

DX News

Serving Medium Wave DXers since 1933

Volume 89, No. 19 • August 30, 2022 • (ISSN 0737-1639)

Inside this issue . . .

- | | |
|--------------------------------|------------------------------|
| 2 ... AM Switch | 20 ... DX Toolbox |
| 6 ... Geomagnetic Indices | 23 ... Confirmed DXer |
| 7 ... Domestic DX Digest West | 25 ... Pro Sports Nets (NFL) |
| 16 ... Domestic DX Digest East | 34 ... Graveyard DX Update |
| 18 ... International DX Digest | 34 ... From the Archives |
| 20 ... Musings of the Members | |



NRC AM Radio Log 43d Edition: Is back from the printer and all pre-orders have shipped. If you haven't received yours yet, check with Wayne at Aurora HQ to see if we can find what happened to it.

New Members: Welcome to John Hanna, Brookfield, IL; Ron Recsnik, Bemidji, MN; Terry Sparks, Lawrenceville, GA; Lawrence Spinner, Barnegat, NJ; Mark van Wijk, Boxtel, Netherlands; and Charles Williams, San Diego, CA.

Volume 89-90 DXN Schedule

No	D'dline	Print	10	Jan. 29	Feb. 7
20	Sept. 11	Sept. 20	11	Feb. 12	Feb. 21
1	Sept. 25	Oct. 4	12	Feb. 26	Mar. 7
2	Oct. 9	Oct. 18	13	Mar. 12	Mar. 21
3	Oct. 23	Nov. 1	14	Apr. 2	Apr. 11
4	Nov. 6	Nov. 15	15	Apr. 23	May 2
5	Nov. 20	Nov. 29	16	May 14	May 23
6	Dec. 4	Dec. 13	17	June 11	June 20
7	Dec. 18	Dec. 27	18	July 9	July 18
8	Jan. 1	Jan. 10	19	Aug. 13	Aug. 22
9	Jan. 15	Jan. 24	20	Sept. 10	Sept. 19

Renewing Members: Thanks for the ongoing support of Linda Brodsky; Phil Bytheway; Fernando Cano; Saul Chernos; Francesco Clemente; Douglas Copeland; W.C. Cornwall; Jim Dapkus; Bill Dvorak; Albert Earnhardt; Alan Englander; Larry Flaitz; Patrick Flanagan; Dave Freeman; Ken W. Garner; William R. Hale; Hal Hoffman; Mark Hogan; Ronald J. Hunsicker; Alexander W. Kaminski; Roger Laskowski; Henry Mensch; Darrell Neft; James Niven; John Nowak; Ray Offutt; Bruce Paulin; Terry Pierson; Arnold Podair; Richard M. Ray; David Reitz; John Rieger; Anthony Rogers; Wolfgang Schneider; David Schweikart; David Snellman; Vincent Staffo; Jussi Suokas; Robert Tupaj; Raymond Vallee; Robert Walker; Dennis Wenger; Mike Westfall; and David M. Wurl.

Membership Report

"Thank you for all that the editors do!!" – David Wurl

"This will be my 30th year in the Club." – Bill Dvorak

NRC Log 43rd Edition Now Available

The AM Radio Log is a source for information on AM Radio Stations in the United States and Canada. The Log contains 300+ pages of individual station data and cross references and an additional 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. Reference lists include State/Provinces in frequency order, listings of regional groups of stations in the groups section and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in US funds drawn on a US institution, (Colorado Residents Only please add 8% Sales tax or your local Colorado sales tax rate, if lower and the all new \$0.27 retail delivery fee!) to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at our on-line store located at our website:

www.nationalradioclub.org

MEMBER USA Price \$30.95 Priority Mail

NON-MEMBER USA Price \$37.95 Priority Mail

MEMBER/NON-MEMBER Canada Price US\$44.60 Global Priority Mail

MEMBER/NON-MEMBER outside US/Canada Price US\$55.75 Global

Priority Mail

(Prices subject to changes if USPS raises the postage!)



AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, NRCDXNews@gmail.com

Canadian info – Compiled by Shawn Axelrod, Dan Sys, and Jon Pearkins

NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org

NRC AM Log data mining provided by Shawn Axelrod and Bill Hale

FCC and CRTC Decisions and Applications

CALL CHANGES

- 1050 WSGN AL **Alexander City** – Call change to WFXO (July 31).
 1590 WRCY IN **Mount Vernon** – Requested call change to WPIW, to be effective Aug. 9, but still WRCY in FCC databases as of Aug. 21.
 1600 WKYI KY **Eminence** – Call change to WLUE (Aug. 15).



DELETED STATIONS

- 1180 WLTT NC **Carolina Beach** – License cancelled Aug. 16; station owner died in Oct. 2020 and FCC discovered this station and WWIL-1490 haven't been operating since then.
 1350 WCBA NY **Corning** – License cancelled Aug. 10; station was silent since Aug. 9, 2021.
 1490 WWIL NC **Wilmington** – License cancelled Aug. 16; see WLTT-1180 above.

CONSTRUCTION PERMITS (CPS) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 970 KSYL LA **Alexandria** – Granted license to cover CP with U1 1000/120, existing site.
 1410 KDBS LA **Alexandria** – Granted license to cover CP with U1 1000/28, new site (diplexed with KSYL-970) at 31-19-35/92-29-22.
 1470 WTZE VA **Tazewell** – Granted license to cover CP with D1 1000, existing site.

CPs built and moving toward final licensing:

- 930 KWOC MO **Poplar Bluff** – Applies for license to cover CP with U1 5000/42, adjust coordinates to 36-43-16/90-22-14.
 1230 WEEX PA **Easton** – Applies for license to cover CP with U1 1000/1000, adjust coordinates to 40-42-31/75-13-00, and applies for program test authority.
 1290 WXKL NC **Sanford** – Applies for license to cover CP for new tower, existing site, and applies for program test authority.
 1310 WDXI TN **Jackson** – Applies for license to cover CP with U1 5000/50, adjust coordinates to 35-39-51/88-49-22.
 1340 KROS IA **Clinton** – Applies for license to cover CP with new tower, no other changes.
 1370 WLTH IN **Gary** – Applies for license to cover CP with U1 1000/9, existing day site.
 1490 KIBM NE **Omaha** – Applies for license to cover CP with U1 970/900, new site (diplexed with KCRO-660) at 41-18-47/96-00-36 and applies for program test authority.

CPs granted:

- 550 KTZN AK **Anchorage** – Granted CP with U1 5000/5000, existing site.
 570 WMAM WI **Marinette** – Granted CP with U1 180/100, new site (diplexed with WHYB-FM-103.7) at 45-03-58/87-39-55.
 610 KILT TX **Houston** – Granted CP with U4 2700/2500, new site (diplexed with KNTH-1070) at 29-59-34/95-28-20.
 780 KJME CO **Fountain** – Granted CP with U1 500/15, new site (diplexed with KCEG-890) at 38-49-08/104-46-32.
 850 WPTB GA **Statesboro** – Granted CP with U1 1000/25, adjust coordinates to 32-27-56/81-49-58.
 890 KCEG CO **Fountain** – Granted CP with U1 2500/12, new site (diplexed with KJME-780) at 38-49-08/104-46-32.
 1090 KBOZ MT **Bozeman** – Granted CP with U1 5000/32, new site 45-36-30/111-05-05.
 1230 KOBB MT **Bozeman** – Granted CP with new site 45-36-30/111-05-05.
 1400 KSRR UT **Provo** – Granted CP with U1 1000/1000, new site (diplexed with KEYY-1450) at 40-13-48/111-41-09.
 1490 KIBM NE **Omaha** – Granted CP with U1 970/900, new site (diplexed with KCRO-660) at 41-18-47/96-00-36.

