

DX News

Serving Medium Wave DXers since 1933

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Membership News: We recently learned (via Skip Dabelstein) that longtime NRC member Bob McCoy N0SCE, of Lincoln NE, passed away on January 3 of this year from injuries sustained in an auto accident the previous month. Bob was 74 and, along with Ernie Wesolowski, Skip Dabelstein, and the late Neal Zank, hosted the 1977 and 1992 NRC conventions. Our condolences to his family and DX friends.

Speaking of Skip and Ernie, Skip passes along the good news that Ernie Wesolowski has been named by the governor of Nebraska as an Admiral in the Great Navy of the State of Nebraska. Despite the humorous title, this is a significant recognition of the many volunteer and civic contributions that Ernie has made to our community – not to mention all his work on NRC conventions over many years. Congratulations to Ernie! (For more info on the award, [click here.](#))

Ben Dangerfield Estate Sale: Russ Edmunds has been in touch with Dorothy Dangerfield, Ben's widow, about Ben's DX equipment. A number of items are available for sale via Russ; please see page 17 for a complete list and details about how to proceed if you have any interest.

Milwaukee-Madison Get-Together: This annual all-band radio hobby event, popular among NRC members, was cancelled (like many other things) in 2020 but is on for Saturday, August 21 this year. See page 22 for details and RSVP information.

From the Publisher: Wayne will be back with membership and *AM Log* updates next time.

Volume 88 DXN Schedule

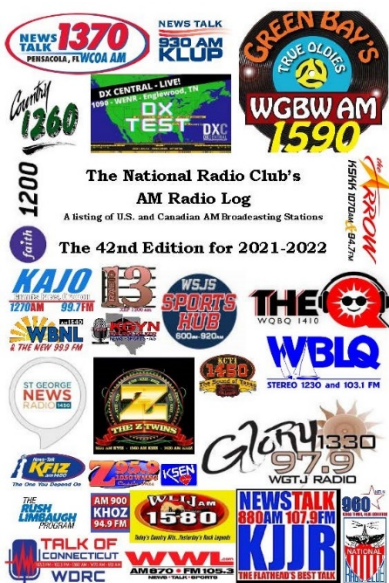
No	D'dline	Print	No	D'dline	Print
19	Aug. 15	Aug. 24	20	Sept. 12	Sept. 21

NRC AM Radio Log – 42nd Edition

Now accepting preorders for shipment August 2021

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

Order by snail mail by check or money order in US funds, Colorado Residents please add 8% Sales tax (or your local Colorado 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
 Canadian info – Compiled by Shawn Axelrod, Dan Sys, and Jon Pearkins
 NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org
 NRC AM Log data mining provided by Shawn Axelrod and Bill Hale

FCC and CRTC Decisions and Applications

CALL CHANGES

820 WMTT NY **Horseheads** – Call change to WPGO (June 28).
 940 KFIG CA **Fresno** – Call change to KYNO (July 19).
 1400 WCOH GA **Newnan** – Call change to WRZX (July 9).
 WINC VA **Winchester** – Call change to WZFC (June 30).
 1430 KYNO CA **Fresno** – Call change to KFIG (July 19).
 1460 WZMF PA **Tunkhannock** – Call change to WGMM (July 7).
 1540 WACA MD **Wheaton** – Call change to WDON (July 12).



STATIONS GOING DARK

1320 WHIE GA **Griffin** – License cancelled June 21; station had requested cancellation in March 2020.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs completed; awaiting final licensing (usually being used on the air):

700 KDAZ NM **Albuquerque** – Granted program test authority to use CP with U1 450/55 ex-730 kHz, existing site.
 770 WVNN AL **Athens** – Applies for license to cover CP with D1 7000, existing day site, corrected coordinates 34-45-02/86-47-58.
 1240 KDEC IA **Decorah** – Applies for license to cover CP to move to tower of share-time KWLC-1240 at 43-18-35/91-48-30; no change to share-time arrangement.
 1400 WKEW NC **Greensboro** – Applies for license to cover CP with U1 760/760, new site (triplexed with WPET-950 and WEAL-1510) 36-03-42/79-47-35; also applied for program test authority.
 1430 WKOX MA **Everett** – Applies for license to cover CP with U1 2500/26, new site (diplexed with WROL-950) at 42-26-09/70-59-35; also applied for program test authority.
 1490 KPCQ ID **Chubbuck** – Applies for license to cover CP for U1 750/1000, new site (diplexed with KHLY-1440) 42-56-43/112-24-57.

CPs granted:

720 WHYF PA **Shiremanstown** – Granted CP with D1 2500, new site (diplexed with WHP-580) at 40-18-12/76-57-14.
 1010 KXEN MO **St. Louis** – Granted CP with U1 160/14, new site (current STA site) at 38-38-09/90-11-45.
 1100 KFAX CA **San Francisco** – Granted CP to rebuild towers on roof of new building.
 1250 KKDZ WA **Seattle** – Granted CP with U2 5000/5000, CoL to Kent WA, day pattern from 0300-LSS, new site (former KMIA-1210 towers) at 47-18-01/122-11-19.
 1330 WHGM MD **Havre de Grace** – Granted CP with U1 3900/18, existing site.
 1350 WEGA PR **Vega Baja** – Granted CP with U4 360/2200, existing site.

Modification of existing CP granted:

1500 WAKE IN **Valparaiso** – Has CP with U8 250/8 (ch 190), CoL to Hobart IN; granted change to U5 250/11, still in Hobart IN, adjust coordinates of new site to 41-32-21/87-17-59.

Applications for CPs received:

620 WZON ME **Bangor** – Applies for CP with U1 5000/620, adjust coordinates to 44-49-47/68-47-02.
 640 CBN NL **Grand Falls-Windsor** – Applies for CP to move to 93.3 MHz FM.
 950 CKNB NB **Campbellton** – Applies for CP to move to 100.7 MHz FM.



- 970 KHAVN TX **Fort Worth** – Applies for with U1 600/240, new site (diplexed with KKGGM-1630) at 32-48-36/97-07-24.
- 1290 WPVD RI **Providence** – Applies for CP with U1 400/16, adjust coordinates to 41-51-22/71-26-44.
- 1440 WNPV PA **Lansdale** – Applies for CP with U1 250/23, existing site, adjust coordinates to 40-14-18/75-18-57.
- 1550 WRHC FL **Coral Gables** – Applies for CP with U4 1000/100, CoL to Doral FL, new site (diplexed with WWFE-670) 25-51-58/80-28-54; replaces CP to move to Doral with higher power that is expiring; has been operating from this site with STA.

CPs expired unbuilt and deleted:

- 930 WMGR GA **Bainbridge** – CP with D1 5000 expired and deleted; remains U2 5000/500.
- 1060 KRCN CO **Longmont** – CP with U1 50000/105 expired and deleted; remains U1 50000/111.
- 1190 WWIO GA **Saint Marys** – CP with U1 2500/85 expired and deleted; remains D1 1800.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 790 WLBE FL **Leesburg-Eustis** – Granted STA, U1 5000/250, lightning damage.
- 920 KYFR IA **Shenandoah** – Granted STA, U4 3500/2500, but is now back to regular power.
- 930 WMGR GA **Bainbridge** – Granted STA, D1 5000, damage to night pattern.
- 1160 WBQN PR **Barceloneta-Manati** – Granted STA, U5 1500/2800 from CP site.
- 1310 KDLS IA **Perry** – Granted STA, U1 125/125, damage from 2020 derecho.
- 1350 WZKO FL **Fort Myers** – Granted STA, U1 250/150, lightning damage.
- 1450 WDXR KY **Paducah** – Granted STA, U1 125/125, 170' LW at licensed site, tower damage.
- 1480 WDYS IL **Geneva** – Granted STA, D1 250 from CP site to conduct tests.
- 1560 WFME NY **New York** – Granted STA, U1 12500/12500 from WNSH/WFMU (FM) tower.
- 1590 KLIV CA **San Jose** – Granted STA, U1 500/500 from KVVN-1430 tower.

Applications for STAs received:

- 1270 WHLD NY **Niagara Falls** – Applies for STA, parameters at variance, phase monitor repair.
- 1530 WCKG IL **Elmhurst** – Applies for STA, D1 190, has lost one tower.

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

- 560 WHYN MA **Springfield** – Granted STA extension, minor parameters at variance.
- 660 KGSV CA **Oildale** – Granted STA extension, U1 2000/1500.
- 780 KCEG CO **Fountain** – Granted STA extension, U1 475/180, 42.7 m LW 38-49-08/104-46-32.
- 790 KEJY CA **Eureka** – Granted STA extension, U1 500/110 from KWSW-980 tower.
- 860 WDMG GA **Douglas** – Granted STA extension, U1 1000/28 as in CP.
- 890 KJME CO **Fountain** – Granted STA extension, U1 1000/11, 42.7 m LW 38-49-08/104-46-32.
- 910 KECR CA **El Cajon** – Granted STA extension, U4 1870/5000, night pattern 24 hours.
- 920 KDHL MN **Faribault** – Granted STA extension, U1 1250/1250.
- 950 WORD SC **Spartanburg** – Granted STA extension, parameters at variance or U1 CP.
- 1030 WONQ FL **Oviedo** – Granted STA extension, U1 45000/425.
- 1070 WCSZ SC **Sans Souci** – Granted STA extension, U1 2000/375.
- 1080 WUFO NY **Amherst** – Granted STA extension, D1 1000 from WECK-1230 tower.
- 1090 KAAV AR **Little Rock** – Granted STA extension, U1 50000/12500.
- 1180 WFYL PA **King of Prussia** – Granted STA extension, D1 300, whip at 40-09-27/75-24-13.
- 1220 KHTS CA **Canyon Country** – Granted STA extension, U1 250/125.
- WREV NC **Reidsville** – Granted STA extension, reduced tower height.
- 1230 WLNR NC **Kinston** – Granted STA extension, reduced power.
- 1250 KKDZ WA **Seattle** – Granted STA extension, U1 5000/1250 from licensed day site.
- 1270 KIML WY **Gillette** – Granted STA extension, U1 1000/40 as in CP.
- 1310 WADB NJ **Asbury Park** – Granted STA extension, U1 625/250.
- 1330 KNSS KS **Wichita** – Granted STA extension, U1 2500/1000.
- WHGM MD **Havre de Grace** – Granted STA extension, U1 10/10, whip at 39-33-02/76-05-30.
- WENA PR **Yauco** – Granted STA extension, U1 500/350, 185' LW at CP site.
- 1370 WLTH IN **Gary** – Granted STA extension, D1 1000.
- 1450 WLAY AL **Muscle Shoals** – Granted STA extension, U1 60/60, 24m LW 34-44-14/87-42-15.
- 1480 KNTB WA **Lakewood** – Granted STA extension, U1 250/65, 26m LW at 47-09-52/122-30-19.
- 1540 KGBC TX **Galveston** – Granted STA extension, U1 625/127.
- 1570 WHTX OH **Warren** – Granted STA extension, U1 750/170 as in CP.
- 1580 WNYG NY **Patchogue** – Granted STA extension, U1 10000/125.
- 1590 WVNA AL **Tuscumbia** – Granted STA extension, U1 500/50, 45m LW at 34-40-27/87-42-46.

Applications to extend previously granted STAs received from WYEL-600 Mayagüez PR, WIOD-610 Miami FL, WZON-620 Bangor ME, WWFD-820 Frederick MD, WOAY-860 Oak Hill WV, KKLS-920 Rapid City SD, WJCF-990 Muncie IN, WKQK-1300 Cocoa Beach FL, WDMJ-1320 Marquette MI, WWWL-1350 New Orleans LA, WLRM-1380 Millington TN, WPLM-1390 Plymouth MA, KRGI-1430 Grand Island NE, WNPV-1440 Lansdale PA, WBRN-1460 Big Rapids MI, WVGB-1490 Beaufort SC, KMPG-1520 Hollister CA, KKCL-1550 Golden CO, WRHC-1550 Coral Gables FL, WCNW-1560 Fairfield OH, KVTA-1590 Ventura CA, WFBF-1590 Glen Burnie MD, and KOHI-1600 Saint Helens OR.

Applications to extend previously granted STAs were dismissed for WTLC-1310 Indianapolis IN and WAKE-1500 Valparaiso IN.

SILENT STATIONS

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

- 660 KGSV CA Oildale – Silent Jan. 11; on the air with STA June 15.
- 930 KCCC NM Carlsbad – Silent Jan. 11; back on the air June 1.
- 1060 KXPL TX El Paso – Silent June 30, 2020; back on the air June 21.
- 1310 KKZI CA Barstow – Silent Mar. 24; on the air with STA July 14.
- 1590 KLIV CA San Jose – Silent July 15, 2020; on the air with STA July 11.



Stations informing the FCC that they are silent:

- 950 WYWY KY Barbourville – Silent since Aug. 1, 2020 due to Covid-related finances; not reported to FCC until now but plans to return to the air temporarily soon.
- 1190 WWIO GA St. Marys – Silent May 25; transmitter failure.
- 1440 WRED ME Westbrook – Silent July 7; waiting for transmitter parts.
- 1460 KARR WA Kirkland – Silent June 10; financial reorganization.
- 1500 WAKE IN Valparaiso – Silent July 15; financial issues.

COORDINATE CORRECTION

- 1550 WKTF GA Vienna – Applies for CP to correct coordinates to 32-07-47/83-47-44.

NRC AM Log Updates

All the latest updates will be published in the new (42nd) edition of the NRC AM Radio Log which will be out in the next few weeks.

Domestic DX Digest – East

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

Loggings of U.S. and Canadian stations by Dxers in the Eastern & Atlantic time zones
All times are Eastern Local Time (ELT)

REPORTERS

- LB-NY Linda Brodsky, Malverne – Sangean PR-D5
- GMC-NC Gerry Conkling, Angier – C. Crane 2E
- 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.
- PS-ON Paul Snider, London – Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C tuner
- JW-PA Jim Weber, Oyster Point – Grundig S350, Sony ICF-2010
- 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 View me on Instagram! **Brookermike**

DX TEST

- 1360 WNJC NJ Washington Township – 7/4 2100 – In multi-station mix (WKMI, WSAI, WHNR, UNID other singing and other talk) with “WNJC” jingle and female with announcement of the DX Test. Morse code IDs, long tones, sweep tones, bubble up tones and changing pitch tones. Beginning at 2300 noted more than

one item at the same time. For example, Morse code IDs and changing pitch tones or Morse code IDs and long tones. These were repeated until I stopped listening at 0220. Thanks to WNJC CE Duke Hamann for doing the special 4th of July DX Test. **(KK-VA)**

