of June 2020, *Alger Chaîne 1* on 891 kHz is off. The 1422 and 981 outlets continue as always. [Guillermo Sáez, mediumwave.info]

**ISRAEL:** "All other medium wave transmitters except She'ar Yashuv on 1458 kHz have been closed." [WRTHmonitor] 1458 now carries *Kan Moreshet*. MWlist still lists 1287 *Voice of Hope* as temporarily off the air.

**NEW ZEALAND:** *Gold* on the air July 1 with all the greatest hits, the best of sport, and rural; 549 Nelson, 558 Southland, 693 Dunedin, 702 Ashburton, 729 Northland, 774 New Plymouth, 792 Waikato, 1062 Whanganui, 1089 Manawatu, 1125 Hawke's Bay, 1332 Auckland, 1350 Rotorua, 1494 Timaru, 1503 Christchurch, 1503 Wellington, and 1521 Tauranga. [Svenn Martinsen, DX-Listeners' Club Facebook group, via mediumwave.info]

**PHILIPPINES:** ABS-CBN was shut down on May 5 after its license expired and was denied franchise renewal by the government licensing agency NTC. [BBC and ABS-CBN via WRTH Facebook group] ABS-CBN operated *Radyo Patrol* 630 DZMM Manilla, 765 DYAP Palawan, 1296 DXAB Davao, and 1512 DYAB Cebu.

**UNITED ARAB EMIRATES:** *Radio Asia* has stopped operation on 1476 kHz and moved to 94.7 MHz. [WRTHmonitor]

73 and Good DX!

# Musings of the Members

Dave Schmidt, 49 N. Sumner Street, York PA 17404, [NRCMusings@aol.com](mailto:NRCMusings@aol.com)

### Wayne Heinen – Aurora CO

Slowly working through my tapes from early June, new DX has slowed down with the advent of summer T-storm QRN. Totals have crawled up to 625 after reviewing the June 7 tapes. A new one logged with a nice taped ID at 0500 was KWLO -1580 Springville UT. First time noted here with Classic rock and simple "Utah's Goat KWLO Springer & K260DS" ID. KWLO was once 1330 in Waterloo Iowa. Also a little "live" daytime DX made possible by my new Common Mode Chokes which made a great difference by removing spurs and various QRM/QRN from electronic devices. KJMP-870 at 1410 with Hip Hop Music "Jump 104.5" slogan // webstream. The AM Radio Logbook 41st Edition is out and the first 100 copies have shipped; Joan has been a real trooper learning the Publications and Membership software so things will continue to move forward after I have my surgery. I have some 15 nights of tapes to audit from June through July which will hopefully keep me entertained along with magazines and books. More when I can! 73

### Martin Foltz – Mission Viejo CA

It looks like conditions have deteriorated for the summer. The stations in the nulls of semi-locals are no longer heard. The latest new stations heard are 940 KGMS Tucson AZ listed as 250 watts nights and 580 KSAZ Marana AZ. Semi-local 1440 KFOO Riverside changed format from Spanish music to the Black Information Network. Recent GY veries; an email from KTOX-1340 Needles CA, a prepared card from KRZR-1400 Visalia CA and an email from KSHP North Las Vegas NV. Several outstanding reports that I suspect are delayed due to shutdowns or furloughs. Plans are to continue to scan in old paper records and declutter. I finally completed scanning all my 1985-1993 California reception reports into PDF. I moved 8 GB of files off an old laptop, mostly audio files. All my radio files are going on a 256 GB memory stick. It will be nice when they are all in one place (someday). 73's, Martin

### MEMBERSHIP RENEWALS

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

**RENEW YOUR  
MEMBERSHIP**



# Confirmed DXer

Phil Bytheway, 9705 Mary NW, Seattle WA 98117-2334, [phil\\_tekno@yahoo.com](mailto:phil_tekno@yahoo.com)

A big welcome to new contributor **Martin Foltz**, what an impressive start!! Note: new address: **DXM.EiC@gmail.com** (faster than yahoo!!). Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline: **09/12/20 1 PM PLT.**  
pb