1570 WFRL IL **Freeport** – Granted CP with U1 1000/210, adjust coordinates to 42-18-45/89-35-40.

Applications for CPs received:

1440 WLXN NC **Lexington** – Applies for CP with U1 5300/500, existing day site; replaces identical CP which expired unbuilt.

1490 KBRO WA **Bremerton** – Applies for CP with U1 5000/12 on 1480 kHz, correct coordinates to 47-33-53/122-39-30; to accommodate this CP, KARR-1460 and KNTB-1480 would surrender their licenses.

1510 WMEX MA **Quincy** – Applies for CP with U8 (i.e., DA CH and night) 25000/1800, existing site.

1550 KKCL CO **Golden** – Applies for CP with U1 1000/210, new site 39-46-01/105-07-22.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

560 WMIK KY **Middlesboro** – Granted STA, U1 1500/88, installation of new transmitter.

610 WCEH GA **Hawkinsville** – Granted STA, U1 60/60, lightning damage.

640 WMEN FL **Royal Palm Beach** – Granted STA, U4 10000/4500 due to Cuban QRM; this used to have an STA for 25 kW days, then used only 5 kW day power since November 2021 due to a transmitter fire, but has now replaced the transmitter.

740 KRMG OK **Tulsa** – Granted STA, minor parameters at variance after replacement of tower lighting system.

850 WEEI MA **Boston** – Granted STA, parameters at variance, pattern affected by QRM from nearby cell tower.

940 KYNO CA **Fresno** – Granted STA, U1 12500/12500, copper thieves.

950 WBES WV **Charleston** – Granted STA, U1 20/20, 161' LW at 38-21-26/81-40-05, is losing licensed site.

980 WILK PA **Wilkes-Barre** – Granted STA, U2 1000/750, unknown power problems.

1000 KTOK OK **Oklahoma City** – Granted STA, U4 5800/1250, day pattern at night, switching problems.

1240 WIOV PA **Reading** – Granted STA with reduced power (using about U1 100/100), copper thief damage.

1330 WBTM VA **Danville** – Granted STA, U1 500/250, lightning damage.

1360 WMOB AL **Mobile** – Granted STA, U1 250/50, 172' wire at 30-41-16/87-47-54; has lost licensed site.

1390 WKIC KY **Hazard** – Granted STA, D1 250, copper thieves stole grounding system.

1400 WFPA AL **Fort Payne** – Granted STA, U1 200/200, 167' LW at 34-26-32/85-43-17; silent station needed to broadcast by July 28.

1480 WPFR IN **Terre Haute** – Granted STA, U1 1250/250, two of six towers inoperable.

Applications for STAs received:

790 KBME TX **Houston** – Applies for STA to use CP facilities after triplexing.

930 KMPT MT **East Missoula** – Applies for STA, U1 5000/250, preparing move to CP site.

950 KPRC TX **Houston** – Applies for STA to use CP facilities after triplexing.

1320 WDER NH **Derry** – Applies for STA, U4 550/550 from backup transmitter.

KXYZ TX **Houston** – Applies for STA to use CP facilities after triplexing.

1560 WLZR FL **Melbourne** – Applies for STA, D1 100, LW at licensed site, tower fell in storm.

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

580 WKAQ PR **San Juan** – Granted STA extension, parameters at variance (back to using DA pattern, had been U1 for years to accommodate other stations at the site).

600 WYEL PR **Mayagüez** – Granted STA extension, U1 1250/1250.

610 WIOD FL **Miami** – Granted STA extension, U4 10000/10000, Cuban QRM.

660 KGSV CA **Oildale** – Granted STA extension, U1 2000/1500 or less (using U1 1590/1500).

790 WLBE FL **Leesburg-Eustis** – Granted STA extension, U1 5000/250.

820 WWFD MD **Frederick** – Granted STA extension, all-digital (1-year extension).

860 WDMG GA **Douglas** – Granted STA extension, D1 400.

WOAY WV **Oak Hill** – Granted STA extension, U1 7000/11 (ch 5000).

870 WQBS PR **San Juan** – Granted STA extension, U1 1250/1250.

910 WSRP NC **Jacksonville** – Granted STA extension, U1 500/1250 or less (using U1 500/500).

920 KKLS SD **Rapid City** – Granted STA extension, parameters at variance.

970 KFEL CO **Pueblo** – Granted STA extension, U1 200/185.

	WNNR	FL	Jacksonville	–	Granted STA extension, U1 250/41.
	KUFO	OR	Portland	–	Granted STA extension, parameters at variance.
1020	KJJK	MN	Fergus Falls	–	Granted STA extension, U2 60/60.
1030	WONQ	FL	Oviedo	–	Granted STA extension, U1 45000/425.
1060	KGFX	SD	Pierre	–	Granted STA extension, parameters at variance.
1070	KFTI	KS	Wichita	–	Granted STA extension, U2 5000/1000.
1180	KGOL	TX	Humble	–	Granted STA extension, D1 100, 241' vertical wire 29-49-33/95-22-37.
1190	WWIO	GA	Saint Marys	–	Granted STA extension, D1 250.
1240	KRAL	WY	Rawlins	–	Granted STA extension, U1 50/50, LW at 41-47-04/107-15-47.
	WALO	PR	Humacao	–	Granted STA extension, U1 1000/5000, Dom. Rep. QRM.
1260	WCHV	VA	Charlottesville	–	Granted STA extension, D1 800.
1290	WWTX	DE	Wilmington	–	Granted STA extension, U1 1100/25 from WILM-1450 tower.
1310	WADB	NJ	Asbury Park	–	Granted STA extension, U1 625/250.
1320	WDMJ	MI	Marquette	–	Granted STA extension, U1 200/135.
	WVNZ	VA	Richmond	–	Granted STA extension, D1 300.
1330	WHGM	MD	Havre de Grace	–	Granted STA extension, D1 10, whip at 39-33-02/76-05-30.
1370	WXXI	NY	Rochester	–	Granted STA extension, U1 5000/1250.
1380	WLRM	TN	Millington	–	Granted STA extension, U1 1000/9.
1430	KRGI	NE	Grand Island	–	Granted STA extension, U1 5000/250.
1510	KSPA	CA	Ontario	–	Granted STA extension, U1 10/10, whip at 34-00-00/117-40-10.
1520	KMPG	CA	Hollister	–	Granted STA extension, D1 3400.
	WRSJ	PR	San Juan	–	Granted STA extension, U1 1000/1000.
1530	WCKG	IL	Elmhurst	–	Granted STA extension, D1 190, tower at 41-51-46/87-55-26.
1550	KKCL	CO	Golden	–	Granted STA extension, U1 200/87½, 36.6 m LW 39-49-59/105-14-12.
	WRHC	FL	Coral Gables	–	Granted STA extension, U1 1800/125 from WWFE-670 tower.
	WSRY	MD	Elkton	–	Granted STA extension, reduced day power (using U4 120/1).
1590	KVEN	CA	Ventura	–	Granted STA extension, parameters at variance.
	WFBR	MD	Glen Burnie	–	Granted STA extension, parameters at variance.