LOGGINGS

- 600 WICC CT **Bridgeport** – 7/1 0104 – Out of nowhere heard the distinct call letters “WICC.” After that everything faded. I had to null a Spanish station most likely coming from Cuba. ESPN sports station on top of frequency most of the time. **(GMC-NC)**
- WCAO MD **Baltimore** – 7/1 0107 – First time heard down here, a regular when I lived in Greenbelt, MD. Heard call letters W-C-A-O spoken by a male with call letters given one at a time. Didn’t hear their usual “Heaven 600” slogan. WSJS in Winston-Salem has a much weaker signal than they used to have here. **(GMC-NC)**
- 1090 KAAV AR **Little Rock** – 7/9 0431 – After two hours of really pretty religious music, noted “KAAV” ID and a promo for a religious organization. Mixing with WBAL most of the evening but excellent signal and alone at the end. **(GMC-NC)**
- 1120 WBNW MA **Concord** – 7/10 0417 – Came up over WKAJ with Red Eye Radio, Dan Mandis Show discussion about COVID vaccines. 0430 promo for NFL Fan of the Year, ads for Life Alert system, Wave Ventilation, Schneider Owner Operator, mentions of Red Eye Radio. 0450 ads for truck tires and other trucking related products, “world’s largest truck stop, a cancer treatment and Page Publishing at 800-501-3689. 0500 ID as “Money Matters Radio Network” ads for My Patriot Supply.com, Life Alert, National Lumber, ADT, Armstrong Advisory on Roth Conversions. **(LB-NY)**
- 
- WKAJ NY **St. Johnsville** – 7/10 0250 – In the clear from with oldies format. Several IDs and station promos heard including one at 0250 for their sister station: “WCSS 1490 serving Montgomery County since...” Then at 0256: “You want ‘em, you got em, oldies at... and 106.9 FM.” At 0300: “10,000 watts of AM power.” At 0312 “Rediscovering song, it’s Raiders of the Lost Hit Weekend.” **(LB-NY)**
- WKQW PA **Oil City** – 6/23 2325 – On after sunset with Fox Sports Radio under KMOX, sports talk, Fox Sports Radio mentions. Poor to very poor. **(PS-ON)**
- 1240 WGVA NY **Geneva** – 7/4 2335 – Ad for Coast to Coast AM. ID as “106.3, 1240 WGVA.” **(HJH-PA)**
- 1340 WOUB OH **Athens** – 7/2 2354 – Jazz music in station mix, “This is PRX remix” at 0059 which was // to Simple Radio stream (a few seconds behind live broadcast). Unfortunately, no ToH ID heard. Poor to very, very poor with WCHB and unknown sports station. **(PS-ON)**
- 1360 WYOS NY **Binghamton** – 6/27 2200 – ID at the top of the hour with Sports Radio slogan. Popping in a bit thereafter. **(JW-PA)**
- 1460 WBRN MI **Big Rapids** – 6/30 2305 – News, “News Radio WBRN” ID at 2306. Poor to very poor with WKAM and unknown oldies station. First time heard at this location. **(PS-ON)**
- WBUC WV **Buckhannon** – 6/21 2200 – Fair with country music. ID as “WFGM 93.1” PSA with Covid info. **(HJH-PA)**
- 1540 WWGK OH **Cleveland** – 6/19 2345 – On after sunset (I have had suspicions for a while that this was them as I have heard sports talk here often, but only heard ESPN ID tonight) ESPN mentions, sports talk // to ESPN online stream. Only ESPN affiliate I could see on 1540. Poor to very poor under KXEL and CHIN. **(PS-ON)**
- 1570 WYTI VA **Rocky Mount** – 7/12 0329 – This station occasionally is heard in the afternoons on their day power over WNCA in Siler City, NC. Noted “WYTI” ID and into C&W song on night power 220 watts, 174 miles away. Clear but weak signal. **(GMC-NC)**
- 1590 WGBW WI **Denmark** – 7/1 0000 – Caught part of ToH ID “True Oldies 1590,” then lost to WCGO. Very poor. First time heard at this location. **(PS-ON)**
- 1600 WWRL NY **New York** – 7/11 0640 – Over usual WAAM-Ann Arbor with “New York’s BIN station” and promos for the Black Information Network. WWRL used to be “Radio Zindagi,” but now for Bollywood hits New Yorkers have to go to the opposite end of the dial on WBWD-540. **(MKB-ON)**
- WRPN WI **Ripon** – 7/3 2320 – “Dazed & Confused” by Led Zeppelin, clear “...WRPN...93.1” ID at 2323, more classic rock. Poor to very poor in station mix including WTTF and WAAM. **(PS-ON)**

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: Frequency, Calls, State, City, Date and Time in frequency order, please. Send either within an email, or as an attachment in plain text or RTF. All times are Eastern Local Time (ELT)!! In some cases, minor editing may occur. Reports older than 30 days may be excluded at the editor's discretion. Your cooperation is much appreciated.
- If you wish to have your email address added to your credit line in the Reporter's area, 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, we are relieved of that responsibility.
- As the HOT, HOT, HOT weather (Whew!) affects most of us in the DDXD-West reporting area, we have some extraordinary loggings reported this Issue.
- Welcome aboard to all the new members, plus welcome back to all former and renewing members. I note that many of you live in the "DDXD-West Listening Area!" It would be great to hear from you in the way of the DX you've heard lately. A few rules apply (see above), but it's pretty straightforward. Just follow the examples seen here. One or 100 ... send them in! We're looking forward to receiving your reports!

Please observe the following upcoming deadlines for DDXD-West:
Issue 19 – Friday, August 13; Issue 20 – Friday, September 10, 2021

--- REPORTERS ---

- RA-CA René Auvray Gardena, California Receivers: 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
- RD-MT1 Rick Dau on U.S. Highway 2 near Chinook, Montana Boss AM/FM Stereo in 2004 Pontiac Sunfire
- RD-MT2 Rick Dau on U.S. Highway 2 near Rudyard, Montana Boss AM/FM Stereo in 2004 Pontiac Sunfire
- RD-NE Rick Dau South Omaha Nebraska Sony ICF-2010 receiver, Grundig AN-200 antenna
- RD-ND1 Rick Dau on North Dakota state highway 5 near Fortuna, North Dakota Boss AM/FM Stereo in 2004 Pontiac Sunfire
- RD-ND2 Rick Dau on North Dakota state highway 49 near Glen Ullin, North Dakota Boss AM/FM Stereo in 2004 Pontiac Sunfire
- RD-SD1 Rick Dau in Chamberlain, South Dakota Boss AM/FM Stereo in 2004 Pontiac Sunfire
- RD-SD2 Rick Dau on I-90 just east of Rapid City, South Dakota Boss AM/FM Stereo in 2004 Pontiac Sunfire
- RD-SD3 Rick Dau at the Bells Motor Lodge in Spearfish, South Dakota Sony ICF-2010 barefoot
- MF-CA Martin Foltz Mission Viejo, California Receivers/Antenna: HQ-180A + 75' wire; SRF-M37W
- TRH-CA Tim Hall Chula Vista, California 2014 Toyota Camry car radio
- MJ-QRO Mike Jeziorski Juriquilla, Queretaro, Mexico Receiver: ICF-2010 / Perseus; Antenna: W6LVP <mjeziorski@gmail.com>
- TK-FL Terry Krueger Niceville, Florida Receivers: IC-R75, NRD-535, ICF-7600GR; Antennas: active loop, random wire
- JP-AB Jon Pearkins Edmonton, Alberta Receivers: Sangean PR-D15, HDR-18 barefoot
- DLR-NV David Reitz Las Vegas, Nevada Receiver: Tecsun PL880; Antenna: Tecsun AN 100 loop
- JJR-MI John J Rieger L'Anse, Michigan Receiver/Antenna: 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 Receivers: Icom IC-R75, MFJ-959B tuner/preamp, Sangean ATS-909X stock; Antenna: Kiwa loop
- JW-CO John Wilkins Wheat Ridge, Colorado Receiver: Drake R-8; Antenna: 4-foot box loop



--- STATION NEWS ---

- 1140 WPNS FL Destin – Silent March 31; back on the air June 9. This one is otherwise still silent. Suspect it activated, or allegedly reactivated, for one day to keep the license valid for another year. The single stick, BTW, is just a few blocks due west of me in the swamp (not really located in Destin, just the fake City-of-License). (TK-FL) [There are 100s of “fake City-of-License” stations. Here in the DFW area, we have at least six transmitter/tower locations that differ from the “City-of-License,” including KLIF-570, KTNO-620, KSKY-660, KAAM-770, WBAP-820 and many more – Ed.]

--- UNIDS ---

- 630 unID – 7/12 0627 – Carole King’s ‘It’s Too Late’ into Moody Blues with ‘Tuesday Afternoon’ then ‘Sweet Dreams’ by Eurythmics. Signal lost in the rising sun and noise. Domestic or Mexican? Not parallel audio streams of WAIZ, KVMA, WNEG, or XEFB and XEFU (the last two with Spanish vocals). Pointing NE/SW. (TK-FL)
- 980 unID - 6/28 0534 – Poor, with CBS Sports Radio, ads: ‘Optimum Tax Relief’ and ‘Navy Federal Credit Union’ and lost. Doubt AZ or UT. NC? A format flip? (JJR-WI)
- 1470 unID 6/12 0632 – The mystery test toner is still here – daily as propagation and MA3 digital hash from WMGG permits – with 1000 Hz tone on-and-off up to at least 1100. Reminiscent of old USSR domestic shortwave pre-sign-on, for the few reading who actually recall that. (TK-FL)
- 1570 unID - 7/1 0603 – Poor, with weather and jingle: “1570 and 97-9 FM” and, of course, lost. (JJR-WI)
- 1640.38 unID - 7/12 0529 – Persistent het against XEARZ and the domestics, zero audio. Frequency estimated. (TK-FL)

--- AND UNID HELP ---

Martin Foltz of California sends help to unravel **René Auvrey’s** unIDs that appeared in Issue 17. The help comments (in **bold**) appear following the repeated loggings. **Thanks, Martin!**

- 940 unID ?? - 5/27 2256-2258 – Heard a Top 40 song that may have been from the disco era (Donna Summer?). Then KFIG Fresno starting to come through. (RA-CA)
“940 is probably XEMMM Mexicali.” (MF-CA)
- 1340 unID ?? - 5/27 0106-0107 – With what sounded like a disco track by Donna Summer, but faded into QRM. (RA-CA)
- 1340 unID ?? - 5/27 0107-0108 – QRM at first, then suddenly George Noory with ‘Coast-to-Coast’ slowly gaining strength. News items about former President Trump and the shooting in San Jose, California V.T.A. (RA-CA) [I questioned the abbreviation, but help from **Doug Smith** reveals it turns out that “V.T.A.” is Valley Transit Authority – Ed]
“1340 is either KTOX Needles CA or KTPI Mojave CA, both air Coast to Coast AM.” (MF-CA)
- 1430 unID ?? - 5/27 0109-0110 – A country station and a SS station fighting it out. Finally heard KMRB San Gabriel. Was this KMRB? (RA-CA)
“1430 KMES Ogden UT (ex-KLO) is Spanish REL. I’ve never heard KWST. I don’t know of a Country music station on 1430. Yes, KMRB is Chinese (Cantonese). KYNO is somewhat a regular in the evening with Classic Rock and Oldies, sometimes has “Wolfman Jack.” (MF-CA)

--- TIS/HAR ---

- 1650 WQYZ315 FL Mossy Head I-10 at Exit 70/SR-285 – Florida DoT. Non-log. Exited here late morning June 14, heading eastbound from Crestview. The I-10 signage remains, but **this one is silent now**, at least today. Probably always. (TK-FL)
- 1690 WRMJ769 CA Lake Forest – 7/14 1112 – This new station is now live with 14 minute long message covering many city topics. There goes 1690; owns the frequency day and night. (MF-CA)

--- DX LOGGINGS ---

- 540 KNMX NM Las Vegas – 6/22 0557 – “K-New Mexico” and Legal ID for AM/FM . . . “99.9 . . . an SBC Broadcasting Station” at 0603 and into Fox News. Poor, but no CBK. (JJR-MI)
- 580 KUBC CO Montrose – 7/7 0554 – Poor, with “. . . another hour . . . 580 KU`BC Gold, then ‘Your Love is Driving Me Crazy’ by Sammy Hagar. (JJR-MI)



- 610 KOJM MT Havre – 6/23 1956 – Very good, with lost pop music gem from 2011: ‘Steal Your Heart’ by the group Augustana, then ID. (RD-MT1)
- 660 CFFR AB Calgary – 6/23 2100 – Good, with Canadian news, lead story about 751 unmarked graves being discovered near the former Marieval Indian Residential School in Saskatchewan. Noted CBK-540 and CBR-1010 were also giving much attention to this news story. (RD-MT2)
- 680 WOGO WI Hallie – 7/1 0548 – “WOGO” jingle and an ad for a July 4th sale. Poor, over others. (JJR-WI)
- 690 WQNO LA New Orleans – 6/28 0613 – Poor, with talk of priests and bishops, then national weather in the ‘Sonrise Morning Show.’ (JJR-WI)
- 770 KATL MT Miles City – 6/22 0546 – With Kid Laroi song, then calls into another song. Poor. Alone. (JJR-MI)
- 790 WKRD KY Louisville – 6/28 0545 – Poor, with “790 WKRD, An I Heart Radio Station” between ads. Alone. Unusual. (JJR-WI)
- 790 KGHL MT Billings – 7/7 0550 – Poor–A short “KGHL” said before ‘Lucille’ by Kenny Rodgers. Poor, with others. (JJR-MI)
- 800 KQCV OK Oklahoma City – 6/27 0730 – Thought it was CKLW, but “Bott Radio” was said twice! Very poor. Announcer with a “light (a very quiet, subdued . . . not a newsreader or sports screaming, etc.) voice.” (JJR-WI)
- 800 WPCA WI Waupaca – 6/22 0542 – Weather and “. . . like us on facebook, The Foundry,” followed by a Stone Temple Pilots song. Poor, but alone. (JJR-MI)
- 800 CHAB SK Moose Jaw – 6/14 0607 – ‘Crazy on You’ by Heart, “800 CHAB” ID. Fair, with QRM. (JW-CO)
- 810 KLVZ CO Brighton – 6/21 0445-0451 – Undoubtedly the Oldies (‘Rescue Me’ by Fontella Bass) mixing with and mostly under WHB, with KGO nulled. Fading out in the breaks, and completely gone at 0451. (JP-AB)
- 850 KOA CO Denver – 6/23 0050 – Good, with Colorado Rockies baseball. One of the few stations (seemingly) that the ICF-2010 was able to get in a noisy hotel room. (RD-SD3)
- 860 WMRI IN Marion – 6/28 0501 – Poor, but cutting through WNOV, with ESPN. Only affiliate on 860. (JJR-WI)
- 870 KJMP CO Pierce – 6/23 0552 – Fair! Loud! With Hip Hop and “Jump 104-5” sweeper. Not heard in a while. (JJR-MI)
- 920 KVIN CA Ceres – 6/23 2050 – Faded up over KVEL with national ads. ID: “AM 920, FM 92.3 and now FM 107.1, the Vine KVIN” into the theme song for ‘Green Acres.’ **New with local KBAD off! (DLR-NV)** [FYI: KBAD changed to KRLV on 3/20/21 and added K296HL – Ed.]
- 920 KKLS SD Rapid City – 6/22 1859 – Strong, with Clint Black’s 1989 C&W oldie, ‘A Better Man,’ then a VERY quick “KKLS” noted in the legal ID, almost as if they were trying to avoid mentioning the AM at all. Listened to this for a good 45 minutes on I-90 before driving through Rapid City and only heard mentions of “Cowboy 104.7.” (RD-SD2)
- 920 KVEL UT Vernal – 6/23 2033 – Coast-to-Coast AM. Local ads and ID: “Newstalk 104.5 FM/920 AM, KVEL Vernal.” Local KBAD was off. (DLR-NV) [Note: KBAD changed to KNLV on 3/20/21 – Ed.] hence
- 920 KXLY WA Spokane – 6/24 0025 – Tentative, no ID heard. With ‘The Dave Ramsey Show’ // webstream, with local KBAD still off. (DLR-NV)
- 960 KFLN MT Baker – 6/21 0501-0506 – Full Fox News top of the hour package into C&W. Strong under CFAC, especially when nulling them. (JP-AB)
- 960 WTCH WI Shawano – 6/20 0613 – “WTCH takes you back!” and Classic Country. Poor, but alone. Others way more common. (JJR-MI)
- 970 KBUL MT Billings – 6/14 0459 – Social Security PSA, Legal ID for “970 AM and 95.5 FM,” “Where Montana Talks.” Fair signal. (JW-CO)
- 980 WPPF WI Park Falls – 7/12 0630 – Poor, with ‘More Than a Feeling’ by Boston. “Jack FM” over KKMS. No WCUB. (JJR-MI)
- 990 KAYL IA Storm Lake – 6/27 0627 – Poor . . . assumed as heard SS for a minute until frequency went quiet. No CBK. (JJR-WI)
- 1010 WHIN TN Gallatin – 6/28 0532 – Poor, though alone but steady. “WHIN” jingles between songs. (JJR-WI)
- 1030 WUFL MI Sterling Heights – 7/3 0621 – “myFLR.org,” “Family Life Radio” jingle into Christian music. Poor. (JJR-WI)