- 880 KJJR MT, Whitefish. Email in one hour from Paul Walker [walkerbroadcasting@gmail.com](mailto:walkerbroadcasting@gmail.com) for DX Test on 5/2/20. (pb-WA)  
+ Email verifying my report for the DX test in 4 minutes for an email report, v/s Paul Walker Jr. Thanks Paul! MT #2, the other was a DX Test too. Only 4 MT heard from here. (MF-CA)
- KHAC NM, Tse Bonito. Prepared card in 8 days, v/s Wayne Blankenship Jr, Program Mgr. (MF-CA)
- 940 KGMS AZ, Tucson. Prepared Arizona postcard in 11 days for a report to the corporate office in South Carolina, v/s Candace Gibson, WRN (Wilkins Radio Network). (MF-CA)
- 970 KNWZ CA, Coachella. Email v/s Dax Davis, Director of Content; [dax.davis@alphamediausa.com](mailto:dax.davis@alphamediausa.com). (MF-CA)
- 1250 KNWH CA, Yucca Valley. Email verification in 1 day for an email report to Dax Davis, [dax.davis@alphamediausa.com](mailto:dax.davis@alphamediausa.com). I sent a postal report with no answer. Dax said he's been working from home since early March and he is happy to help. (MF-CA)
- 1340 KTOX CA, Needles. Email in 22 minutes, v/s Steve Rubin. Report sent to [info@ktox1340.com](mailto:info@ktox1340.com), reply from [ser@rubinbroadcasting.com](mailto:ser@rubinbroadcasting.com). (MF-CA)
- 1400 KRZR CA, Visalia. Prepared card in 56 days, v/s illegible, Market President. Also received a sticker. (MF-CA)
- KSHP NV, North Las Vegas. Email verifying my reception in 1 day, v/s Danny Jackson, On-air Host/Program Director, [dannyjackson@kshp.com](mailto:dannyjackson@kshp.com). GY verie #41. (MF-CA)

**Martin Foltz** – Mission Viejo CA (MF-CA)

**Phil Bytheway** – Seattle WA (pb-WA)

## GRAVEYARD DX UPDATE

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

[TimHall1@gmail.com](mailto:TimHall1@gmail.com)

Station	State	City	DXer	DX Location	Miles
<u>1230 kHz</u>					
WHCO	IL	Sparta	Tim Hall	Earth City, MO	60
KLCB	MT	Libby	Tim Hall	US 6/50 at NV/UT Border, UT	647
KLCB	MT	Libby	Tim Hall	Jasper, AB	328
KRYN	OR	Gresham	Tim Hall	Manning Park Resort, BC	258
KSBN	WA	Spokane	Tim Hall	Jasper, AB	359
CBPG	AB	Banff National Park	Tim Hall	Banff, AB	4
CIYR	AB	Hinton	Tim Hall	Jasper, AB	42
CBPD1	BC	Rogers Pass	Tim Hall	5 mi W of Rogers Pass, BC	5
<u>1240 kHz</u>					
KFH	KS	Wichita	Tim Hall	US 6/50 at NV/UT Border, UT	908
XEWG	MEX	Ciudad Juarez, CH	Tim Hall	US 6/50 at NV/UT Border, UT	667
<u>1340 kHz</u>					
KCBL	CA	Fresno	Tim Hall	Crescent City, CA	416



			<u>1400 kHz</u>		
KATI	WY	Casper	Steve Kamp	San Jose, CA	906
			<u>1450 kHz</u>		
KOPO	AZ	Tucson	Steve Kamp	San Jose, CA	711
KXXL	MT	Bozeman	Steve Kamp	San Jose, CA	807
KUDI	MT	Great Falls	Steve Kamp	San Jose, CA	887

			<u>1490 kHz</u>		
KDBM	MT	Dillon	Steve Kamp	San Jose, CA	731

		<u>Total Stations Heard</u>						
<u>DXer</u>	<u>DX Location</u>	<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>Total</u>
Tim Hall - US 6/50 at NV/UT Border, UT		40	37	34	45	37	40	233
Martin Foltz - Mission Viejo, CA		11	10	11	15	12	11	70
Steve Kamp - San Jose, CA		14	4	9	13	11	4	55
Steve Kamp - New Haven, CT		1	0	0	0	0	0	1
Steve Kamp - Hollywood, FL		0	1	0	0	0	0	1

Looking ahead to 1230, the following stations currently have no continental US record holder: WKWL-AL, CFFB-NU (neither did WHCO, which I have logged on a business trip some years ago and noted above; surely someone can beat this distance). WIKB-MI and KMRS-MN have no US record. Several (including KLCB-MT, KRYN-OR, KSBN-WA, and a few small Canadian stations, which I claimed from my old vacation loggings) have no Canadian record. The update for XEWG is a mileage correction, having recently located the exact transmitter site on Google satellite maps. In helping Steve review his old loggings from San Jose, CA, we discovered that there was no continental US record for KCBL-1340. I had logged them from 9 locations, the best of which is shown above. I bet someone can beat that one. 73 Tim

# GRAVEYARD DX ACHIEVEMENTS



Tim Hall, 1244 Crystal Springs Dr., Chula Vista CA 91915-2123  
TimHall1@gmail.com