Applications to extend previously granted STAs received from WNSR-560 Brentwood TN, WRJR-670 Claremont VA, WSGH-1040 Lewisville NC, WDIZ-1320 Venice FL, WRDB-1400 Reedsburg WI, KCWM-1460 Hondo TX, WCKY-1530 Cincinnati OH, and WECU-1570 Winterville NC.

SILENT STATIONS

Stations notifying the FCC that they are silent:

540	WGOP	MD	Pocomoke City	–	Silent Aug. 18, fire at studio and transmitter building.
690	KRGS	CO	Rifle	–	Silent July 28, transmitter failure.
730	KDBI	ID	Boise	–	Silent July 1, hopes to be on from CP site in November.
910	WCBN	WI	Hayward	–	Silent Aug. 7, power surge damaged transmitter.
920	KLMR	CO	Lamar	–	Silent July 23, severe water damage from storm.
1000	WCCD	OH	Parma	–	Silent Aug. 11, has lost licensed site.
1240	KLYQ	MT	Hamilton	–	Silent June 20, restructuring after station sale.
1340	KYLT	MT	Missoula	–	Silent June 20, restructuring after station sale.
1400	KESQ	CA	Indio	–	Silent Aug. 5, has lost licensed site.
	KSPT	ID	Sandpoint	–	Silent Aug. 2, has lost licensed site.
	KEBE	TX	Jacksonville	–	Silent Aug. 9, citing "certain financial constraints."
1490	KSYC	CA	Yreka	–	Silent July 19, has lost licensed site.
1510	WGKB	WI	Waukesha	–	Silent June 17, transmitter failure.
1580	KTLU	TX	Rusk	–	Silent Aug. 9, citing "certain financial constraints."

Formerly silent stations notifying the FCC that they are on the air:

900	WMOP	FL	Ocala	–	Silent Aug. 30 (2021); back on the air Aug. 3.
910	WSRP	NC	Jacksonville	–	Silent July 6; on the air with STA July 29.
1000	WJBW	FL	Jupiter	–	Silent July 21 (2021); on the air with STA July 19.
1070	WFNI	IN	Indianapolis	–	Silent Aug. 3 (2021); on the air with STA Aug. 1.
1080	KEMR	NM	Moriarty	–	Silent Jan. 3; back on the air July 9 (or July 12?).
1180	KGOL	TX	Humble	–	Silent Aug. 29 (2021), on the air with STA June 13.
1220	WREV	NC	Reidsville	–	Silent July 6; back on the air July 18.
1270	KDJI	AZ	Holbrook	–	Silent Aug. 7 (2021), on the air with STA Aug. 5.
1300	KHTW	TX	Lumberton	–	Silent Nov. 11 (2021); on the air with U4 400/270 July 30.
1390	WEED	NC	Rocky Mount	–	Silent May 19; back on the air June 14.
1400	WFPA	AL	Fort Payne	–	Silent since Nov. 6 (2021); on the air with STA July 28.
	WFDM	FL	Fort Walton Beach	–	Silent Aug. 12 (2021); on the air Aug. 2.

1450	KNHD	AR	Camden	– Silent June 2 waiting for transmitter parts; back on the air June 22.
1480	WPFR	IN	Terre Haute	– Silent since Sept. 9 (2021); on the air with U1 1250/250 STA July 31.
1490	WTKE	FL	Milton	– Silent since Aug. 1 (2021); on the air with U1 400/400 July 31.
1500	WAKE	IN	Valparaiso	– Silent July 15 (2021); back on the air July 14.
1520	WPAY	OH	Rossford	– Silent July 16 (2021); back on the air June 8.
1560	KZQQ	TX	Abilene	– Silent Mar. 24; back on the air Aug. 1.
	KZIZ	WA	Pacific	– Silent July 28 (2021), on the air with STA July 24.
1580	WGYM	NJ	Hammonton	– Silent June 23, withdrew request for silent STA Aug. 1 so presumably back on the air.
1590	WSMN	NM	Nashua	– Silent July 11, back on the air July 28.

COORDINATE CORRECTION

550	KBOW	MT	Butte	– Granted license to cover CP to correct coordinates to 45-58-13/112-34-50.
1340	WGAA	GA	Cedartown	– Granted license to cover CP to correct to 34-02-05/85-15-08.

NRC AM Log Updates

Here are updates that have occurred since the brand-new 43rd Edition of the *Log* went to press.

560	WJLS	WV	Beckley	– Slogan to “WJLS News Network,” adds // W281AJ-104.1; delete Grp= WJLS News Network. (RI)
600	WCVP	NC	Murphy	– Format to OLD (ex-GOS/C&W), delete slogan; networks to USA. (TK)
620	WDNC	NC	Durham	– Slogan to “The Buzz,” networks to CS/ESPNwkns; adds // WCLY-1550. (RI)
760	WCPS	NC	Tarboro	– Slogan to “The Gospel Train,” adds // W242DG-96.3; delete Grp= The Gospel Train. (FCC)
790	WPRV	RI	Providence	– Networks to CS/Jr/BetQL. (RInk)
810	WEDO	PA	McKeesport	– Format to C&W (ex-TLK/REL/ETH/NOS). (StIntel)
830	KGLA	LA	Norco	– Format to SS:AC (ex-SS:Tropical); Group to Grp= Latino Mix 97.5 (ex-Grp= Radio Tropical). (TK)
860	KONO	TX	San Antonio	– Slogan to “The Big 86.” (BH)
910	WGTO	MI	Cassopolis	– Group to Grp= MeTV-FM. (DXMid)
970	WFLA	FL	Tampa	– Networks to Fox/Fn/BNN/P/RA/WW1/C2C. (RInk)
	KBUL	MT	Billings	– Slogan to “NewsTalk 970 & 103.3,” adds // K277DS-103.3; delete Grp= NewsTalk 970 & 95.5. (RI)
1060	KDYL	UT	South Salt Lake	– Slogan to “Radio 10-60 La Mejor.” (JW)
1080	KEMR	NM	Moriarty	– Format to AC (ex-REL); slogan to “East Mountain Radio.” (DXM) (FCC) (StIntel)
1230	WSOK	GA	Savannah	– Slogan to “Gospel 99.7,” adds // W259DE-99.7; delete Grp= Gospel 99.7. (DXMid)
1230	KFUN	NM	Las Vegas	– Format to C&W (ex-SS/EE:MEX/C&W). (DXMid)
	KSIX	TX	Corpus Christi	– Slogan to “SportsRadioCC,” adds // K236CM-95.1; delete Grp= SportsRadioCC. (DXMid)(WH)
1240	KAMQ	NM	Carlsbad	– Format to Rock (ex-SPT); slogan to “96.3 the Q,” drops nets. (StIntel)
1270	WTLY	FL	Tallahassee	– Format to SPT (ex-UC:HipHop); slogan to “96.5 The Spear,” networks to FSR. (RI)
1300	WQBN	FL	Temple Terrace	– Delete // W294CR-106.7. (RI)
1310	WTLC	IN	Indianapolis	– Slogan & Group to Grp= The Light. (IRW)
1320	WFHR	WI	Wisconsin Rapids	– Slogan to “Locally Grown Radio.” (RI)
1330	WRAA	VA	Luray	– Correct City of License from Blacksburg. (DS) (<i>My Bad! wwh</i>)
1350	WLOU	KY	Louisville	– Group to Grp= The Original Soul of Louisville. (RI)
1360	WLBK	IL	Dekalb	– Format to CLR (ex-TLK/SPT); slogan & Group to Grp= FM 98-9 & 1360 WLBK 80s 90s Now (ex-Grp= News and Information Station), drop nets. (DXMid)
1370	WLTH	IN	Gary	– Slogan to “The Voice of Northwest Indiana,” adds // W224EA-92.7; delete Grp= The Voice of Northwest Indiana. (RI)
1390	WEED	NC	Rocky Mount	– Adds // W289BL-105.7. (FCC)
1410	KQV	PA	Pittsburgh	– Slogan to “1410 KQV & 88.1 KGO.” (StIntel)

