

DX News

Serving Medium Wave DXers since 1933

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RIP Ben Dangerfield: We are sad to pass along news of the passing of Ben Dangerfield, one of the NRC's longest-tenured members and leading foreign station DXers, and a longtime friend to many of our members.

From [legacy.com](https://www.legacy.com): "Benjamin Dangerfield III, age 98, died at home in Wallingford (PA) May 11, 2021. A graduate of Shady Side Academy in Pittsburgh and the University of Pennsylvania, Ben served as an army combat medic in Europe in WWII and later pursued a career in accounting. Ben had a life-long passion for travel and DXing foreign radio stations. He will be sorely missed by his wife of 73 years, Dorothy Jeanne, his daughter Jeanne (John) Broad, sons Dickson (Linda) and George (Holly) Dangerfield, grand-daughter Michele Dangerfield, and great-grandsons Cole, Logan, Aaron and Xander."

Mark Connelly sends this picture he took of Ben (right) and IDXD editor Bruce Conti at the Granite Pier DXpedition site in 2000:



Several members are in touch with Ben's family about preserving his QSLs and other records. We hope to have more information to pass along about this soon. Our condolences to Dorothy and all of Ben's family and friends.

Around 1988, Ben contributed to *DX News* a series of reflections on the history of the hobby and his own DXing. John Herkimer identified one

of Ben's articles in particular as worthy of reprinting; you can find it at page 27.

From the Publisher: We will now move to an every-four-weeks schedule over the summer months. We've got some material that we're holding onto in order to keep our summer issues full ... a detailed Ultralight Radio shootout piece by Gary DeBock, graveyard records, and more await your reading pleasure during the "down" part of the AM DXing year.

This issue we get caught up on DX Toolbox (including #132 which Shawn completed several months back but vanished into the ether; Shawn sent it to me again and we're up to date now.

Next issue might be a little bit late getting to you ... a family wedding has been postponed a couple of times due to Covid but has now been moved to our next deadline weekend, and after more than a year of staying home we're looking forward to getting away for a little bit and enjoying the ability to travel again! So the next issue will depend on when I get some time and wifi access.

Here's to hoping for a safe and healthy summer to all our members! 73 David

Membership Report

New Members: Welcome to Michael Connery, Verona, WI; Malcolm Kirk, Gravesend, England; Karl Prince, Castle Rock, CO; and Edward Zeiser, Chewelah, WA.

Renewing Members: Thanks for the ongoing support of Steve Chappell; Mark Connelly; John Connor; Edward Efchak; Lee Freshwater; Robert Galerstein; Alexander Hanson; Robert Lewallyn; Kenneth Lyon; Ronald J. Musco; Jerry Neal; Bob Rickelman; and Gary Wilt.

Volume 88 DXN Schedule

No	D'dline	Print	No	D'dline	Print
17	June 20	June 29	19	Aug. 15	Aug. 24
18	July 18	July 27	20	Sept. 12	Sept. 21

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 LETTER CHANGES

1250 KRRD AR Fayetteville – Call change to KPBI (May 14).

STATIONS GOING DARK (OR NOT)

990 WJEH OH Gallipolis – License surrendered by licensee May 17; FCC had initiated a hearing on the renewal application due to station's extended silence over years.
1200 WAXA FL Pine Island Center – License cancelled by FCC May 21; no explanation.
1210 KEVT AZ Sahuarita – License cancelled by FCC May 6; no explanation on FCC site but station has been silent since Jan. 11, 2020.
1270 WNOG FL Naples – License cancelled by FCC May 21; no explanation.
1460 WNPL FL Golden Gate – License cancelled by FCC May 21; no explanation.
1540 WJZI IN Decatur – License surrendered by licensee May 14.

Per Radio Insight via Shawn, the three FL stations above did voluntarily surrender their licenses to the FCC – normally the FCC posts the surrender notices but they haven't (yet) done so on these.



CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

1480 KPHX AZ Phoenix – Granted license to cover CP with U1 1000/33, new site (diplexed with KSUN-1400) at 33-23-21/111-59-53.

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

830 WACC FL Hialeah – Granted program test authority for CP with U4 4100/1000.
1080 KEMR NM Moriarty – Applies for license to cover CP with D1 2500 (ch 2000), ex-1090 kHz and ex-CoL Milan NM, new site 35-00-33/105-54-59.
1580 KCHA IA Charles City – Applies for license to cover CP with U1 490/10, corrected coordinates 43-03-11/92-40-13.

CPs granted:

790 KEJY CA Eureka – Granted CP with U1 500/340 on 760 kHz, new site (diplexed with KWSW-980) at 40-48-02/124-07-39.
860 WDMG GA Douglas – Granted CP with U1 1000/28, existing site but adjusted coordinates to 31-30-23/82-49-03.
950 WORD SC Spartanburg – Granted CP with U1 5000/65, existing site but adjusted coordinates to 34-58-52/81-59-11.
950 WBES WV Charleston – Granted CP with D1 5000, existing site but adjusted coordinates to 38-23-08/81-42-51.
1070 WNCT NC Greenville – Granted CP with U1 5000/13, existing site but adjusted coordinates to 35-36-11/77-25-35.
1320 KXYZ TX Houston – Granted CP with U4 8400/2800, new site (current site of KBME-790, to be triplexed also with KPRC-950) at 29-54-56/95-27-42.

Applications for CPs received:

800 WPJM SC Greer – Applies for CP with U1 1000/530, Valcom antenna at new site 34-56-55/82-11-27; needs to move by the end of 2021 as existing site will be lost.
1110 WOMN LA Franklinton – Applies for an umpeenth CP on 1100 kHz, this one with D1 15000 (ch 10000), new site (diplexed with WUUU-98.9) at 30-44-12/90-12-04.
1200 WFCN TN Nashville – Applies for CP with D1 2000, existing site.

- 1400 WWTM AL Decatur – Applies for a new CP on 1390 kHz, CoL to Mooresville AL, D1 330, different new site 34-41-22/86-49-10; has a CP for D1 310 at another site in Mooresville that has not worked out.
- 1560 WWYC OH Toledo – Applies for CP with U1 1000/3 (ch 920), existing site.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

- 830 KLAA CA Orange – Granted STA, U1 50000/5000, attack of the copper thieves.
- 990 WNML TN Knoxville – Granted STA, night parameters at variance, damage to ground system during recent landscaping work around one of the towers.
- 1230 KOBB MT Bozeman – Granted STA, U1 47/47, 200' LW at 45-39-26/110-48-22; silent station needs to broadcast and has lost licensed facilities.
- 1300 WFFG FL Marathon – Granted STA, U3 300/300 with a portable generator; tower is on uninhabited island that permanently lost access to electrical power in 2018.
- 1310 KKZI CA Barstow – Granted STA, U1 100/100, whip at 34-53-30/116-43-16; has lost licensed site.
- 1450 KSEL NM Portales – Granted STA, U1 400/400, wind damage to antenna system.
- 1470 WMBD IL Peoria – Granted STA, parameters at variance, tuning unit malfunction.
- 1560 KTXZ TX West Lake Hills – Granted STA, U1 625/625, copper thieves.
- 1600 WEJS PA Jersey Shore – Granted STA, U1 200/200, day/night switch not working.

Applications for STAs received:

- 790 WAEB PA Allentown – Applies for STA, parameters at variance during tower work.
- 1480 WDYS IL Geneva – Applies for STA, D1 250 from CP site for field test measurements.

Application for STAs dismissed:

- 610 WIOD FL Miami – Application for STA with night parameters at variance dismissed; station is back to normal operations.

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

- 570 WAAX AL Gadsden – Granted STA extension, U1 5000/125.
- WTBN FL Pinellas Park – Granted STA extension, U1 1250/1250.
- 600 WSJS NC Winston-Salem – Granted STA extension, U1 1250/1250.
- 900 WNMB SC North Myrtle Beach – Granted STA ext., U1 50/50, 61m LW 33-50-05/78-47-03.
- 950 WORL FL Orlando – Granted STA extension, U4 12000/10000, Cuba QRM.
- 960 WHYL PA Carlisle – Granted STA extension, U1 1300/22, WCAT-FM-102.3 tower.
- 980 KTCR WA Selah – Granted STA extension, U1 1000/125 from KRSE-105.7 tower.
- 1080 WQOS FL Coral Gables – Granted STA extension, U4 50000/20000, Cuba QRM.
- WKJK KY Louisville – Granted STA extension, parameters at variance.
- 1110 WOMN LA Franklinton – Granted STA extension, D1 170, 224' LW at 30-44-13/90-12-07.
- 1220 KLBB MN Stillwater – Granted STA extension, U1 20/20, 70' LW at 45-04-08/92-48-23.
- WHKW OH Cleveland – Granted STA extension, U3 5000/5000.
- 1260 WSHU CT Westport – Granted STA extension, U1 250/2, LW at 41-07-42/73-23-26.
- 1340 KSGT WY Jackson – Granted STA extension, U1 500/500, 100' LW at 43-27-43/110-45-10.
- 1400 WFPA FL Fort Payne – Granted STA extension, U1 200/200, 167' LW at 34-26-32/85-43-17.
- 1410 WSHY IN Lafayette – Granted STA extension, U1 260/29 or parameters at variance.
- 1450 WTKI AL Huntsville – Granted STA extension, U1 550/550, 169' LW at 34-43-43/86-36-01.
- 1460 WSRQ TN Mount Pleasant – Granted STA ext., U1 500/120, 48.8m LW 35-34-20/87-11-20.
- 1470 WTZE VA Tazewell – Granted STA extension, D1 1000.
- 1480 WYZE GA Atlanta – Granted STA extension, U1 10/10, whip at 33-42-16/84-22-40.
- 1490 WSVM NC Valdese – Granted STA extension, U1 500/500, 210' LW at 35-44-17/81-33-26.
- 1520 KOKC OK Oklahoma City – Granted STA ext., U1 10000/10000, tower 35-20-01/97-30-18.
- 1540 KXPA WA Bellevue – Granted STA extension, U1 5000/1250.
- 1580 KQFN AZ Tempe – Granted STA extension, U1 7000/95 from KSUN-1400 tower.
- 1600 KLEB LA Golden Meadow – Granted STA extension, U1 720/60.
- WLXE MD Rockville – Granted STA extension, U1 1000/9.
- 1700 WRCR NY Ramapo – Granted STA extension, U1 2500/250, 175' LW at 41-11-22/74-00-55.

Applications to extend previously granted STAs received from WKAQ-580 San Juan PR, KUGN-590 Eugene OR, WVNN-770 Athens AL, KTRB-860 San Francisco CA, WIPR-940 San Juan PR, KCKN-1020 Roswell NM, KSDO-1130 San Diego CA, KYWL-1490 Bozeman MT, WBSG-1510 Lajas PR, and WWRL-1600 New York NY.

SILENT STATIONS

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

- 690 KEII ID **Blackfoot** – Silent Feb. 25; back on the air May 12 with new transmitter.
 1080 KWAI HI **Honolulu** – Silent May 20, 2020; back on the air May 18.
 1220 WATX CT **Hamden** – Silent June 25, 2020; back on the air with STA May 9.
 1230 KHDN MT **Hardin** – Silent Aug. 1, 2020; back on the air Apr. 30.
 1300 WFFG FL **Marathon** – Silent May 28, 2020; back on the air with STA May 18.
 1510 KSPA CA **Ontario** – Silent May 6, 2020; back on the air with STA Apr. 27.
 1600 WEJS PA **Jersey Shore** – Silent May 16, 2020; back on the air with STA May 14.

Stations informing the FCC that they are silent:

- 730 WJYM OH **Bowling Green** – Silent Apr. 13, tower work.
 1030 KDUN OR **Reedsport** – Silent Dec. 1, 2020, loss of internet connection.
 1170 WCXN NC **Claremont** – Silent Apr. 1, damage to tower.
 1270 WHGS SC **Hampton** – Silent May 1, poor sales, and pending anticipated CP application.
 1460 KCWM TX **Hondo** – Silent Apr. 28, tornado destroyed tower and transmitter building.

NRC AM Log Updates

See the front page of last issue for how you can help with the upcoming 42nd Edition of the *AM Radio Log*! A little *Log* help: Does anyone know what format 1350 WNVA Norton VA is using? I've seen both Christian & Rock listed by sources.

- 590 CFTK BC **Terrace** – Slogan to “Bounce Radio 590.” (JP)
- 660 WXIC OH **Waverly** – Adds // W240DZ-95.9. (FCC)
- 710 CKVO NL **Clareville** – // VOCM-590. (JP)
- 760 KGU HI **Honolulu** – Format to SPT (ex-BIZ); slogan to “The Shark,” networks to SMR. (RI)
- 770 KTTH WA **Seattle** – Networks to Fox/P/SRN/WW1. (RInk)
- 790 WSGW MI **Saginaw** – Networks to C/Bf/P/DR/C2C; adds // WSGW-FM-100.5. (StIntel)
- 800 CKOR BC **Penticton** – Format to AC (ex-OLD/AC); slogan to “Bounce Radio 800.” (JP)
- 870 WLVP ME **Gorham** – Adds // W286DR-105.1. (FCC)
- CKIR BC **Invermere** – Format to AC (ex-AC/OLD); slogan to “106.3 Bounce Radio” // CKGR-106.3. (JP)
- 890 WYAM AL **Hartselle** – Delete // W243EP-96.5. (RI)
- 900 WKDA TN **Lebanon** – Adds // W270DM-101.9. (FCC)
- 910 KNAF TX **Fredericksburg** – Slogan to “AM Country 910.” (StIntel)
- 940 WGFP MA **Webster** – Adds // W257EH-99.3. (FCC)
- WFAW WI **Fort Atkinson** – Networks to Nn. (DXMid)
- 950 WHVW NY **Hyde Park** – Adds // W243EI-96.5. (FCC)
- 980 KWSW CA **Eureka** – Adds // K238CJ-95.5. (FCC)
- 990 WMYM FL **Kendall** – Adds // W254DT-98.7. (FCC)
- 1000 WCMX MA **Leominster** – Format to REL (ex-REL); slogan & Group to Grp= Renew FM. (StIntel)
- 1100 WZFG MN **Dilworth** – Adds // K222DF-92.3. (NP)
- 1140 KHFX TX **Cleburne** – Delete // K229DR-93.7. (FCC)
- 1170 WDEK SC **Lexington** – Format to GOS (ex-UC:OLD); slogan to “Praise 97.9 and 1170.” (StIntel)
- 1180 KERN CA **Wasco-Greenacres** – Networks to A/SRN/Ru/RA/DR/WW1/RER. (RI)
- 1190 WOWO IN **Fort Wayne** – Networks to Fox/NIn/P/Ru/C2C. (WH)
- 1210 KMIA WA **Auburn-Federal Way** – Format to SS:REL (ex-SS:MEX); slogan to “Amor 1210.” (NWB)
- 1220 WATX CT **Hamden** – Format to OLD (ex-NOAA Wx); slogan to “Connecticut Gold.” (StIntel)
- 1230 KFJB IA **Marshalltown** – Adds // K230CB-93.9. (NP)
- WCMD MD **Cumberland** – Format to TLK/SPT (ex-SPT); slogan & Group to Grp= News-Talk-Sports. (StIntel)
- WFAS NY **White Plains** – Format to TLK/SPT (ex-SPT); networks to WW1/JBo/CS/RER. (RI)