1490 kHz

Updated as of July 11, 2020

Station	State	City	DXer	DX Location	Miles
WANA	AL	Anniston	Don Trelford (SK)	Runaway Bay, Jamaica	962
WANA	AL	Anniston	Steve Francis	Alcoa, TN	176
WAJF	AL	Decatur	Neil Wolfish	Toronto, ON	745
WAJF	AL	Decatur	Steve Francis	Alcoa, TN	189
WHBB	AL	Selma	Frank Merrill	Milan, MI	687
KBAS	AZ	Bullhead City	John Wilkins	Wheat Ridge, CO	613
KCUZ	AZ	Clifton	Phil Bytheway	Seattle, WA	1216
KYCA	AZ	Prescott	Phil Bytheway	Seattle, WA	1037
KAIR	AZ	Tucson	Phil Bytheway	Seattle, WA	1226
KXAR	AR	Hope	Stephen Ponder	Bossier City, LA	80
KDRS	AR	Paragould	Shawn Axelrod	Winnipeg, MB	1000
KOTN	AR	Pine Bluff	Gary Siegel	Toledo, OH	689
KARV	AR	Russellville	Steve Francis	Alcoa, TN	519
KWAC	CA	Bakersfield	Richard E. Wood (SK)	Hilo, HI	2444
KWAC	CA	Bakersfield	Nancy Johnson	Billings, MT	905
KMET	CA	Banning	Tim Hall	The Sea Ranch, CA	493
KICO	CA	Calexico	Richard E. Wood (SK)	Hilo, HI	2597
KGBA	CA	Heber	Tim Hall	US 6/50 at NV/UT Border, UT	444
KRKC	CA	King City	Frank Merrill	Nenana, AK	2266
KRKC	CA	King City	Tim Hall	US 6/50 at NV/UT Border, UT	433
KTOB	CA	Petaluma	Frank Merrill	Nenana, AK	2107
KTOB	CA	Petaluma	Tim Hall	Fitz Hugh Sound, BC	972
KTOB	CA	Petaluma	Tim Hall	West Glacier, MT	829

KBLF	CA	Red Bluff	Nancy Johnson	Billings, MT	792
KBKO	CA	Santa Barbara	Richard E. Wood (SK)	Hilo, HI	2390
KDB	CA	Santa Barbara	Phil Bytheway	Seattle, WA	921
KOWL	CA	South Lake Tahoe	Tim Hall	Chula Vista, CA	465
KLZN	CA	Susanville	Tim Hall	West Glacier, MT	644
KSYC	CA	Yreka	Tim Hall	Cambria, CA	432
KBOL	CO	Boulder	Shawn Axelrod	Langley, BC	775
KCFC	CO	Boulder	Tim Hall	US 6/50 at NV/UT Border, UT	473
KPKE	CO	Gunnison	Tim Hall	Teasdale, UT	247
KEDI	CO	Manitou Springs	Phil Bytheway	Seattle, WA	1062
KNAM	CO	Silt	Tim Hall	US 6/50 at NV/UT Border, UT	346
WGCH	CT	Greenwich	Neil Kazaross	Grafton, WI	748
WNLC	CT	New London	Andy Rugg (SK)	Pointe Claire, QC	294
WTOR	CT	Torrington	Andy Rugg (SK)	Pointe Claire, QC	253
WTRL	FL	Bradenton	Frank Merrill	Milan, MI	1013
WXVQ	FL	De Land	Karl Jeter	Stone Mountain, GA	375
WKEM	FL	Immokalee	Ernie Cooper (SK)	Provincetown, MA	1253
WMBM	FL	Miami Beach	Marc DeLorenzo	Hyannis, MA	1232
WECM	FL	Milton	Kraig Krist	Manassas, Virginia	780
WEAG	FL	Starke	Don Trelford (SK)	Runaway Bay, Jamaica	851
WEAG	FL	Starke	Mike Hardester	Jacksonville, NC	432
WTTB	FL	Vero Beach	Marc DeLorenzo	Hyannis, MA	1125
WSIR	FL	Winter Haven	Barry McLarnon	Ottawa, ON	1244
WMOG	GA	Brunswick	Don Trelford (SK)	Runaway Bay, Jamaica	919
WMOG	GA	Brunswick	Russ Edmunds	Parsippany, NJ	778
WCHM	GA	Clarkesville	Steve Francis	Alcoa, TN	82
WYYZ	GA	Jasper	Steve Francis	Alcoa, TN	91
WRED	GA	Monroe	Gary Siegel	Toledo, OH	534
WSFB	GA	Quitman	Russ Johnson	Lexington, NC	396
WSNT	GA	Sandersville	Ernie Cooper (SK)	Provincetown, MA	990
WSYL	GA	Sylvania	Steve Francis	Alcoa, TN	251
WRLD	GA	West Point	Don Trelford (SK)	Runaway Bay, JMC	1113
WRLD	GA	West Point	Russ Johnson	Lexington, NC	347
KCID	ID	Caldwell	Shawn Axelrod	Winnipeg, MB	1009
KCID	ID	Caldwell	Tim Hall	Chula Vista, CA	763
KKLB	ID	Chubbuck	John Wilkins	Wheat Ridge, CO	440
KOFE	ID	St. Maries	Phil Bytheway	Seattle, WA	271
WKRO	IL	Cairo	Russ Edmunds	Glen Rock, NJ	851
WDAN	IL	Danville	Niel Wolfish	Winnipeg, MB	806
WDAN	IL	Danville	Shawn Axelrod	Winnipeg, MB	806
WDAN	IL	Danville	George Santulli	Cranford, NJ	701
WESL	IL	East St. Louis	Barry McLarnon	Ottawa, ON	872
WESL	IL	East St. Louis	Gary Siegel	Toledo, OH	408
WOPA	IL	Oak Park	Wayne Heinen	Orchard Park, NY	466
WPNA	IL	Oak Park	Jeff Falconer	Clinton, ON	339
WZOE	IL	Princeton	Niel Wolfish	Willowdale, ON	541
WZOE	IL	Princeton	Steve Francis	Alcoa, TN	486
WKBV	IN	Richmond	Niel Wolfish	Winnipeg, MB	961
WKBV	IN	Richmond	Russ Edmunds	Blue Bell, PA	512
WDND	IN	South Bend	Barry McLarnon	Ottawa, ON	581
WNDU	IN	South Bend	Steve Francis	Alcoa, TN	427
KBUR	IA	Burlington	George Santulli	Cranford, NJ	880
WDBQ	IA	Dubuque	Wayne Heinen	Colorado Springs, CO	779
KXLQ	IA	Indianola	John Wilkins	Wheat Ridge, CO	615
KRIB	IA	Mason City	Niel Wolfish	Toronto, ON	692
KRIB	IA	Mason City	John Wilkins	Wheat Ridge, CO	657
WKYW	KS	Frankfort	Barry McLarnon	Ottawa, ON	680
KKAN	KS	Phillipsburg	Tim Hall	US 6/50 at NV/UT Border, UT	786
KTOP	KS	Topeka	Jeff Falconer	Clinton, ON	797
KTOP	KS	Topeka	Gary Siegel	Toledo, OH	663
WKYW	KY	Frankfort	Russ Edmunds	Blue Bell, PA	532
WKAY	KY	Glasgow	Frank Merrill	Milan, MI	352