- 1440 **WFNY** NY **Gloversville** — Format to CLR/VAR (ex-CLR); slogan & Group to Grp= The Glove Cities Favorite (ex-Grp= Classic Hits 94.1/93.1). (StIntel)
- 1460 **WABQ** OH **Painesville** — Adds // W234DO-94.7. (FCC)
- 1490 **KDMO** MO **Carthage** — Format to CLS (ex-NOS); slogan to “Music Radio 93.5.” (DXMid)
- 1500 **WAKE** IN **Valparaiso** — Format to AC/OLD (ex-CLR); networks to A/WW1; slogan & Group to Grp= MeTV-FM. (StIntel)
- 1550 **WCLY** NC **Raleigh** — Format to SPT (ex-AOR); slogan to “That Buzz,” networks to CS/ESPNwkns; adds // WDNC-620. (RI)
- 1590 **KLFE** WA **Seattle** — Format to REL (ex-REL); slogan to “Relevant Radio,” networks to RR. (NWB)
- 1600 **WLUE** KY **Eminence** — Format to UC:OLD (ex-CLR/C&W), delete networks and slogan; Group to Grp= The Original Soul of Louisville. (RI)
- KUSH** OK **Cushing** — Format to C&W (ex-C&W/OLD) (StIntel)



New Groups

- Grp= MeTV-FM – WGTO-910, W246DV-97.1, WAKE-1500 (DXMid)
- Grp= The Light – WTLC-1310, W236CR-95.1, W224DI-92.7 (IRW)
- Grp= The Original Soul of Louisville – WLOU-1350, WLUE-1600, W231DB-94.1, W284AD-104.7 (RI)

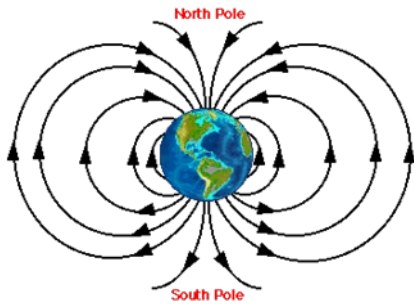
Group Name Changes

- Grp= Classic Hits 94.1/93.1 becomes Grp=The Glove Cities Favorite (StIntel)
- Grp= News and Information Station becomes Grp= FM 98-9 & 1360 WLBK...80s 90s Now (DXMid)
- Grp= Radio Tropical becomes Grp= Latino Mix 97.5 (TK)

Deleted Groups

- Grp=Gospel 99.7 (DXMid)
- Grp= NewsTalk 970 & 95.5 (RI)
- Grp= SportsRadioCC (DXMid)(WH)
- Grp= The Gospel Train (FCC)
- Grp= The Voice of Northwest Indiana (StIntel)
- Grp= WJLS News Network

Our Thanks to our Contributors and Various Media Sources (BH) Bill Hale; (DS) Dave Schweikart; (DXMid) DXMidAmerica; (FCC) FCC; (IRW) Indiana Radio Watch; (JW) John Wilkins; (NWB) Northwest Broadcasters; (RI) Radio Insight; (RInk) Radio Ink; (StIntel) StationIntel.com; (TK) Terry L Krueger (WH) Wayne Heinen.



Geomagnetic Indices

Geomagnetic Summary July 2022

Via Phil Bytheway – Tabulated from Geomagnetic Forecast
E-mail status daily (K index at 0000 UTC)

Date	Flux	A	K	Space Weather					
7/ 1	98	7	3	no storms	16	176	6	1	minor, R1
2	100	19	3	minor, G1	17	166	5	1	no storms
3	102	8	4	no storms	18	152	8	3	no storms
4	104	21	3	minor, G1	19	144	26	4	minor, G1
5	115	4	1	no storms	20	133	7	2	no storms
6	115	5	0	no storms	21	122	22	4	minor, G1
7	121	20	5	minor, G1	22	114	11	3	no storms
8	130	19	2	minor, G1, R1	23	111	17	3	minor, G1
9	137	6	2	no storms	24	107	9	2	no storms
10	153	7	1	minor, R1	25	102	6	2	no storms
11	161	12	3	minor, R1	26	99	8	2	no storms
12	165	18	3	minor, G1	27	98	9	3	no storms
13	165	5	1	no storms	28	93	7	1	no storms
14	169	4	2	minor, R1	29	93	4	1	no storms
15	171	8	3	no storms	30	91	7	3	no storms
					7/31	94	10	3	no storms

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

Domestic DX Digest – West

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

w_r_hale@sbcglobal.net

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

Please submit all reports in the format seen below. Send either within an email, or as an attachment in plain text or RTF. All times are Eastern Local Time (ELT)!! In some instances, minor editing may occur. Reports older than 30 days may be excluded at the editor's discretion. If you want your email address published, include your "OK" with your report.

ALERT: I have received **phishing** emails supposedly from an NRC member requesting to purchase gift cards and then furnish them the authorization number on the reverse. If done, I would be out from \$300 to \$500!! Bottom line . . . be aware of any requests to purchase a gift card!!

Next ISSUE is 'the end'!

Please observe the following . . .

Upcoming deadlines for DDXD-West: Issue 20: September 9; **Issue 1: September 23**

--- REPORTERS ---

- RA-CA** Rene Auvray Pomona, California 2020 Toyota Corolla caradio
TK-FL Terry Krueger Niceville, Florida Receivers: IC-R75, NRD-535, ICF-7600GR, Tescun PL-360; Antennae: active loops, random wire, misc. junk
JN-TX James Niven Cedar Creek, Texas Receivers: ELAD S2, Perseus SDR and Drake R8B; Antennas: DKAZ at 120°, DKAZ at 60°, DKAZ at 310° and Super KAZ at 10° <jniven@austin.rr.com>
JP-AB Jon Pearkins Edmonton, Alberta CCrane CCRadio2E, barefoot on battery power
JR-OK John Reed KA5QEP Shawnee, Oklahoma Receivers: Rohde & Schwarz ESH3, ICOM R9500; Antennas: ferrite tuned loop (23" long bundle of 3 smaller stacked rods), Clifton Labs active whip; Quantum Phaser
JJR-MI John J Rieger L'Anse, Michigan Grundig Satellit 750 -Terk AM1000 loop, Sangean ATS-909X stock
JJR-WI John J Rieger South Milwaukee, Wisconsin Icom IC-R75, MFJ-959B tuner/preamp, Kiwa loop, Sangean ATS-909X stock
JW-CO John Wilkins Wheat Ridge, Colorado Receiver: Drake R-8; Antenna: 4-foot box loop

--- NOTES FROM CANADA ---

Jon Pearkins <jon@pearkins.com>

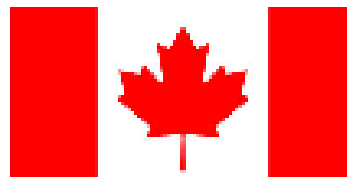
As reported elsewhere in this issue, the DX season appears to be off to a very early start this year. Even in the Northerly latitudes where sunset can be late in the evening, and twilight even later, New Zealand has been heard in Alaska. And, in Alberta, stations from Cuba and Ontario have had surprisingly strong signals that have overcome RFI from distant lightning and, in the case of CKDO-1580 Oshawa ON, Aurora conditions elsewhere have eliminated the normal Wyoming, Oregon and Colorado stations on 1580.