- 1050 KJPG CA Frazier Park – 6/26 2255 – Relevant Radio, Patrick Madrid Encore broadcast, nice ToH ID, news, back to program. Verie back. (MF-CA)
- 1050 KLOH MN Pipestone – 6/14 0517 – C&W music, “All of the greats all the time – Ten Five Oh KLOH Blazin’ Country.” Fair, mixing with CJNB and XEG. (JW-CO)
- 1050 CJNB SK North Battleford – 6/14 0508 – “Saskatchewan Country CJNB” ID, followed by C&W hits. Fair, mixing with XEG and KLOH. (JW-CO)
- 1060 KGFX SD Pierre – 6/22 1435 – Very good, with Minnesota Twins baseball, talk about Cincinnati Reds first baseman Joey Votto serving a 1-game suspension. (RD-SD1)
- 1070 KNTH TX Houston – 6/19 0059 – ‘My Pillow’ ad, with KNTH promo code, then ID as “The Answer” with 103.3. Good; TX #71. (MJ-QRO)
- 1080 WKAC AL Athens – 7/14 0718 – Supertramp’s ‘Take the Long Way Home’ into Tony Joe White’s ‘Polk Salad Annie’ parallel station stream and song display scroll. Seemingly back on channel after being around 1080.115 a few weeks ago. (TK-FL)
- 1100 WISS WI Berlin – 7/1 0626 – Poor, with “The Bug” jingle, followed by ‘You Got It’ by Roy Orbison. WTAM in back, and over. (JJR-WI)
- 1110 WJML MI Petoskey – 7/1 0556 -Poor, with ads for stores in Petoskey and Sheboygan. Over KFAB. (JJR-WI)
- 1110 WGNZ OH Fairborn – 6/28 0527 – Poor, with Christian music and “Good News Radio” and “Power & Light Radio” liners. In for over 45 minutes. (JJR-WI)
- 1130 CKWX BC Vancouver – 7/11 0030-0032 – Bottom of the Hour ID as “All News Radio” into News // CFFR-660 Calgary, (through App) CFTR-860 Toronto, and, presumably, all of Rogers’ All News stations, which are scheduled to be all be “CityNews” sometime this coming Autumn (CIWW-1310 already is “CityNews Ottawa and The Valley”). Local break at 0031 for Traffic and Weather with “News 11-30” ID. (JP-AB)
- 1180 R. Martí FL Marathon – 7/3 0358 – Three faint “Radio Martí” IDs caught. Poor, under XEFR. FL #3. (MJ-QRO)
- 1190 KVCU CO Boulder -6/25 0601 – Poor, over WOWO for a few minutes. With Techo/Electronic music. Assumed. (JJR-MI)
- 1190 CFSL SK Weyburn – 6/25 1359 – Loud, of course, but with no CLs given during ‘legal’ ID, as expected. Just the usual “AM 1190” before going into newscast. From my drivers’ side window, I was close enough to Canada – a place we Americans can’t get into right now!! – to see grain elevators just over the border on the distant northern horizon. I’ve never visited Saskatchewan, and that visit will have to wait a while longer. ☹️ (RD-ND1)
- 1230 WXCO WI Wausau – 7/17 0615 – “. . . Wausau sports on SportsFan 98-9 or wxcofm.com.” Poor, in fade up. (JJR-WI)
- 1240 WSBC IL Chicago – 6/22 0635 – With ETHnic chatter and tele-talk, replacing others. Poor, but solid. Assumed (JJR-MI)
- 1250 KCUE MN Red Wing – 6/22 0633 – Very poor, with “America’s Greatest Country – Bluff Country,” replacing WJMK. (JJR-MI)
- 1270 WWCA IN Gary – 6/27 0624 – Poor, though alone. ‘Relevant Radio’ promo. No usual WMKT/others. (JJR-WI)
- 1300 WRDZ IL LaGrange – 7/1 0644 – Poor, with “Polskie Radio” mentions, music, slogan. No WOOD or KGLO. Unusual. (JJR-WI)
- 1300 KPMI MN Bemidji – 6/22 0713 – “Classic Country-AM 1300, the Legend.” Very poor through WOOD. (JJR-MI)
- 1320 WFHR WI Wisconsin Rapids – 6/21 0723 – Poor, in/out. PSA for ‘Wisconsin National Guard’ and promo for advertising on WFHR. Rare! (JJR-MI)
- 1340 KTPI CA Mojave – 6/26 2238 – Art Bell, Back in Time promo, ID, into program then faded. (MF-CA)
- 1350 WIOU IN Kokomo – 6/25 0657 – Heard “WIOU” in ad cluster, replacing WCMP. On 1350, I usually hear KRNT or one of the three on the channel from Minnesota. So it was unusual for the DX to turn East. (JJR-MI)
- 1350 WPDR WI Portage – 7/4 0605 – Poor, with others. Weather: “sunny, 92, and how to advertise.” Calls, OLDies. (JJR-WI)
- 1360 WTAQ WI Green Bay – 7/4 0630 – Poor for over two hours: “. . . this is the Brewers Radio Network.” Nice! I guess WTAQ is on the Brewers Radio Network, hi. (JJR-WI)
- 1360 WVRQ WI Viroqua – 6/21 0751 – Poor, with an OLDie by 3 Dog Night, calls, ad (too weak) and into Ag News. WTAQ nulled. Not common. (JJR-MI)
- 1360 WVRQ WI Viroqua – 7/1 0636 – Very poor, through WTAQ and WLBK. Heard calls and ‘Ain’t No Mountain High Enough’ by Diana Ross. (JJR-WI)



- 1380 KOTA SD Rapid City – 6/20 0020 – Weather forecast, ID: “. . . right now it’s 70 in Rapid City on Newstalk 1380 KOTA.” Then ‘Red Eye Radio’ with Gary McNamara network ads. ID: “Extended weather with Cole (???) on Newstalk 1380 KOTA.” Ad for Jim Bohannon show “. . . nightly on Newstalk 1380 KOTA.” **NEW over normal KLPZ Parker, AZ. (DLR-NV)**
- 1400 WQXO MI Munising – 6/20 0643 – Poor, with “. . . the Greatest Hits! 97-7 WQXO” through WCCY, others. **(JJR-MI)**
- 1410 WKKP GA McDonough – 6/18 0641 – Male liner: “. . . be sure to like us on Facebook, 100 point 9 WKKP,” into Buck Owens/Dwight Yoakam’s ‘Streets Of Bakersfield’ then ‘Let Me Be There’ by Olivia Newton-John and ‘Any Day Now’ by Ronnie Milsap. WNGL co-channel. **(TK-FL)**
- 1410 KOOQ NE North Platte – 6/23 0728 – Very poor, in WIZM fade. “Classic Hits 98.1 – 1410.” **(JJR-MI)**
- 1420 KULY KS Ulysses – 6/16 0758 – Last minute of “Power for Today” program, 0759:50 AM/FM legal ID, followed by local news, weather, obituaries, etc. Fair. **(JW-CO)**
- 1420 KTOE MN Mankato – 7/10 0159 – Atop, amidst thunderstorm static, with mentions of “1420” and “102.7” in legal ID, which nailed it. Local KOBM off at the time (as were most other Ams and FMs in Omaha/Council Bluffs) because of a nasty storm with straight line winds of over 85 mph that went through town about 45 minutes earlier. Just my second logging on 1420 at this QTH. **(RD-NE)**
- 1430 KAMP CO Aurora – 07/01 0600 – Fair signals with full ID on the hour by female, who mentioned both Aurora and Denver. Then into sports talk programming. **NEW! (SMA-MB)**
- 1430 KRGI NE Grand Island – 7/7 0606 – Nebraska mentions in ad, then “KRGI.com: followed by ‘America in the Morning.’ Poor **(JJR-MI)**
- 1430 WBEV WI Beaver Dam – 7/7 0621 – Poor, with “920 area code, or write . . . at GoodKarmaBrands.com” with others. (GKB owns WBEV). **(JJR-MI)**
- 1450 WNBY MI Newberry – 6/19 0630 – Very poor, with Detroit Tigers promo, then calls. “Jack Hall, WNBY sports.” Not common, despite closeness. **(JJR-MI)**
- 1460 KDWA MN Hastings – 6/25 0752 – PSA for a Minnesota state government agency, then “KDWA 1460 and 97.7.” Poor, with CJOY(?) in back. **(JJR-MI)**
- 1460 KKAQ MN Thief River Falls – 7/12 0657 – Poor -weak with KXNO. “KKAQ 1460 AM and 98.5 FM” into Country music. **(JJR-MI)**
- 1470 KWAY IA Waverly – 7/12 0702 – Poor, with Legal ID for AM and FM translator into Fox News, through others. **(JJR-MI)**
- 1480 KLVV TX Pasadena – 6/19 0059 – “This is 1480 KLVV Pasadena and 94.9 FM K235CS Houston.” Poor; TX #72. **(MJ-QRO)**
- 1490 WBBL MI Whitehall – 7/2 0634 – Poor, with Michigan sports, “University of Michigan on the Michigan Sports Network.” Only fit. **(JJR-WI)**
- 1490 KNDC ND Hettinger – 6/25 1935 – Very good, with Minnesota Twins baseball pre-game show interview with manager Rocco Baldelli //KLTC-1460. **(RD-ND2)**
- 1490 KZEZ UT Santa Clara – 6/28 0010 – Good signal, often on top of the channel mixing with KRKC and presumed KMET and KOSJ. Easy listening music, ID: “102.7 FM and 14-90 AM KZEZ” and PSA about extreme fire danger in Southern Utah. Audible as I drove home through San Diego and Chula Vista. At the farthest point of my trip I was 369 miles from their transmitter, beating my own GYDX record. **New, UT #49, Graveyarder #135 and station #1459 from home. (TRH-CA)**
- 1490 WLXR WI LaCrosse – 7/2 0604 – Very poor, though “. . . advertise at magnum.media” cut through. **(JJR-WI)**
- 1490 WIGM WI Medford – 6/21 0633 – Poor, with ad for ‘Taylor Electric,’ then “. . . radio tuned to WKEB 99.3 FM” and lost! Rare! **(JJR-MI)**
- 1500 WDPC GA Dallas – 6/12 0630 – Popped up while sitting on the channel, with man: “Good morning. This is WDPC, Dallas, beginning another broadcast day . . . bringing the gospel . . .” **(TK-FL)**
- 1510 KPLS CO Littleton – 7/11 0502-0507 – Dominant, in poor conditions, with two person accented English religious talk, which surprised me, as KGA Spokane has always been dominant previously, despite their meagre 540 Watts. Two stations heard under KPLS, one playing pop music but too weak to even be sure the language of the vocals, and the other fading in and out, doing News or Sportscasts, likely KGA as WLAC would still have been on night pattern until 0545, which has a deep null in my direction, for KGA. **(JP-AB)**



- 1520 WKVI IN Knox – 7/17 0656 – Poor, with “Indiana” mentions in two PSAs. Clear “Knox” heard. C&W. Rare! (JJR-WI)
- 1520 KOLM MN Rochester – 7/3 0700 – Very poor, with Legal ID, then Sports Talk. With others. Not heard in a long time. (JJR-WI)
- 1550 KICS NE Hastings – 7/2 2159 – Fair, with ESPN programming, then into legal ID that included legendary Nebraska football radio voice Lyle Bremser calling Johnny Rodgers’ 1971 punt return touchdown vs. Oklahoma: “HOLY MOLEY! Man, woman, and child, did that put ‘em in the aisles!,” and a brief “KICS Hastings, KXPN Kearney” ID. I heard this back in 2002 when I lived in west Omaha, but this is the first time at this QTH – KLNG, which normally wipes out any hope of hearing KICS here, was still off. (RD-NE)
- 1550 WEVR WI River Falls – 6/25 0758 – Very poor, with quick “. . . in River Falls,” then lost just as quick, going back to WHIT. (JJR-MI)
- 1570 WBGX IL Harvey – 6/19 0537 – With preacher giving Chicago-area references, churches and chapels. Poor, but alone. (JJR-MI)
- 1570 WBGX IL Harvey – 7/1 0613 – Poor, with talk between two pastors, and “Chicagoland” mentions. Lost to WFUR. (JJR-WI)
- 1570 KNDY KS Marysville – 7/2 2116 – Faint, but in there, with Eddie Rabbit C&W oldie “American Boy” off satellite, chatter by a DJ named Dave, then ID as “Where the Legends of Country Play, 94.1 KNDY.” KLNG-1560 off at the time. Kansas #47 here. (RD-NE)
- 1570 KDIZ MN Golden Valley – 6/21 0704 – Poor, until lost. Contest rules for ‘Salem Media.’ No WLKD. Rare (JJR-MI)
- 1570 KVTX SD Vermillion – 7/2 2157 – Fair, under KBCV, with Chicago Cubs baseball, ad for Phinney’s Pub and Casino in Yankton. South Dakota #27 here. (RD-NE)
- 1570 WSCO WI Appleton – 6/20 0623 – Poor, with discussion on home runs. Slogan: “95-3 and 99-1 The Score.” No WLKD. (JJR-MI)
- 1580 KBLA CA Santa Monica – 7/3 2340 – New format, slogan is “KBLA Talk 15-80,” some BIN programming. (MF-CA)
- 1580 KKTS WY Evansville – 6/20 0340 – “KKTS Evansville” ID after about 10 minutes of partial call letter IDs and music that sounded more like soft Contemporary Country than Adult Contemporary in less than mediocre DX conditions. Was able to completely null dominant KGAL, though KKTS would fade out completely every 2-3 minutes. Real surprise was that 220 Watts from KKTS could completely eliminate my local Howl RFI on 1580. (JP-AB) [heard again the next day . . .]
- 1580 KKTS WY Evansville – 6/21 0412-0421 – Syndicated/network Adult Contemporary music with female announcer, then long break at 0416, beginning with 60 second ‘Eugenics’ ad, “KKTS News Update” at 0417:30 and local weather fading out. Faded in at 0419 with local Time Check into Entertainment News with Peter Osborne from tv.com. Pet adoption PSA at 0420 then back to AC with very clear signal with antenna South, nulling KGAL. (JP-AB)
- 1590 KVTR CA Victorville – 7/13 2215 – Tuned in to Spanish songs under KVTA talk, a couple of “Que Buena” slogans heard before losing to KVTA at 2230. No call ID heard, but matches their slogan and still light out here. Haven’t heard them in a long time. (MF-CA)
- 1590 WHLX MI Marine City – 7/4 0528 – Poor, though I heard yesterday, but today “92-7 WHLX” with others. (JJR-WI)
- 1590 WPVL WI Platteville – 7/3 0653 – With ESPN fare, through WGCO and possibly WHLX. No WAKR. Very poor. Assumed. (JJR-WI)
- 1660 KBRE CA Merced – 6/24 0116-0120 – Mentioned “Metallica” and heard ads for ‘Staples,’ ‘U.S. Army’ and businesses in Atwater and Merced. Good, with QRM. Logged as an unID earlier this year. Verified as heard mention of simulcast on 105.7 FM. (RA-CA) [that ‘105.7’ is K289CB Los Banos – Ed.]
- 1660 WTOU MI Kalamazoo – 6/26 0602 – Urban vocals, man: “95.5 The Touch.” Still a regular here, suspect day power on my log times. (TK-FL)
- 1680 WTTM NJ Lindenwold – 6/26 0507 – Poor, but steady Spanish, // stream. WPRR nowhere. (JJR-MI)
- 1690 WPTX MN Lexington Park – 6/26 0506 – Calls and Engelbert Humperdinck’s ‘After the Lovin.’ Poor. . . no WVON. (JJR-MI)

International DX Digest

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

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

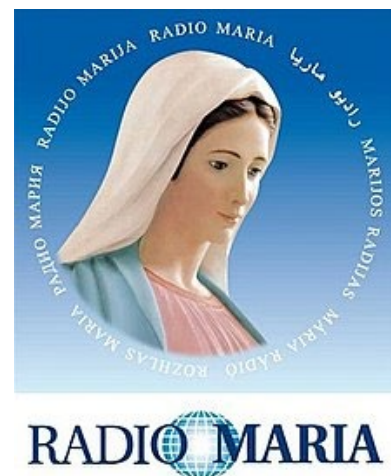
All times are Universal Coordinated Time (UTC)