- 1240 WFOY FL **Saint Augustine** — Slogan to “The New Talk Leader,” networks to C/Fn/DR/Ru/CMP/C2C. (RI)
- 1310 WICH CT **Norwich** — Adds // W233DB-94.5. (FCC)
 KLIX ID **Twin Falls** — Adds // K241DD-96.1 (DXMid)
 KOKX IA **Keokuk** — Adds // K227DO-93.3. (FCC)
 KNOX ND **Grand Forks** — Slogan & Group Grp= News Radio 1310 AM & 107.9 FM. (NP)
- 1340 WMHZ AL **Holt** — Slogan & Group to Grp= Rock 106.3. (FCC)
 KACH ID **Preston** — Slogan & Group to Grp= Favorites 105. (FCC)
 KSID NE **Sidney** — Slogan to “Cheyenne County Country.” (NP)
 CFKC BC **Creston** — Slogan to “Bounce Radio” // CJAT-FM 95.7. (JP)
- 1350 KABQ NM **Albuquerque** — Networks to Nn. (WH)
 WPDR WI **Portage** — Networks to Nn/Bf/WW1. (DXMid)
- 1390 WKLP WV **Keyser** — Format to TLK/SPT (ex-SPT); Group to Grp= News-Talk-Sports. (StIntel)
- 1400 WQXO MI **Munising** — Slogan to “Good Time Oldies.” (DXN)
 WRJN WI **Racine** — Networks to Nn/Fox/Wi/Bf. (DXMid)
 WRDB WI **Reedsburg** — Networks to Nn/WW1/Wi/Bf. (JJR)
- 1420 WAOC FL **Saint Augustine** — Format to REL (ex-SPT), drop nets; slogan & Group to Grp= Way Radio. (RI)
 WKWN GA **Trenton** — Slogan to “News Radio KWN,” “K-Win.” (DXN)
 KTOE MN **Mankato** — Slogan & Group to Grp= Information Radio. (NP)
 WRSA VT **Saint Albans** — Format to AC (ex-BIZ); networks to WW1, Group to Grp= Mix 102.3. (StIntel)
- 1440 WNPV PA **Lansdale** — Format to CCR (ex-NWS/TLK/SPT), drops nets; Group to Grp= Word FM (ex-Grp= Talk of the Suburbs). (StIntel)
- 1460 KZNT CO **Colorado Springs** — Networks to Fox/SRN. (WH)
 WBOG WI **Tomah** — Networks to Nn/Wi/WW1. (DXMid)
- 1470 KHND ND **Harvey** — Adds // K258DT-99.5. (FCC)
 WIBD WI **West Bend** — Networks to Nn/Bf/Wi/PRN. (JJR)
- 1480 WDYS IL **Geneva** — Adds // W268DB-101.5. (FCC)
 KNGO TX **Dallas** — Slogan & Group to Grp= Viet Radio. (FCC)
- 1490 KZNB CA **Petaluma** — Slogan to “La Z,” adds // K298AZ-107.5; delete Grp= El Patron. (RI)
 WLXR WI **La Crosse** — Networks to Nn. (DXMid)
- 1510 WCAZ IL **Carthage** — Slogan to “Real Country,” networks to Fox/WW1. (DXN)
- 1520 WKVI IN **Knox** — Format to NWS (ex-C&W); slogan to “All News 1520.” (StIntel)
- 1560 KGOW TX **Bellaire** — Slogan & Group to Grp= Viet Radio. (FCC)
 WBYM PR **Bayamón** — Adds // W251DA-98.1. (FCC)
- 1570 KZWC IA **Webster City** — Slogan to “The Breeze 92.9 FM.” (StIntel)
 WPGM PA **Danville** — Slogan to “Information & Inspiration.” (SK)
- 1580 WPJK SC **Orangeburg** — Adds // W225DB-92.9. (FCC)
- 1590 WXRS GA **Swainsboro** — Slogan & Group to Grp= 97.1 The Rocket. (FCC)
- 1590 WFBR MD **Glen Burnie** — Format to UC:AC (ex-UC:OLD/GOS); delete slogan. (SK)
 KGFK MN **East Grand Forks** — Slogan & Group to Grp= Rock 95. (NP)
- 1600 KTAP CA **Santa Maria** — Slogan to “Radio Oaxaca.” (DXMon)
- 1640 WSJP WI **Sussex** — Slogan & Group to Grp= Relevant Radio Milwaukee. (FCC)
- 1690 WPTX MD **Lexington Park** — Format to AC/EZL (ex-NOS); slogan to “Your Easy Favorites.” (SK)



New Groups

- Grp= 97.1 The Rocket – WXRS-1590, W246BQ-97.1, W228EB-93.5 (FCC)
 Grp= Favorites 105 – KACH-1340, K288AG-105.5, K291CV-106.1 (FCC)
 Grp= Information Radio – KTOE-1420, K274AL-102.7, K254DT-98.7 (NP)
 Grp= News Radio 1310 AM & 107.9 FM – KNOX-1310, K300BG-107.9, K277DN-103.3 (NP)
 Grp= News-Talk-Sports – WCMD-1230, WKLP-1390, W271AT-102.1 (StIntel)
 Grp= Relevant Radio Milwaukee – WSJP-1640, WSJP-FM-100.1, W260DP-99.9 (FCC)
 Grp= Rock 95 – KGFK-1590, K239BG-95.7, K248DH-97.5 (NP)
 Grp= Rock 106.3 – WMHZ-1340, W292DU-106.3, W267CZ-101.3 (FCC)
 Grp= Viet Radio – KGOW-1560, KNGO-1480, K229DR-92.1 (FCC)

Group Name Changes

- Grp= Talk of the Suburbs becomes Word FM (StIntel)



Group Changes

Grp= 650 Country adds K271DB-102.1 Gunnison (FCC)

Grp= El Patron drops KZNB-1490 & K273CU Petaluma, and K298AZ Santa Rosa (RI)

Grp= Finger Lakes News Radio drops W251AJ-98.1 Melrose Park and adds W242DC-96.3 Auburn (FCC)

Grp= GEM 104 FM adds W260DV-99.9 Mehoopany/Tunkhannock (FCC)

Grp= Inspiration & Information adds W246DR-97.1 Lumberton (FCC)

Grp= Jefferson Public Radio adds K242DD-96.3 Roseburg (FCC)

Grp= Renew FM adds WCMX-1000 Leominster (StIntel)

Grp= Way Radio adds WAOC-1420 Saint Augustine and W243AW-96.5 Middleburg (RI)

Grp= We've Got Personality adds W247DE-97.3 Old Saybrook (FCC)

Grp= WRNA/WRKB adds W229DL-93.7 China Grove (FCC)

Deleted Groups – Grp= ESPN 1230/1390 (RI)

Our Thanks to our Contributors and Various Media Sources: (DXMid) DX Midamerica; (DXMon) DX Monitor; (DXN) DX News; (FCC) FCC; (JJR) John J Rieger; (JP) Jon Pearkins; (NP) Northpine.com; (NWB) Northwest Broadcasters; (RI) Radio Insight; (RInk) Radio Ink; (SK) Steve Kennedy; (StIntel) StationIntel.com; (WH) Wayne Heinen.

GRAVEYARD DX UPDATE

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

TimHall1@gmail.com

1230 kHz

WJNO	FL	West Palm Beach	Don Moore	Santa Barbara, HOND	939
WESX	MA	Salem (Nahant)	Don Moore	Zion, PA	362
WMPC	MI	Lapeer	Don Moore	Zion, PA	325

1240 kHz

WBCF	AL	Florence	Don Moore	Zion, PA	690
WSBC	IL	Chicago	Don Moore	Zion, PA	525
WHA1	MA	Greenfield	Don Moore	Zion, PA	285
WGCM	MS	Gulfport	Don Moore	Santa Barbara, HOND	1070

1340 kHz

WMON	WV	Montgomery	Don Moore	Zion, PA	270
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1400 kHz

WFDM	FL	Fort Walton Beach	Don Moore	Santa Barbara, HOND	1074
WIDE	ME	Biddeford	Don Moore	Zion, PA	408
WAVQ	NC	Jacksonville	Don Moore	Zion, PA	426

1450 kHz

WSPB	FL	Sarasota	Don Moore	Santa Barbara, HOND	930
WPVD	RI	West Warwick	Don Moore	Zion, PA	324

1490 kHz

WCCM	MA	Haverhill	Don Moore	Zion, PA	362
WMRC	MA	Milford	Don Moore	Zion, PA	330
WUVR	NH	Lebanon	Don Moore	Zion, PA	336
KBZY	OR	Salem	Tim Hall	US 6/50 at NV/UT Border, UT	619
XEME	MEX	Matamoros, TA	Don Moore	Santa Barbara, HOND	966

Total Stations Heard

<u>DXer</u>	<u>DX Location</u>	<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	<u>Total</u>
Tim Hall	- US 6/50 at NV/UT Border, UT	40	38	36	45	39	42	240

The new record for WMON beat the old record by one mile. By the way, it's not necessary for you to calculate any distances when you submit possible records. As long as I have your precise listening location (address or latitude/longitude) I should be able to calculate the distance to each station's transmitter site. 73 Tim

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

- 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**

AM STEREO TEST

- 1430 WION MI Ionia – 4/25 0004 – In CHKT and WNSW mix with several rapid “WION” Morse code IDs. At 0004 rising tone easily heard and seen in the SDR waterfall. Station promo at 0105: “...or iPhone...or plug us in for miles of entertainment here on WION.” Another station promo at 0147: “You’ll hear the... station with full FM stereo on 92.7, 100.3...central Michigan’s...” (KK-VA)



LOGGINGS

- 750 WARD MI Petoskey – 5/5 2356 – After tuning in occasionally over the past few hours, hearing various oldies (including “Betty Davis Eyes” by Kim Carnes twice), finally heard “This is WARD Petoskey” by a female announcer at 2357, more music. First time heard at this location. (PS-ON)
- 850 WYLF NY Penn Yan – 5/3 0600 – Tom Jones lamenting his never falling in love again around the 0600 break. Missed the ID but got a clear mention of the Finger Lakes. Checked their internet feed for song confirmation. At daytime power. (JW-PA)
- WKGE PA Johnstown – 5/11 0527 – Coming in OK at this time with a nice “the new 101.3 WKGE Johnstown” ID. 850 was dominated by ESPN Sports during the period with seamless reception of WTAR-Norfolk and WKNR-Cleveland network programming, except for the IDs. (JW-PA)
- 960 WTCH WI Shawano – 5/5 2310 – “The Gambler” by Kenny Rogers, song montage and “WTCH” ID at 2312 into more music. Fair at times to very poor in station mix including WFIR and WERC. // to Tune In stream. First time heard at this location. (PS-ON)
- 1300 WFGM WV Morgantown – 5/19 0518 – Call sign ID at this time, unsure of programming, but heard “All New 92.1 and 93.1 WFGM” ID at 0538. (JW-PA)
- 1310 WTZN PA Troy – 5/21 0424 – Playing Neil Diamond “Cherry Cherry” at this time. Checked with net feed. “Oldies Channel” slogan ID later on. In fairly well. (JW-PA)
- 1420 WACK NY Newark – 5/6 0723 – Over CHKT-1430 slop with string of Ad Council PSAs and promo for Yankees baseball “on 1420 WACK, your hometown station.” (MKB-ON)
- 1430 WNSW NJ Newark – 4/24 2300 – In CHKT and WION mix with “Your New York radio... WNSW... Oakland... 14-30 and 11-60 AM” ID. (KK-VA)
- 1490 WBTA NY Batavia – 5/16 0701 – Steady on groundwave with “Things We Do for Love” by 10 CC, “100.1 and 1490 WBTA Batavia” ID. (MKB-ON)



Unreported Domestic Stations

One station was reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WMGG-1470. Now there are only 259 stations in the United States and Canada not reported to DDXD at all during this period, exclusive of low-powered TIS/HAR and LPRT stations. Can you log and report one for next issue? The most recent list was published in issue #1 – if you’d like an updated list by e-mail, send a request to the publisher at NRCDXNews@gmail.com.

Domestic DX Digest – West

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

w_r_hale@sbcglobal.net

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

- Please submit all reports in the format seen below: Frequency, Calls, State, City, Date and Time. Send either within an email, or as an attachment in plain text or RTF. That saves me time, and frustration. All times are Eastern Local Time (ELT)!! Your cooperation is much appreciated. In some instances, minor editing may occur. Reports older than 30 days may be excluded at the editor's discretion.
- 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.

Upcoming deadlines for DDXD-West:

Issue 17 – Friday, June 18, 2021; Issue 18 – Friday, July 16, 2021

--- REPORTERS ---

RA-CA	René Auvray Gardena, California Receiver: 2020 Toyota Corolla radio
NB-WI	Neil Bartlett Verona, Wisconsin Receiver: Eton Executive Elite
MF-CA	Martin Foltz Mission Viejo, California Receivers: Sony SRF-M37W, HQ-180A; Antenna: 75' wire
MJ-QRO	Mike Jeziorski Juriquilla, Queretaro, Mexico Receiver: Perseus; Antenna: W6LVP loop < mjeziorski@gmail.com >
TK-FL	Terry Krueger Niceville, Florida Receivers: IC-R75, NRD-535, ICF-7600GR; Antennas: active loop, random wire
DLR-NV	David Reitz Las Vegas, Nevada Receiver: Tecsun PL880; Antenna: Tecsun 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

(((OSCILLATING)))

1230.10+/- WDWR FL Pensacola – Heard poorly in local noise. Local daytime, consistently off-channel, varying slightly and usually on the down end. U1 790/790, if anyone else hears something here. EWTN programming. (TK-FL)

--- TIS/HAR ---

1690 WRMJ769 CALake Forest – 5/14 2121 – First noted with generic ID mentioning Information Radio Stations and about nine minute long message mostly about emergency preparedness. Then heard 5/17 2357 with short ID loop by man mentioning regular programming to start July 2021. 5/18 added an announcement by a woman. Will cover city events, emergency preparedness and city events. (MF-CA)

--- UNID ---

UNID DEPARTMENT

750 unID - 4/27 2303-2309 – With Spanish music. Likely an 'XE'?, but where? (RA-CA)

1379.731 unID - 5/9 0616 – Per D. Crawford tip from his NC location. . . big het with no audio poking out. (TK-FL)

1420 unID - 5/15 0659 – ‘The Coffee Bean Grinder.’ Loud, grinding buzz right on frequency. Doesn't appear to be anything locally spurious, as faded out an hour or so after sunrise. Pointing NE/SW like most things do from here. Seemingly not an all-digital MA3 mode station, based on the WMGG 1470 kHz digital hash as an annoying audio reference. (TK-FL)

1470 unID - Someone noted here since early May from at least around 0650, only some days presumably due to propagation and various co-channel, with a 1000 Hz test tone. Long cycle, with occasional short silence gaps, always lost at 0700. (TK-FL)

UNID HELP DEPARTMENT

Martin Holtz of Mission Viejo, California writes to give **René Auvray** of (~ 45 mile distant) Gardena, California a helping hand with his unIDs from last Issue. Martin's suggestions follow the original data.