					19
WFXY	KY	Middlesboro	Jeff Falconer	Clinton, ON	498
WFXY	KY	Middlesboro	Gary Siegel	Toledo, OH	350
WOMI	KY	Owensboro	Niel Wolfish	Toronto, ON	573
WOMI	KY	Owensboro	Gary Siegel	Toledo, OH	330
WSIP	KY	Paintsville	Ernie Wesolowski	Omaha, NE	749
WSIP	KY	Paintsville	Jeff Falconer	Clinton, ON	407
WIKC	LA	Bogalusa	Charles Reh	Leamington, ON	867
WIKC	LA	Bogalusa	Steve Francis	Alcoa, TN	485
KEUN	LA	Eunice	Tim Hall	Houston, TX	187
KJIN	LA	Houma	Steve Francis	Alcoa, TN	582
KRUS	LA	Ruston	Charles Reh	Leamington, ON	859
KRUS	LA	Ruston	Carl Dabelstein	Lincoln, NE	615
WBAE	ME	Portland	Kraig Krist	Manassas, VA	507
WTVL	ME	Waterville	Charles Reh	Leamington, ON	673
WTVL	ME	Waterville	Russ Edmunds	Blue Bell, PA	421
WARK	MD	Hagerstown	Andy Rugg (SK)	Montreal, QC	457
WARK	MD	Hagerstown	Steve Francis	Alcoa, TN	434
WMRC	MA	Milford	Russ Edmunds	Jonesport, ME	258
WACM	MA	West Springfield	Jeff Falconer	Clinton, ON	463
WACM	MA	West Springfield	Russ Edmunds	Blue Bell, PA	193
WABJ	MI	Adrian	Shawn Axelrod	Winnipeg, MB	829
WABJ	MI	Adrian	George Santulli	Cranford, NJ	511
WTIQ	MI	Manistique	Barry McLarnon	Ottawa, ON	508
WMPX	MI	Midland	Shawn Axelrod	Winnipeg, MB	742
WMPX	MI	Midland	Niel Wolfish	Winnipeg, MB	742
WMPX	MI	Midland	Steve Francis	Alcoa, TN	541
WODJ	MI	Whitehall	Barry McLarnon	Ottawa, ON	538
WUBR	MI	Whitehall	Les Rayburn	Helena, AL	699
KXRA	MN	Alexandria	Ron Schiller (SK)	Monmouth Beach, NJ	1141
KQDS	MN	Duluth	Barry McLarnon	Ottawa, ON	789
KQDS	MN	Duluth	Gary Siegel	Toledo, OH	550
KLGR	MN	Redwood Falls	Nancy Johnson	Billings, MT	657
WLOX	MS	Biloxi	Frank Merrill	Milan, MI	861
WCLD	MS	Cleveland	Charles Reh	Leamington, ON	724
WCLD	MS	Cleveland	John Wilkins	Ames, IA	596
WHOC	MS	Philadelphia	Steve Francis	Alcoa, TN	361
WTUP	MS	Tupelo	Don Trelford (SK)	Runaway Bay, Jamaica	1302
WTUP	MS	Tupelo	Carl Dabelstein	Lincoln, NE	629
WRTM	MS	Vicksburg	Steve Francis	Alcoa, TN	462
KDMO	MO	Carthage	Jeff Falconer	Clinton, ON	806
KDMO	MO	Carthage	Frank Merrill	Milan, MI	662
KTTR	MO	Rolla	Nancy Johnson	Billings, MT	1016
KDRO	MO	Sedalia	Shawn Axelrod	Winnipeg, MB	782
KDRO	MO	Sedalia	John Wilkins	Wheat Ridge, CO	638
KBOW	MT	Butte	John Johnson	Sheridan, WY	285
KDBM	MT	Dillon	Shawn Axelrod	Winnipeg, MB	784
KDBM	MT	Dillon	Steve Kamp	San Jose, CA	731
KXGF	MT	Great Falls	Shawn Axelrod	Winnipeg, MB	664
KBSR	MT	Laurel	Phil Bytheway	Seattle, WA	658
KLNG	NE	Omaha	Gary Siegel	Toledo, OH	643
WKDR	NH	Berlin	Kraig Krist	Manassas, VA	515
WEMJ	NH	Laconia	Jeff Falconer	Clinton, ON	506
WEMJ	NH	Laconia	Russ Edmunds	Blue Bell, PA	306
WLGW	NH	Lancaster	Andy Rugg (SK)	Montreal, QC	120
WUVR	NH	Lebanon	Russ Edmunds	Blue Bell, PA	288
WUVR	NH	Lebanon	Barry McLarnon	Ottawa, ON	211
WUSS	NJ	Atlantic City	Steve Francis	Alcoa, TN	578
WGYM	NJ	Pleasantville	Barry McLarnon	Ottawa, ON	420
WTKU	NJ	Pleasantville	Tim Hall	Tom Nevers, MA	267
KRSN	NM	Los Alamos	Tim Hall	Chula Vista, CA	656
KRTN	NM	Raton	Tim Hall	Rancho Bernardo, CA	767
KOAW	NM	Ruidoso Downs	Tim Hall	Rancho Bernardo, CA	668