PAN-AMERICAN DX

- 550 **HONDURAS** HRXT, *ABC Radio*, Tegucigalpa JUN 20 0457 – “ABC Radio, aportando orientación a la familia hondureña; ABC Radio, reinventando la radio en Honduras”; fair; country #6. [Jeziorski-QRO]
- 570 **CUBA** *R.Reloy*, Santa Clara JUN 20 0457 – Morse code RR every minute; very poor; Cuba #5. *R.Reloy* also logged on 860, 870, 950, and 1210 via Morse code with little else heard. [Jeziorski-QRO]
- 610 **CUBA** *R.Rebelde*, multiple sites JUN 29 0601 – “Rebelde, emisora de la revolución”; ©or; Cuba #16. [Jeziorski-QRO]
- 630 **MEXICO** XEPBGJ *Jalisco Radio*, Guadalajara, Jal. JUL 13 1050 – Soft, classical music woodwind instrumentals. Quick break with man in Spanish, one more instrumental, then the highly truncated kiddie national anthem from 1100 followed by man, but quickly lost in the noise and sunrise. The next day noted with ©or©n©©© r Turkmen/Uzkek-ish chants, confirmed this one, parallel their FM stream at jaliscoradio.com. And later this morning, Tim Hall corresponds with me, “Coincidentally I was just listening to XEPBGJ last night via Mike Jeziorski’s SDR. They seem to have dropped their top-of-hour doorbell theme. That’s a shame. I was surprised to hear them use the slogan “JB Jalisco Radio,” a reference to their old calls, despite using the correct calls in their multi-station ID.” [Krueger-FL]
- 670 **CUBA** *R.Rebelde*, multiple sites JUN 25 0458 – *R.Rebelde* slogan, news report about Guantánamo, pips and anthemic music; ©or© with another Latin; Cuba #11. [Jeziorski-QRO]
- 710 **CUBA** *R.Rebelde*, multiple sites JUN 29 0459 – Pips and music parallel to 1180; poor; Cuba #13. [Jeziorski-QRO]
- 770 **MEXICO** XEML *La Ranchera*, Apatzingán, Mich. JUN 28 0105 – “La Ranchera” and 98.3 mentioned, confirmed via web parallel; fair; Mich. #13. [Jeziorski-QRO]
- 840 **MEXICO** XETHEY Tepic, Nay. JUN 25 0502 – Partial ID with clear “i-griega” and address in Tepic; poor; Nay. #2. [Jeziorski-QRO]
- 880 **CUBA** *R.Progreso*, Pinar del Río JUN 20 0458 – Tropical music and slogan ID parallel to 890; ©or; Cuba #9. [Jeziorski-QRO]
- 1060 **MEXICO** XECPAE *R.Educación*, México, DF JUL 9 1056 – ‘30s-‘40s English scat-jazz vocals, woman “Esta es Radio Educación...” into choral anthem, woman canned ID at 1104, “XECPAE 1060 de AM... Radio Educación, la radio cultural de México.” Clobbered by WKNG. Re-licensed with new calls, gone are the heritage XEEP. Status of 6185 shortwave? Not that the modulation was beyond a whisper the last few years. [Krueger-FL] JUL 13 – Heard ID with these calls instead of XEEP. ©or©n©© info from Tim Hall, the license changed hands. [Jeziorski-QRO]
- 1080 **MEXICO** XETUL *R.Mexiquense*, Tultitlán, Edo.Méx. JUL 14 1057 – ©or©n choral national anthem, followed by choral Estado de México anthem. [Krueger-FL]
- 1140 **MEXICO** XECSAL *Vive FM*, Tehuacán, Pue. JUN 22 0200 – “Vive FM 106.3”; ©or; Pue. #8. [Jeziorski-QRO]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena JUN 29 0502 – “Caracol Radio” weak but clear; poor; Colombia #2. [Jeziorski-QRO]
- 1170 **MEXICO** XERT *Ke Buena 1170*, Reynosa, Tamps. JUN 13 0912 – Running automated nonstop Mexi-tunes with no breaks, just a male “Ke Buena 1170 AM” after every two songs. Obviously, not wanting to be daytime-only. The last Mexican on 1170 kHz. [Krueger-FL]
- 1180 **CUBA** *R.Rebelde*, multiple sites JUN 29 0459 – “Rebelde” and mentions of Cuba; good over XEFR; Cuba #14. [Jeziorski-QRO]
- 1230 **MEXICO** XETVH *La Radio de Tabasco*, Cunduacán, Tab. JUN 20 0458 – “La Radio de Tabasco” and wishes for Father’s Day; fair but alone; estado #27. [Jeziorski-QRO]



- 1310 **MEXICO** XEQRMD, *W Radio*, Querétaro, Qro. JUL 13 – My nearest station has had a ☉or☉n but no audio for the past several months, leaving 1200 XEQJAL as the only currently active broadcaster in the estado of Querétaro. [Jeziorski-QRO]
- 1480 **MEXICO** XEZJ Guadalajara, Jal. JUN 25 0458 – Adult choral anthem, call ID, mention of Guadalajara; ☉or; Jal. #20. [Jeziorski-QRO]
- 1550 **CUBA** *R.Rebelde*, multiple sites JUN 29 0459 – “Rebelde,” time pips, and song parallel to 1620; poor; Cuba #15. [Jeziorski-QRO]
- 1570 **GUATEMALA** TGVE *Radio VEA*, Guatemala City JUN 20 0501 – Christian vocal music, several *Radio VEA* ID’s, COVID PSA; good with no XERF; country #8. [Jeziorski-QRO]
- 1570 **MEXICO** XERF *La Poderosa*, Cd. Acuña, Coah. JUL 13 – The big ☉or☉n this frequency had been absent for weeks, allowing the one-kilowatter from Guatemala to sneak t hrough. Recent sessions indicate that XERF has returned to air. [Jeziorski-QRO]
- 1580 **COLOMBIA** HJQZ *R.María*, Barranquilla JUN 20 0459 – Christian vocal music and *R.María* ID, then Colombian national anthem; good; country #7. [Jeziorski-QRO]
- 1620 **CUBA** *R.Rebelde*, multiple sites JUN 25 0458 – Parallel to but weaker than 670, although news report was clearer; poor/fair; Cuba #12. [Jeziorski-QRO]
- 1660 **PUERTO RICO** WGIT *Faro de Santidad*, Canóvanas JUN 25 0500 – Phone number with PR ☉or☉ code, mention of PR, “Faro de Santidad”; ☉or with 1 kW at 2250 mi; country #9. [Jeziorski-QRO]



CONTRIBUTORS

Mike Jeziorski, Juriquilla, Querétaro, México; Perseus and KiwiSDR coupled to W6LVP loop.
Terry L. Krueger, Niceville FL; IC-R75, NRD-535, ICF-7600GR, active loop, random wire, misc. junk.

INTERNATIONAL NEWS

CUBA: *Radio Amanecer*, Primero de Enero, Ciego de Ávila. Listening to *Radio Surco* online in the 1100 and 1200 UTC hours July 14, I’m hearing “Radio Amanecer 96.9” ID’s, and occasional joint references to *Radio Amanecer* and *Radio Surco*, with a morning news and weather block both hours hosted by a guy, along with Sandra and Maria. Their Facebook page confirms 96.9 FM at 250 watts. The Wiki entry also lists a 94.1 MHz translator. Apparently another one of the flea power locals that jointly hooks up with a bigger provincial station certain times of the day. [Terry L. Krueger]

IRELAND: RTE Radio 1 on 252 kHz is off the air until August 14 for scheduled essential maintenance. [Mike Terry via WOR, ARC mv-eko]

NEW ZEALAND: The new SENZ sports network replaced the old TAB Trackside network on July 19, affiliates 549 Hastings, 711 Wellington, 828 Palmerston Nth, 873 Tauranga, 954 Hamilton, 990 Richmond, 1071 Ashburton, 1206 Dunedin, 1224 Invercargill, 1242 Timaru, 1260 Christchurch, 1476 Auckland, 1485 Gisborne, 1548 Rotorua. [Gary DeBock, *UltralightDX*]

73 and Good DX!

Unreported Domestic Stations

Two stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WOUB-1340 and KVTR-1590. That leaves 256 stations in the United States and Canada remain unreported to DDXD during this period, exclusive of low-powered TIS/HAR and LPRT stations. Can you log and report one for next issue?

Here is the current list of unreported stations:

550 KNUI-HI	760 KGU-HI	KFST-TX	WNCL-DE
560 CBDN-YT	800 KAGH-AR	CHAK-NT	KBAI-WA
570 CKWL-BC	KVOM-AR	870 CFBV-BC	950 KRRP-LA
580 WLVA-VA	WPEL-PA	880 WAMI-AL	WHSY-MS
590 CFTK-ON	820 WSWI-IN	900 WOZK-AL	960 KABN-AK
670 WYLS-AL	830 WACC-FL	KZPA-AK	WBMC-TN
680 KBRD-WA	840 KPEN-AK	920 WXKD-AL	KIMP-TX
700 KDAZ-NM	850 WLRC-MS	WPTL-NC	KALE-WA
740 KCIK-HI	860 KWRF-AR	930 KTKN-AK	970 WFQY-MS

	WMPW-VA		KBUP-WA		WRZX-GA		KMAL-MO
980	KEYQ-CA		CKMK-BC		WSEG-GA		CJVB-BC
	WTOT-FL		CJOR-BC		WEOA-IN	1480	WNKW-KY
	WDYN-GA		CFNI-BC		WCYN-KY		KCHL-TX
990	WJCF-IN		CJAR-MB		WBIP-MS		KNTB-WA
	WABO-MS	1250	WSRA-GA		WFOR-MS	1490	WFZX-AL
	KAML-TX		WKDX-NC		WJQS-MS		WIRB-AL
	CBDB-YT		WNTT-TN		WMXF-NC		WHBB-AL
1000	WKVG-KY	1260	KCCB-AR		KFJL-OR		KXAR-AR
	KSTA-TX		WMDG-GA		KBCH-OR		KOTN-AR
1040	KLHT-HI		WHYM-SC		WYUP-PA		KLZN-CA
1050	WJCM-FL		WCLC-TN		WGAP-TN		WMBM-FL
	WTWG-MS	1270	WMLC-MS		KRUN-TX		WCHM-GA
1070	KBCL-LA		KIIK-MO		KEBE-TX		WSNT-GA
1080	KYMO-MO		WMIZ-NJ		KLCK-WA		WOMI-KY
	KEMR-NM	1280	WPID-AL		WBTH-WV		WSIP-KY
1110	WCBR-KY	1290	WJBI-MS		CHNL1-BC		KRUS-LA
	WOMN-LA		WTYL-MS	1410	WYIS-GA		WCLD-MS
	KTTP-LA		KALM-MO		WVVB-TN		KYWL-MT
	WYMW-WV	1310	KZYP-AR		KHCH-TX		KHTC-MT
1120	WHOG-AL	1320	KSCR-OR		KITE-TX		KBIX-OK
1140	KVLI-CA	1330	KGLD-TX	1420	WMYN-NC		WTQS-SC
1150	WXKO-GA		WHNK-VA		KFYN-TX		WGCD-SC
	WONG-MS		KGRG-WA		WXGM-VA		WCOR-TN
	KBPO-TX	1340	WSBM-AL		KRIZ-WA		KNEL-TX
1190	WPSP-FL		WMHZ-AL	1430	KVHZ-AK		KHVL-TX
1210	KZOO-HI		KBTA-AR		KHBM-AR		KPLT-TX
1220	WERM-AL		KQIS-AR		WWSZ-GA		KJNT-WY
	WSRQ-FL		KCAT-AR		WLCB-KY	1500	WKAX-AL
	WZOT-GA		WPBR-FL		WCWC-KY		WQMS-MS
	KQMG-IA		WGAU-GA		KMRC-LA		WSMX-NC
	WOEG-MS		WBIW-IN		KKOZ-MO		WDEB-TN
1230	WAYX-GA		WKCB-KY		KROL-MO		KANI-TX
	KLCB-MT		WAML-MS	1440	WOCJ-MS	1510	WJKN-MI
	KRYN-OR		KLID-MO		WBLA-NC		KCTX-TX
	WMLR-TN		KQDE-MT	1450	WZGX-AL	1520	WINW-OH
	WAKI-TN		WPOL-NC		KDAP-AZ	1530	WASC-SC
	KCOH-TX		KBNW-OR		KNHD-AR	1540	WMYJ-IN
	CHFC-MB		KRBA-TX		WSTU-FL	1550	WOCC-IN
	CFFB-NU		KUOW-WA		WTAL-FL		WLTJ-IN
1240	WMGJ-AL		KYSP-WA		WXVW-IN		WUCO-KY
	WJLX-AL		WMON-WV		WTCO-KY	1560	WBOL-TN
	KNSN-CA	1350	WRKM-TN		KNOC-LA		KHBR-TX
	WBGC-FL	1360	KFFA-AR		WCJU-MS	1570	WOKC-FL
	WKIQ-FL		WGJK-GA		KWPM-MO		KMCD-IA
	WWNS-GA		WFFF-MS		WLAR-TN		WIZR-MS
	KEWE-HI	1370	KAWW-AR		KBEN-TX		WLEE-MS
	WEBQ-IL		KTPA-AR		KMHT-TX		KPYK-TX
	WSFC-KY		WZTA-FL		KNET-TX	1580	WNPZ-TN
	KASO-LA		WTKY-KY		WLUX-WV		KTLU-TX
	WMIS-MS	1380	WGYV-AL	1460	WELZ-MS	1590	KDEX-MO
	WMSO-MS		WVSA-AL		WDOG-SC		WABV-SC
	KBEL-OK	1390	KDQN-AR	1470	WNWF-AL		KDAE-TX
	KRDM-OR		KFRA-LA		WCHJ-MS	1600	KTAP-CA
	WFUZ-PA	1400	WPRY-FL		KFMZ-MO		KTTN-MO

Enjoy summertime Dxing!

Have a good summer – see you next month!



Musings of the Members

Linda Brodsky zekesgm@gmail.com

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

Next deadline: August 12

Rene Auvray – Gardena, CA

I did, once correspond to Dave Schimdt about the differences with WCBS (880) and KNX (1070) on how they do their traffic reports. Today, the L.A. radio station I am talking about is one that has changed call letters and formats since 1947 is on the 1260 channel. The present call letters are KMZT Beverly Hills, CA. The owners are Mt. Wilson FM Broadcasters, Mr. Saul Levine, in charge. In late 1996 (then KGIL), a 24-hour Beatles format. Just as the format was going full speed, Mr. Levine pulled the plug in July 1997. One DJ who had a show called "Un Beatleable," (Mr. Martin Lewis) voiced his anger over the air when the format was dropped. Even I was bent out of shape!

On St. Patrick's Day (March 17th, 2017), a new call letter came in. (KSUR) or K-SURF came on. It was great hearing music on AM from back in the day. We were hearing music from the 1950's-1990's. Everything was going fine until November 21st, 2020 when Christmas music was being played. Then on December 1st, 2020, it was back to KMZT. When the Oldies format will return is unclear. I hope someone will bring it back. You can still listen to the L.A. Oldies format on their website (www.LAOldies.com) or KKGO 105.1 FM HD 2. (HD Radio) or on your cell phone. Continued LA Oldies listening this way.

'73 Rene.

Gerry Conkling, Jr. – Angier, NC

It must be over ten years that I wrote a Musing to the NRC club. I'm 81 years old and live exactly twenty miles south of Raleigh, North Carolina. I cannot remember when I haven't had a radio of some type in my hands. I'm into Amateur Radio as well and my call letters are K3CON. On October first of 2021 I will have lived in North Carolina for twelve years. I'm formerly from the Washington, DC area having lived there most of my life.

Medium-Wave listening has always interested me because of the directional arrays that a lot of radio stations have. Whenever I pass by a radio station transmitter with a whole lot of towers I'm always curious which direction the signal is being heard and why the station is not being heard in other areas. The answer is obvious but that is what got me started in radio listening in the first place.

I also want to thank everyone who has ever contributed to making the National Radio Club as great as it is. We've gained a lot of new members but we've also lost some really great members who in the past have given all their time and energy in keeping the club going. They will always be remembered.

Well, I'll sign off for now. I am certainly enjoying this column and what our members have to say.

Martin Foltz – Mission Viejo, CA

Congratulations to Linda for taking over the Musings column. And thanks to Jim Renfrew for his musing on reception report number 1000 in Issue 88-14, big milestone! My numbers are lower but I finally hit my goal of reports to 75% of stations heard. One new station heard on 5/30, 1490 KZEZ Santa Clara UT. I also heard a new local TIS station WRMJ769 run by the city of Lake Forest CA. I count HAR/TIS separately in my Utility station totals. I'm chasing an ID on 890 KVMX Olivehurst CA. It's the Spanish station I hear under KDXU. Five veries back: the 1230 KCUP DX Test (my furthest GY station, thanks CPC), 1550 KXEX Fresno CA, 1350 KLHC Bakersfield CA, 1050 KJPG Frazier Park CA and 1490 KZEZ Santa Clara UT. This year I made a few goals that will probably take into 2022 to achieve: 300 stations verified, 150 California stations verified and 50 Graveyard stations verified. I'm currently at 292/147/45. The GY goal will be the toughest one.