- 940 unID ?? - 4/13 2308-2310 - Playing two old Rhythm & Blues records. Competing with KFIG Fresno. (RA-CA) **Martin writes: "XEMMM Mexicali?"**
- 1200 unID ?? - 4/15 0011 - With a commercial for 'moneywire' mentioning their website. (RA-CA) **Martin: "Typically two REL stations are heard at night but WOAI is an occasional visitor."**
- 1380 unID ?? - 4/13 2303 - With Country music. Cutting through QRM. No ID heard. (RA-CA) **Martin: "KLPZ Parker AZ is heard here."**
- 1400 unID ?? - 4/5 0003 - Country music station fighting QRM. (RA-CA) **Martin: "KCYK Yuma AZ "Outlaw Country" is heard here."**
- 1420 unID ?? - 4/3 0009 - With Country music and a mention of a show host Scott Carroll. (RA-CA) **Martin: "KMOG Payson AZ is heard here."**

--- DX LOGGINGS ---

- 540 KNMX NM Las Vegas - 5/6 0634 - Very poor, with SS/EE sweeper and calls at 0637. CBK in earlier, though not strong. (JJR-WI)
- 550 KFYI AZ Phoenix - 4/27 2301-2303 - FOX News with stories including 'Covid 19' and 'The Andrew Brown, Jr. shooting.' Then an ad for an event in Scottsdale. QRM from KUZZ. **First time heard in SoCal.** Last heard in Henderson, Nevada. (RA-CA)
- 560 KLZ CO Denver - 5/6 0606 - Poor, with "Angie & Mike, AM 560-KLZ." No sign of KMON today. (JJR-WI)
- 610 WTEL PA Philadelphia - 5/14 0536 - BIN News, 'I Heart' promo. No calls heard. Poor, but alone. (JJR-WI)
- 620 WTRP GA La Grange - 5/7 0720 - Jumped to this channel after hearing a dual WTRP/WRLA ID on 1490 kHz, and indeed, here weakly with Jackson Browne's 'The Load-Out/Stay' as spinning on WRLA. **First time log.** (TK-FL)
- 640 KWPN OK Moore - 5/6 0600 - Legal ID after a PSA, then mention of KWPN being "a Cumulus Radio Station" and an "ESPN 640" slogan. Atop, but poor. (JJR-WI)
- 690 WQNO LA New Orleans - 5/17 0611 - Poor, with Catholic chatter. Alone, steady. (JJR-WI)
- 690 KFXN MN Minneapolis - 5/6 0559 - With Hmong chanting and singing. Poor . . . unusual to hear this. (JJR-WI)
- 690 KTSM TX El Paso - 5/9 0630 - Poor - "El Paso's News Radio KTSM" into Covid numbers. Poor, possibly WQNO in prior. (JJR-WI)
- 700 KGRV OR Winston - 5/14 2325 - Tuned in to religious talk: "Grace To You" program. Local ad for 'Shiloam Ministries' in Klamath Falls. Area code 541. ID: "KVIP Ministries, KVIP Redding, KGRV Winston. KNWR Elkinsburg, KNDZ ???" [KNDZ is 89.3 in McKinleyville, California - Ed.]. Into more religious talks. Fair, with usual KALL. (DLR-NV)
- 740 WNOP KY Newport - 5/17 0552 - Poor, with recitation of the Rosary. EWTN fare. CFZM in fade-out. (JJR-WI)
- 770 KATL MT Miles City - 5/6 0554 - Poor, with "Miles City" at end of an ad, 'KATL' jingle. 'Teenage Dream' by Katy Perry. WABC weak. (JJR-WI)
- 770 WAIS OH Buchtel - 5/8 0635 - Poor and alone and atop, with Ronald Dart's 'Born to Win' ministerial program // stream. (JJR-MI)
- 770 KAAM TX Garland - 5/8 0658 - "K-double-A-M" IDs and promos for evangelical programs. Excellent before XEANT sign-on. TX #68. (MJ-QRO)
- 780 WAVA VA Arlington - 5/17 0559 - Poor, easily noticeable last night (late?) and this morning. REL and Legal ID. (JJR-WI)
- 790 KGHL MT Billings - 5/7 0613 - "KGHL . . . mighty 790.com" contest info between Country songs. Poor, over others. (JJR-MI)
- 790 WETB TN Johnson City - 5/16 0542 - Poor, with promo for "Satur day morning on 93.7" With others. Only fit. (JJR-WI)
- 800 KQAD MN Luverne - 5/10 0715 - Poor, with 'Agricultural Report,' Area Code 507 given in four ads over 14 minutes. Assumed. Rare! (JJR-MI)
- 800 CHAB SK Moose Jaw - 5/16 0540 - 'Hot Girls in Love' by Lover Boy. Poor, with calls. Alone, basically. (JJR-WI)



- 810 KLVZ CO Brighton – 5/7 0630 – “. . . listen all day at work, with the mobile app . . . the Legends 95.3 . . .” Billy Joel song. Poor. (JJR-MI)
- 860 KTRB CA San Francisco – 4/20 2359-0000 – Mention of being owned by Salem Communications, call ID and mention of the ‘George Floyd court verdict.’ QRM. Did not hear XEMO. **First time heard.** . . but then heard two weeks later . . . (RA-CA)
- 860 KTRB CA San Francisco – 5/9 0617 – Sebastian Gorka and ‘AMerica First,’ with ‘Balance of Nature,’ ‘Trinity Credit’ and ‘Bitazza.com’ mentions, followed by “860 AM the Answer . . . on the Audacity app” into talk. Poor, with Country music in background. CJBC in later. (JJR-WI)
- 870 KFJZ TX Fort Worth – 5/8 0658 – Legal ID with “102.5 K273CS.” Poor, but no WWL. TX #69. (MJ-QRO)
- 880 KRVN NE Lexington – 4/27 (?no time!) – Ad for employment with a trucking company mentioning Arkansas, followed by weather. QRM from KRLA-870. **First 880 heard while in SoCal.** (RA-CA)
- 900 CKBI SK Prince Albert – 5/12 0646 – “Saskatchewan Country CKBI” inserts between songs. Poor, with CHML. (JJR-MI)
- 910 KJJQ SD Volga – 5/12 0606 – Very poor, though “Count on KJJQ” said twice. No KCJB or WFDF today. (JJR-MI)
- 920 KDHL MN Faribault 5/9 0528 **Poor-** “HS ports, as heard on KDHL....” and no CFRY at all! (JJR-WI)
- 920 KWAD MN Wadena – 5/9 0608 – Poor, with “Lakeland Health System, call them at 218-894-????,” then weather. No CFRY . . . and WMPL in weak. (JJR-WI)
- 930 WKBM IL Sandwich – 5/8 0559 – “Relevant Radio phone number.” Unusual, as no KKin. Assumed, though it wasn’t KHJ, hi! Poor. (JJR-MI)
- 940 KIXZ TX AMarillo – 5/7 0608 – TSN Texas State News reports. Poor, though alone for most of the hour. (JJR-MI)
- 950 WNTD IL Chicago – 5/9 0526 – Poor, by turning loop, but, Relevant Radio was in. Up here, not too common. (JJR-WI)
- 950 CFAM MB Altona – 5/7 0607 – Poor, with Classical. “Music til dawn . . .” with calls. No WWJ until later on. (JJR-MI)
- 960 KKNT AZ Phoenix – 4/29 2120 – ID: “960 The Patriot,” local ads including ‘Mi Patio’ Mexican restaurant, plus others with 480 area code. “960 The Patriot” into talk show, with talk of Israel. A nice surprise, as I almost always hear sports on 960. (DLR-NV)
- 970 WZAM MI Ishpeming – 5/14 0530 – “ESPN U.P.” and “ESPN Overnight.” Poor, though alone. (JJR-WI)
- 1010 CBR AB Calgary – 5/7 0605 – Very poor, though CBC sounder popped through, no CFRB, WINS. “660 News” not in. (JJR-MI)
- 1020 KCKN NM Roswell – 5/7 0601 – Poor, though alone, with usual long string of Legal IDs. (JJR-MI)
- 1030 KBUF KS Holcomb – 5/18 0619 – “Your Ag leader – KBUF” between Country songs. Poor, with WBZ way in back. (JJR-MI)
- 1040 WHO IA Des Moines – 4/26 0115-0117 – Mentioning a business with a toll-free phone number. Weak and fading. Heard when in Henderson, Nevada, but **this is my first ‘W’ call while here in SoCal!** (RA-CA)
- 1040 CKST BC Vancouver – 5/10 0601 – Very poor, with comedy and laughter noticeable in WHO null. (JJR-MI)
- 1060 KNLV NE Ord – 5/6 0716 – Poor, with songs by Fleetwood Mac and Robert Palmer. “Classic Hits 93-9, AM 1060 KNLV.” (JJR-WI)
- 1060 CKMX AB Calgary – 5/12 0540 – Poor, with “Calgary’s only . . .” into comedy bit. Heard in passing. (JJR-MI)
- 1070 KNX CA Los Angeles – 5/6 0608 – “KNX 1070 News Radio.” Promo for Audacy, and “. . . the NewsWatch never stops.” Time check at 0615. Poor. (JJR-WI)
- 1070 KFTI KS Wichita – 5/9 0559 – “Classic Country 1070.” Poor, through many promos for podcasts on WTSO. (JJR-WI)
- 1070 KOPY TX Alice – 5/8 0701 – “You’re listening to KOPY, ?, Alice.” Very poor, but alone. TX #70. (MJ-QRO)
- 1080.115 WKAC AL Athens – 5/19 0726 – The Eagles’ ‘Hotel California,’ then quick local news summary and weather at bottom of the hour, ID, into ‘You Make Me Believe’ by the Bay City Rollers. Song scroll display and stream on their website. Yet another off-channel station. (TK-FL)



- 1080 KSSL UT Price – 4/26 2155 – Local ads and ID: “True Country 104.9 FM/1080 AM” into country music. (DLR-NV)
- 1090 KMXA CO Aurora – 4/26 2135 – Atop XEPRS in Spanish, with some sports (maybe soccer??), local ads, mention of ‘Denver.’ ID: “KXMA.” (DLR-NV)
- 1090 WFCV IN Fort Wayne – 5/6 0659 – Poor, with ‘Bott Radio’ mention, and a clear “Fort Wayne.” Lost at WAQE’s power up. (JJR-WI)
- 1150 CJSL SK Estevan – 5/7 0555 – Poor, with “CJ 1150. Southeastern Saskatchewan’s Super Station.” Country music. WHBY nulled. (JJR-MI)
- 1170 KBOB IA Davenport – 5/17 0547 – Poor, with “ESPN1170AM.com.” Was once rather common as KSTT. (JJR-WI)
- 1190 KVCU CO Boulder – 5/13 0618 – Rock music, “Radio 1190 Boulder-Denver, 98.9 FM in Boulder.” Rare . . . only third time heard. (JJR-MI)
- 1190 CFSL SK Weyburn – 5/2 0626 – Very poor, but “AM 1190” and Country was there. Under WOWO which was running talk. (JJR-WI)
- 1210 KHAT WY Laramie – 5/7 0646 – “New Country 96.7” between Country songs. Poor, with others phased. (JJR-MI)
- 1220 WLPO IL La Salle – 5/18 2147-2148 – Good with ID, Cardinals baseball. (NB-WI)
- 1220 KDDR ND Oakes – 5/7 0552 – Poor, but alone, with “This is the Tornado” between Country songs. (JJR-MI)
- 1220 CJRB MB Boissevain – 5/8 0555 – Classics til Dawn. Poor, but atop. Assumed. (JJR-MI)
- 1230 KXO CA El Centro – 5/14 2240 – Oldies music, ID “ Oldies 1230 KXO” into more music. Mixi+ng with KAAA with ‘Coast to Coast.’ Heard with local 1230 off. **New logging.** (DLR-NV)
- 1240 WOMT WI Manitowoc – 5/18 2136-2138 – Very good, with Brewers baseball. Little sign of local pest WHFA. (NB-WI)
- 1250 KCUE MN Red Wing – 5/11 0658 – “Bluff Country, KCUE” after ‘Eastbound & Down.’ Poor, with some WSSP. (JJR-MI)
- 1250 KNEU UT Roosevelt – 5/18 0803 – “KNEU AM 1250 and FM 93.5, a 40-plus year tradition in the Basin – Classic Country,” followed by music. Noted later around 0834 with news, weather, and ads from the Uintah Basin. Fair, improving to good after going to day power. (JW-CO)
- 1250 CHSM MB Steinbach – 5/8 0554 – “Classics ‘til Dawn.” Poor, thru WSSP. Assumed. (JJR-MI)
- 1260 KMZT CA Beverly Hills – 5/17 0747 – Classical music to 0759 legal ID: “This is The Concert Station – Classical K-Mozart 1260 AM KMZT Beverly Hills, 98.3 K252FO Los Angeles, and 105.1 KKGGO HD4 Los Angeles” Website ‘kmozart.com’ was also mentioned. More music followed after the ID, with a female announcer hosting. Signal fair, occasionally good and on top at times, surely must be on day power and pattern. Also heard on subsequent mornings around the same time. (JW-CO)
- 1260 WPNW MI Zeeland – 5/13 0613 – Poor, with “You’ll find us at Joy Worship.” Heard in passing. (JJR-MI)
- 1270 WWCA IN Gary – 5/15 0642 – Poor, in fade up, over two others, with talk of Vatican. ‘Relevant Radio.’ Only affiliate on 1270. (JJR-WI)
- 1270 WMKT MI Charlevoix – 5/1 2030 – Poor, with promo for ‘Michigan’s Big Show,’ “Triple Talk WMKT 1270, 102.3 and 103.3.” (JJR-WI)
- 1280 CFMB QC Montreal – 5/3 2136 – Poor, with one hour of instrumentals. Woman in EE: “CFMB 1280” between songs. No WNAM. (JJR-WI)
- 1290 WIRL IL Peoria – 5/1 2119 – IDed as ‘1290 WIRL and 95.9, the Sports Nut.’ Later IDed as “1290 WIRL and WPBG-HD3” in half-hour Legal ID. Poor, with Cardinals baseball on two stations: WIRL over ????. Second Cardinal station gone. There is NO other Cardinal station on 1290 per listing. Hello! (JJR-WI)
- 1290 WKLJ WI Sparta – 5/2 0631 – Very poor, with ESPN fare in for 15 minutes, replacing WIRL. WZTI still off. Assumed. (JJR-WI)
- 1300 WRDZ IL La Grange – 5/11 0715 – Poor, but Polish chatter cut through. WOOD in back. (JJR-WI)
- 1319.719 WCOG NC Greensboro – 5/9 0620 – Per D. Crawford tip, who gets audio from his North Carolina close by the Georgia border home. But just a big het against WENN here. (TK-FL)
- 1330 KWKW CA Los Angeles – 4/30 0800 – Spanish talk, “This is KWKW” Very poor, for CA #5. (MJ-QRO)



- 1330 WKTA IL Evanston – 5/2 0645 – Poor, but in power-up, SS popped in! Assumed. Although close . . . it's rare! (JJR-WI)
- 1340 WLDY WI Ladysmith – 5/13 0701 – Poor, with Country song, then quick “WLDY Ladysmith” over next song. Rare! (JJR-MI)
- 1350 WRWH GA Cleveland – 5/9 0458 – Man: “You’re listening to the Doug Gottlieb Show” then into hard break (man) “. . . 93.9 FM and 1350 AM, we are WRWH, Cleveland” at Top of Hour. **First time log.** (TK-FL)
- 1360 WVRQ WI Viroqua – 5/7 0701 – Poor, with “WVRQ . . . News and Information.” Then ABC News with Tom Rivers. WTAQ nulled. OLDies. (JJR-MI)
- 1370 KXTL MT Butte – 4/10 0759 – Legal ID: “Southwest Montana’s Talk Radio Leader is 1370 KXTL Butte, 94-7 FM KA234AT McQueen,” followed by Fox News. Also mentioned ‘kxtl.com’ website. Fair, in QRM. (JW-CO)
- 1370 KSOP UT South Salt Lake – 5/10 0859 – C&W music to legal ID at 0903: “You’re listening to a Utah Gold Rush – KSOP-AM South Salt Lake, KSOP 104.3 FM HD2 Salt Lake City,” followed by more music. Generally fair, with an occasional good peak. (JW-CO)
- 1380 WPHM MI Port Huron – 5/11 0711 – Announcement that there was a job opening at (co-owned) WPHM, along with WHLX and WHLS. WOTE, in earlier, faded. (JJR-WI)
- 1380 KHWK MN Winona – 5/10 0706 – Very poor, with others nulled. ‘FarmersWin.com’ website given, followed by weather for (nearby) Rushford and Caledonia. (JJR-MI)
- 1380 CKPC ON Kingston – 5/3 2133 – Poor, though steady, with Christian music, “AM 1380.” Lost at 2135 to others. (JJR-WI)
- 1400 KTUC AZ Tucson – 5/10 0037 – Instrumental song faded up, 0038 nice ID: “At home, at work, or in the car, the radio station you listen to most is 1400 KTUC.” Into instrumental version of ‘Amazing Grace.’ Then faded by 0040. (MF-CA)
- 1400 KCYK AZ Yuma – 5/16 0005 – Diamondbacks Radio Network postgame show, nice ID at 0008 mentioning “Outlaw Country.” (MF-CA)
- 1400 WQXO MI Munising – 5/8 0647 – With ‘Don’t Stop’ by Fleetwood Mac. Calls through WCCY, others. Very poor. (JJR-WI)
- 1400 WKNW MI Sault Sainte Marie – 5/12 0700 – Very poor, with Legal ID and ESPN discussion. “ESPN 1400.” WCCY (with news) at Top-of-Hour was nowhere, thus this was easier to hear. (JJR-MI)
- 1400 WATW WI Ashland – 5/8 0615 – Poor, through WCCY/others. ‘Ring of Fire’ Johnny Cash. “Bay Country 101-3.” (JJR-WI)
- 1400 WBIZ WI Eau Claire – 5/12 0707 – ‘Holiday Gas’ ad, weather, “Minnesota Vikings on 100.3 . . . Minneapolis . . . Minnesota Fan Network. Poor. (JJR-MI)
- 1410 WRMN IL Elgin – 5/2 0651 – With “1410 AM and 96.7 FM . . . WRMN” replacing WIZM. Poor. (JJR-WI)
- 1410 WNWZ MI Grand Rapids – 5/8 0646 – “Magic 104.9-#1 for hip-hop and R&B” over WIZM! Don’t even hear this in South Milwaukee! Poor. Rare! (JJR-WI)
- 1410 KRWB MN Roseau – 5/9 2038 – Poor, with hard(er) rock songs, calls, then gone. No WIZM. (JJR-MI)
- 1420 WHK OH Cleveland – 5/2 0545 – Salem Network programming. “The Answer.” Alone. Poor. (JJR-WI)
- 1420 WGXI WI Plymouth – 5/13 0656 – “Cow Country 1420 & 98.5 FM” between songs. Poor in KTOE fade. (JJR-MI)
- 1430 KNSP MN Staples – 5/14 0548 – Poor, with ‘ESPN’ promos galore and calls. Usually here, but WNXT dominates. (JJR-WI)
- 1450 WDNG AL Anniston – 5/2 0713 – Up briefly over WDIG, with “The new 95.1 The Mountain, Anniston-Oxford’s Classic Station” and meteorologist with “. . . tomorrow’s high near 72 . . .” Local morning jocks // Tune-in stream. (TK-FL)
- 1450 WDIG AL Dothan – 5/5 0705 – Cliff Nobles & Co. with ‘The Horse’ long forgotten but cool instrumental (the song was the theme of Dutch pirate Radio Veronica) . . . then local announcer Carl Thomas with his right winger daily opinion, ads, and into ‘Only Time Will Tell’ by Asia. (TK-FL)
- 1450 KVEN CA Ventura – 5/15 2254 – Dodger baseball, nice ID at Top of Hour. (MF-CA)
- 1450 WHTC MI Holland – 5/9 2129 – Very poor, but clear “99-7 and 1450 WHTC Holland” heard going into ad. With others. (JJR-MI)