Do not rely on any "Dawn FM 103.5" ID that you might hear on the radio. They are featured in one or more cuts of an internationally-popular recent album by Canadian singer-songwriter "the Weeknd" (note the odd spelling). The frequency, 103.5 MHz, honors Toronto area station CIDC-FM.

In the CFMB-1280 item below, the discussion is about AM stations broadcasting HD hybrid IBOC, not one of Canada's 38 FM HD stations using one of their HD subchannels to simulcast an AM station. Xperi estimates that there are four million cars in Canada with HD-capable radios, and one in three new cars sold have an HD-capable radio. What they do not say is how many of those can actually receive HD on AM, rather than just on FM.

An even bigger issue across North America is the elimination of AM capabilities on some vehicle radio receivers. Less frequently discussed is the fact that some vehicles are delivered with the AM band disabled. In some cases, it can be quite difficult to find the setting on the Infotainment system's menu to enable AM.

As for radios outside of cars, it is almost impossible to find an HD-capable radio in Canada, other than from on-line retailers like amazon.ca and others who import from the U.S. And, even if you do, finding one that receives HD on AM is highly unlikely.



- 690 CBU BC **Vancouver** – Heard in West Michigan on July 30th on a West DKAZ loop, long after CKGM Montreal sunrise but before Michigan sunrise. Gradually fading with signs of KFXN and Mexican stations up to 1000 UTC.
- 1040 CKST BC **Vancouver** – First noted **off the air at 0200 UTC August 7th** and not on the air again until 2000 UTC.
- 1150 CKFR BC **Kelowna** – The Kelowna Rockets of the Western Hockey League (WHL) are moving to a local FM station and their play-by-play coverage will no longer be aired on CKFR.
- 1280 CFMB QC **Montreal** – In an interview for a June Radio World article on HD, Paul Bury, Evanov's director of engineering and IT, stated that their next HD (hybrid IBOC) project is CFMB after their recent success with CHLO-530 Brampton ON, currently Canada's only HD station on AM.
- 1410 CFTE BC **Vancouver** – First noted **off the air at 0200 UTC August 7th** and not on the air again until 2000 UTC. CFTE shares transmitter site with CKST-1040.
- 1470 CJVB BC **Vancouver** – The **National Radio Club** notes that none of their members have reported hearing CJVB in over 20 years, and challenges its members to try for the station, and report it to them. The station runs 50 kW day and night but sends almost no signal to the South. At one time, there was a station in nearby Mount Vernon, Washington on 1470 that had to be protected. Washington state still has stations on 1470 in Centralia-Chehalis and Moses Lake that also must be protected. Surprising to see a 50 kW station on the NRC's Unreported Domestic Stations list, but 10 kW KGU-760 Honolulu, Hawaii is also listed, despite being the first Hawaiian station most of us on the West Coast heard in the 1960s.
- 1650 CKZW QC **Montreal** – Communications Media Evangelique (CME, or Gospel Media Communications in English) has been funding the station for the last six years and is now finally asking the CRTC for permission to transfer the license from Radio Shalom, which will cease to exist as a corporation when and if the sale is completed. This implies the end of any Jewish programming. CME has long been responsible for the French language religious (Christian) programming heard on the station. The CRTC has scheduled a hearing for October 13th.

50 years ago, in August 1972, CFPR Prince Rupert, British Columbia would split its simulcast with a dozen LPRTs for an hour each weekday from 5:00 to 6:00 PM. That hour would allow programming specific to the LPRT communities between Prince Rupert and Prince George, and a separate program just for Prince Rupert. Both programs were called Lineup and are believed to be unique in the history of the CBC, for their use of LPRT-only programming. Beyond that, IDs were aired throughout the broadcast week, identifying the LPRTs by frequency and location. A similar series of IDs were aired at CFYK Yellowknife, Northwest Territories and its dozen LPRTs in late 1974. One trivia note: the host for the CFPR-only lineup each afternoon was the late Campbell Lane, who would go on to have a recurring role in the TV series 'The X-Files.'

--- ODDITIES (SOUTH OF THE 49TH PARALLEL) ---

- 840 WBHY AL **Mobile** – 8/6 0245 – **So much for operating local sunrise-local sunset.** Crushing WHAS and the Cuban with Christian radio serial, station promo mentioning "103.5 FM," SRN News, ID at :05. Parallel station stream. (TK-FL)
- 1140 KZMQ WY **Greybull** – 8/16 0640 – Poor, with OLDIES. Not the more common C&W from CHRFB or KXRB, or WUHF's REL, but "Good Time Oldies, 1140 KZMQ" between songs. **Testing?** Gone 6 minutes later. Solid, with no fading. **NEW! (JJR-MI)**
- 1489.86 WSNT GA **Sandersville** – 7/28 0240 – Weak with no audio. Thanks to David Crawford for IDing this offset when passing through Sandersville with his XHDATA D808 preset to 1489.86. Format is Southern gospel, "Singing News Network" and SRN News at Top-of-Hour. **First time log for me (as a confirmed station).** (TK-FL)

--- UNID ---

- 1000 unID - 8/19 0629 – Songs by Kelly Clarkson and George Harrison. Poor- with WMVP nulled. Nothing heard in WMVP's null through June, July and Aug until this! (JJR-MI)
- 1110 unID - 7/28 0709 – Beatles' 'Penny Lane' segued into 'The Word' from Rubber Soul. Quickly lost to WBT. Not parallel to KGFL – Clinton, Arkansas stream. (TK-FL)
- 1260 unID - 7/25 0351 – 'Keep It Comin' Love' by KC and The Sunshine Band, man with quick liner but 100% not copy-able, fade, but a little later with '(Just Like) Starting Over' by John Lennon, 'Crazy On You' by Heart, 'What's Love Got To Do With It' by

- Tina Turner and 'If You Love Somebody, Set Them Free' by Sting. Best guess is WGVM, Greenville, Mississippi, but no functioning stream there of course. **(TK-FL)**
- 1320 unID - 8/3 0602 – Very poor w/Star Spangled Banner. Assuming a sign-on, but who might this be? **(JJR-WI)**
- 1340 unID -8/3 2302-2304 – Heard an ad for 'Babble,' then a Country station tried to take over, followed by strong QRM. Any clues? **(RA-CA)**
- 1400 unID -8/3 2300-2301 – First station said, "This is the USA Radio Network," followed by a commercial. Faded out, then a Country station tried to take over, but faded out. QRM was strong. Any clues to who these two stations mentioned may be? **(RA-CA)**
- 1712 unID – 8/3 0405 – Weak AM carrier, pointing roughly N/S. Assuming it's not something spuriously generated locally, as not noticed before. Interestingly, I had something here in 2010 from Clearwater. **(TK-FL)**