73s, Martin

Mike Jeziorski – Juriquilla, Querétaro (Mexico)

A lesson I still need to learn after more than 40 years in DX is to question my preconceived limits of what is possible to hear. After moving to central Mexico in 1999 and using my Sony ICF-2010 portable for a few months to build up a logbook of a couple hundred AM stations, I decided that the distribution of stations I had logged, which ranged as far north as Calgary but no farther south than about 300 miles, was skewed by the Mexican mountain ranges blocking propagation in all directions but north. Last year I pulled my ICF out of mothballs and gave it another try on a dial with far fewer Mexican stations on the air, and my prior assumption was confirmed. The scattering of my loggings on a map was as though I had pointed a huge spray paint can northward from my home. In fact,

though, the ICF with its internal antenna was oriented in my office to minimize line noise and interference from my computer screens, so it was favoring the direction I chose for it.

Now that I am using a Perseus SDR with a W6LVP loop placed on the roof of the house, I can rotate the antenna without concern for noise within the house (although line noise from the street is still a problem). In the past couple of months I have discovered that signals to the south and east come in more readily than I had imagined. This realization led first to hearing several stations from Oaxaca and Tabasco, two Mexican states I had never logged before, and then to finding a host of Cuban signals plus TWR-800 in the Caribbean Antilles. The big breakthrough came a few weeks ago, when I was able to hear R. VEA 1570 from Guatemala and ABC Radio 550 from Honduras as well as WGIT-1660 from Canóvanas, Puerto Rico. All three are listed as running 1 kW at night, so they feel like real DX.

The past weeks have seen another step forward. I am now hosting a KiwiSDR connected to the same W6LVP loop from my home in Juriquilla. It is one of only two KiwiSDRs in Mexico and the only one that appears to bring in MW DX. You can find it on the map at <http://rx.linkfanel.net/> and DX from Mexico yourself. However, it will not be available in Juriquilla the week this column comes out (18-24 July), because I am taking my talents (and equipment) to the beach, specifically a quiet spot about 30 km north of Ixtapa-Zihuatanejo on the Pacific coast of Guerrero. We will stay there four nights, and my hope is to set up my KiwiSDR and antenna close to the shoreline and give myself and anyone else who tunes in a chance to hear TP and DU DX from a prime spot in North America with very few local signals. Cross your fingers that this works! Thanks to Gary DeBock and others who have offered advice. 73, Mike

Dave Whatmough – Hamilton ON

Seeing some of the musings in June 29 DX news has inspired me to send something in to these pages after being absent for many years. I probably haven't sent anything to this column since the 1970s or early 80s. With so many new members who might not know me I guess a re-introduction is necessary. I started DXing at age 12 in 1951. Joined the NRC in October 1965 DXed into the 1990s logging about 2200 AM stations and verifying just over 1200. I think the last station I wrote to for a verie was when CKDO-1350 Oshawa moved to 1580 and had a DX test for us at that time. Since then I may have logged a total of 15 or 20 stations, I think the last one being WUST-1120 sometime last November. Most others were call letter changes or one or two stations in the X band. Although not DXing I did manage to go to NRC and IRCA conventions most years from the late 1960s through to the 2016 NRC convention in Kansas City. Since then I went to the 1 day get-together in Madison & Milwaukee WI in 2018 and 2019. I would go to that this August but the Canada/U.S. border is still closed to vehicles and may not open this year.

I am now 82 years old and wondering what to do with the massive collection of radio memorabilia I have accumulated. The coverage map collection, the letterhead collection (probably between 7,000 and 7,500 sheets of blank stationery from stations all over the US and Canada in plastic sleeves in about 50 binders). For example I have so many different letterhead styles from stations in Ontario and New York that they won't fit in a 4" ring binder. The other things I have is my own verie collection and veries from other DXers that have drifted my way over the past 35 years. A DXer from Baltimore MD, Robert Emery Base (he had put shellac over all the letters and cards which ruined most of them but I salvaged several hundred of them – 1930s and 1940s. A collection from Dudley Clark-Verdun QC that I acquired in 1988 (These were mainly 1940s to early 1950s) and a DXer named Hedley Simmonds who was in NRC and NNRC in the 30s 40s and early 50s who lived here in Hamilton. I have half of his collection. It would appear that he had 2 banker's boxes full and the bottom box was totally ruined by a flood as the box I got had some water damage on the bottom of some letters and the log book that was in the box I got would indicate I got half the collection. In 1998 I visited the late NRC member Andy Rugg in Cornwall and he gave me a banker's box full of veries that had been sent to him from the CPRV in Annapolis MD that they didn't need because they had copies of all the veries in the box. I kept about 300 letters from the box which included stuff from deceased NRC members, Warren Routzahn, Bill Knox, Richard Daneker and some others and returned the rest to Andy as he had someone else interested in what I didn't take. The other stuff I have is photographs of over 2000 radio station studios and transmitter sites. After talking to some other NRC members I find that most just want these pictures on their phones and not a lot of interest in actual photographs in albums. Also have a lot of slides of stations. I'm hoping that somewhere along the line these items may be of interest to someone after I'm gone. Most of my time these days is spent with my massive record collection (25,000 45s, 2,900 78s) Have been getting rid of some 78s but the 45 collection still growing.

If anyone is interested in any or the radio memorabilia you can email me at dwhatmough@cogeco.ca or call me at 905 527 0383. 73's.

Linda Brodsky – Malvern NY

It was very gratifying to receive musings from so many members this month. The hot, humid and rainy weather with frequent electrical storms at home has not been helpful for the antenna experimentation I was planning to do. In the interim, I've ordered a fiberglass telescoping pole to make my LNV taller and some RG6 for better feedlines for that and the two 60 foot LoGs. I picked up an Spyverter upconverter to pair with my Airspy R2 during the Airspy July 4 sale to replace one that never worked right. I still prefer the SDRPlay RSPDx but it's good to have a backup.

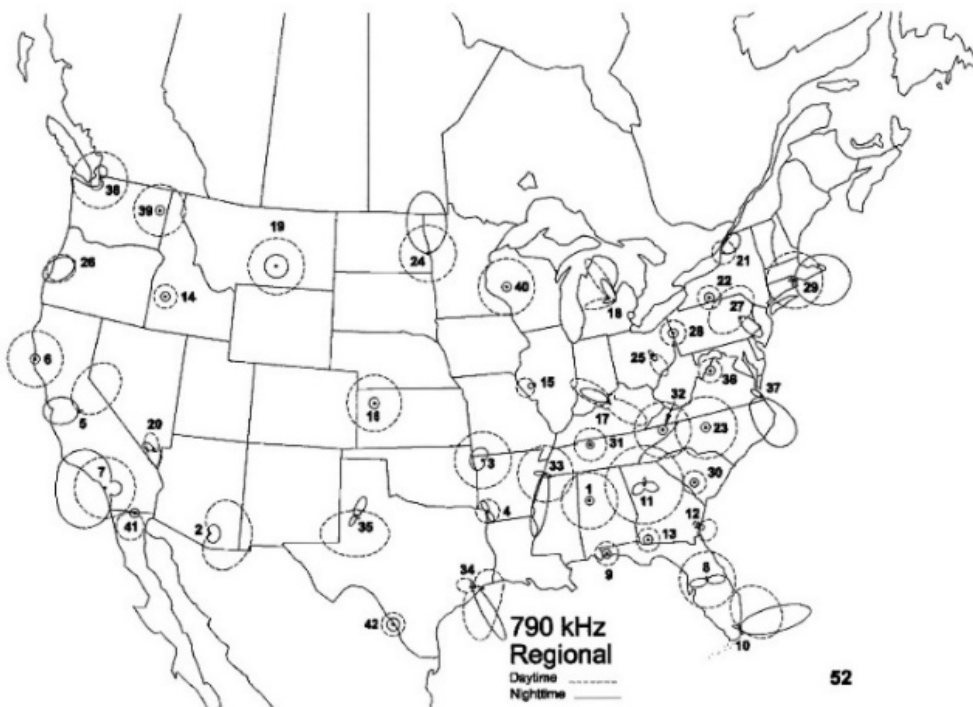
After spending over two weeks in Colorado at my daughter and son-in-law's home, which has every conceivable electronic device except for a radio, I also decided to get a CCrane Skywave SSB and a digital recorder to take out there on my next trip in August. To fill the gap, I tried some using some online KIWIs. but for me there's nothing like hearing a station with my own receivers. I know a lot of folks are hosting and listening to KIWIs. If you do, do you "count" the receptions you hear on them in the same way you do for stations you hear with your own equipment from your usual QTH?

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.



Dangerfield Estate Sale

The following are all items from Ben Dangerfield's estate. Prices shown are the minimum amount we're looking for. Therefore, bids at higher amounts are encouraged. Shipping arrangements to be made later.

1. Drake R8A receiver. This is in very good condition and was in use through March of 2021. Complete with power accessories and manual. \$400.
2. KIWA MW Loop. This is in very good condition as well however has been in storage for some time. \$300.
3. Quantum QX Phaser. Also in very good condition and in use through March 2021. \$150.
4. Mark Connelly-designed MWDX3 Phaser. Very good condition and in use through March 2021. \$150.
5. CCrane Skywave portable receiver. Good condition, although missing battery door. \$50.
6. Radio+ Q-Stick inductive antenna coupler for portable radios. Very good condition. \$25.

Contact Russ Edmunds wb2bjh@bcdx.us with any interest or offers.



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.

DX Toolbox

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

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 137.

Bits and Bites from the NRC Listserv

From: Bill Whitacre, Alexandria VA

Re: DXpeditions

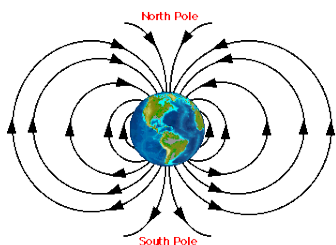
<http://realmonitor.com/DXp/> is where you'll find a 'homepage' for DXpeditions I've been on. It includes just Grayland, Lubec and Bay House [near Reedville, VA]. Older and non-recurring trips are here: http://realmonitor.com/other_DXp/

Perhaps a better landing spot would be <http://receivethis.com>. It's about as close as I've got to a starting point for my own radio hobby links.

Short column this time around. Maybe everyone is worn down by COVID-19. Everyone in my family that is eligible has gotten two jabs of the vaccine, so we are relaxing a little bit. In Canada, if you are over 12 years of age you can get vaccinated. With all the lockdowns we have had and are still having, it did give me time to clean up all the radio "stuff" I have in the radio room. Found things I truly had no use for and they are gone. Less for my kids to go through – some day far into the future, I hope. Enjoy the rest of your summer. DX season will be cranking up soon enough.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever



Geomagnetic Indices

Geomagnetic Summary June 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
6/ 1	75	3	0	no storms
2	76	5	1	no storms
3	76	6	0	no storms
4	77	4	1	no storms
5	74	4	2	no storms
6	77	5	2	no storms
7	81	12	4	no storms
8	80	5	1	no storms
9	79	4	0	no storms
10	73	4	2	no storms
11	77	10	2	no storms
12	78	10	2	no storms
13	69	7	1	no storms
14	77	4	2	no storms
15	76	17	4	minor, G1

Date	Flux	A	K	Space Weather
16	76	14	3	no storms
17	75	7	1	no storms
18	77	7	2	no storms
19	77	4	1	no storms
20	76	4	3	no storms
21	79	4	1	no storms
22	81	7	2	no storms
23	80	4	0	no storms
24	81	5	3	no storms
25	83	7	1	no storms
26	82	4	0	no storms
27	87	4	1	no storms
28	89	4	1	no storms
29	93	5	1	no storms
6/30	94	14	4	no storms

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



From the W8ZR archive of classic receivers, the RME-45 (produced 1946-1948) is a superheterodyne design with 10 tubes, covering 540 kHz to 33 MHz in 6 bands and weighing 45 pounds. Its 3-watt 7C5 audio output is said to blow your socks off!

For more: see

<http://www.w8zr.net/vintage/receivers/index.htm>

2021 Ultralight Radio Shootout

Continued from last issue

FM Sensitivity Shootout

For this competition weak FM fringe stations were chosen to provide a challenging test for each model's FM sensitivity. The tests were conducted in the open back yard, with each model's whip antenna carefully oriented to provide the best possible reception of each FM fringe station. Although the tests were not conducted at local noon, stable FM conditions were ensured to provide accurate test results for relative FM sensitivity.

As in the Medium Wave test MP3's, the first 15 seconds of each MP3 was recorded on the XHDATA D-808, followed by approximately 15 seconds on the Radiowow R-108, then approximately 15 seconds on the CCrane Skywave basic model, followed by approximately 15 seconds on the Tecsun PL-330, then finally 15 seconds on the Tecsun PL-380.

92.9-KISM (Bellingham WA, 50 kW at 108 miles/174 km) [click here](#)

94.5-KRXY (Olympia WA, 830w at 21 miles/34 km) [click here](#)

100.3-KUCP (Kent WA, 41w at 17 miles/27 km) [click here](#)

102.1-KPQ (Wenatchee WA, 35 kW at 94 miles/151 km) [click here](#)

106.5-KWPZ (Lynden WA, 68 kW at 122 miles/196 km) [click here](#)

Comments: The XHDATA D-808 and the Radiowow R-108 have a slight FM sensitivity edge on the other models, which tend to have pretty similar performance on all of these fringe stations. The R-108's performance in this aspect is especially noteworthy because of its short whip antenna – tied with that of the Skywave as the shortest among these models. The R-108's excellent FM performance is enhanced by the superb audio quality offered by its innovative, powerful speaker. Although these fringe stations are pretty much alone on their frequencies, both the D-808 and R-108 are capable of tracking down multiple weak FM stations on frequencies where the other models receive a single station. The CCrane Skywave and PL-380 have pretty much identical performance, while the Tecsun PL-330 is a shade below these two in overall FM sensitivity.

FM Sensitivity Grades

XHDATA D-808 A

Radiowow R-108 A

Tecsun PL-380 B

CCrane Skywave B

Tecsun PL-330 B-

Shortwave Sensitivity Shootout

For this test the models were tested in the reception of relatively weak Shortwave broadcast stations, chosen over a diverse range of the Shortwave spectrum. Fully extended stock whip antennas were used, and placed in the optimal position for the best possible reception. All models were placed in the 2 kHz DSP filter selection except for the Tecsun PL-330 (which has 2.5 kHz as its narrowest DSP filter). The Skywave's tone was set in the default "Music" selection.

For these MP3's the first 15 seconds were recorded on the XHDATA D-808, followed by approximately 15 seconds on the Radiowow R-108, then approximately 15 seconds on the CCrane Skywave basic model, followed by 15 seconds on the Tecsun PL-330, and finally 15 seconds on the Tecsun PL-380.

5800-WRMI (Okeechobee FL, USA) [click here](#)

6165-Radio Havana Cuba (English) [click here](#)

7335-Radio Marti (Marathon FL, USA) [click here](#)

9535-Radio Havana Cuba (Spanish) [click here](#)

9330-WBCQ (Monticello ME, USA) [click here](#)

Comments: Once again the XHDATA D-808 is unsurpassed in weak signal reception, although the SSB-equipped Tecsun PL-330 manages to equal it in overall Shortwave sensitivity despite having a much shorter whip antenna (6.1 inches/15.5cm shorter). The other three models are fairly close in capability, but in my opinion the Radiowow R-108 is a shade less sensitive than the CCrane Skywave and Tecsun PL-380 models. The whip antennas of the Skywave and R-108 are the shortest of all these models, so that may be a contributing factor in their Shortwave sensitivity. CCrane is presumably aware of this, and includes the high quality Shortwave Reel Antenna with every Skywave SSB model (but not with the basic model).