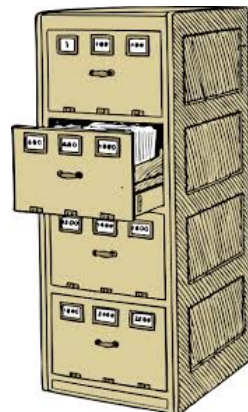


- 1450 WNBX MI **Newberry** – 5/13 0648 – Poor, with “1450 WNBX, greatest country hits of all time.” Uncommon. (JJR-MI)
- 1460 KXNO IA **Des Moines** – 5/3 2227 – Poor, with ‘I Heart app’ mention, sports, “KXNO, now on 106.3 FM too.” WJTI nulled. (JJR-WI)
- 1460 WBRN MI **Big Rapids** – 5/3 2228 – KXNO fade, Dave Ramsey, News Radio WBRN. WJTI totally nulled! Poor. (JJR-WI)
- 1460 WBOG WI **Tomah** – 5/11 0642 – Poor, with “Bog Country 101.3,” chatter on the Milwaukee Bucks. No KXNO. (JJR-MI)
- 1460 CJOY ON **Guelph** – 5/9 2026 – Poor, with “Only the best of the 70s, 80s and 90s . . . 1460 CJOY.” No KXNO. (JJR-MI)
- 1470 WMGG FL **Egypt Lake** – **Every morning** for a couple weeks (because I’ve been monitoring the channel for a Mexican), I’ve been hearing a strong digital hash pre- and just post-sunrise. I wrote it off as something local spuriously electronics junk source. Turns out, it’s almost certainly this one: “96.1 Caliente” in full digital MA3 mode. Once more of these come aboard with MA3 mode, you can write off this hobby. Time to consider a new one, like doll collecting. (TK-FL)
- 1470 KLCL LA **Lake Charles** – 5/2 0700 – Man: “. . . KLCL, Southwest Louisiana’s News Radio . . .” into replay of “The Hugh Hewitt Show” parallel station stream. Not UC/AC “The All New Magic” format. (TK-FL)
- 1470 WFNT MI **Flint** – 5/11 0725 – ‘Steve Gruber Show’ with Michigan chatter. WIBD way underneath. Poor. (JJR-MI)
- 1470 WQXL SC **Columbia** – 5/6 0718 – ‘Schneider Electric Job Fair,’ ‘Palmetto Citizens Federal Credit Union’ and other local spots, then program promo: “. . . 100.7 FM and 1470 AM, The Point.” (TK-FL)
- 1490 WRLA GA **West Point** – 5/7 0708 – Tune-in to local man: “. . . WRLA News . . .,” then weather, “WTRP 620 and WRLA 1490 . . .” mention. Then Jackson Browne’s ‘The Load-Out/Stay’ which allowed making a parallel log with 620 kHz. Parallel station stream, but the song scroll display was way off. First time log. (TK-FL)
- 1500 WVSM AL **Rainsville** – 5/21 0650 – Southern/Country Gospel vocals, then at 0700 man: “. . . WVSM . . . casterbroadcasting.com.” Then back to Gospel until 0731, with mention of “Rainsville” and “Alabama,” then fade out. (TK-FL)
- 1510 WWHN IL **Joliet** – 5/2 2100 – Poor, with songs by Stevie Wonder and Sam Cooke. Talk of Will County. Off (late) at 2121. (JJR-WI) [Their legal night CH hours in May are 1800 – 2000. So, it appears you did catch them cheating – Ed.]
- 1520 WHOW IL **Clinton** – 5/1 2057 – Poor, with calls, “The Big 1520,” and several promos. Alone. (JJR-WI)
- 1520 WPAY OH **Rossford** – 5/7 0736 – “K Love 90s” Christian hits. Poor, with others nulled. (JJR-MI)
- 1530 WLAK WI **New Holstein** – 5/22 0658 – Poor, with ‘Shop Around’ by the Miracles // “True Oldies 1590 WGBW.” WCKY weak. (JJR-MI)
- 1540.204 WKVQ GA **Eatonton** – 5/9 0605 – Nonstop Black Gospel across bottom and top of the next hour without any breaks or ID. Presume the one. Thanks D. Crawford tip. Very good copy. Daytimer on overnight, no ID, way off frequency. And yet, it can happen because the FCC doesn’t care. (TK-FL)
- 1560 KNZR CA **Bakersfield** – 4/29 0759 – “AM 1560 KNZR Bakersfield.” Fair, for CA #3. (MJ-QRO)
- 1560 KLNG IA **Council Bluffs** – 5/16 1858-1859 – Fair, with end of religious show, promo for running your church’s service on their station, and mention of “101.5” and “Council Bluffs.” (NB-WI)
- 1560 KBEW MN **Blue Earth** – 5/7 0733 – “KBEW News” with two sponsors noted, but too weak to copy. Very poor. No KLNG. (JJR-MI)
- 1570 WBGX IL **Harvey** – 5/17 0616 – “. . . on WBGX, 1570 on your radio dial.” Despite closeness, uncommon. Poor. (JJR-WI)
- 1570 WKBH WI **Holmen** – 5/10 0620 – Very poor, with “Relevant Radio” promo at 0629, heard with others. (JJR-MI)
- 1580 KBLA CA **Santa Monica** – 4/29 0800 – English legal ID for KBLA and KALI 900 West Covina, followed by Spanish. Poor. CA #4. (MJ-QRO)
- 1580 KGAL OR **Lebanon** – 5/3 2022 – ‘Jim Bohannon’ show, ID: “When Radio Was, KGAL” and string of local ads including ‘Klamath Community Bank’ and ‘Flowers and More’ with 541 area code. ID: “Newstalk 1580 KGAL.” **New Logging.** (DLR-NV)
- 1590 WTVB MI **Coldwater** – 5/1 2045 – Poor, with “AM 1590 and 95.5 FM WTVB.” Billy Idol with ‘Mony, Mony.’ Satellite OLDies. (JJR-WI)

- 1590 WTVB MI Coldwater – 5/14 0616 – (High School?) Sports: Coldwater over ??? 18 to 3! Ouch. Poor and alone . . . no KGFK or WAKR. (JJR-WI)
- 1590 KLFE WA Seattle – 5/3 2045 – ‘America First’ program with host Sebastian Gorka, network ads. ID: “AM 1590 The Answer” three times. **New logging.** (DLR-NV)
- 1600 KATZ MO St. Louis – 5/2 2106 – Uptempo GOS music // stream. KGYM gone, replaced by WAAM. Once rather common, now rare. Poor. (JJR-WI)
- 1630 KVAM WY Fox Farm – 5/18 1438 – C&W music to Legal ID at 1458, listing several stations in several states, including KVAM. Surprisingly poor signal for such a short distance. Ex-KRND. (JW-CO)
- 1690 KDMT CO Arvada – 5/10 0621 – Relevant Radio content. WVON very weak all morning. Poor. (JJR-MI)
- 1690 WPTX MD Lexington Park – 5/14 0541 – Poor, with calls, ‘The Boxer’ by Simon and Garfunkel. No WVON. (JJR-WI)

From the *DX News* archives . . .

75 Years Ago – From the June 15, 1946 issue of *DX News*: Ernie Cooper of Brooklyn, N.Y. was surprised that June 3, of all days, turned out to be his best DX morning ever with 8 new stations reported. Kermit Geary ran across an old Radex article from 1936 that worried about too many AM stations on the band making DX impossible – then there were 646 AM stations, and Kermit noted that today there were almost twice as many! Kermit opined that having so many new stations was overall a good thing, lest the hobby become stagnant, but allowed that “to a new DXer the goal of verifying nearly all of them must seem like a Herculean task.” (By contrast, there are currently about 4465 licensed MW stations in the United States.)



50 Years Ago – From the May 29, 1971 issue of *DX News*: The NRC was looking forward to its annual convention in San Francisco September 3-6, while IRCA planned to meet in Toledo in August and the NNRC picnic near Easton, Pa. would be held in June. Larry Black in Bloomfield Hills, MI received a verification from Dale Miller, program director at WILY-1210 (then a 1000-watt daytimer in Centralia IL) which stated that the station received “several letters a day” from DXers around the country, including 16 from Michigan in just the last month. He added, “yesterday our engineer sent a verification card to a guy who picked us up in New York City (downtown) at 12:00 noon on a car radio!”

25 Years Ago – From the June 17, 1996 issue of *DX News*: The staff of Radio Netherlands published a review of the new AOR7030 receiver. Shawn Axelrod explained how to DX broadcast stations on longwave; Germany-183, UK-198, and especially France-162 are the most reliable in his Manitoba location but both TA and TP stations are heard, especially on Beverage antennas set up on DXpeditions. Caribbean stations reported to IDX D included Turks and Caicos on 535 and 1020, St. Kitts and Nevis on 555 and 830, Anguilla on 690, Antigua on 1100, Jamaica on 700, the British Virgin Islands on 780, and the Dominican Republic on 1190.

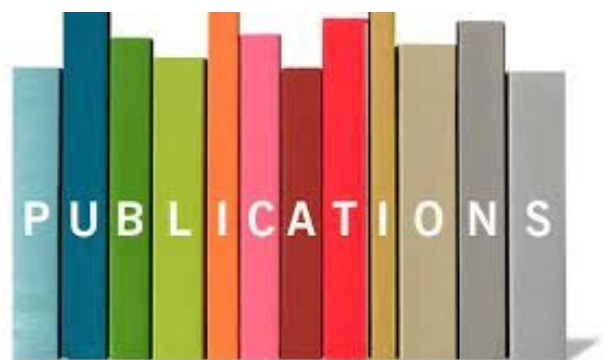
10 Years Ago – From the June 6, 2011 issue of *DX News*: Ernie Wesolowski and Carl Mann were preparing the annual NRC/WTFDA convention in Omaha in October; the IRCA convention is scheduled for June in Colorado Springs. The broadcast tower of WSM has now been added to the National Register of Historic Places.

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>.

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- 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*.



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International DX Digest

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

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

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 855 **SPAIN** *RNE1* Murcia et al. MAY 5 0215 – 855 is the only detected stepping thru every 9-kHz, vs considerable local and storm noise levels. Likely Spain *RNE1* with 10 synchros totaling 445 kW, headed by one 300; although Romania has a single 400 too. [Hauser-OK] MAY 23 0300 – Good; servicios informativos parallel equally good 1107, 1152, and 1305 kHz. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros MAY 7 0400 – Good with synchro echo; end of ad string and canned *Absolute Radio* ID with sounder into news, "The main stories this hour..." MAY 8 0300 – Good; canned promo/ID, "If you want some bread, you go to the bakery, and if you want some rock music, you listen to Four O'Clock Rock, Absolute Radio," and presenter, "Good morning, it's Absolute Radio on Saturday..." into "New Year's Day" by U2. [Conti-NH]
- 1413 **SPAIN** *RNE5* synchros MAY 8 0500 – Fair; servicios informativos parallel 1503 kHz. [Conti-NH] MAY 23 0400 – Good; servicios informativos and "Buenos dias" into news, parallel 1107, 1125, and 1503 kHz. [Conti-NH]
- 1512 **SAUDI ARABIA** *SBC R.Quran*, Jeddah MAY 8 0100 – Good; Koran through the hour. [Conti-NH]
- 1530 **SAO TOME** *VOA Pinheira* MAY 7 0259 – Under WCKY; Yankee Doodle sign-on. MAY 8 0459 – Over/under WCKY; "This is the Voice of America, Washington DC, signing on," and Yankee Doodle, before start of Hausa program at 0500 UTC. Audio clip www.bamlog.com/saotomewcky.mp3. [Conti-NH]
- 1548 **UNITED KINGDOM** *Gold*, London MAY 7 0300 – Fair; news in brief by woman, jingle, "This is Gold." [Conti-NH]

PAN-AMERICAN DX

- 530 **CUBA** *R.Enciclopedia*, La Habana-Villa María MAY 8 1058 – "Transmite CMBQ, Radio Enciclopedia, de Habana Cuba"; poor; Cuba #3. [Jeziorski-QRO]
- 550 **MEXICO** *XEGNAY R.Aztlán*, Tepic, Nay. APR 30 1200 – "XEG-Nay, 550 AM, Radio Aztlán," Tepic, Nayarit; poor but alone; estado #24. [Jeziorski-QRO]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo MAY 3 0500 – Same programming as 890; fair; Cuba #2. [Jeziorski-QRO]
- 740 **MEXICO** *XEQN R.Fórmula Torreón*, Torreón, Coah. APR 29 1159 – "Radio Fórmula Torreón" and state political ads, but no ID; very good with KTRH absent; Coah. #5. [Jeziorski-QRO]
- 740 **MEXICO** *XEPOR Te Prende*, Putla de Guerrero, Oax. APR 30 1159 – Cuckoo sounds, "XEPOR Te Prende"; poor with XEQN; Oax. #3. [Jeziorski-QRO]
- 790 **CUBA** *R.Reloj*, Pinar del Río//Holguín MAY 12 0159 – "Radio Reloj" and Morse code RR at top of minute; poor with XEGAJ; Cuba #4. [Jeziorski-QRO]
- 790 **MEXICO** *XEGAJ R.Fórmula*, Guadalajara, Jal. MAY 6 1159 – *R.Fórmula*, two mentions of Jalisco; very poor; Jal. #18. [Jeziorski-QRO]
- 800 **BONAIRE** *PJB TransWorld Radio*, Kralendijk MAY 12 0200 – Preacher lamenting the "perdidos" in Cuba, then "Usted sincroniza Radio Transmundial 800 AM, transmitiendo las buenas nuevas de salvación desde Bonaire, isla de Caribe Holandés"; very good over XEERG; country #5. Forty years ago I would hear them as Transworld Radio from the ABC Islands, but now they broadcast in a different language from a different political grouping, the BES Islands. [Jeziorski-QRO]
- 820 **MEXICO** *XEBA R.Cañon*, Guadalajara, Jal. MAY 3 0503 – Fast adult vocal Mexican anthem, full legal ID, Presley's "Hound Dog"; fair with XEBM; Jal. #14. [Jeziorski-QRO]
- 830 **MEXICO** *XEPUR La Voz de los Purépechas*, Cheran, Mich. MAY 3 1200 – Mexican anthem, samples of folk music, "somos tan diferentes pero tan iguales cuando podemos entendernos hablando nuestra lengua" (we are so different but so equal when we can understand each other speaking our language), "Radio XEPUR"; poor under XEITE; Mich. #10. Heard since near sunset with presumed Purépecha language. [Jeziorski-QRO]
- 840 **MEXICO** *XEXXX Tamazula*, Jal. MAY 3 0503 – End of music program, ID, adult vocal Mexican anthem; good; Jal. #15. [Jeziorski-QRO]