--- DX LOGGINGS ---

- 560 KLZ CO Denver – 8/11 0637 – With talking of farming, ranching, etc. Finally "... here in Colorado" after eight minutes! Poor, with possibly KMON in back, but too weak. **(JJR-MI)**
- 570 CKGL ON Kitchener – 7/25 0527 – 'City News' with business news including stocks and interest rate hikes. Poor, in WNAX null. **(JJR-MI)**
- 580 CFRA ON Ottawa – 7/25 0511 – "Morning Rush, Live at Five." Canadian content. No calls! WKTY in back. Poor. **(JJR-MI)**
- 630 KYFI MO Saint Louis – 8/19 0618 – "... more music and Bible teaching" and program guide. Due to CFCO and WREY, this is not common. Assumed. Poor. **(JJR-MI)**
- 640 WOI IA Ames – 08/14 0159 – Through KWPN's dead air, with male: "... Local, National and International News, ... you are listening to Iowa Radio News, WOI 6-40 AM Ames, Iowa, your Iowa National Public Radio 24 hours news service" Noted KFI in the mix, as well before KWPN comes back on from dead air. Fair-to-Good. **New. (JN-TX)**
- 640 WCRV TN Collierville – 8/4 0537 – "... hearing BIN on WMFN," then Bott REL fading in for a few minutes! Very poor, but it's the only fit. **(JJR-MI)**
- 660 KSKY TX Balch Springs – 8/17 0647 – 'Hugh Hewett' with 'Relief Factor' and other ads. Luckily #469-482-XXXX, led to Dallas area in local ad. "Now more of the Hugh Hewett show" and NO CALLS. Just unreal! Poor. **(JJR-MI)**
- 690 KGGF KS Coffeyville – 8/11 0628 – With the Hugh Hewett program. KGGF online site confirmed this. Alone, but very poor. **(JJR-MI)**
- 690 KFXN MN Minneapolis – 8/19 0616 – Poor- though alone and atop, with Hmong chanting. Despite closeness, not common. **(JJR-MI)**
- 700 KHSE TX Wylie – 7/21 0700 – DFW area ads in South Asian Language, including one for the 45th annual Anand Bazaar, celebrating 75 years of India's independence. Faded around 0705 after a "Radio Caravan" ID. Fair for a few minutes, with QRM. **(JW-CO)**
- 730 CKDM MB Dauphin – 8/15 0609 – 'In-A-Gadda-Da-Vida,' followed by "Country and Greatest Hits of all time – 730 CKDM," into C&W. Haven't heard Iron Butterfly song on radio in decades! Poor. **(JJR-MI)**
- 760 KDFD CO Thornton – 8/19 0417-0420 – "Real News, Real Talk" with strong CHQR-770 slop. "Colorado" mentioned twice while naming the sponsors of a Veterans PSA at 0418:57, then into an ad for the iHeart app. Was checking out recent Facebook reports that KDFD was running 50 kW at night, and suspect it likely given how often WJR is heard all alone here. But cannot overlook the DX trench from here to Colorado, Utah and Wyoming that routinely delivers strong 150-300 Watt non-directional signals from there. **(JP-AB)**
- 770 WTOR NY Youngstown – 8/14 0632 – Poor, but steady, with ETHnic programming. Toronto Area Codes in 'Mom and Pop' ads. Alone today: No WABC (nor KATL, I guess). **(JJR-MI)**
- 790 WKRD KY Louisville – 08/13 0300 – With male giving ID as: "WKRD Louisville available everywhere with the I-Heart Radio App, now number One for podcasting, 7-90 KRD, an I-Heart Radio Station." Was pretty good, then over run by KBME in Houston. **New. (JN-TX)**
- 790 KFYO TX Lubbock – 8/14 0634 – With "... highs in the 90s ..." (this left out WSGW-MI!) "KFYO"... then seconds later "KFGO, the Mighty 790 ..."! Poor. **(JJR-MI)**
- 800 KQCV OK Oklahoma City – 8/1 0600 – Bott Network, "... founded in 1969, thanks for listening." Atop. No calls heard. Poor. **(JJR-MI)**



- 810 KLVZ CO Brighton – 8/19 0639 – Very poor, with “. . . the Legends . . .” into ‘It Takes Two’ by Marvin Gaye and Kim Weston. Some WHB. (JJR-MI)
- 830 WMMI MI Shepherd – 8/6 0603 – Poor, replacing WQZQ, with C&W and “Buck 92 WMMI” jingle. WCCO nulled. (JJR-WI)
- 870 KPRM MN Park Rapids – 8/15 0630 – An old-fashioned sign-on(!) with broadcast hours (5:30 AM – Midnight; Sunday 7 AM – Midnight) and mentions of “100.5, 94.7, 96.3 and 103.1” translators. No SSB. Poor. (JJR-MI)
- 880 KRVN NE Lexington – 8/17 0633 – Poor, with detailed forecast from the ‘880 Weather Center.’ ‘KRVN.com’ into America’s First News. Alone. CKLQ noted rest of week. (JJR-MI)
- 900 KFAL MO Fulton – 7/29 0600 – Trading with assumed WKDA, with Legal ID: “The Big 900” followed by ABC News. Very poor – no CHML. (JJR-WI)
- 900 WKDA TN Lebanon – 7/29 0600 – Very old Big Band music trading with KFAL. Assumed. Very poor – no CHML. (JJR-WI)
- 900 WATK WI Antigo – 8/3 0614 – ‘Fame’ by Irene Cara, “Classic Hits 98-7.” Poor, with others, but no CHML though. (JJR-WI)
- 910 WGTO MI Cassopolis – 7/27 0608 – Poor, with “. . . timeless Me-TV FM with no repeats.” Nothing great, but no WFDF! (JJR-WI)
- 920 CFRY MB Portage la Prairie – 7/27 0542 – “CFCY” noted after ‘My Maria’ by Brooks & Dunn in (local) WOKY null. Poor. (JJR-WI)
- 920 CKNX ON Wingham – 8/4 0529 – With C&W music. Thinking CFRY, pleasantly surprised to hear “CKNX.ca” after a song! Poor, with WOKY + 1 other. Catch of the day! (JJR-MI)
- 940 KIXZ TX AMarillo – 8/19 0636 – Very poor, with “1800Express.com,” “. . . Toyota in AMarillo . . .” Very poor, but Alone! (JJR-MI)
- 940 CFNV QC Montréal – 8/4 0522 – Very poor, playing EE and FF songs. Replacing CJGX today. (JJR-MI)
- 960 KZIM MO Cape Girardeau – 8/7 0506 – “KSIM, KZIM and now 101.7 FM” into ‘Coast to Coast.’ Poor, but alone. (JJR-WI)
- 960 KZIM MO Cape Girardeau – 08/11 0459 – With male giving ID as: “960 KZIM Cape Girardeau, 1400 KSIM Sikeston . . .” Fair signal, mixing with WERC. New. (JN-TX)
- 970 WDUL WI Superior – 8/16 0726 – With WZAM nulled, heard ‘Bad Guy’ by Billie Eilish, then a “Hot 98” sweeper. Due to WZAM and WHA, this is rare! Poor. (JJR-MI)
- 980 KMBZ MO Kansas City – 8/18 0641 – With calls,. Then talk of mental health and Johnson City Medical Center. No WCUB. Very poor. (JJR-MI)
- 980 KDSJ SD Deadwood – 7/25 0613 – Calls said twice in sweeper and mentions of “Black Hills.” Songs by Sonny & Cher, The Lovin’ Spoonful and Junior Walker (60s OLDies). Catch of the day! Poor, though atop! Also heard on 7/26 0605 – Poor, with ‘Rockin’ Me’ by Steely Dan and ‘Louie Louie’ by the Kingsmen. “60s, 70s Hits! Black Hills Gold Hits.” All alone, but steady! Rare! (JJR-MI)
- 980 WFPF WI Park Falls – 8/18 0643 – Very poor, with Aerosmith song and “Jack FM” sweeper. No WCUB. Under KMBZ. (JJR-MI)
- 990 KAYL IA Storm Lake – 8/11 0645 – Poor, with SS chatter and “Juan” mentions, replacing CBW. (JJR-MI)
- 1010 KSIR CO Brush – 8/16 0652 – ESPN fare replacing CFRB, which was in earlier. Legal ID included Fort Morgan. ABC News at Top-of-Hour. Poor. (JJR-MI)
- 1010 WMOX MS Meridian – 8/11 0359 – “Meridian’s news station, WMOX, Meridian.” (TK-FL)
- 1010 KDJW TX AMarillo – 8/16 0657 – With “EWTNRC.com” in fade-up over KSIR and WPCN. Assumed, as Utah’s EWTN only heard once. Poor. (JJR-MI)
- 1020 KCKN NM Roswell – 8/11 0401 – With a string of ‘Radio Visión Cristiana’ program promos in Spanish. Fair-to-Good and alone on the channel. (TK-FL)
- 1020 KCKN NM Roswell – 8/11 0618 – Poor – - checked at Top-of-Hour. KDKA in, but now SS REL and “Radio Christiana” noted. Alone. (JJR-MI)
- 1040 WHBO FL Pinellas Park – 08/08 0700 – At fair level, with Top-of-Hour ID, then into USA Radio News. Relog. (JN-TX)
- 1040 WPBS GA Conyers – 08/08 0600 – With male saying: “WPBS Conyers AM 10-40,” then into female in Vietnamese. Fair-to-good signal. Relog. (JN-TX)
- 1050 WFAM GA Augusta – 8/3 0305 – Conclusion of “The Word” and mention of radiobible-dot-org, promo for Wilkins Radio Network and website into ‘Life Alert’ spot. Co-channel XEG. (TK-FL)