Shortwave Sensitivity Grades

XHDATA D-808	A
Tecsun PL-330	A
CCrane Skywave	B
Tecsun PL-380	B
Radiowow R-108	B-

Air Band Sensitivity Shootout

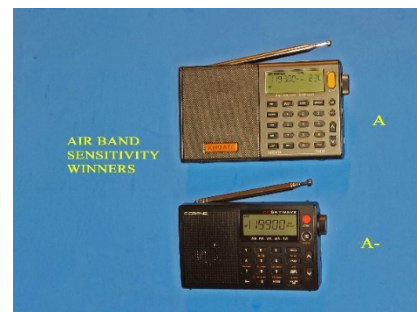
In the 2015 Ultralight Radio Shootout the CCrane Skywave was unique with AIR band capability in an Ultralight radio, but since then the Radiowow R-108 and the non-Ultralight XHDATA D-808 have both been introduced with that capability. To check which model has “air superiority,” recordings were made of the local airport (Seattle-Tacoma International) tower traffic on 119.9 MHz. All whip antennas were fully extended, and in the noise-free back yard each model recorded the exact same air traffic segment over a one-minute period.

XHDATA D-808 [click here](#)

C.Crane Skywave [click here](#)

Radiowow R-108 [click here](#)

Comments: All three models can receive the tower transmissions at 4 seconds (“Over to departure, Horizon 2083 good day”) and at 37 seconds (“Alaska 736 good day”), but that is all that the Radiowow R-108 can receive. The CCrane Skywave can receive some of the weak aircraft transmission at 22 seconds, but not very much of it. The XHDATA D-808 can also receive the weak aircraft transmission at 2 seconds, in addition to somewhat stronger reception of the weak aircraft transmission at 22 seconds. As such, the D-808 is the winner of this competition, although the Skywave is still fairly competitive. For a bargain model the R-108 will at least provide economy class access to the airport.

Air Band Sensitivity Grades

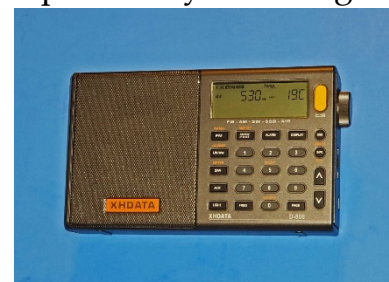
XHDATA D-808	A
CCrane Skywave	A-
Radiowow R-108	B

Note: The CCrane Skywave is unique among these models in receiving the NOAA Weather Band Channels 1-7 in the USA, and has demonstrated superior sensitivity on these frequencies in competition with other Ultralight radios in the 2015 Ultralight Shootout (posted [here](#)).

North American DXers interested in receiving weather information and emergency notifications are encouraged to consider this unique capability in their purchasing decisions.

SECTION THREE – FINAL VERDICTSXHDATA D-808

As mentioned previously the D-808’s 27.2 cubic inch size places it well outside of the “official” Ultralight Radio category, so it is included in this review for informational purposes only. The longer loopstick, longer whip antenna, larger speaker and powerful audio give it some unfair advantages over the smaller pocket radios, although in the 2021 portable radio market most purchasers are looking for value and performance – and the D-808 certainly delivers on both points. The Chinese engineers (or reverse engineers) have improved upon the Skywave SSB “inspiration” to design a versatile DXing portable with stellar capabilities, offered at a price which is tough to beat. It does have the dazzling display light and the impractical warranty policy, but for DXers looking for high sensitivity, powerful audio, SSB capability and rugged construction this portable will fit the bill. With the asking price all over the map a DXer needs to shop around, though, and make every effort to purchase from a reliable seller that will guarantee the radio’s quality – and not ask you to ship it back to China before taking any customer service action. The vast majority of D-808 purchasers have been very satisfied with their radio, but that will be of little comfort if you are stuck with a defective model.

RADIOWOW R-108

For FM and AIR band DXers this model is a real bargain at the \$50 price, although MW and SW DXers are not likely to be impressed. The superior speaker, audio fidelity and digital search modes add to its appeal while the MW digital quirks, somewhat wimpy audio amp and dodgy warranty

tend to balance out the equation. FM band DXers who were thrilled by the introduction of the Si4734 DSP chip in the Tecsun PL-310 and PL-380 models a decade ago are in for a pleasant surprise with this model, which combines excellent sensitivity with superior audio quality for an unmatched “fun factor” from 88-108 MHz. In a similar manner AIR band DXers can track down airport communication traffic with fairly good sensitivity, with the option of plugging in an even more effective external antenna on either band. Interested DXers are strongly advised to obtain a premium BL-5C battery to replace the stock model, and purchase the radio from a reputable seller that will back up the quality of their R-108 models – preferably in your own home country. Speaking from experience, the last thing you need is a defective model that must be shipped back to China (at your expense) before the seller will contemplate any exchange. XHDATA/Radiowow currently has no repair or service facilities in either North America or Europe, so consider yourself forewarned.



CCRANE SKYWAVE

For compact MW-DXing performance with guaranteed quality and reliability the Skywave retains its top position in the 2021 pocket radio market, although the innovative models from XHDATA and Radiowow have surpassed it on FM, and the D-808 has slightly surpassed it on the AIR band. The D-808 manages a slight edge in stock shortwave sensitivity as well. If DXing on any of these bands is your top priority this model is probably not the best choice, although the Skywave SSB's shortwave performance is greatly improved with the included Shortwave Reel Antenna.

CCrane's technical breakthrough in developing this innovative Ultralight SSB model essentially went to naught in China, where the model's technical secrets were eagerly copied by local competitors – without any R&D investment of their own. This makes it difficult for CCrane to compete with the competitors on pricing, which in turns detracts from a high quality model with impressive capabilities. The Skywave's SSB tuning system is very user-friendly, the build quality is outstanding and no other model offers its combination of MW-DXing competence in such a compact package. It's certainly true that both the basic Skywave and the SSB model are facing severe competition, but for those who are willing to pay the price for guaranteed quality and rugged survivability on the MW band and Weather Channels the Skywave will not disappoint. Evaluate your DXing priorities with the honest comparisons contained in this article, and if a combination of outstanding MW-DXing features and compact portability is your primary desire, the Skywave could well become your dream model.



TECSUN PL-330

Tecsun has succeeded in its primary objective of adding SSB capability to an Ultralight-sized model at a breakthrough price, and for hobbyists primarily desiring this one capability the PL-330 will not disappoint. Once the SSB tuning system is mastered the model is capable of matching the D-808 and Skywave SSB's performance in this one aspect, but in all other aspects (except Shortwave sensitivity) the model's design is somewhat disappointing. Limited DSP filtering reduces the model's appeal to MW split-frequency DXers, and the relatively long loopstick is an underperformer, delivering modest MW sensitivity. FM performance is also run of the mill, and the Synch detector is next to useless. Although my three test models had good quality control the lack of any company warranty does not inspire confidence, and since all of these models are currently shipped from overseas it is imperative to purchase from a reliable vendor with an excellent track record. The 26-page Chinese manual is next to useless for an English speaker, so every effort should be made to secure the 27-page English manual as an essential part of the purchase. With this manual as a guide the purchaser can expect to learn the radio's functions and master the SSB tuning system, but in the PL-330 this one major advantage is unlikely to convince the purchaser that this model is a classic DXing breakthrough.



TECSUN PL-380

The PL-380 was an innovative, breakthrough model when first introduced in 2009, but Tecsun has shown no interest in improving its capabilities since then. When sales were good Tecsun decided to increase its profits by eliminating the DSP chip shielding – which pretty much reveals their overall attitude toward this model. If you desire innovative breakthroughs, look elsewhere. The performance of the Si4734 DSP chip and powerful audio amp still make the radio a competitive, low cost performer in MW-DXing, though, so long as you don't mind the internally-generated heterodynes and other quirks. For the FM and Shortwave frequencies its performance has clearly been edged out by the innovative R-108 and PL-330 models respectively, but as part of a bargain package the performance on these two bands is acceptable, if not overly exciting. The radio has a fairly good quality control record, and lends itself to relatively easy loopstick transplants and other modifications. Whereas Tecsun will probably continue to offer this 2009-design radio for as long as they can make some profit, DXers will probably continue to purchase it as long as it seems like a bargain. If you can tolerate the rough edges and concentrate on MW-DXing, that would still be a reasonable trade – even in the 2021 radio market.

Summary

Now that you have the most detailed Ultralight radio purchasing guide on the planet, why not take the plunge, and invest some minor pocket change in one of these innovative pocket radios? Whether for serious DXing or for travel reception, these new models provide amazing capabilities far beyond the humble pocket radios of the last century. If you grew up as a teenager with such a transistor radio introducing you to the thrills of DX, you will discover that the thrills of DX have taken a quantum leap with these astonishing new models. Especially during a pandemic with added challenges, enjoying the simple pleasures of DXing with a simple radio is an excellent way to leave the stress behind.

So go ahead and make your choice – and discover the unique thrills of chasing rare DX with a highly advanced pocket radio. The 1,500+ member Ultralight Radio Group waits to welcome you, and provide you with all the assistance you need in providing a major boost in your hobby satisfaction!

73 and Good DX, Gary DeBock (in Puyallup WA, USA)

Madison-Milwaukee Get-Together – August 21, 2021

It is my pleasure to be your host for the 2021 Madison-Milwaukee Get-together for DXers and Radio Enthusiasts this year. I and others who are assisting me are looking forward to a great get-together this year. This will be the delayed 27th Madison-Milwaukee DX Get-together. We would be very pleased if you can join us. If you have attended in the past, it has been your participation and that of many others that has made this event such a pleasure to host. We appreciate your past attendance. If you have not attended, we would appreciate your consideration in coming. We can think of nothing better for our event than to have a great turnout this year. Won't you join us?

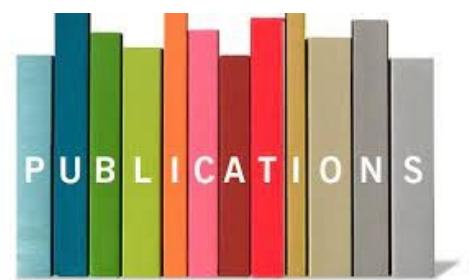
Hosted by Mark Taylor at his home at 1114 Ellen Ave., Madison WI 53716, on Saturday, August 21, 1:00 to 9:30 p.m. (come when you can, leave when you must). This is an all-band event, which brings together a diverse group of hobbyists who have one thing in common – a love of radio.

Please RSVP to Mark at markokpik@gmail.com or you may call/text him at 608-225-2690.

Visit the NRC Publication Center

At the NRC Publication Center you can order any or all of the following DX resources:

- The latest *NRC Log* (when available) and *Antenna Pattern Book*
- Antenna books: *Beverage and Longwire Antenna Design and Theory*, the *Antenna Reference Manual* (vols. 1, 2, and 3), and *Loop Antenna Design and Theory*.
- Sunrise and sunset maps, *The Challenging Crystal Set*, and the *Getting Started in MW DXing* book.
- Reprints of a wide variety of articles that have appeared in past issues of *DX News*.



For more information and to order, visit <https://nationalradioclub.org/publication-center/>

GRAVEYARD DX UPDATE

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

				<u>1340 kHz</u>		
CMGL	CUB	Palmira, Cienfuegos	Tim Hall		Tampa, FL	415
				<u>1400 kHz</u>		
KEYL	MN	Long Prairie	Rick Dau		South Omaha, NE	333
KNND	OR	Cottage Grove	Tim Hall		US 6/50 at NV/UT Border, UT	569
				<u>1450 kHz</u>		
KGRE	CO	Greeley	Tim Hall		US 6/50 at NV/UT Border, UT	504
WNAT	MS	Natchez	Tim Hall		Irving, TX	337
KCYL	TX	Lampasas	Tim Hall		Chisos Mountain Lodge, TX	330
KMHT	TX	Marshall	Tim Hall		Houston, TX	209
KCLX	WA	Colfax	Tim Hall		Jasper, AB	414
				<u>1490 kHz</u>		
KZEZ	UT	Santa Clara	Tim Hall		Chula Vista, CA	369

DXer	DX Location	<u>Total Stations Heard</u>							Total
		1230	1240	1340	1400	1450	1490		
Tim Hall	US 6/50 at NV/UT Border, UT	40	38	36	46	39	42	241	
Tim Hall	San Diego/Chula Vista, CA	25	15	27	27	22	19	135	
Martin Foltz	Mission Viejo, CA	12	10	11	15	12	12	72	

I've received the summary of the recent KCUP-1230 test (thanks again to the CPC Committee for a truly excellent test). The Canadian and Alaska-Hawaii records for this station are currently vacant, and the continental US (908 miles) and outside-North-America (4523 miles) records look like they could be beat by some of the other receptions included in the summary, if the DXers in question are NRC members. Please contact me if you are interested in claiming these records.

Some of the above records are old loggings / past records for stations whose records were held by someone else and later vacated. Looking ahead to 1450, I was surprised how many records had been vacated over the years. The following stations currently have no US record: KLAM-AK, WWJB-FL, WWKU-KY, KVCK-MT, WMVA-VA. Here are some stations from northern states that currently have no Canadian record: KGRE-CO, WAOV-IN, KMRY-IA, KBUN-MN, WELY-MN, KGRZ-MT, KWBE-NE, KFLS-OR, KBPS-OR, WWRI-RI, KJCV-WY, KVOW-WY, CFAB-NS.

FCC Proposed Rule Changes

On July 12, the FCC requested public comment on seven proposed rule changes involving broadcast stations, three of which involve AM.

First, the FCC proposes to amend the regulation (47 C.F.R. § 73.1665) to lift the requirement of maximum rated power for AM stations. Currently, a station authorized for 25 or 50 kW must have a transmitter with a maximum rated power of 50 kW; a station authorized for 5 or 10 kW can only have a transmitter with a maximum rated power of 10 kW; an authorization for 2.5 kW is limited to a maximum rated power of 5 kW, and other stations a maximum rated power of 1 kW. The FCC proposes allowing AM stations to have transmitters with any maximum rated power.

Second, the FCC proposes to change the definition of the "AM fill-in area" for FM translators of AM stations in 47 C.F.R. § 74.1201(j). The original (2009) rule on FM translators for AM stations required FM translators to be located within the lesser of the 2 mV/m daytime contour of the AM station and 25 miles of the AM transmitter. In 2017, the FCC modified some of the regulations to provide that the 60 dBu contour of the FM translator (not the translator itself) be within that same region, but did not do so consistently across regulations. The FCC is proposing making the 2017 rule apply uniformly.

Finally, the FCC proposes to update the rules on FM stations (47 C.F.R. § 207(b)(2)) and FM translators (47 C.F.R. § 74.1235(d)) within 320 miles of the Canadian and Mexican borders to reflect changes to the international agreements between the United States and those countries.

Comments will be due 30 days after notice is published in the *Federal Register*.