- 890 **CUBA** *R.Progreso*, Chambas MAY 3 0500 – "Radio Progreso cadena nacional, La Onda de la Alegría, transmitiendo desde La Habana, Cuba, primero territorio libre en las Americas"; very good; country #4. [Jeziorski-QRO]
- 920 **MEXICO** XELT *La Voz de R.María*, Guadalajara, Jal. MAY 4 1159 – Slogan and address, but no call heard; good with XERE; Jal. #17. [Jeziorski-QRO]
- 930 **CUBA** *R.Reloj*, Cienfuegos-Malecón//La Jaiba//Santiago de Cuba
- 930 **MEXICO** XETLA *La Voz de la Mixteca*, Tlaxiaco, Oax. APR 29 1203 – "Escuchas todos los domingos a las 10 de la mañana por XETLA y XHPBSD, La Voz de la Mixteca, juntos con huevos"; very good over XESAME; Oax. #2. [Jeziorski-QRO]
- 950 **MEXICO** XEMEX Cd. Guzmán, Jal. MAY 3 1200 – Mention of 104.9 and Ciudad Guzmán, Jalisco; poor under unID; Jal. #16. [Jeziorski-QRO]
- 990 **MEXICO** XEIU Oreja, Oaxaca, Oax. MAY 3 1201 – ID's for FM and AM, mention of Oaxaca; poor; Oax. #4. [Jeziorski-QRO]
- 1020 **MEXICO** XEPR FM *Globo*, Poza Rica, Ver. MAY 3 1158 – FM Globo 102.7, PSA about coronavirus vaccine; poor; Ver. #2. [Jeziorski-QRO]
- 1050 **MEXICO** XEBCS *La Radio de Sudcalifornia*, La Paz, BCS MAY 4 0459 – "La Radio de Sudcalifornia... 99.1... Baja California Sur"; poor in XEG null; estado #25; first ever logging of BCS here including my 1999 log. [Jeziorski-QRO]
- 1050 **MEXICO** XEIP *La Poderosa, La Que Te Gusta*, Uruapan, Mich. MAY 6 1201 – *La Poderosa, La Que Te Gusta*, call ID for FM only; good with XEG faded; Mich. #12. [Jeziorski-QRO]
- 1080 **MEXICO** XEPBPV *Jalisco Radio*, Puerto Vallarta, Jal. APR 29 1203 – Call ID's for XHPBGJ and XEPBGJ and Guadalajara; heard earlier with *Jalisco Radio*; poor under XETUL; Jal. #13. [Jeziorski-QRO]
- 1100 **MEXICO** XEBV *R.Alegría*, Moreleón, Gto. MAY 4 1159 – Slogan, Guanajuato, 95.7 heard; very poor under XETGO; Gto. #11. [Jeziorski-QRO]
- 1250 **MEXICO** XETEJ *Mexiquense Radio*, Tejupilco, Mex. MAY 6 1200 – 8-station ID parallel to 1080 XETUL (when single ID is given, it is for XHATM-105.5); fair with XEDK; Mex. #7. [Jeziorski-QRO]
- 1290 **MEXICO** XEIX *Super Éxitos 1290, Tu Música de Hoy y Siempre*, Jiquilpan, Mich. MAY 3 1201 – Strong sign-on with Mexican anthem, slogans, but no ID or location; very good; Mich. #11. [Jeziorski-QRO]
- 1340 **MEXICO** XEAPM *Candela*, Apatzingán, Mich. APR 30 1200 – Full ID for AM and FM, station address; 263 km/163 mi; fair; Mich. #9. [Jeziorski-QRO]
- 1340 **MEXICO** XEDKT *Radiatorama*, Guadalajara, Jal. MAY 6 1202 – Radiorama news, ID; 299 km/186 mi; poor; Jal. #19. [Jeziorski-QRO]
- 1450 **MEXICO** XERNB *R.Impacto*, Sahuayo, Mich. APR 30 1157 – End of Mexican anthem, "Muy buenos dias," *R.Impacto* slogan, sounds of rooster, cow, burro at 0700; 246 km/152 mi; poor with XERY; Mich. #8. [Jeziorski-QRO]
- 1470 **MEXICO** unID MAY 2 1058 – Choral anthem up from 1058, very poor and nothing else audible in co-channel. A couple on the channel are highly unlikely, but several other possibilities. And noted on subsequent days when propagation allows, with Mexi-tunes prior to the anthem, so not an 1100 daytime-only sign-on. Seemingly a lady with a quick ID including call letters just before the anthem, but thus far unable to copy. And it's getting more and more impossible with increasing daylight post-sunrise vs. WMGG 100% digital signal hash. [Krueger-FL]
- 1490 **MEXICO** XEYTM *R.Teocelo*, Teocelo, Ver. MAY 3 1201 – "Estas escuchando XEYTM que transmite en la banda de amplitud modulada en la frecuencia 1490 kilohertz con mil wats de potencia... y estudio... ubicadas...barrio #2... teléfono 801... Radio Teocelo." 394 km/245 mi; fair; Ver. #3. [Jeziorski-QRO]



Mike Jeziorski speaks: Although May is when most AM DX'ers are putting away their equipment, I've been trying to learn more about the Perseus and W6LVP Loop amid the lightning crashes. Despite the noise, this is an interesting time of year to DX in central Mexico because the sunset pattern puts southern Mexico, Central America, and the Caribbean in darkness while much of the US is in sunlight or twilight. I have aimed the loop around local sunset at about 120 degrees, the approximate bearing for Central America, and while I have not yet logged anything definite in that direction, the appearance of a few Cubans and Radio Transmundial (more like 80-90 degrees) are indication enough that I should keep trying. At least I've broken beyond the severe northern bias of most of my loggings so far, which I thought was due primarily to the mountains to the east and south but was probably the result of my own limited thinking about what can be heard.

TRANS-PACIFIC DX

846 **KIRIBATI** *R.Kiribati*, London, Christmas Island MAY 6 0627 – Just barely audible carrier from presumed *R.Kiribati*; none others noted, not even 1098 Marshalls. [Hauser-OK]

CONTRIBUTORS

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

Glenn Hauser, Enid OK; NRD-545 with ALA-330S or north/south not very long wire, DX-398 or PL-880 with internal antenna only, sometimes IC-R75 with ~100-ft east/west long wire.

Mike Jeziorski, Juriquilla, Querétaro, México; Perseus and W6LVP Loop.

Terry L. Krueger, Niceville FL; IC-R75, NRD-535, ICF-7600GR, active loop, random wire, misc. junk.

CONNELLY CAPTURES

This is a list of January through April loggings added to my 2021 DX Audio Files page at www.qsl.net/wa1ion/doc1/audio_2021.htm. It should serve as a guide for potential reception times in the northeastern USA and bordering areas of Canada. [Mark Connelly WA1ION, South Yarmouth MA]

- 530 **CUBA** *R.Enciclopedia* and *R.Rebelde* – APR 4 0500
- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi : JAN 20 2159
- 531 **ALGERIA** *R.Algérie Internationale*, F'Kirina – MAR 22 0000
- 539.86 **NICARAGUA** YNOW *R.Corporación*, Managua/Tipitata – MAR 16 0355
- 540 **COLOMBIA** HJKA Bogotá – APR 1 2359, APR 16 0059
- 550 **CUBA** *R.Rebelde*, Pinar del Río – APR 7 0400
- 550 **PUERTO RICO** WPAB Ponce – MAR 30 0401
- 550 **VENEZUELA** YVKE *Mundial*, Caracas – MAR 5 0500
- 560 **GUYANA** NCN *Voice of Guyana/BBC WS*, Vreed en Hoop – FEB 6 0500
- 570 **CUBA** *R.Reloj*, Santa Clara – MAR 30 0400
- 570 **COLOMBIA** HJND *R.Nacional*, Bogotá – FEB 6 0500, MAR 31 0400
- 580 **PUERTO RICO** WKAQ San Juan – MAR 30 0400, APR 14 0100
- 590 **CUBA** *R.Rebelde*, Guantánamo – MAR 22 0401
- 590 **CUBA** *R.Musical Nacional*, Santa Clara – FEB 6 0500
- 590 **CUBA** *R.Rebelde* and *R.Musical Nacional* – MAR 5 0500
- 600 **COLOMBIA** HJHJ *R.Libertad*, Barranquilla – MAR 1 0500, APR 4 0347, APR 4 0403
- 610 **BRAZIL** ZYL268 *R.Itatiaia*, Belo Horizonte – FEB 27 2301
- 630 **PUERTO RICO** WUNO *R.Uno*, San Juan – FEB 13 0500, MAR 30 0400, APR 14 0059
- 639 **CZECHIA** CRo *Dvojka*, Praha/Liblice – APR 6 0300
- 650 **COLOMBIA** HJKH, RCN *Antena Dos*, Bogotá – APR 7 0000
- 660 **CUBA** *R.Progreso*, Jovellanos – MAR 30 0400
- 680 **COLOMBIA** HJZO *R.Nacional*, Barranquilla – MAR 26 0442
- 680 **PUERTO RICO** WAPA San Juan – APR 14 0100
- 690 **COLOMBIA** HJCZ, W *Radio*, Bogotá – MAR 8 0000
- 690 **MEXICO** XEN *La 69*, México, DF – MAR 7 0600, APR 13 0459
- 693 **UNITED KINGDOM** BBC *Radio 5*, Droitwich et al. – APR 6 0300, APR 28 0300
- 700 **BRAZIL** ZYK686 *Nossa Radio*, São Paulo – FEB 6 0500
- 700 **COLOMBIA** HJCX, W *Radio*, Cali – MAR 7 0600
- 710 **CUBA** *R.Rebelde* synchros – MAR 30 0400
- 730 **CUBA** *R.Progreso*, La Fe – APR 27 0400
- 730 **MEXICO** XEX México, DF – APR 5 0400
- 740 **CUBA** *R.Angulo*, Sagua de Tánamo – APR 7 0400
- 750 **BRAZIL** ZYH709 *Jovem Pan News*, Brasília – MAR 8 0000
- 770 **COLOMBIA** HJJX, RCN, Bogotá – MAR 8 0000
- 780 **VENEZUELA** YVMN *R.Coro*, Coro – APR 4 0403
- 790 **CUBA** *R.Reloj*, Pinar del Río/Holguín – MAR 30 0400
- 790 **VENEZUELA** YVXM *R.Minuto AM*, Barquisimeto – APR 4 0401
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk – FEB 6 0500, MAR 6 0459, MAR 14 0459, MAR 22 0400, MAR 30 0400, APR 5 0400
- 810 **BAHAMAS** ZNS3 Freeport – APR 4 0400
- 810 **CUBA** *R.Progreso*, Guantánamo-Burene – MAR 5 0459
- 810 **COLOMBIA** HJCY Bogotá – APR 4 0401
- 840 **CUBA** CMHW DobleVé, Santa Clara – FEB 6 0500, APR 2 0000
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse – APR 7 0200, APR 21 0100
- 860 **CUBA** *R.Reloj*, Jovellanos – APR 5 0401

- 860 **PANAMA** HOL55 *R.Reforma*, Chitré/El Ejido – MAR 5 0001
 870 **CUBA** *R.Reloj* sychros – MAR 5 0500, APR 2 0000
 880 **CUBA** *R.Progreso*, Pinar del Río – APR 4 0402
 890 **CUBA** *R.Progreso*, Chambas – FEB 6 0500
 891 **ALGERIA** *Chaîne 1*, Ouled Fayet – MAR 24 0356
 909 **UNITED KINGDOM** *BBC Radio 5* sychros – APR 2 0400
 940 **BRAZIL** ZYJ453 *Super Rádio Brasil*, Rio de Janeiro/Magé – MAR 7 0440
 940 **PUERTO RICO** WIPR San Juan – APR 14 0100
 980 **CUBA** *R.Reloj*, Moa – APR 4 0400
 990 **CUBA** *R.Guamá*, Pinar del Río – MAR 30 0400, MAR 31 0400
 1030 **ARGENTINA** LS10 *Radio del Plata*, Buenos Aires/San Martín – MAR 26 0432
 1040 **CUBA** *R.Mayabeque*, Güines – MAR 22 0400
 1060 **CUBA** *Radio 26*, Jovellanos – FEB 6 0500
 1070 **COLOMBIA** HJCG *R.Santa Fe*, Bogotá – FEB 6 0502, MAR 14 0500, APR 21 0101
 1089 **UNITED KINGDOM** *TalkSport* sychros – JAN 20 2201, FEB 15 0456, MAR 26 0503
 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla – MAR 5 0500
 1110 **CUBA** *R.Angulo*, Holguín – MAR 5 0500
 1152 **SPAIN** *RNE5* sychros – APR 6 0300
 1179 **ROMANIA** *R.România Actualitati*, Galbeni//Bacau – MAR 7 2300
 1200 **VENEZUELA** YVOZ *R.Tiempo*, Caracas – APR 7 0359
 1215 **UNITED KINGDOM** *Absolute Radio* sychros – JAN 22 0523, MAR 28 0448, APR 2 0400, APR 3 0348, APR 15 0345
 1220 **COLOMBIA** HJKR *R.Maria*, Bogotá – FEB 6 0502
 1305 **SPAIN** *RNE5* sychros – APR 27 0100
 1530 **SAO TOME E PRINCIPE** *VOA Pinheira* – MAR 25 0258
 1540 **BAHAMAS** ZNS1 *R.Bahamas*, Nassau – MAR 22 0400, APR 7 0200
 1548 **KUWAIT** *R.Sawa*, Al-Kuwayt/Umm al-Rimam – MAR 7 2259
 1580 **COLOMBIA** HJQZ *R.Maria*, Barranquilla – FEB 6 0502
 1660 **PUERTO RICO** WGIT Canovanas – FEB 20 0600

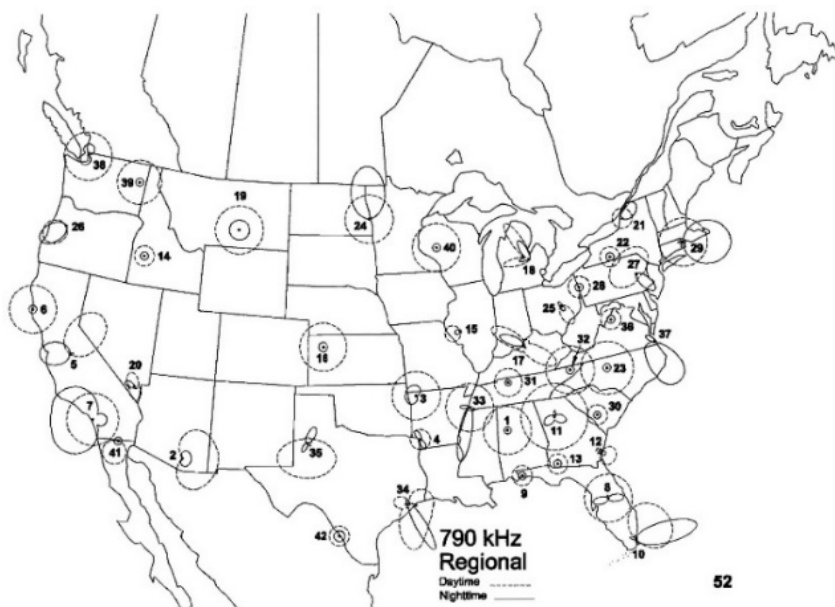
73 and Good DX!

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.