WCSS	NY	Amsterdam	Jeff Falconer	Clinton, ON	373
WCSS	NY	Amsterdam	Russ Edmunds	Blue Bell, PA	196
WBTA	NY	Batavia	Gary Siegel	Toledo, OH	289
WBTA	NY	Batavia	Jeff Falconer	Clinton, ON	174
WKNY	NY	Kingston	Neil Kazaross	Barrington, IL	725
WKNY	NY	Kingston	Jeff Falconer	Clinton, ON	400
WICY	NY	Malone	Charles Reh	Leamington, ON	446
WICY	NY	Malone	Russ Edmunds	Blue Bell, PA	329
WDLC	NY	Port Jervis	Russ Johnson	Lexington, NC	488
WDLC	NY	Port Jervis	Jeff Falconer	Clinton, ON	383
WCDO	NY	Sidney	Kraig Krist	Manassas, VA	271
WOLF	NY	Syracuse	Neil Kazaross	Grafton, WI	589
WOLF	NY	Syracuse	Charles Reh	Leamington, ON	333
WGMF	NY	Watkins Glen	Barry McLarnon	Ottawa, ON	215
WRCE	NY	Watkins Glen	Kraig Krist	Manassas, VA	252
WSSB	NC	Durham	Andy Rugg (SK)	Montreal, QC	715
WSSB	NC	Durham	Marc DeLorenzo	Hyannis, MA	608
WLOE	NC	Eden	Barry McLarnon	Ottawa, ON	647
WLOE	NC	Eden	Russ Edmunds	Kinnelon, NJ	425
WFLB	NC	Fayetteville	Marc DeLorenzo	Hyannis, MA	650
WIZS	NC	Henderson	Russ Johnson	Lexington, NC	109
WRNB	NC	New Bern	Gary Siegel	Toledo, OH	572
WWNB	NC	New Bern	Barry McLarnon	Ottawa, ON	711
WRMT	NC	Rocky Mount	Andy Rugg (SK)	Montreal, QC	698
WRMT	NC	Rocky Mount	Steve Francis	Alcoa, TN	345
WSTP	NC	Salisbury	Barry McLarnon	Ottawa, ON	713
WSTP	NC	Salisbury	Gary Siegel	Yoledo, OH	445
WSVM	NC	Valdese	Frank Merrill	Milan, MI	454
WHSL	NC	Wilmington	Marc DeLorenzo	Hyannis, MA	662
WWIL	NC	Wilmington	Barry McLarnon	Ottawa, ON	779
KNDC	ND	Hettinger	Tim Hall	US 6/50 at NV/UT Border, UT	750
KOVC	ND	Valley City	Tim Hall	US 6/50 at NV/UT Border, UT	972
KOVC	ND	Valley City	Tim Hall	Winnipeg, MB	210
WBEX	OH	Chillicothe	Barry McLarnon	Ottawa, ON	556
WBEX	OH	Chillicothe	Russ Edmunds	Blue Bell, PA	414
WERE	OH	Cleveland Heights	Jeff Falconer	Clinton, ON	145
WJMO	OH	Cleveland Heights	Steve Francis	Alcoa, TN	419
WOHI	OH	East Liverpool	Steve Francis	Alcoa, TN	382
WMOA	OH	Marietta	Barry McLarnon	Ottawa, ON	503
WMOA	OH	Marietta	Russ Edmunds	Blue Bell, PA	334
WMRN	OH	Marion	Shawn Axelrod	Winnipeg, MB	925
WMRN	OH	Marion	Niel Wolfish	Winnipeg, MB	925
WMRN	OH	Marion	Russ Edmunds	Kinnelon, NJ	458
KOKC	OK	Guthrie	Rick Dau	Iowa City, IA	542
KBIX	OK	Muskogee	Niel Wolfish	Winnipeg, MB	1000
KBIX	OK	Muskogee	Steve Francis	Alcoa, TN	638
KBKR	OR	Baker	MB DXPedition &	Valhalla Beach, MB	1064
KBKR	OR	Baker	Tim Hall	US 6/50 at NV/UT Border, UT	440
KRNR	OR	Roseburg	Tim Hall	Lynn Canal, AK	1177
KRNR	OR	Roseburg	Tim Hall	Lone Pine, CA	530
KRNR	OR	Roseburg	Tim Hall	Manning Park Resort, BC	462
KBZY	OR	Salem	Shawn Axelrod	Winnipeg, MB	1250
KBZY	OR	Salem	Tim Hall	Lynn Canal, AK	1073
KBZY	OR	Salem	Tim Hall	Chester, CA	333
WESB	PA	Bradford	Barry McLarnon	Ottawa, ON	274
WESB	PA	Bradford	Gary Siegel	Toledo, OH	255
WAZL	PA	Hazleton	Steve Francis	Alcoa, TN	558
WJNA	PA	Johnstown	Steve Francis	Alcoa, TN	418
WNTJ	PA	Johnstown	Jeff Falconer	Clinton, ON	265
WLPA	PA	Lancaster	Jeff Falconer	Clinton, ON	365
WLPA	PA	Lancaster	Tim Hall	Bovina, NY	173
WBCB	PA	Levittown	Morris Sorensen (SK)	Kirkland Lake, ON	609