- 1060 KDYL UT **South Salt Lake – 8/16 0756** – Banda music to 0758 legal ID, followed by more music. Probably the station I heard earlier in the week with “Radio Diez Sesenta La Mejor” slogans. Fair peaks, with no sign of nearby KRCN. **(JW-CO)**
- 1070 KNX CA **Los Angeles – 7/25 0555** – Very poor, with “. . . traffic backup” noted, though in better 20 minutes later with “CBS2” report on ‘California fires,’ ‘LA’s 6th Street Bridge is closed,’ and “. . . tells KNX . . .”. Through WTSO and KSKK. **Also heard on 7/26 0617** – Poor, with story on a deputy sheriff . . . “Margaret Guerro, KNX News 97-1 FM.” Lost to WTSO fade up. **In again on 8/15 at 0600** – “KNX . . . Audacy” heard. Noted too with “3:25 at KNX” later. Very poor, though clear. **(JJR-MI)**
- 1070 KILR IA **Estherville – 8/15 0600** – Very poor, with Legal ID for “NewsTalk 1070 and 97.3.” With others. Rare! **(JJR-MI)**
- 1070 WCSZ SC **Sans Souci – 8/11 0422** – Hot AC Mexican vocals, “La Jefa 94 punto 9 y 10-70 AM” slogan. **(TK-FL)**
- 1070 WDIA TN **Memphis – 8/11 0620** – UC Black gospel, “Solid Gold, WDIA” by man. **(TK-FL)**
- 1090 KBOZ MT **Bozeman – 8/12 0428-0431** – Initially strong fade-ins, playing John Denver’s ‘Rocky Mountain High,’ but fading in and out a lot by 0430 with male announcer doing recorded station imaging, and only word clearly heard was “Country,” thanks to KFNQ fading in despite antenna towards the SSE for best null. **(JP-AB)**
- 1090 KVOP TX **Plainview – 8/2 0705** – “HPRN Market Report” (ag news) just beginning. ‘HPRN’ is, of course, High Plains Radio Network. Fair, mixing with KAAV. **(JW-CO)**
- 1130 KRDU CA **Dinuba – 7/27 2300** – With the ending of a religious show. Call ID. QRM was strong. Unable to make out if was a program or advertising. **First time in Pomona. (RA-CA)**
- 1130 KSDO CA **San Diego – 7/28 0742** – ‘Radio Inspiracion’ program notes, including one for “Momento Decisivo.” Inspirational music followed. Fair-to-good and alone. **(JW-CO)**
- 1130 KQRR OR **Mount Angel – 8/9 2342-2353** – Strong signal, half an hour after their official August (15th) sunset. All alone with no sign of usually un-nullable CKWX. In fact, KQRR has not been heard here since they adjusted their towers to prevent interference with CKWX about 10 years ago. Sounded like Russian language, presumably religious as the word “Christianity” was mentioned by the female host. Mostly talk with two vocal youth-oriented pop songs, including an in-studio interview with male named “Alexander” and a male telephone caller. **(JP-AB)**
- 1150 WEAQ WI **Chippewa Falls – 8/15 0742** – “95-9 Jamz” and Beyonce song. Very poor, but able to phase WHBY. **(JJR-MI)**
- 1150 CJSL SK **Estevan – 7/25 0555** – “CJ 1150” in way under WHBY. Music stood out vs talk. Very Poor. Heard again on 8/14 at 0628 – “. . . phone 63-Scrap in the old Regina’s(?) Metal building, CJ-1150,” into C&W song. Poor, with WHRY. **(JJR-MI)**
- 1160 WEWC FL **Callahan – 08/01 0259** – With female underneath KRKY and KSL with: “. . . WNNR . . . 97.5 . . . W-E-W-C AM 1-1-6-oh, Callahan, Florida. . . .” First noted on 07/25/2022, but struggled to make out but a few words. The guys on RealDX were a big help with the ID. I checked this frequency every night/morning and on this morning the signal was a lot stronger and readable. KRKY with “Relevant Radio” and KSL were heard most of the morning. HJOC was noted most morning as well. **New, for Florida # 53. (JN-TX)**
- 1160 WRLZ FL **St. Cloud – 8/6 0335** – Nonstop soft Spanish Christian vocals. Man at top of hour: “Esta es WRLZ, Orlando [sic]... El Corazón de Dios.” Peaking very good, so 2500 Watts Daytime, or 500 Night? **(TK-FL)**
- 1170 WGMP AL **Montgomery – 8/6 0416** – Automated with Alt Rock: “This is where the commercials stop, 104-9 The Gump.” Very good, surely also cheating at daytime 850 watts, not night 7 watts. **(TK-FL)**
- 1190 KJJI AR **White Hall – 8/6 0425** – Eurythmics with “Sweet Dreams (Are Made of This)” and liner mentioning “Arkansas Rocks” (the ownership network). Fair-to-Poor, parallel station stream. **(TK-FL)**
- 1230 KTRF MN **Thief River Falls – 8/19 0626** – “1230 AM . . . Thief River Falls . . .,” then web info. Very poor in mess. **(JJR-MI)**
- 1230 KWSN SD **Sioux Falls – 8/12 0621** – “. . . from the KWSN Sports Desk . . . (of co-owned KELO) KELO News Center,” then weather. Alone and Atop. Catch of the day! **(JJR-MI)**
- 1240 KBIZ IA **Ottumwa – 8/7 0456** – Fox Sports, Iowa Hawkeyes promo, PSA for flu shots, then “1240AM, 102.7FM,” LID into Fox Sports. Very poor, but alone! **(JJR-WI)**