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Musings of the Members

Linda Brodsky zekesgm@gmail.com

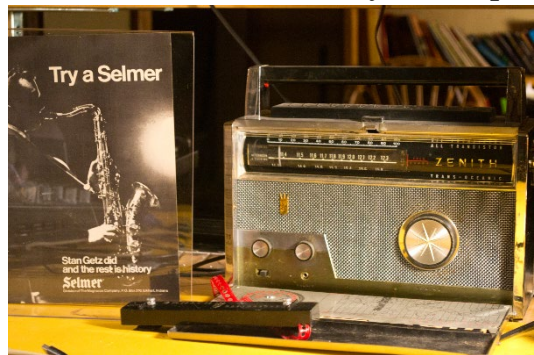
Non-electronic submissions: Send to Publisher (see AM Switch for address)

Randall Kane – Newington, CT

Linda asked about how we got started in MW DX, receivers, and friendships in hobby.

I had been listening to music for a few years on WBZ and WMEX on my little transistor radio. In about 1963, my mother gave me her 1946 tabletop Detrola. I will never forget seeing the eerie reflection of its tubes in my bedroom window when I was about 12, or the feeling of surprise when I heard the Grand Old Opry on WSM. It didn't take long to learn that WABC, WMCA, WLS, WPTR, WKBW and many more stations were easily heard in Boston, and I started keeping track of them.

I don't recall the exact sequence of events, but I was in 8th or 9th grade when a classmate told me about a radio club in headquartered in the Boston area. I don't know how he knew this, as he was a very casual listener, and not a DXer, but I joined, and it was not long before I was helping the publishing committee mail out *DX News*. Conditions were good, and in the mid to late 1960s I regularly logged domestic DX as far as KNX, KFI, and KNBR on a Zenith Trans-Oceanic "portable" that was somehow very sensitive and fairly selective. We lived only a couple of miles from the beach and TAs were



Zenith Trans-Oceanic

common. Dakar, Luxembourg, Monaco and many, many others were SSS

regulars. I had the pleasure of hearing offshore pirates like Radio Caroline and Wonderful Radio London many times. One of the more exotic pirates was Radio Euzkadi, the voice of the Basque separatists in Spain. And when conditions were better in the other direction you would hear Fidel on almost every channel. I managed IDs for over 30 states, and 57 countries, the farthest being Cairo on 818, on what was even then a very low-tech radio. All I had to do was keep feeding it D batteries, because it had no power supply.

For a few years, while in high school, I edited DDXD. We typed stencils, and then made copies on a mimeograph machine. The column had been DXDD—"DX Down the Dial"—and for some reason I wanted to bring it in line with IDXD, so it became "Domestic DX Digest," which is actually less interesting. We should change it back.

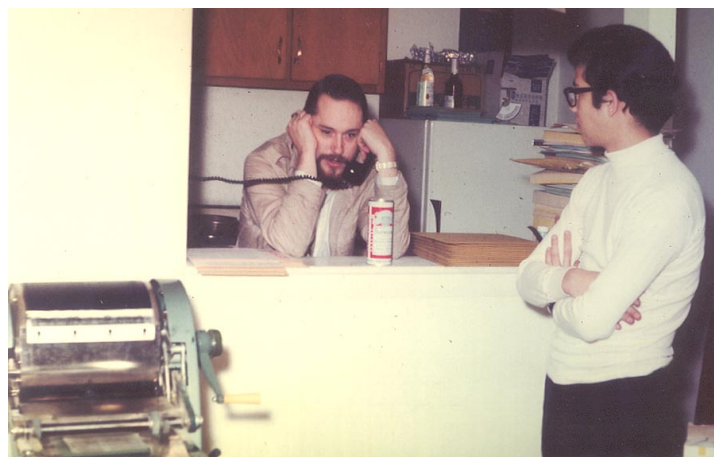
I would take the trolley to the home of Gordon and Ruth Nelson. We would drink beer, stuff envelopes, and listen to music. At night in Boston the trains and trolleys turn into pumpkins, so often I would stay over, which gave my parents fits. I didn't care because the NRC had become my main social life. Instead of hanging out with other kids, I felt like I was participating in something interesting and useful, with adults. And these adults were broadcasting professionals, grad students in math and physics, and avid DXers. But the hobby absolutely did get me in trouble. Monday mornings were tough in high school, no matter what great DX I had logged staying up all night!

Gordon had modified an HQ180 to display a digital frequency readout before "digital" was in the general vocabulary. He was building loop antennas using 1930s designs. He was researching trans-polar propagation and great-circle paths. He was detecting sub-audible heterodynes. To me, even though there was a lot I didn't understand, it beat high school marching band hands down.

We drove down to Brooklyn to visit Ernie Cooper, the original editor of this column, "Musings of the Members," to talk about MW DX with the "old-timers." They told us that in the good old days, the 1930s and 1940s, domestic stations all signed off at midnight. There was no interference to TA and TP reception. They could hear Europe or Australia regularly from NYC. Now, I'm an old-timer and I can tell you, to quote Duke Ellington, that "things ain't what they used to be." Of course they never are.



*Restored 1946
"tombstone" radio*



Gordon Nelson (on the phone), me at 17, and the mimeograph machine. From the NRC archive.

Over the past few decades I have mostly used a Sony ICF-2010 and more recently a Sangean ATS-909X, both of which are decent little receivers. For the most part, though, my interest waned many years ago as life happened. In suburban Connecticut, TA DX is nonexistent. WOAI and WHO are as far as I can hear to the west; KSL is now the unattainable holy grail. Recently I acquired an SDR and YouLoop, which work fine, but I have to have the antenna indoors and there is just too much interference to make it worth spending much time on. I have been chasing local pirates on 1620, 1700 and 1710—on my car radio.

Now that I have rejoined the National Radio Club I am astonished to see how many people are DXing, and what kinds of antennas and receivers are in use. And yes, absolutely, a couple of personal relationships have endured. Recently I got to spend some time with Marc DeLorenzo on Cape Cod. I have been in touch off and on with Geoff Fox. Both are still DXing, and they are among my oldest and most valued friends.

73 & good DX, Randall Kane.



*SDRUno alongside restored S38A
(found in an antique shop with
original headphones and manual)*

Mike Jeziorski – Juriquilla, Querétaro, Mexico

Thanks to Linda for taking charge of the Musings column. My last Musing published in DX News was in 1980, when Ernest R. Cooper was nearing the end of his 33-year tenure as editor and I was approaching my 17th birthday while living in the Chicago suburb of Brookfield. I had already been active in DX for a couple of years and was a member of the NRC and IRCA, but once I went away to college my connection to the hobby became more intermittent. I maintained new logbooks in Detroit while earning my doctorate in neuroscience and in St. Augustine FL while doing a postdoc at a marine lab, and then in 1999 I took an academic position at a satellite campus of the Universidad Nacional Autónoma de México in Juriquilla, Querétaro, although my reasons for the move were personal in nature. Shortly after arriving I started one more AM logbook, collecting about 240 loggings from Mexico and the US (and one surprise from Calgary), then put everything aside for 20 years. Last year found me turning 57 with a 16-year-old son, a new partner of seven years, our first house, and a lot of pandemic-forced time at home. Looking for ways to make use of the time, I decided to try the dials once again and found the AM landscape in Mexico to be nearly barren, with more than half of the AM stations active in 1999 shut down or migrated to FM. I decided to start a new logbook from scratch using my trusty dusty Sony ICF-2010, logging about 190 stations between November and March. Then last month I put a new Perseus and W6LVP loop into action, and that setup has been a revelation, adding more than 100 stations in a few weeks' time. I am just short of having logged 50% of all currently active Mexican AM stations (162 of 328).

In response to Linda's first suggested topic (How did you get started in DXing?), I was no more than 12 when I read a story in a national grade-school newspaper about hearing clear channel AM stations at long distances. I tried it on my little clock radio and immediately became hooked, and it fit nicely with my love for baseball at the time, since I could tune in distant play-by-play broadcasts at night. Other people didn't understand the appeal of tuning through static to try to hear a signal from an unknown spot on the map, then looking up that city or town and imagining what life was like there. In the ensuing years, I have been amused to see the rise of the internet and how the desire for connection with far-flung places I had in my youth has become almost universal.

73, Mike.

Wayne Heinen – Aurora, CO

I want to start by welcoming and thanking Linda Brodsky for taking the helm as our new 'Musings of the Members' editor! I hope more members will do more to keep Linda busy! Remodeling is complete and the new lights are as advertised by my electrician friend. No QRN has been noted. Taping has been curtailed in the last few weeks as the T-Storm season is upon us in Colorado. A few tidbits left from last month...4/12 0800 "Tucson's Sports Station KTZR Fox Sports 1450." New #30 on the season and taped. The next was a surprise in that I thought it was already in my log in Colorado, but I couldn't find it anywhere: 4/13 0700 on 1190 out of local spot "WOWO... HD2 Fort Wayne..." to news New #31 and taped as well. This was under a nulled local KVCU up in Boulder with a soft jazz piece playing. Had it been their normal loud alternative rock I never would have gotten this! **May 5** I taped local KAMP-1430 Aurora (ex-KEZW) with their new call and "The Bet" sports format. Call change #14 this year. Work on the 42nd edition of the *AM Radio Log* is progressing, My thanks to James Niven for a huge four state update! C'mon NRC'ers, you too can contribute to the accuracy of the *Log* with your updates! See the front page of last issue for all the details. Til next time 73 & Good DX!

Linda Brodsky – Malverne, NY

Thanks to Randall, Mike, and Wayne for their contributions this month. The column is open to all matters related to our mutual interest in MW DX, so don't feel that you have to restrict your submissions to a topic I suggest.

Summer has arrived abruptly here and that seems to be the season that many DX'ers devote to antenna repair and improvement. I've been playing around with two 60 foot square LoG antennas (one oriented for NE/SW main lobe and the other for NW/SE) which is all I have room for in my suburban backyard. I am pleased with how quiet they are considering the RFI mess I am in the midst of. I'm trying out different antenna combinations - the two LoGs, one LoG and the Par EF, one LoG and the longwire etc. - using the ANC-4. To my delight, I've been able to null most of the 50KW locals like WFAN and WCBS, but so far haven't heard anything in the nulls. Hope springs eternal!

What is your most useful antenna setup? If you have limited space or are restricted by HOA rules and regs, what have you done to work around those limitations?

73, Linda

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 132.

Yukon to Finland

There is a great article on DX'ing from Finland to the CBC in Yukon. The link is below to the video including an interview the DX'er himself. Thanks to Dan Sys for the info.

<https://www.facebook.com/cbcyukon/videos/1242559709461772/>

Included is an ID for CBDN 560 Dawson City.

SDR Loggings

It has been a while since I received any loggings but here you go:

The following items are too old for 'Domestic DX Digest East.' Taking advantage of local Spanish blaster WKDV Manassas, VA being off air as I discovered on December 2, 2020. Initially I captured 24 hours for 1450 to 1470. After a few days, I cut back capture to only 1725 ET thru 0835 ET. I have lots of listening to accomplish and didn't want to wait to report.

The following were heard December 3, 2020 using Winradio G33DDC SDR rx with a homemade 134 foot multiband antenna running NW to SE.

1460 WMBA PA Ambridge mixing with WTKT, WHIC, WQOP, WBUC, Gospel singing and Spanish singing. 0359 ET male "You are tuned to Beaver County Radio. 12-30 WBVP Beaver Falls, 14-60 WMBA Ambridge... 99.3 FM."

1460 WEEN TN Lafayette mixing with WTKT, WBUC, other singing and Spanish singing. 1559 ET male "... 14-60 AM and now 95.7 FM. This is 'Solid Gospel Radio'.". New station for me.

1460 WRKB NC Kannapolis mixing with WTKT, WBUC, WEEN and Spanish singing. 1921 ET male "... WRKB and 106.1 WRNA". New station for me.

73, Kraig Krist, KG4LAC Manassas, VA USA

Bits and Bites from the NRC Listserv

From: Jim Renfrew

Re: Eton 1 follow-up

Thanks for running my comments about removing the rubberized surface of my Eton-1. (This was the last column-Ed.) My Grundig-8 needed similar treatment, this time with 90% Isopropyl Alcohol. Is 90% better than 70%? I couldn't tell. Now I can touch both receivers without having my hands become a sticky sponge.

In the meantime, my Eton-supplied antenna cable had broken, somehow the copper center had broken off. The coax is a ten-inch short coax that fits the Eton-1 antenna socket at one end and with a male PL-259 at the other end. I don't know what kind of connector is used for the receiver socket. It's not a PL-259 or a BNC, though it is similar in size to a BNC. To repair the coax turned out to be a challenge. It was easy enough to cut the short coax and strip it, but I couldn't figure out how to get inside of the plug, to remove the broken wire and insert the new one. Finally I used the "Armstrong" method and realized that the plug could be pulled apart. It didn't require soldering because inside the plug there is a tiny set screw that secures the copper wire, plus a screw-in piece that when

tightened forms a tight collar around the coax. I was impressed with the design once I figured it out and it seems quite secure now.

Now, I need to actually put batteries in and test out the Eton-1 with one of my antennas. Of course, neither receiver is my go-to receiver, but it bothered me to see the sticky condition they had exhibited. The Eton-1 is "XM satellite ready," but I've not looked into that as the main household stereo is where I have XM. I'm just not in such great need of XM that I need to carry the Eton-1 with me anywhere else.

From: Paul B. Walker

Re: A Unique Solution for an Antenna Support/Mount

My speaker stands haven't arrived yet so I had to figure out a way to hold up my loop antenna while keeping it steady and straight.... and here's my solution for the winter. I filled a trash can with water, put the 5 foot long 1 1/4" PVC pipe in one corner of the trash can and had the trash can flush with the side of my porch wall then I left the trash can out overnight.

I then brought the ice filled trash can to be bottom of my 3 steps, put it in the red plastic sled and pull the sled 150 feet up the KSKO driveway by strings attached to the end of the sled.

That's one majorly solid chunk of ice and since McGrath, Alaska won't see above freezing temperatures for any length of time till April or so, I'm good for awhile.

That sled holds my radio and recording gear... load up the sled and take it down the KSKO driveway to my "listening post", which is the two totes stacked on top of each other.

Here's a link to a picture of what I just described: <https://ibb.co/G0jc5sQ>

From: Russ Edmunds

Re: Time Pips Listing

The latest update to this document has been completed and is available at www.radiodxing.com/TimePipsCatalog.xlsx.

Please address any additions, corrections etc. to amfmdxer@bcdx.us

From: Les Rayburn, N1LF

Re: Location Location Location – AM Radio Stations Selling Out

Since 2000, nearly 400 AM radio stations have ceased operations in USA. Transport Topics says the transmitter sites are now valuable real estate for the logistics industry.

The report says:

The familiar real estate adage "location, location, location" rings true these days for huge tracts on the outskirts of major cities — sites that for decades housed AM radio towers but that today command top dollar as e-commerce fuels rising demand for new warehouses and logistics centers.

Look no further than the \$51 million sale of a five-acre parcel in Queens, N.Y., where an AM radio station will eventually abandon its existing tower and transmitter site, and move it.

New York radio station WFME's owner, Nashville, Tenn.-based Family Radio, sold its AM transmitter site to Prologis, a San Francisco developer that specializes in building warehouses for companies looking to expand final-mile capability.

<https://www.ttnews.com/articles/am-radio-transmitter-sites-now-valuable-real-estate-logistics-industry>

(Via Southgate <http://www.southgatearc.org/news> & MWC Circle E-Mail List)

From: Rick Dau

Re: The Future of the Radio DX'ing Hobby

I initially joined both the NRC and IRCA in 1988, when I was 23, and nobody here can overstate how drastically the AM band has changed in the years since. What were clear channels 32 years ago now sound more like regional channels, what were regionals back then resemble graveyard frequencies these days, and what were graveyarders long ago...well, you get the idea. They say that the only thing that is constant IS change. What will happen with the hobby of DX'ing AM, and with the band itself? Much has been discussed on these lists in recent days about how it's becoming more difficult to get anyone under the age of 30 interested in a medium that is (it would appear, anyway) becoming more obsolete. Such is the advance of time. To expound on what Russ Edmunds states below in his post, technology is constantly presenting us with new gadgets and sweeping our old standbys under the rug. When compact discs came along in the early 1980s and suddenly presented us with a way of hearing music much more clearly than ever before, I absolutely thought we'd arrived at the best way possible to enjoy recordings, and that nothing could ever improve on it. Little did I suspect! It's much the same now with radio. I know that many of us want to get "new blood" involved in DX'ing in this day and age -- in a way, we're sort of reversing the familiar adage by attempting to teach old tricks to new dogs. And, granted, it's challenging, when the trend of 20-somethings these

days is to bypass radio for whatever they see on the market as more convenient sources of entertainment and information. But speaking for myself, I just don't see radio evaporating entirely, even as its core audience ages. There always will be a market - a need, if you will - for it somewhere, even if we can't identify right now what that market is going to look like 20 or 30 years down the road.