					21
WBCB	PA	Levittown	Steve Francis	Alcoa, TN	583
WMRF	PA	Lewistown	Niel Wolfish	Toronto, ON	228
WMRF	PA	Lewistown	Russ Edmunds	Parsippany, NJ	185
WMGW	PA	Meadville	Andy Rugg (SK)	Nuns' Island, QC	424
WMGW	PA	Meadville	Russ Edmunds	Kinnelon, NJ	304
WNBT	PA	Wellsboro	Gary Siegel	Toledo, OH	323
WNBT	PA	Wellsboro	Charles Reh	Leamington, ON	271
WVGB	SC	Beaufort	Barry McLarnon	Ottawa, ON	932
WVGB	SC	Beaufort	Russ Edmunds	Blue Bell, PA	613
WGCD	SC	Chester	Frank Wheeler (SK)	Erie, PA	513
WMRB	SC	Greenville	Jeff Falconer	Clinton, ON	608
WMRB	SC	Greenville	Steve Francis	Alcoa, TN	110
WSDC	SC	Hartsville	Russ Edmunds	Little Silver, NJ	515
KFCR	SD	Custer	Tim Hall	US 6/50 at NV/UT Border, UT	629
KORN	SD	Mitchell	Charles Reh	Leamington, ON	788
KORN	SD	Mitchell	Tim Hall	US 6/50 at NV/UT Border, UT	889
WOPI	TN	Bristol	Andy Rugg (SK)	Montreal, QC	760
WOPI	TN	Bristol	George Santulli	Cranford, NJ	507
WDXB	TN	Chattanooga	Carl Dabelstein	Lincoln, NE	737
WJOC	TN	Chattanooga	Barry McLarnon	Ottawa, ON	870
WCSV	TN	Crossville	Russ Edmunds	Blue Bell, PA	606
WCSV	TN	Crossville	Charles Reh	Leamington, ON	440
WITA	TN	Knoxville	Jeff Falconer	Clinton, ON	545
WROL	TN	Knoxville	Gary Siegel	Toledo, OH	395
WCOR	TN	Lebanon	Kraig Krist	Manassas, VA	512
WJJM	TN	Lewisburg	Neil Kazaross	Barrington, IL	470
WDXL	TN	Lexington	Carl Dabelstein	Lincoln, NE	574
KNOW	TX	Austin	Frank Merrill	Milan, MI	1130
KBST	TX	Big Spring	John Johnson	Sheridan, WY	915
KQTY	TX	Borger	Shawn Axelrod	Winnipeg, MB	990
KQTY	TX	Borger	Tim Hall	US 6/50 at NV/UT Border, UT	735
KWMC	TX	Del Rio	Tim Hall	Lordsburg, NM	510
KHVL	TX	Huntsville	Tim Hall	Houston, TX	69
KLNT	TX	Laredo	Tim Hall	Fort Stockton, TX	312
KZZN	TX	Littlefield	Shawn Axelrod	Winnipeg, MB	1120
KZZN	TX	Littlefield	Neil Kazaross	Barrington, IL	957
KPLT	TX	Paris	Tim Hall	Houston, TX	288
KDOK	TX	Tyler	Steve Francis	Alcoa, TN	690
KVWC	TX	Vernon	Tim Hall	US 6/50 at NV/UT Border, UT	884
KWUD	TX	Woodville	Tim Hall	Houston, TX	88
KVOG	UT	Ogden	Nancy Johnson	Aberdeen, WA	707
KZEZ	UT	Santa Clara	Tim Hall	US 6/50 at NV-487, NV	140
KCPX	UT	Spanish Valley	Tim Hall	US 6/50 at NV/UT Border, UT	251
WKVT	VT	Brattleboro	Niel Wolfish	Burnt River, ON	331
WKVT	VT	Brattleboro	Russ Edmunds	Blue Bell, PA	233
WFAD	VT	Middlebury	Gary Siegel	Toledo, OH	551
WFAD	VT	Middlebury	Jeff Falconer	Clinton, ON	419
WIKE	VT	Newport	Charles Reh	Leamington, ON	580
WIKE	VT	Newport	Russ Edmunds	Blue Bell, PA	366
WCVA	VA	Culpeper	Andy Rugg (SK)	Montreal, QC	535
WCVA	VA	Culpeper	Marc DeLorenzo	Hyannis, MA	463
WPAK	VA	Farmville	Russ Edmunds	Blue Bell, PA	258
WVEC	VA	Hampton	Barry McLarnon	Ottawa, ON	577
WVEC	VA	Hampton	Marc DeLorenzo	Hyannis, MA	457
WAYB	VA	Waynesboro	Steve Francis	Alcoa, TN	323
KBRO	WA	Bremerton	Tim Hall	US 6/50 at NV/UT Border, UT	728
KBRO	WA	Bremerton	Tim Hall	Manning Park Resort, BC	167
KVAC	WA	Forks	Tim Hall	Radium Hot Springs, BC	419
KEYG	WA	Grand Coulee	MB DXPedition	Valhalla Beach, MB	1021
KEYG	WA	Grand Coulee	Tim Hall	US 6/50 at NV/UT Border, UT	657
KWOK	WA	Hoquiam	Richard E. Wood (SK)	Hilo, HI	2582
KWOK	WA	Hoquiam	Tim Hall	Chester, CA	479