GRAVEYARD DX ACHIEVEMENTS

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

TimHall1@gmail.com



1340 kHz

Logged from January 1, 1960 to Present

Updated as of May 22, 2021



Station	State	City	DXer	DX Location	Miles
WFMH	AL	Cullman	Russ Johnson	Lexington, NC	392
WJOI	AL	Florence	Gary Siegel	Toledo, OH	525
WXOR	AL	Florence	Charles Reh	Leamington, ON	572
WMRK	AL	Selma	Barry McLarnon	Ottawa, ON	1077
WMRK	AL	Selma	Steve Francis (SK)	Alcoa, TN	290
WFEB	AL	Sylacauga	Steve Francis (SK)	Alcoa, TN	222
AFRN	AK	Ft. Yukon	Frank Merrill	Nenana, AK	178
KBTA	AR	Batesville	Phil Bytheway	Seattle, WA	1769
KZNG	AR	Hot Springs	Wayne Heinen	Colorado Springs, CO	717
KCAT	AR	Pine Bluff	Barry McLarnon	Ottawa, ON	1154
KBRS	AR	Springdale	Charles Reh	Leamington, ON	738
KBRS	AR	Springdale	Gary Siegel	Toledo, OH	682
KIKO	AZ	Apache Junction	Tim Hall	US 6/50 at NV/UT Border, UT	416
KIKO	AZ	Miami	Wayne Heinen	Colorado Springs, CO	532
KPGE	AZ	Page	Phil Bytheway	Seattle, WA	924
KENT	AZ	Prescott	Don Kaskey (SK)	Sacramento, CA	562
KATA	CA	Arcata	Carl Dabelstein	Lihue, HI	2433
KATA	CA	Arcata	Phil Bytheway	Seattle, WA	475
KWXY	CA	Cathedral City	Tim Hall	Ajo, AZ	230
KCBL	CA	Fresno	Richard E. Wood (SK)	Hilo, HI	2434
KCBL	CA	Fresno	Tim Hall	Crescent City, CA	416
KVGC	CA	Jackson	Tim Hall	Chula Vista, CA	449
KOMY	CA	La Selva Beach	Richard E. Wood (SK)	Hilo, HI	2325
KAVC	CA	Mojave	Tim Hall	Burney, CA	735
KSFE	CA	Needles	John Johnson	Billings, MT	821
KEWE	CA	Oroville	Richard E. Wood (SK)	Hilo, HI	2415
KPYV	CA	Oroville	Tim Hall	West Glacier, MT	725
KATY	CA	San Luis Obispo	Frank Merrill	Nenana, AK	2347
KGLW	CA	San Luis Obispo	Carl Dabelstein	Phoenix, AZ	504
KIST	CA	Santa Barbara	Richard E. Wood (SK)	Hilo, HI	2390
KIST	CA	Santa Barbara	Tim Hall	Crescent City, CA	564
KOMY	CA	Watsonville	Tim Hall	Chula Vista, CA	408
KDCO	CO	Denver	Tim Hall	US 6/50 at NV/UT Border, UT	484
KWSL	CO	Grand Junction	Carl Dabelstein	Omaha, NE	686
KVRH	CO	Salida	Wayne Heinen	Aurora, CO	102
WYBC	CT	New Haven	Russ Johnson	Lexington, NC	567
WYBC	CT	New Haven	Barry McLarnon	Ottawa, ON	316
WOOK	DC	Washington	Andy Rugg (SK)	Montreal, QC	488
WOOK	DC	Washington	Gary Siegel	Toledo, OH	401
WTAN	FL	Clearwater	Neil Kazaross	Barrington, IL	1026
WWFL	FL	Clermont	Shawn Axelrod	Orlando, FL	17
WROD	FL	Daytona Beach	Andy Rugg (SK)	Montreal, QC	1197
WROD	FL	Daytona Beach	Marc DeLorenzo	Hyannis, MA	1051
WZAZ	FL	Jacksonville	Don Trelford (SK)	Runaway Bay, JMC	868
WDSR	FL	Lake City	Barry McLarnon	Ottawa, ON	1116
WPBR	FL	Lantana	Tim Hall	Tampa, FL	176
WTYS	FL	Marianna	Ernie Wesolowski	Omaha, NE	953
WPBR	FL	Palm Beach	Ernie Cooper (SK)	Provincetown, MA	1198
WITS	FL	Sebring	Russ Johnson	Lexington, NC	576
WFSH	FL	Valparaiso	Steve Francis (SK)	Alcoa, TN	393
WGAU	GA	Athens	Russ Edmunds	Parsippany, NJ	691

					25
WBBQ	GA	Atlanta	Carl Dabelstein	Lincoln, NE	831
WBBQ	GA	Augusta	Russ Edmunds	Parsippany, NJ	661
WGAA	GA	Cedartown	Steve Francis (SK)	Alcoa, TN	138
WOKS	GA	Columbus	Barry McLarnon	Ottawa, ON	1019
WOKS	GA	Columbus	Russ Edmunds	Blue Bell, PA	758
WBBT	GA	Lyons	Kraig Krist	Manassas, VA	526
WALH	GA	Mountain City	Gary Siegel	Toledo, OH	465
WTIF	GA	Tifton	Ron Schiller (SK)	Monmouth Beach, NJ	811
KSKI	ID	Hailey	Mike Hardester	Modesto, CA	537
KSGR	ID	Nampa	Tim Hall	Chula Vista, CA	756
KTIK	ID	Nampa	Shawn Axelrod	Winnipeg, MB	1004
KACH	ID	Preston	Phil Bytheway	Seattle, WA	637
KXQZ	ID	Wendell	Tim Hall	Chula Vista CA	708
WSOY	IL	Decatur	Barry McLarnon	Ottawa, ON	768
WHPI	IL	Herrin	Shawn Axelrod	Winnipeg, MB	913
WJPF	IL	Herrin	George Santulli	Cranford, NJ	810
WJOL	IL	Joliet	Shawn Axelrod	Winnipeg, MB	714
WJOL	IL	Joliet	Carl Dabelstein	Lincoln, NE	450
WBIW	IN	Bedford	Barry McLarnon	Ottawa, ON	707
WBIW	IN	Bedford	Steve Francis (SK)	Alcoa, TN	257
WTRC	IN	Elkhart	Denis Picard	Trois-Rivières-Ouest, QC	737
WTRC	IN	Elkhart	George Santulli	Cranford, NJ	605
WLBC	IN	Muncie	Carl Dabelstein	Lincoln, NE	595
WXFN	IN	Muncie	Barry McLarnon	Ottawa, ON	605
KROS	IA	Clinton	Barry McLarnon	Ottawa, ON	760
KROS	IA	Clinton	Carl Dabelstein	Lincoln, NE	343
KROS	IA	Clinton	Gary Siegel	Toledo, OH	343
KLIL	IA	Estherville	Ernie Wesolowski	Omaha, NE	165
KGGS	KS	Garden City	Tim Hall	Jackpot, NV	777
KFKF	KS	Kansas City	Shawn Axelrod	Winnipeg, MB	714
KNHN	KS	Kansas City	Gary Siegel	Toledo, OH	612
KSEK	KS	Pittsburg	Shawn Axelrod	Winnipeg, MB	858
KSEK	KS	Pittsburg	Gary Siegel	Toledo, OH	662
WCMJ	KY	Ashland	Joe Fela (SK)	Newark, NJ	477
WCMJ	KY	Ashland	Jeff Falconer	Clinton, ON	362
WBGJ	KY	Bowling Green	Carl Dabelstein	Omaha, NE	596
WBGJ	KY	Bowling Green	Ernie Wesolowski	Omaha, NE	596
WBGJ	KY	Bowling Green	Jeff Falconer	Clinton, ON	525
WKCB	KY	Hindman	Barry McLarnon	Ottawa, ON	668
WNBS	KY	Murray	George Santulli	Cranford, NJ	809
WEKY	KY	Richmond	Ron Schiller (SK)	Monmouth Beach, NJ	583
KRMD	LA	Shreveport	Frank Wheeler (SK)	Erie, PA	1005
WFAU	ME	Augusta	Barry McLarnon	Ottawa, ON	304
WNZS	ME	Veazie	Barry McLarnon	Ottawa, ON	349
WGAW	MA	Gardner	Kraig Krist	Manassas, VA	392
WGAW	MA	Gardner	Barry McLarnon	Ottawa, ON	269
WNBH	MA	New Bedford	Russ Edmunds	Blue Bell, PA	249
WBRK	MA	Pittsfield	Niel Wolfish	Murray Harbour, North PEI	585
WBRK	MA	Pittsfield	Russ Edmunds	Blue Bell, PA	192
WLEW	MI	Bad Axe	Barry McLarnon	Ottawa, ON	372
WLEW	MI	Bad Axe	John J. Varljen, Jr.	Ashville, PA	323
WBBL	MI	Grand Rapids	Barry McLarnon	Ottawa, ON	579
WLAV	MI	Grand Rapids	Bruce Conti	West Warwick, RI	763
WCSR	MI	Hillsdale	George Santulli	Cranford, NJ	575
WCSR	MI	Hillsdale	Jeff Falconer	Clinton, ON	196
WMTE	MI	Manistee	Barry McLarnon	Ottawa, ON	522
WMTE	MI	Manistee	Gary Siegel	Toledo, OH	226
WAGN	MI	Menominee	Ron Schiller (SK)	Monmouth Beach, NJ	766
WAGN	MI	Menominee	Barry McLarnon	Ottawa, ON	575
WMBN	MI	Petoskey	Shawn Axelrod	Valhalla Beach, MB	665
WMBN	MI	Petoskey	Russ Edmunds	Blue Bell, PA	609
WEXL	MI	Royal Oak	Barry McLarnon	Ottawa, ON	416

WEXL	MI	Royal Oak	Kraig Krist	Manassas, VA	393
KQBR	MN	Brainerd	Don Trelford (SK)	Runaway Bay, JMC	2159
KVBR	MN	Brainerd	Barry McLarnon	Ottawa, ON	886
KVBR	MN	Brainerd	Gary Siegel	Toledo, OH	619
KDLM	MN	Detroit Lakes	Andy Rugg (SK)	Waterloo, ON	781
KDLM	MN	Detroit Lakes	Gary Siegel	Toledo, OH	705
WEVE	MN	Eveleth	Morris Sorensen (SK)	Leaf Rapids, MB	710
WEVE	MN	Eveleth	Carl Dabelstein	Omaha, NE	459
KROC	MN	Rochester	Niel Wolfish	Toronto, ON	650
KROC	MN	Rochester	Gary Siegel	Toledo, OH	482
KWLM	MN	Willmar	Neil Kazaross	Barrington, IL	401
WAML	MS	Laurel	Ernie Wesolowski	Omaha, NE	767
KXEO	MO	Mexico	Andy Rugg (SK)	Montreal, QC	1028
KXEO	MO	Mexico	Russ Edmunds	Parsippany, NJ	929
KLID	MO	Poplar Bluff	Charles Reh	Leamington, ON	552
KLID	MO	Poplar Bluff	Gary Siegel	Toledo, OH	498
KSMO	MO	Salem	Gary Siegel	Toledo, OH	509
KICK	MO	Springfield	Dave Whatmough	Hamilton, ON	822
KICK	MO	Springfield	Gary Siegel	Toledo, OH	607
KQJZ	MT	Evergreen	Ron Schiller (SK)	Coeur d'Alene, ID	123
KPRK	MT	Livingston	Carl Dabelstein	Omaha, NE	817
KPRK	MT	Livingston	Tim Hall	Jasper, AB	546
KATL	MT	Miles City	Ernie Wesolowski	Omaha, NE	599
KATL	MT	Miles City	Carl Dabelstein	Omaha, NE	599
KYLT	MT	Missoula	MB DXpedition&	Arnes, MB	819
KYLT	MT	Missoula	Tim Hall	US 6/50 at NV/UT Border, UT	540
KHUB	NE	Fremont	Charles Reh	Leamington, ON	716
KHUB	NE	Fremont	John Wilkins	Wheat Ridge, CO	468
KGFW	NE	Kearney	Tim Hall	US 6/50 at NV/UT Border, UT	800
KSID	NE	Sidney	Tim Hall	US 6/50 at NV/UT Border, UT	603
KTSN	NV	Elko	Tim Hall	Jasper, AB	838
KTSN	NV	Elko	Tim Hall	Chula Vista, CA	574
KRAM	NV	Las Vegas	Frank Merrill	Nenana, AK	2409
KRLV	NV	Las Vegas	Tim Hall	Yellowstone Lake Village, WY	629
KXEQ	NV	Reno	Tim Hall	Chula Vista, CA	499
WDCR	NH	Hanover	Gary Siegel	Toledo, OH	591
WDCR	NH	Hanover	Jeff Falconer	Clinton, ON	464
WWNH	NH	Madbury	Jeff Falconer	Clinton, ON	534
WWNH	NH	Madbury	Russ Edmunds	Blue Bell, PA	307
WBNC	NH	North Conway	Bruce Conti	Nashua, NH	89
WMID	NJ	Atlantic City	Bill Dvorak	Madison, WI	817
WMID	NJ	Atlantic City	Jeff Falconer	Clinton, ON	469
KNDE	NM	Aztec	Ernie Wesolowski	Omaha, NE	706
KSSR	NM	Santa Rosa	Glenn Hauser	(near) Vega, TX	123
KSIL	NM	Silver City	Phil Bytheway	Seattle, WA	1262
KKIT	NM	Taos	Phil Bytheway	Seattle, WA	1154
WMBO	NY	Auburn	Gary Siegel	Toledo, OH	367
WMBO	NY	Auburn	Charles Reh	Leamington, ON	311
WENT	NY	Gloversville	Jeff Falconer	Clinton, ON	363
WENT	NY	Gloversville	Wayne Heinen	Orchard Park, NY	223
WKSJ	NY	Jamestown	Andy Rugg (SK)	Montreal, QC	367
WKSJ	NY	Jamestown	Russ Edmunds	Parsippany, NJ	263
WLVL	NY	Lockport	Carl Dabelstein	Lincoln, NE	932
WLVL	NY	Lockport	Barry McLarnon	Ottawa, ON	209
WMSA	NY	Massena	Charles Reh	Leamington, ON	433
WMSA	NY	Massena	Russ Edmunds	Parsippany, NJ	281
WALL	NY	Middletown	Denis Picard	Trois-Rivières-Ouest, QC	351
WALL	NY	Middletown	Bruce Conti	Nashua, NH	173
WIRY	NY	Plattsburgh	Gary Siegel	Toledo, OH	550
WIRY	NY	Plattsburgh	Niel Wolfish	Howe Bay, PI	547
WOOW	NC	Greenville	Jeff Falconer	Clinton, ON	596
WOOW	NC	Greenville	Gary Siegel	Toledo, OH	535

					27
WJRI	NC	Lenoir	Wayne Heinen	Orchard Park, CO	499
WTSB	NC	Lumberton	Russ Edmunds	Syracuse, NY	605
WCBQ	NC	Oxford	Russ Edmunds	Blue Bell, PA	321
WADE	NC	Wadesboro	Larry Van Horn	Brasstown, NC	221
WGNI	NC	Wilmington	Andy Rugg (SK)	Montreal, QC	814
WLSG	NC	Wilmington	Russ Edmunds	Blue Bell, PA	436
WAIR	NC	Winston-Salem	Andy Rugg (SK)	Montreal, QC	739
WAIR	NC	Winston-Salem	Gary Siegel	Toledo, OH	426
KPOK	ND	Bowman	Phil Bytheway	Seattle, WA	900
KGPC	ND	Grafton	Gary Siegel	Toledo, OH	821
KXPO	ND	Grafton	Tim Hall	Winnipeg, MB	104
WNCO	OH	Ashland	Shawn Axelrod	Winnipeg, MB	942
WNCO	OH	Ashland	Bruce Conti	Nashua, NH	574
WOUB	OH	Athens	Barry McLarnon	Ottawa, ON	527
WOUB	OH	Athens	Larry Van Horn	Brasstown, NC	313
WIZE	OH	Springfield	Shawn Axelrod	Winnipeg, MB	937
WIZE	OH	Springfield	Russ Edmunds	Little Silver, NJ	516
WSTV	OH	Steubenville	Barry McLarnon	Ottawa, ON	425
WSTV	OH	Steubenville	Steve Francis (SK)	Alcoa, TN	364
KIHN	OK	Hugo	Charles Reh	Leamington, ON	894
KIHN	OK	Hugo	Carl Dabelstein	Omaha, NE	504
KXXY	OK	Oklahoma City	Don Trelford (SK)	Runaway Bay, JMC	1711
KGHM	OK	Oklahoma City	Tim Hall	US 6/50 at NV/UT Border, UT	939
KTOW	OK	Sand Springs	Karl Jeter	Atlanta, GA	675
KBNW	OR	Bend	Tim Hall	US 6/50 at NV/UT Border, UT	509
KLOO	OR	Corvallis	Tim Hall	Radium Hot Springs, BC	538
KLOO	OR	Corvallis	Ron Schiller (SK)	Coeur d'Alene, ID	379
KWVR	OR	Enterprise	Tim Hall	Jasper, AB	516
KWVR	OR	Enterprise	Tim Hall	US 6/50 at NV/UT Border, UT	467
KIHR	OR	Hood River	Tim Hall	Monterey, CA	630
KBBR	OR	North Bend	Richard E. Wood (SK)	Hilo, HI	2428
KBBR	OR	North Bend	Tim Hall	Monterey, CA	488
KBBR	OR	North Bend	Tim Hall	(in waters off) San Juan Islands, BC	353
WCVI	PA	Connellsville	Andy Rugg (SK)	Montreal, QC	486
WCVI	PA	Connellsville	Gary Siegel	Toledo, OH	236
WSAJ	PA	Grove City	Frank Merrill	Holland, OH	195
WOYL	PA	Oil City	Barry McLarnon	Ottawa, ON	336
WOYL	PA	Oil City	Gary Siegel	Toledo, OH	200
WHAT	PA	Philadelphia	Gary Siegel	Toledo, OH	452
WHAT	PA	Philadelphia	Jeff Falconer	Clinton, ON	411
WYCK	PA	Plains	Barry McLarnon	Ottawa, ON	272
WYCK	PA	Plains	Tim Hall	Bovina, NY	90
WRAW	PA	Reading	Gary Siegel	Toledo, OH	409
WRAW	PA	Reading	Barry McLarnon	Ottawa, ON	349
WTRN	PA	Tyrone	Steve Francis (SK)	Alcoa, TN	458
WTRN	PA	Tyrone	Barry McLarnon	Ottawa, ON	348
WBRE	PA	Wilkes-Barre	Karl Jeter	Stone Mountain, GA	695
WWPA	PA	Williamsport	MB DXPedition&	Arnes, MB	1153
WWPA	PA	Williamsport	Gary Siegel	Toledo, OH	341
WOKE	SC	Charleston	Barry McLarnon	Ottawa, ON	896
WOKE	SC	Charleston	Gary Siegel	Toledo, OH	643
WRHI	SC	Rock Hill	Gary Siegel	Toledo, OH	487
WSSC	SC	Sumter	Gary Siegel	Toledo, OH	563
KIJV	SD	Huron	Frank Merrill	Milan, MI	748
KTOQ	SD	Rapid City	Phil Bytheway	Seattle, WA	953
WBAC	TN	Cleveland	Dave Whatmough	Hamilton, ON	620
WBAC	TN	Cleveland	Gary Siegel	Toledo, OH	455
WKRM	TN	Columbia	Gary Siegel	Toledo, OH	460
WGRV	TN	Greeneville	Barry McLarnon	Ottawa, ON	735
WGRV	TN	Greeneville	Russ Edmunds	Blue Bell, PA	495
WKGN	TN	Knoxville	Andy Rugg (SK)	Pointe Claire, QC	848
WKGN	TN	Knoxville	Carl Dabelstein	Omaha, NE	741