Before I continue on, I feel the need to be critical of some of my fellow hobbyists, and I will try to do this tactfully and respectfully, but with a point. There are a fair number of DX'ers who pine for the "good ol' days" and want to know why we can't just get back to the times when the AM dial was more open, stations were more friendly in their relationships with DX'ers, etc. I've heard it in discussions at conventions (very often on station tours, which I now do strictly solo) and get-togethers, and I read it on these lists. Folks, Dr. Emmett Brown is not showing up tomorrow with a DeLorean to magically whisk us back to an era of frequency checks, Monday morning silent periods, and enough DX tests to fill up the entire front page of a DX publication (News OR Monitor, take your pick). Nowadays, as we all know, we get to deal with stations that are standoffish in their relationships with DX'ers, a governing body that is apathetic about enforcement of rules (that's all I'm going to stay about that), a very congested AM band, and buzz-generating devices that, by and large, make DX'ing tougher than ever before. In 2020, this is the hand that we have been dealt. But I, for one, will play the cards that I am holding -- my way of saying that I'll continue to DX regardless of whatever comes along to present challenges to the hobby's enjoyment.

One thing that I also feel that I need to stress is that DX'ers (again, some, but certainly not close to all) need to do a far better job in taking the initiative to inform themselves about what is happening in the hobby insofar as call letter changes, format changes, frequency changes, and so on, are concerned. In a story that is oft-related to some, I encountered one poor Rip Van Winkle at the 2014 IRCA Convention in Billings who was completely unaware that the KLIF callsign in Dallas had migrated from 1190 to 570. It did so in NOVEMBER OF 1990.

To that end, I would politely suggest mixing in 1 or both of 2 things: A) a visit to Barry McLarnon's website, <http://www.topazdesigns.com/ambc>, which, for the most part, is accurate and up-to-date (but do remember that much of the information there is based on contributions from YOU, the DX'er in the field, so be sure to get any changes, updates, and corrections to Barry when time allows you to do so!); and B) a purchase of the current NRC AM Logbook, such as I made when I popped my subscription renewal check to the NRC in the mail this morning.

So I continue to listen for IDs and local ads, happy when I am rewarded with new loggings, but I remind myself that it is JUST a hobby. As my personal priorities go, DX'ing is far down the totem pole, behind my work, and, most importantly, my health (30 years ago, as the readers of DX News back then will recall, I was wiring myself for all-night DX sessions by downing entire 2-liter bottles of Pepsi -- if I tried doing that now, I'd be on the fast track to diabetes). And if I ever do get married someday, DX'ing will get pushed even further down.

Ok, enough ranting, I will take off my "Mr. Tact" hat ("Gee, didn't that used to belong to someone else?", I ask in jest) and step off my soapbox for now. But I just wanted to make my thoughts known, because I've been wanting to a while now to express a few of them, and the posts that follow this one inspired me.

From: Ed Muro

Re: The Future of the Radio DX'ing Hobby

Ah, Rick.... radio as a hobby, what can I say....there are so many facets but they all seem to suffer the same fate when it comes to attracting today's youth to the hobby. It's akin to convincing a kid he should ditch his smart phone for an old landline phone and a TRS-80 computer.

With a 14 year old in the house, I try to expose him to it but I don't push it on him. The best was our power was out for a few days after a tropical storm in August and I got him to listen to a ball game on AM....but again, why would a kid want to listen to a ball game on the radio when he can watch it in HD on a 67-inch LED TV? I don't even know if kids today can make the connection of envisioning the stadium and the game as the broadcaster calls his play by play.

That said, what concerns me the most about AM will be a transition to digital, which I assume will put the nails in the hobby's coffin. It will also make millions of radios already in homes obsolete. From a public safety/news/weather perspective....I find that troubling. For now I will keep riding this horse until either it's dead or I am. Happy Trails.

From: Rick Shaftan

Re: The Future of the Radio DX'ing Hobby

AM won't transition to digital. It will just slowly fade away, and then the real DX will begin!

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From: Bob Galerstein W2VGD

Re: The Future of the Radio DX'ing Hobby

Ed, This is a discussion which started well over a decade ago on this list, a possible transition to only digital on AM and FM. Since it hasn't happened already, it likely won't happen at all, at least with iBoc. Perhaps with digital technology in the future which has not been fully developed. Speaking over a decade ago to the CE of the 50 kW directional station I was working with at the time, iBoc really wasn't compatible with directional signals, at least back then, from a tech standpoint. WOR somehow found a way. Plus, iBoc asked for our station to be the iBoc test station, but our Sr. VP declined, and never regretted that. Then iBoc went to WOR.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 135.

Thanks to Dan Sys who sent me these two pictures of the CBKY 1350 transmitter at Keremeos British Columbia. This must be one of the smallest AM radio stations on the air as a relay of CBC Radio One with all of 40 watts. If you have a smaller one send it in.



Dan also sent this link that will be fun for people interested in Music charts. He wrote: "VINTAGE CALIFORNIA CHARTS. Our good friend John in Fresno passes on this site which features a great assortment of California music surveys from the 50's, 60's, & 70's. Very nostalgic. <https://kimsloans.wordpress.com/top-40-stations-california/>."

Bits and Bites from the NRC Listserv

From: Les Rayburn, N1LF

Re: Recruiting on Facebook

Early in the DX season, Paul Walker began prodding me to become involved on Facebook, specifically on the many groups devoted to AM Radio and DXing.

While I'm very active on Twitter, and other social media platforms like NextDoor and YouTube—I've always avoid FB after seeing some of the drama that seems to unfold.

But Paul continued to make his case, and reluctantly I joined the platform—choosing to mask my identity. I wanted to connect with DXers, not classmates from high school. What I found was an entirely new source of information about the hobby, and an outlet to reach more people in the broadcasting community as well.

After a few months on the platform, I can share that there are a lot of AM DXers there—especially millennials who are not members of either the NRC or IRCA. In many cases, I'm not sure they are even aware of the clubs or understand the benefits of membership.

Have we ever thought about posting recruitment messages on these platforms? Especially important to include visuals. Engagement is much higher for posts that include images and/or videos.

Personally, I can't imagine not being a member of both clubs. Thoughts?

From: Tom Jasinski

Re: Recruiting on Facebook

Most of us old time AM Band DX'ers are getting up in age, I have been at this hobby for more than 60 years now. Look at some of the photos from yearly get-togethers. If we do not recruit, the hobby of AM DXing will slowly die.

One thing that makes it difficult for a young person to get started in this hobby is finding a quiet, interference free location. For me RF noise in my neighborhood is now so bad it is forcing me to travel 20 miles out in farm country to find a quiet, noise free spot to DX. My present quiet spot is 22 miles west of home, a spot free of power lines. On the positive side, having DX Tests to try for is a big help to keep this hobby going. And I commend you and the CPC program for your efforts.

From: Paul Walker

Re: Recruiting on Facebook

Facebook is a must if you want to recruit anyone under 40. DXers, full of the good ole boy, resistant to change system has to change. This is the way we've always done it and it works won't work anymore. It's, at best dented, at worse, going to cause the further demise. The success of my broadcast career has been adapting to whatever is thrown at me to remain relevant and employed.

Facebook is just as easy as email, which is what we're using right now, email. BUT, email can be delivered to one's spam folder and you don't have a popup notification on your phone for stuff that goes into spam folders and can be delayed by several minutes or hours.

Facebook: if you're in the "MWDX" or "I love AM radio" groups, you can set it so you get notified of all posts or set it so you only get notified of friends posts. Think of Facebook as the current day DX tips email list that's now gone.

Facebook is used by everyone from the casual DXer to the serious like me, the Van Horns in SC, Les and the Marcs in Massachusetts. Facebook is more casual and conversational while sticking on topic and it's where the young people hang out. Email lists are a bit more academic and full of older folks.

As a radio station program director from McGrath Alaska to Ridgway Pennsylvania, I've had huge successes with Facebook. A couple things I've learned you can't post just to post. THINK about your audience and ENGAGE with them post something that makes them think and then interact with your post. The more people that comment and like your post, the more traction it gets in showing up in people's Facebook newsfeeds. Just because you have 1000 FN likes, doesn't mean even half see it but the more it's interacted with, the more people see it.

You also need to post a picture, whether a real one or clip art, that's related to whatever you're posting about posts with pictures get more attention, why? Imagine scrolling through your news feed and just seeing text zoom, fly right by but a picture of an old radio or a Myanmar QSL will automatically grab your attention.

Some people will say well, security risks, personal information blah blah blah as for reasons not to join Facebook. If I can get Les Rayburn to join up, I think I've proven my point as to how useful it is.

Facebook is the HERE NOW AND IMMEDIATE source of info for those under their 40s or so. Too many times I run into older folks in any profession or hobby who are resistant to change.. because this is how we've always done things or they use the excuse, I'm old I can't learn new things. If my now late grandmother could use a computer to email into her early 90s, Facebook can be done by anyone. You don't have to provide all that much info create an email just to sign up for FB with, misspell your name, set your profile to private it's not as bad as it is.

Hate me for what I said or want to argue with me? Fine, but that's because I'm right and you either don't want to admit it or you're resistant to change

You want the younger set of folks you need to go where they are and email isn't it.

From: Les Rayburn, N1LF

Re: Recruiting on Facebook

Proud to point out that CPC Member, Lloyd Van Horn, W4LVH is **Straight Killing it!** on YouTube with his channel, "DX Central." Great information and insight for newcomers and experienced AM DX'ers alike. And his live-streamed DX sessions are more fun than anyone should be able to have in this hobby.

Using the built in "chat" feature on YouTube, we can all interact with Lloyd and each other while we twirl the dials looking for new ones.

He's coming soon with CPC and DX Test related content on the channel—and we can't wait. As they say on Twitter, "this is the content I'm here for!"

Visit it today: <https://www.youtube.com/channel/UCVKn6FsYIsNjDorND2MJ2MA>

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From: Gary DeBock
Re: Recruiting on Facebook

Although Facebook does have its quirks and jerks, I'm in full agreement with Paul about its value to a serious DXer. There are many Facebook groups run by famous European DXers, and many exotic DX stations have their own Facebook page, with unique information unavailable elsewhere.

The quicksand shifts quickly these days. The kids aren't on Facebook as much now. Instagram (part of the FB evil empire) is one place where they are. Snapchat is another. Twitter, still. It's a hard slog, I realize.

Someone said "pictures" ... yep. Good way to get attention regardless of platform. And not pictures of *us*. :-) Pics of radios, pics of QSLs (though better be "interesting" in some significant way), pics of antennas.

From: Peter Laws N5UWY
Re: Recruiting on Facebook

I've been on FB for (jeez) 13 years and it's not what it was, IMHO. I do use it mostly to keep up with distant family. I was on Twitter fairly heavily for a while but dragged myself out of that cesspool. There is an @N5UWY (not my original "handle") but I rarely actually look at it and almost never post. On Instagram, too, but can't really get into that one. Occasionally, I remember to look at my sister's Instagram where she has been posting midday COVID-19 outdoor strolls (with general commentary about life) ... but that's it. If there were to be a concerted effort to make a DX-related social media account, I might start there. It's more like Twitter than Facebook, IMHO. But again, I don't really *get* Instagram. :-) Oh, and don't forget YouTube. There are a TON of really good hobby radio related You Tubers out there.

From: Marc DeLorenzo
Re: Recruiting on Facebook

I agree with Les' comments on Lloyd's You Tube channel. Some awesome DX there and no doubt more to come. As for recruiting on Facebook, the Group that is administered by Bruce Conti and myself, "MWDX – The National Radio Club" is now private and cannot be viewed by the Facebook general public. All the general public can see is the basic description of the Group. So, I'm not sure how to recruit new members however new membership requests continue to come in. I guess it's a combination of word of mouth, the aforementioned Group Description, and the NRC & IRCA email lists.

From: Mike Bugaj, Enfield, CT
Re: Recruiting on Facebook

And the WTFDA has the "TV and FM DXing" group on FB which has been there for years and has over 1400 members. It, too, is private but that doesn't stop Joe Facebook user from joining out of curiosity. Over the years that FB group has resulted in only a handful of people joining the club since the operative word here is "FREE" and they won't join anything that costs just \$10 or \$15 a year. Since anyone can start their very own DX group on FB and get a decent base of users, why would any of them join a DX club? I wonder if anyone in NRC has ever checked to see how many people who joined the MWDX group ever went on to get NRC membership. Facebook is overrated. My 2 cents... Don't forget Discord. Don't forget Slack and the other places where DX'ers gather.

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

A quick note from the Publisher: Always remember that the NRC is a 100% volunteer organization – everything we do is accomplished by unpaid volunteers who pay their dues just like every other member. That means the club can do things and take on new projects to the extent that members step up and take responsibility for advancing the hobby through their efforts.

We've had many great new volunteers in recent years and months – our new Musings editor starting this issue (thanks Linda!), Marc and Bruce who do a great job with the Facebook group, our new CPC chair and members (which we share with IRCA) among many others. And there are folks who have been volunteering just about forever – and we don't take them for granted!

If you've got ideas for what the NRC could be doing and want to help make them happen – contact me (David at NRCDXNews@gmail.com) for *DX News* or the Board (Wayne at amlog@nationalradioclub.org) for anything else. New ideas (and volunteers to implement them) are always welcome!

**BE THE
CHANGE**
VOLUNTEER &
MAKE THE DIFFERENCE



Once Upon a Time ... by Ben Dangerfield

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Twenty-five years ago! A quarter of a century! These were the closing months of 1963, and the beginning of 1964, and the times were indeed troubled. Our President had been assassinated a week before Thanksgiving. The war in Southeast Asia was intensifying, and so were the civil rights protests in this country. But the DX was good, and getting better. After a Fall of LA receptions surrounding a few short cycles of TA activity, things broke wide open the third week of November. Early November 1963 had been mostly Latin American, but exciting LAs from all over. It seems that an awful lot of Central American and South American stations were on split frequencies, or slightly off even frequencies. 21 Costa Ricans were assigned to kilocycles ending in -25 and -75, but the other countries had them, too.

On Nov. 7th, I got a fine log on Radio Mia, Panama-645 kcs. Nov. 12th brought in OAX2B, Peru on 1095 kcs., and HJKD Neiva, Colombia-1587 kcs. was good the same day, All low powered stations. And big ones like XEW-900 were strong most nights.

A TA (Trans-Atlantic) cycle began around Nov. 14th, and on the 20th at 10:30 PM I "bagged" Baghdad, Iraq on 908 kc. (verie received a month later). The day Kennedy was shot, (Friday, Nov. 22nd), found the AFN-West Germany network on late, along with VOA-Munich-1196 and VOA-Rhodes-1259. At midnight, 50 watt CFSE at Seneterre, Quebec on 1425 kc, played sacred music. (I also recall that around this time there was confusion between this one and the AFRS station at Thule. Greenland, same frequency.) At 2:30 a.m., Nov. 23rd, the BBC stations on 1088 and 1151 kc. were strong and clear with commentaries on Kennedy. That afternoon, about 60 TA signals were picked up between 3:10 and 5:00 PM, including Sottens, Marseille, Athlone, and Cairo. The next day, (Sunday, Nov. 24th), AFN-Munich-1106 kc was like a local at 6:00 PM with classical and sacred music, and at 11:00 PM Budapest-1187 was in loud and clear. But my most exotic catch came the next morning, (Monday Nov. 25th) at 1 45 AM. It was Radio Niamey, Niger – in French – on 1511 kc. with 1000 watts. The verie came back on Dec. 5th, my 76th country at that time.