KWOK	WA	Hoquiam	Tim Hall	Vancouver, BC	166
KLOG	WA	Kelso	Tim Hall	Lynn Canal, AK	1003
KLOG	WA	Kelso	Mike Hardester	Modesto, CA	594
KLOG	WA	Kelso	Tim Hall	Vancouver, BC	221
KYNR	WA	Toppenish	Tim Hall	Juneau, AK	1013
KYNR	WA	Toppenish	Tim Hall	US 6/50 at NV/UT Border, UT	598
KYNR	WA	Toppenish	Tim Hall	Denny and Hunter Islands, BC	513
KTEL	WA	Walla Walla	Tim Hall	US 6/50 at NV/UT Border, UT	529
KTEL	WA	Walla Walla	Tim Hall	Jasper, AB	473
WSWW	WV	Charleston	Barry McLarnon	Ottawa, ON	570
WSWW	WV	Charleston	Neil Kazaross	Barrington, IL	434
WTCS	WV	Fairmont	Jeff Falconer	Clinton, ON	295
WTCS	WV	Fairmont	Russ Edmunds	Blue Bell, PA	262
WAEY	WV	Princeton	Russ Edmunds	Blue Bell, PA	369
WSGB	WV	Sutton	Russ Edmunds	Blue Bell, PA	313
WGEZ	WI	Beloit	Russ Edmunds	Blue Bell, PA	732
WLCX	WI	La Crosse	Gary Siegel	Toledo, OH	415
WLFN	WI	La Crosse	Barry McLarnon	Ottawa, ON	767
WIGM	WI	Medford	Steve Francis	Alcoa, TN	728
WOSH	WI	Oshkosh	Jeff Falconer	Clinton, ON	349
WYTL	WI	Oshkosh	Neil Kazaross	Schenectady, NY	738
KIML	WY	Gillette	Gene Allen (SK)	Vallejo, CA	985
KUGR	WY	Green River	Shawn Axelrod	Winnipeg, MB	817
KUGR	WY	Green River	Tim Hall	Chula Vista, CA	739
KJNT	WY	Jackson	Tim Hall	US 6/50 at NV/UT Border, UT	349
KOJO	WY	Laramie	Phil Bytheway	Seattle, WA	935
KGOS	WY	Torrington	Shawn Axelrod	Winnipeg, MB	625
KGOS	WY	Torrington	Tim Hall	US 6/50 at NV/UT Border, UT	556
CJPR	AB	Blairmore	Shawn Axelrod	Winnipeg, MB	795
CJPR	AB	Blairmore	Tim Hall	Lake MacDonald, MT	110
CFWB	BC	Campbell River	Shawn Axelrod	Cardinal Divide, AB	388
CKGO	BC	Hope	Nancy Johnson	Aberdeen, WA	199
CKOO1	BC	Oliver	Nancy Johnson	Aberdeen, WA	250
CKOO1	BC	Oliver	Tim Hall	Banff, AB	221
CHPG	BC	Prince George	Phil Bytheway	Seattle, WA	438
CKEN	NS	Kentville	Russ Edmunds	Little Silver, NJ	601
CHVR2	ON	Arnprior	Niel Wolfish	Coe Hill, ON	82
CHYM	ON	Kitchener	John Wilkins	West Des Moines, IA	691
CHYM	ON	Kitchener	Jeff Falconer	Clinton, ON	64
CFPS	ON	Port Elgin	Shawn Axelrod	Winnipeg, MB	825
CFPS	ON	Port Elgin	Russ Edmunds	Blue Bell, PA	430
CKLR	QC	L'Annonciation	Charles Reh	Leamington, ON	490
CKBM	QC	Montmagny	Joe Kureth (SK)	Uniontown, MD	606
CJMC	QC	Ste-Anne-des-Monts	Joe Kureth (SK)	Uniontown, MD	839
CJSN	SK	Shaunavon	Tim Hall	US 6/50 at NV/UT Border, UT	780
CJSN	SK	Shaunavon	Tim Hall	Jasper, AB	472
XEAQ	MEX	Agua Prieta, SO	Tim Hall	Willcox, AZ	69
XECJC	MEX	Ciudad Juarez, CH	Phil Bytheway	Seattle, WA	1384
XESK	MEX	Ciudad Ruiz, NA	Pete Taylor	Cabo San Lucas, BCS	316
XEDR	MEX	Guaymas, SO	Tim Hall	Poway, CA	503
XEMS	MEX	Matamoros, TA	Pete Taylor	Cabo San Lucas, BCS	803
XEFF	MEX	Matehuala, SLP	Tim Hall	Junction, TX	476
XEGT	MEX	Zamora, MC	Tim Hall	10 mi W of Mazatlan, Sin	361
CMDH	CUB	Mayari	Don Trelford (SK)	Runaway Bay, Jamaica	185
WMDD	PR	Fajardo	Hank Holbrook (SK)	Chevy Chase, MD	1600
WDEP	PR	Ponce	Shawn Axelrod	Marigot, St. Martin	231
ZYH246	BRZ	Penado, AL	NF DXPedition	Cappahayden, NF	4082
ZYK769	BRZ	Penapolis, SP	NF DXPedition	Cappahayden, NF	4728