WLOK	TN	Memphis	George Santulli	Cranford, NJ	950
WCDT	TN	Winchester	Russ Edmunds	Blue Bell, PA	687
WCDT	TN	Winchester	Charles Reh	Leamington, ON	511
KWKC	TX	Abilene	Tim Hall	US 6/50 at NV/UT Border, UT	922
KHLB	TX	Burnet	Carl Dabelstein	Lincoln, NE	700
KAND	TX	Corsicana	Frank Wheeler (SK)	Erie, PA	1139
KSET	TX	El Paso	John Wilkins	West Des Moines, IA	974
KLBK	TX	Lubbock	John Wilkins	West Des Moines, IA	711
KRBA	TX	Lufkin	Carl Dabelstein	Lincoln, NE	665
KPDN	TX	Pampa	John Johnson	Sheridan, WY	714
KOLE	TX	Port Arthur	Carl Dabelstein	Lincoln, NE	769
KTEO	TX	San Angelo	Wayne Heinen	Colorado Springs, CO	565
KVIC	TX	Victoria	Ernie Wesolowski	Omaha, NE	860
KVIC	TX	Victoria	Carl Dabelstein	Omaha, NE	860
KTMP	UT	Heber City	Shawn Axelrod	Winnipeg, MB	940
KTMP	UT	Heber City	Tim Hall	US 6/50 at NV/UT Border, UT	170
KMTI	UT	Manti	Wayne Heinen	Colorado Springs, CO	367
WVNR	VT	Poultney	John J. Varljen, Jr.	Ashville, PA	340
WVNR	VT	Poultney	Barry McLarnon	Ottawa, ON	181
WSTJ	VT	St. Johnsbury	Jeff Falconer	Clinton, ON	479
WSTJ	VT	St. Johnsbury	Bruce Conti	Nashua, NH	119
WKEY	VA	Covington	Shawn Axelrod	Winnipeg, MB	1184
WKEY	VA	Covington	Gary Siegel	Toledo, OH	329
WHAP	VA	Hopewell	Barry McLarnon	Ottawa, ON	563
WHAP	VA	Hopewell	Gary Siegel	Toledo, OH	450
WJMA	VA	Orange	Gary Siegel	Toledo, OH	372
WVCV	VA	Orange	Barry McLarnon	Ottawa, ON	506
WBLB	VA	Pulaski	Russ Edmunds	Blue Bell, PA	368
KAGT	WA	Anacortes	John Campbell (SK)	Malnagen, Norway	4042
KLKI	WA	Anacortes	Tim Hall	Chilkoot Inlet, AK	901
KWLE	WA	Anacortes	Tim Hall	US 6/50 at NV/UT Border, UT	777
KLKI	WA	Anacortes	Tim Hall	Jasper, AB	362
KTCR	WA	Kennewick	Tim Hall	Chula Vista, CA	1053
KTCR	WA	Kennewick	Tim Hall	Jasper, AB	463
KAPA	WA	Raymond	Tim Hall	Vancouver, BC	180
KUOW	WA	Tumwater	Ron Schiller (SK)	Coeur D'Alene, ID	292
KVSN	WA	Tumwater	Tim Hall	Georgian Strait (near Parksville), BC	174
KWWX	WA	Wenatchee	Tim Hall	West Glacier, MT	300
KWWX	WA	Wenatchee	Tim Hall	Trail, BC	167
WXKX	WV	Clarksburg	Barry McLarnon	Ottawa, ON	479
WXKX	WV	Clarksburg	Steve Francis (SK)	Alcoa, TN	317
WEPM	WV	Martinsburg	Barry McLarnon	Ottawa, ON	423
WEPM	WV	Martinsburg	Steve Francis (SK)	Alcoa, TN	415
WMON	WV	Montgomery	Don Moore	Zion, PA	270
WXEE	WV	Welch	Gary Siegel	Toledo, OH	311
WLDY	WI	Ladysmith	Joe Kureth (SK)	Uniontown, MD	820
WLDY	WI	Ladysmith	Jeff Falconer	Clinton, ON	490
WJYI	WI	Milwaukee	Jeff Falconer	Clinton, ON	326
WRIT	WI	Milwaukee	John Johnson	Sheridan, WY	952
KSGT	WY	Jackson	Gary Siegel	Toledo, OH	1387
KYCN	WY	Wheatland	Phil Bytheway	Seattle, WA	933
KWOR	WY	Worland	John Rieger	L'Anse, MI	936
CFHC1	AB	Banff	Tim Hall	Lake Louise, AB	30
CIBQ	AB	Brooks	Shawn Axelrod	Winnipeg, MB	655
CIBQ	AB	Brooks	Niel Wolfish	Winnipeg, MB	655
CIBQ	AB	Brooks	Tim Hall	Omak, WA	372
CJCM	AB	Grand Centre	Phil Bytheway	Seattle, WA	708
CINL	BC	Ashcroft	Tim Hall	Peril Strait, AK	740
CINL	BC	Ashcroft	Tim Hall	Glacier National Park, MT	391
CINL	BC	Ashcroft	Tim Hall	Finlayson Channel, BC	333
CFKC	BC	Creston	Phil Bytheway	Seattle, WA	286
CKGF	BC	Grand Forks	Nancy Johnson	Aberdeen, WA	285

CKGF	BC	Grand Forks	Tim Hall	Lake Louise, AB	29
CKCR	BC	Revelstoke	Phil Bytheway	Seattle, WA	194
CKCR	BC	Revelstoke	Tim Hall	Fernie, BC	316
CIVH	BC	Vanderhoof	Tim Hall	Chilkoot Inlet, AK	171
CIVH	BC	Vanderhoof	Phil Bytheway	Seattle, WA	560
CIVH	BC	Vanderhoof	Tim Hall	Lake Louise, AB	450
CJNC	MB	Norway House	Shawn Axelrod	Swan River, MB	373
CKHV	NL	Happy Valley	Niel Wolfish	Louisbourg, NS	194
CFLW	NL	Wabush	Neil Kazaross	Pawtucket, RI	511
CFYK	NT	Yellowknife	Morris Sorensen (SK)	God's Lake Narrows, MB	794
CJLS	NS	Yarmouth	Jeff Falconer	Clinton, ON	898
CJLS	NS	Yarmouth	Russ Edmunds	Little Silver, NJ	768
CBON	ON	Chapleau	Tim Hall	(near) Chapleau, ON	472
CKNR	ON	Elliot Lake	Andy Rugg (SK)	Nuns' Island, QC	10
CKNR	ON	Elliot Lake	Gary Siegel	Toledo, OH	440
CFCH	ON	Hearst	Morris Sorensen (SK)	Leaf Rapids, MB	329
CFBQ	ON	Parry Sound	Jeff Falconer	Clinton, ON	840
CKAR1	ON	Parry Sound	Ron Schiller (SK)	Monmouth Beach, NJ	310
CKRE	ON	Red Lake	MB DXPedition&	Valhalla Beach, MB	463
CKOX	ON	Woodstock	Gary Siegel	Toledo, OH	125
CHAD	QC	Amos	Jeff Falconer	Clinton, ON	176
CJAN	QC	Asbestos	Gary Siegel	Toledo, OH	381
CJAN	QC	Asbestos	Charles Reh	Leamington, ON	645
CJAF	QC	Cabano	Andy Rugg (SK)	Montreal, QC	589
CHRD	QC	Drummondville	Neil Kazaross	Pawtucket, RI	273
CHRD	QC	Drummondville	Andy Rugg (SK)	Montreal, QC	279
CFOM	QC	Quebec	Gary Siegel	Toledo, OH	73
CJQC	QC	Quebec	Charles Reh	Leamington, ON	706
CKVT	QC	Temiscaming	MB DXPedition&	Arnes, MB	646
CFSL	SK	Weyburn	Carl Dabelstein	Omaha, NE	857
XEDH	MEX	Cd. Acuna, COA	Tim Hall	Big Bend National Park, TX	695
XEOS	MEX	Ciudad Obregon, SON	Tim Hall	Poway, CA	142
XELU	MEX	Ciudad Serdan, PUE	Tim Hall	Houston, TX	574
XEDKT	MEX	Guadalajara, JAL	Tim Hall	Chula Vista, CA	757
XECW	MEX	Los Mochis, SIN	Tim Hall	Rancho Bernardo, CA	1174
XEMT	MEX	Matamoros, TAM	Tim Hall	Junction, TX	704
XEMT	MEX	Matamoros, TAM	Mike Jeziorski	Juriquilla, QTR	348
XEAA	MEX	Mexicali, BCN	Ron Schiller (SK)	Monmouth Beach, NJ	402
XENV	MEX	Monterrey, NL	Tim Hall	Fort Stockton, TX	2354
XENV	MEX	Monterrey, NL	Mike Jeziorski	Juriquilla, QTR	394
XECR	MEX	Morelia, MICH	Mike Jeziorski	Juriquilla, QTR	342
XEBK	MEX	Nuevo Laredo, TAM	Don Trelford (SK)	Runaway Bay, Jamaica	85
XEBK	MEX	Nuevo Laredo, TAM	Tim Hall	Big Bend National Park, TX	1455
XERCH	MEX	Ojinaga, CHI	Tim Hall	4.5 mi NW of Fort Davis, TX	263
XESL	MEX	San Luis Potosi, SLP	Tim Hall	San Antonio, TX	79
XEZE	MEX	Santiago Ixcuintla, NAY	Tim Hall	16 miles west of Cabo San Lucas, BCS	531
ZBM2	BER	Hamilton	Charles Reh	Leamington, ON	326
ZBM2	BER	Hamilton	Marc DeLorenzo	Hyannis, MA	1185
CMHU	CUB	Cienfuegos	Don Trelford (SK)	Runaway Bay, Jamaica	714
WGBY	CUB	Guantanamo Bay	Ron Schiller (SK)	Lighthouse Point, FL	330
WNOZ	PR	Aguadilla	Cesar Objio (SK)	Santo Domingo, DR	543
WWNA	PR	Aguadilla	Shawn Axelrod	Marigot, St.Martin	180
WSTA	VIR	Charlotte Amalie	Tim Hall	Crane Beach, Barbados	269
HRH6	HNDS	San Pedro Sula	Ron Schiller (SK)	Lighthouse Point, FL	499
PRH6	B	Belo Horizonte	Pete Taylor	Rio de Janeiro, Brazil	920
ZYH886	B	Sao Luis	Neil Kazaross	Ogunquit, ME	211
HJFA	CLM	Barranquilla	Ron Schiller (SK)	Lighthouse Point, FL	3577
HJFB	CLM	Bogota	Carl Dabelstein	Lihue, HI	1092
----	CHN	Guangzhou	Pete Taylor	Hong Kong	5806
BEC48	CHN	Matsu	Frank Merrill	Nenana, AK	95
BBC	G	Lisnagarvey	Ron Schiller (SK)	Monmouth Beach, NJ	4627
		MB DXPedition & = Shawn Axelrod, Wayne McRae			3190

From the *DX News* archives

75 Years Ago – From the July 20, 1946 issue of *DX News*: Joseph Becker, Sr. will retire as president of the NRC on doctor's orders, and a new set of officers will be elected at the Buffalo convention. Ernie Cooper will take over as *DX News* editor, but Ray "Pop" Edge will continue to mimeograph and mail out the bulletin from Buffalo. Dick Cooper will succeed Ernie as CPC chairman. Kermit Geary of Walnutport, Pa. was pleased to receive a verification from CB120 in Valparaiso, Chile; according to the verification, Kermit's was the first U.S. report of this 1,000-watt station.

50 Years Ago – From the July 24, 1971 issue of *DX News*: Dennis Pimper was the winner of the 1970-71 domestic contest, with Jerry Conrad and Robert L. Neal, Jr. taking second and third place. Robert Bundy sent a DX report from the Caroline Islands, including Kuwait-1345 and XERF-1570 from Mexico.

25 Years Ago – From the July 15, 1996 issue of *DX News*: WRNJ-1000 Hackettstown NJ has moved to 1510 kHz. And ZJB-885 Montserrat has moved down to 880 kHz, much to the regret of many DXers. Dallas Lankford and Russell Scotka published an article about the new phased noise-reducing antennas they have been developing; these antennas approach the performance of full-size Beverage antennas using much less space. Meanwhile, Mark Connelly reviewed two new remotely tuned loop and whip antennas. Al Merriman published an unofficial NRC country list.

10 Years Ago – From the July 11, 2011 issue of *DX News*: Another 3-letter legacy call bites

the dust, KXL-750 Portland OR changes calls to KXTG. Several European stations were scheduled to close, including Denmark on 1062 kHz, Norway on 630 kHz, and MDR Info-882 in Germany. Numerous complaints were filed with the FCC against the renewal of Family Radio AM and FM licenses when the world did not end on May 21, 2011, as Family Radio's Harold Camping had been predicting. Richard Lauhead was the winner of the prize in the annual NRC contest for 2010-2011.

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>.

IRCA Publications Available

IRCA Slogans List (July 2020) – The 2020 Slogans List includes radio slogans from the US and Canada (over 4600) as gleaned from various DX publications and monitoring. The 2020 IRCA Slogans List is posted on the IRCA website for all to download.

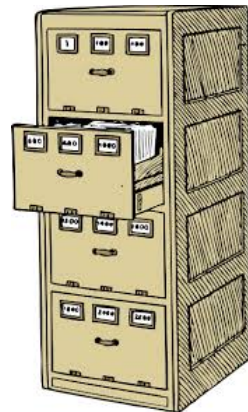
Click on this link: https://www.ircaonline.org/editor_upload/File/2020_IRCA_Slogans.pdf

IRCA Mexican Log, 23rd Edition (Fall 2020) – The **IRCA MEXICAN LOG** lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. Also, in this edition, there is a spread sheet with links to web sites, live broadcasts and Facebook page of many of the Mexican stations. This is an indispensable reference for anyone who hears Mexican radio stations. The 2020 Mexican Log .pdf is posted on the IRCA website for all to download.

Click here: https://www.ircaonline.org/editor_upload/File/2020-21_IRCA_Mexican_Log.pdf

IRCA TIS/HAR LIST (Summer 2020) – 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 and dates of DXM/DXN reports/sources. It has been updated with FCC data, DXM, DXN and DXer reports, and on-line listings through June 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



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