The following Monday morning (Dec. 2nd), KCTX, Childress, Texas, was really clear with a test program at 2:00 AM on 1510 kc, 250 watts. At the same time many British and French stations were heard. And at 3:00 AM, YVLO, Valle de La Pasqua, Venezuela was atop 1370 kc with their 1000 watts, playing "Moon River." Bear in mind that 25 years ago there were many clear frequencies both Sunday and Monday mornings when most U.S. stations shut down for maintenance between midnight and 6:00 AM. So it was possible to hear the test programs and the low powered stations from across the continent and across the seas. (And it was still possible to hear Australia and New Zealand on the Eastern U.S. coast, on regular wavelengths, as we will find in the spring of 1964.) At the end of 1963 the sunspot cycle was approaching its minimum, but still had almost a year to go.

Monday morning 12-9 brought a semi-regular, CX-28 (Radio Imparcial) of Montivedeo, Uruguay, atop 1090 at 2:00 AM with 20,000 watts, and a new one, CB-114, Santiago, Chile on 1140 kc, at 3:00 AM. On Dec. 15th, I had the thrill of hearing the *very first* broadcast from Radio Barbados, 795 kc: Christmas carols, beginning at 5:30 PM.

The next morning, (Monday the 16th), I counted about 75 TA signals between 2 and 3:00 AM, of which some 30 were very strong, And this cycle continued through December and into January. On the morning of Monday, Dec. 23rd, there was a Christmas program on local-like Valencia, Spain-773 at 1:30 AM; Brussels-926 was very good at 2:10, and Radio Eireann-566 came in nicely from 3:00 to 3:15 AM fadeout. My subsequent verie letter arrived soon after but fell behind a couch where I found it on Jan. 30th - like buried treasure. Christmas Eve brought Europeans in from 4:30 PM on, and there were great signals from Vatican-1529 and many of the French stations who were broadcasting Midnight Mass between 6:30 and 7:30 PM. What a contrast from the Christmas season reception in 1988! Oh for the good old days!

Saturday Dec. 28th had me close to my HQ-180 (which at that time had been my receiver for two years) from mid-afternoon until late in the evening. The parade started with the BBC outlet at Clevedon on 1457 kc. (20,000 watts) at 4:12 PM and ended with several East Germans at 11:00 PM. Little did I know, while stationed near Clevedon with the U.S. Army in 1944, that 20 years later I would pick up their local station so clearly on the other side of the Atlantic! And then on Monday morning, Dec. 30th, 1963, in came Monrovia, Liberia-650 at 2:00 AM (clear frequency), followed by Brazilians on 860, 1000, and 1200 kc. (all clear), between 3 and 4:00 AM! The only problem was that my wife complained when I came back to bed with cold feet!

New Years Day, 1964: KSL alone atop 1160 kc at 8:00 PM, KOA and KFI atop their frequencies at midnight! Monday morning Jan. 6th: KOB atop 770 at 2:00 AM, then a test from KEYS, Corpus Christi-1440 (mixed with XELZ, Mexico City) at 2:45 AM. It was almost always worth the cold feet for me, anyway. Among the Monday morning 1-13-64 catches was a 640 kc test from WNAD, Norman,

Oklahoma – over and under KFI, with CBN QRM! All the regular Europeans were strong from 1:45 to 3:00 AM. The splits were easy with so many domestic stations off.

Reception around 10:00 and 11:00 PM was usually interesting, and in mid-January, 1964, I was hearing stations from Romania, Yugoslavia, and East Germany at that time. I also had some good signals from European graveyard channels like 1484 (England), 1493 (France, mostly), and 1594 (Portugal and Italy). At 10:30 PM on Jan. 20th, a surprise was Radio El Sol, Lima, Peru on 895 kc with Peruvian Indian music. As January drew to a close, the European signals were from farther and farther away, as for example, the reception of Radio Kishinev in the Moldavian Republic on 998 kc, on 1-28-64 at 10:00 PM, and Lvov U.S.S.R.-935 kc. shortly afterward. In the coming months, these Eastern Europeans got even better, and I will touch on them in a subsequent article when I look back at what it was like when the sunspots hit rock bottom.

I think one of the remarkable things to remember about the DX 25 years ago is the low power it took to send signals such long distances in low sunspot years, and in other, earlier, years when so many frequencies were uncluttered. There weren't any megawatt stations in Europe, Africa, and the Middle East 25 years ago. The highest powered were Monte Carlo-1466 at 400 kilowatts, and Luxemburg-1439 at 350 kW, both of which came through often and clearly. VOA-Munich-1196 used only 150 kW, as did the British European Service transmitters at Crowborough (647 and 1295 kc), but all three could be heard many evenings like semi-locals. The largest BBC home stations were all in the 100 to 150 kW range, except for Clevedon as mentioned, but all could pack a wallop, as could the big French stations in the same power range. But even the British and French low powered transmitters (using 250 to 2000 watts) sometimes put in good signals over here. And some of the best TA signals ever heard emanated from Nice, France-1554 at 60 kW and Oldenburg, West Germany-1584 at 40 kW. A few of the East Germans, such as Dresden-1043 and Deutschlandsender-782 had powers in the 250 kW range, and they, too, often had super signals. Cairo-818 and Lvov-935 were listed at 300 kW, and on several occasions boomed in.

Quite a few relatively low powered stations like San Sebastian, Spain-1025 with 5 kW; Timisoara, Rumania-755 with 50 kW; Marrachek, Morocco-1196 with 1000 watts; and Covilha, Portugal-1562 and 1000 watts; all were frequently and fairly easily picked up over here. Of course, low powered Aussies and Zedders from down under had been making it to the Eastern U.S.A. since the 1930s, and this was still happening 25 years ago, but to a far lesser extent. I have noted with interest the recent loggings in these parts of some 500 watt Australians on 1620 and 1629 kc and think this must be a phenomenon of the extreme upper end of the band. I haven't logged any of them yet from here, but I did hear all of them while visiting Sydney in the summer of 1988.

As for the Latin Americans, well nearly all of them were low powered. Each Central American country had a few 10 kW stations but the great majority used 250 to 1000 watts. Colombia had mostly 10 and 50 kW stations on the lower half of the band, but those on the upper end were 100 watts and less. The same was pretty much the case with Venezuela. There was a smattering of 50,000-watters in the rest of South America, mainly in Brazil and Argentina, and they didn't have too much difficulty reaching these parts. The Caribbean radio stations were tiny ones in those days except for some Cubans and Radio Martinique, which used 50 kW on 1500 kc. Mexico had the highest powered stations in this hemisphere, including XERF-1570 at 250 kW, XEW-900 at 250 kW, XEWA-540 at 150 kW, and XELO-800 at 800 kW. Bonaire-800 was not yet on the air. The United States and Canada, of course, had far fewer ten and 50 kW stations on the so-called clear channels than they now do.

Who were some of our DXers 25 years ago? Well, we had Joe Fela at Newark, N.J., Hal Robie in Medfield, Mass., Leo Fox in Yukon, Ev Johnson in Mendota, Illinois, Ron Schatz at Miami, Florida, Roy Barstow in Walpole, Mass., Bill Nittler at Englewood, Col., Roy Millar in Marysville, Wash., Stan Morse [*sic*] in Bradford, Mass., Andy Rugg in Quebec, Dave Gleason in various LA lands, Wayne Plunkett in Weston, Ont., Russ Edmonds in New Jersey, Roger Winsor at Berwyn, Ill., and of course, Ernie Cooper, DXing from Brooklyn. And there was Frank Merrill in Milan, Mich., Joe Brauner in Punxsutawny, Pa., J. Warren Routzahn in York, Pa., Rich Heald in San Leandro, Cal., Dallas John in Illinois, Chris Manthey in Cleveland, Ohio, Jim Ernst at Mahone Bay, Nova Scotia, Clarence Freeman in California, Alex Bowab in Atmore, Alabama, Randy Seaver in San Diego, Cal., Ernie Wesolowski at Omaha, Neb., and Ron Schiller in Monmouth Beach, N.J.. There were Ralph Johanns and Ray Edge from Buffalo, N.Y., and Dick Cooper from Kittanning, Pa. And Larry Godwin at Boulder, Col., Pete Taylor, San Francisco, Hank Wilkinson in North Hollywood, Calif., and Swedish exchange student Peter Bengston, who was staying in Marion, Pa., near Wallingford. Peter was a Spanish expert and was a lot of help to me in identifying LAs. Sad to say, several of these DXers are no longer with us, but their interesting Musings, their foreign reports, and their dedication to the hobby will live on. Of the rest, some are still contributing, and that's good. I know there were some other top notch DXers at that time, but I was just trying to mention some who had reported in 25 years back.

In the months I am covering, Larry Godwin logged Thule, Greenland, on 1425 kc; Roy Barstow heard KTFI (Idaho) at signoff, Roy Millar verified 2000 watt 2WZ (New Zealand) from the state of

Washington; and Stan Morse was hauling back Dr. Pepper bottles from the convention. (I, too, drink Dr. Pepper, sometimes with a little bit of rum!) And Stan, like Ernie Cooper, accurately reported what he heard and when he heard it, with comments on the loggings and conditions.

Hank Wilkinson brought in Seoul, South Korea on 970 kc. and Sakhalinsk, U.S.S.R. on 973 kc. Dallas John, in Illinois, and I both logged KAIM-870 Honolulu. J.W. Brauner reported an "outlaw" on 1615 kc. Today they call them "pirates." Radio Americas, on Swan Island, off the coast of Honduras, was being reported on frequencies varying from 1160 to 1170. Broadcasts were to Cuba. Ralph Johanns in Buffalo logged KWYO-1410 in Wyoming, and several of us were hearing the 50-watter at Ramey AFB, Puerto Rico, on 780. Dick Cooper, who would later become our publisher, was visited by Fred Van Voorhees, a former IDXD editor. I met Fred at Grove City College during the War when he was active at WSAJ-1340, and we were both students. Among other interesting catches being made 25 years ago were 5AN Adelaide, South Australia-890 and 4QA-720 in Mackay, Queensland, Australia. I visited both of those places in July, 1988. Roy Millar logged those Aussies, the latter with his local KIRO-720 (*sic*) on the air!

So there was a lot being heard back in that era, and a lot of reporters. But I'm not sure that the relatively open frequencies and the minimum sunspots were completely responsible. I cling to the feeling that conditions in general have deteriorated during the past 25 years. Maybe there is too much electrical interference in the air, or perhaps something has happened to the ionosphere. And our Australian and New Zealand DXers, who still stick to long wires, are logging many U.S. and other stations 'round the world. Will we have to wait until 1997 (the next sunspot minimum) to find out?

I'll have more on the past in my next "Once Upon a Time." 25 years ago trouble was brewing in the NRC, and you might want to hear about those days. Stay tuned.

Ben Dangerfield
Ben Dangerfield

Pro Sports Networks

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Here is radio information for Major League Soccer (MLS) for the 2021 season, mostly coming from https://en.wikipedia.org/wiki/List_of_current_Major_League_Soccer_broadcasters, but I do not trust Wiki 100%. I found additional information via Google Internet searches. There are two teams where I could not locate an English-language broadcast, either radio or web. I am assuming that there are no radio networks except for, perhaps, Denver (Altitude Radio).

Atlanta United	92.9	WZGC-GA	EE	Mike Conti, Jason Longshore
	1600	WAOS-GA	SS	Armandi Carillo, Jorge Avina
	1460	WZEM-GA	SS	
	1130	WLBA-GA	SS	
Austin FC	97.5	K248CU-TX	EE	Lincoln Rose (// KASE-FM-100.7-HD2)
Chicago Fire FC		Web	EE e	Tyler Terens, Tony Meola. Arlo White (s)
	1200	WRTO-IL	SS	Raquel Ortiz
	93.5	WVIV-IL	SS	
FC Cincinnati	1530	WCKY-OH	EE	Tom Gelehrter, Kevin McCloskey. Alex Stec
Colorado Rapids	92.5	KKSE-CO	EE	Connor Cape
	950	KKSE-CO	EE s	
Columbus Crew SC	97.1	WBNS-OH	EE	Chris Doran, Jordan Angeli
D.C. United		Unknown	EE	
	900	WCLM-MD	SS	Óscar Burgos, Joel Navas, Milton Renderos
FC Dallas		Web	EE f	Tyler Kern
	1270	KFLC-TX	SS	Rafael Calderon
Houston Dynamo FC	97.5	KFNC-TX	EE	Glenn Davis, Eddit Robinson (s), Bobby Boswell (s)
	1010	KLAT-TX	SS	Daniel Mejia, Lester Gretsch
	93.3	KQBU-TX	SS	
Sporting Kansas City	810	WHB-MO	EE	Nate Bukaty, Jacob Peterson, Carter Augustine
	1340	KDTD-KS	SS	Raul Villegas, Enrique Morales
Los Angeles FC	710	KSPN-CA	EE	Dave Denholm

	980	KFWB-CA	SS	Armando Aguayo
L.A. Galaxy	570	KLAC-CA	EE	Jim Watson, Mark Rogondino
	1150	KEIB-CA	EE	
	1330	KWKW-CA	SS	Rolando Gonzalez, Armando Aguayo
Inter Miami CF		Unknown	EE	
	1140	WQBA-FL	SS	Diego Balado, Tony Cherchi
Minnesota United FC	94.5	KSTP-MN	EE	Callum Williams (tv), Dan Terhaar, Kyndra de St. Aubin (tv)
	690	CKGM-QC	EE	Rick Moffat, Brian Wilde, Grant Needham,
CF Montréal	800	CJAD-QC	EE	Joey Alfieri (h)
	91.9	CKLX-QC	FF	Olivier Brett, Raphael Doucet
Nashville SC	94.9	W236CI-TN	EE	John Freeman, Wes Boling, Kelly Glendenning (// WBUZ-FM-102.9-HD1)
New England Revolution	98.5	WBZ-MA	EE	Brad Feldman, Charlie Davies, Naoko Funayama
	890	WAMG-MA	SS	José Manuel Abundis
	94.9	W235CS-MA	SS	(// WAMG-890)
New York Red Bulls		Web	EE a	Matt Harmon, Steve Jolley
		Web	SS b	Stefano Fusaro
New York City FC	91.5	WNYE-NY	EE	Matthew Lawrence, Jason Hernandez
	1050	WEPN-NY	SS	Roberto Abramowitz, Ariel Judas
Orlando City SC	104.1	WTKS-FL	EE	Evan Weston (tv), Scott Harris, Paul Shaw
	740	WYGM-FL	EE	
	810	WRSO-FL	SS	Sergio Ruiz, Israel Heredia
Philadelphia Union	105.3	WDAS-PA	EE	Dave Leno, Sebastien Le Toux
	1340	WHAT-PA	SS	Luis Márquez, Jaime Becerril
Portland Timbers	750	KXTG-OR	EE	Jaks Zivin (tv), Keith Bleyer, Ross Smith (tv),
	101.1	KXL-OR	EE	Brett Jacobs, Joe Steven
	1150	KGDD-OR	SS	Josue Del Castillo
Real Salt Lake	700	KALL-UT	EE	Bill Riley, Jay Nolly, Jeremy Horton, Spencer Warne
	1600	KTUB-UT	SS	Isidro Lopez, Willy Barraeta
	102.3	KDUT-UT	SS	
	106.3	KBMG-UT	SS	
San Jose Earthquakes	1050	KTCT-CA	EE	Ted Ramey, Joe Cannon
	1370	KZSF-CA	SS	Carlos Cesar Rivera, Ramiro Corrales, Carlos Ramirez
Seattle Sounders FC	950	KJR-WA	EE	Matt Johnson, Andrew Harvey, Wade Webber (s), Danny Jackson (s), Pete Fewing (s)
	1360	KKMO-WA	SS	Mario Rodriguez, Felipe Maqueda (s), Carlos Tapia (s)
Toronto FC	1050	CHUM-ON	EE	Luke Wileman, Steven Caldwell
Vancouver Whitecaps FC	730	CHMJ-BC	EE	Corey Basso, Paul Dolan (s), Colin Miller (s)

a – Via TuneIn Radio at [this link](#).

b – Via TuneIn Radio at [this link](#).

c, d – Reserved

e – English audio at <https://www.chicagofirefc.com/>

f – English audio at <https://www.fcdallas.com/broadcast/radio>

s – Selected games

tv – When games are broadcast on national TV.



At left: an RME-45 receiver from the late 1940s. 10 tubes, covers 540 kHz to 33 MHz.

Photo via W8ZR vintage receiver web page at <http://www.w8zr.net/vintage/receivers/index.htm>

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