NF DXPedition #2 = Jean Burnell, David Clark, Mark Connelly, Bruce Conti, Neil Kazaross and Jim Renfrew.

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

# The National Radio Club

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

**NRC Board of Directors:** Bill Hale <w\_r\_hale@sbcglobal.net> – 6124 Roaring Springs Drive, North Richland Hills, TX 76180-5552; Wayne Heinen, Chairman <amlog@nationalradioclub.org> – 4131 S. Andes Way, Aurora, CO 80013-3831; Dave Schmidt <NRCMusings@aol.com> – 49 N. Sumner St., York PA 17404; Dick Truax, Treasurer <K9RT@aol.com> – P. O. Box 39451, Louisville, KY 40233-9451.

**DX News** – David Yocis, Publisher/Editor <NRCDXNews@gmail.com> – 9412 Ferry Landing Court, Alexandria, VA 22309; 202-415-3011 [leave voice mail]. (Send only material for publication in *DX News*.)

**Subscriptions and Renewals:** NRC members may choose to receive our print publication (*DX News*), e-DXN (including online access to the .pdf version of *DX News*), or both.

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

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

## Mailing Address for All Subscriptions, Renewals, and Publications Orders:

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

- New subscriptions and renewals for DX News and e-DXN.com.
- Subscription or delivery problems for DX News.
- Changes of address for DX News.
- All NRC Publications orders.

National Radio Club  
PO Box 473251  
Aurora, CO 80047-3251  
<amlog@nationalradioclub.org>

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

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

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



*DX News* is printed by

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

All your printing needs – including SWL and Amateur QSL Cards

National Radio Club  
P.O. Box 473251  
Aurora, CO 80047 – 3251

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