- 1240 KLIK MO Jefferson City – 8/6 0506 -"1240AM, 103.5FM" into Red Eye Radio. Alone. Poor-tho clear! Only fit! **Catch of the day!** Logged as Top 40 KWOS in 1968! So, it's Rare! (JJR-WI)
- 1250 KYYS KS Kansas City – 8/16 0636 – Poor, with lively SS music. Replaced WSSP and KBRF for a few minutes. Assumed. (JJR-MI)
- 1250 WJMK MI Bridgeport – 8/7 0450 – Very poor in WSSP null, but steady, with songs by Elvis and Gene Pitney. "Me-TV FM" mention. (JJR-WI)
- 1260 WSUA FL Miami – 7/25 0351 – Presumed the one, or tentative. Someone sporadically fading up to mediocre level for an hour listening duration with Haitian kreyol man continuous monologue, possibly a sermon. Nothing I find with this format on the channel. Trading off with the mystery Oldies station and KBRH. D. Crawford confirms hearing this via the WSUA website with Haitian kreyol after 0400 GMT, so likely the source. Also heard by Martin Foltz in Sarasota. (TK-FL)
- 1260 KWYR SD Winner – 8/15 0706 – "South Dakota Sheriff's squad smashed . . ." with other state news. Was chasing someone with AP News, but that was lost. No calls heard. Very poor. (JJR-MI)
- 1270 WLIK TN Newport – 8/4 0509 – PSA for 'Help For The Elderly, call 865-273-XXXX, then a WLIK jingle, followed by 'Rock Me Gently' by Andy Kim. Very poor, though in better an hour later. No WXYT today! (JJR-MI)
- 1280 CFMB QC Montreal – 8/4 0503 – With FF songs and calls. No WNAM. Not heard in a while. Noted more at SSS. Poor. (JJR-MI)
- 1290 KUOA AR Siloam Springs – 08/13 0659 – Noted in the jumble with male in Spanish at 0659 with: "... Siloam Springs ... Northwest Arkansas" Female was noted mentioning: "... La Maxxima 12-90 AM". Jingle was heard with male in deep voice: "La Maxxima." Poor-to-Fair signal coming up out of the mix. **New, for Arkansas #46.** (JN-TX)
- 1290 KJEF LA Jennings – 08/09 0300 – With male saying: "Broadcasting from Downtown Jennings, Louisiana, this is KJEF Cajan Radio." Fair-to-Good. Relog. (JN-TX)
- 1290 KOIL NE Omaha – 08/11 0600 – With male: "News Talk 1290 K-O-I-L Omaha, an NRG Media Radio Station." Fair-to-Good signal. Relog. (JN-TX)
- 1300 KCSF CO Colorado Springs – 08/18 0000 – Noted over KVET, with male mentioning "... get your local sports fix with Brian Kauffman on Prime-time Sports, download the Xtra sport app on your smartphone, KCSF, Colorado Springs Cumulus Media Station. Live from the Applejack Wine and Spirits studio, this is Xtra sports 1300." Fair-to-good signal. **New, for Colorado #35.** (JN-TX)
- 1300 WOAD MS Jackson – 8/3 0245 – With a local '?? Heating and Air Conditioning' spot, woman: "... 1300 AM and 103 point 5 FM" into 'He Kept Me' by Lamont Sanders and other Urban Gospel, parallel station stream. Fair, but overtaken by WCKI. **First time log.** (TK-FL)
- 1300 KAKC OK Tulsa – 08/18 0800 – Noted under KVET with male giving ID as: "... 1300 KAKC, the all new Patriot 1300 AM Real Talk . . ." Fair signal. Relog. (JN-TX)
- 1300 WNQM TN Nashville – 07/30 0659 – **With Gospel singing, very dominant on the frequency.** Male comes on: "Become part of the biggest outreach Ministry in Middle Tennessee. Get your broadcast on WNQM today. Call WNQM AM 13-00 sales department at 615-255-1300, that's 615-255-1300. You are listening to WNQM AM 13-00 Nashville Quality Ministries. Your 50,000 Watt Christian Station Middle Tennessee," then into USA Radio News. Good signal, with my KVET local pretty much nulled. **New.** (JN-TX)
- 1310 KTCK TX Dallas – 8/3 0300 – Man with canned AM/FM ID and back to Fox Sports Radio. First time log. (TK-FL)
- 1320 KLWN KS Lawrence – 8/7 0443 – "785-843-1320" said twice. PSA on 'How to advertise.' Very poor, but alone! Not heard in a while! (JJR-WI)
- 1320 KOZY MN Grand Rapids – 8/6 0534 – Poor, with 'I Want Candy' by the Strangeloves, followed by "FM 93.1, 1320 KOZY." No WILS. (JJR-WI)
- 1330 WWAB FL Lakeland – 7/28 0445 – 'Wishing You Were Here' by Chicago followed by "Boss Hog Radio" liner. Parallel 1360 kHz WHNR. (TK-FL)
- 1330 WWAB FL Lakeland – 07/30 0600 – Over KVOL, Lafayette, Louisiana briefly, with male: "This is the Boss Hog Radio Network, 1170 AM Bushnell, 1330 AM WWAB Lakeland" Very readable, but began to fade rapidly towards the end of the station ID. **New.** (JN-TX)



- 1350 KTIK ID Nampa – 8/12 0759 – Legal ID at 0759:48: “. . . 1350 AM KTIK Nampa-Boise and on 95.3 FM . . . a Cumulus Media station.” CBS Sports programming followed. Briefly fair. (JW-CO)
- 1370 WLLM IL Lincoln – 7/27 0601 – ‘Truth for Life’ (a REL show). Don’t hear this that often. Program matches . Poor, though steady, over WSPD. (JJR-WI)
- 1380 WMJR KY Nicholasville – 7/27 0530 – With Gospel readings from Paul and Corinthians. Poor, but steady and alone, with no WKJG. ‘EWTN’ content. Assumed. (JJR-MI)
- 1380 KOTA SD Rapid City – 7/26 0559 – Poor, but alone and clean! “From the Johnson Tree Company studios, this is KOTA Rapid City, a Riverfront Broadcasting Station – News Radio 1380 AM and 100.7 FM” into CBS News. (JJR-MI)
- 1390 WLCM MI Holt – 8/18 0629 – Poor, in WGRB null, with Dr. Charles Stanley. Program schedule match. (JJR-MI)
- 1400 WLJN MI Elmwood Township – 8/12 0705 – Poor, through easily nulled WCCY. Promo for their newscasts with times on “The Source.” (also heard on 8/15 at 0700) – Legal ID with list of stations (+ 1370, 100.7, 104.1) – WBIZ in there too! WCCY nulled. REL. Very Poor. (JJR-MI)
- 1400 WKNW MI Sault Saint Marie – 8/15 0657 – With (Michigan based) Steve Gruber show cutting thru mess. Only affiliate on channel. Very poor. (JJR-MI)
- 1410 KOOQ NE North Platte – 7/25 0618 – With a 1967 Bee Gees song, then “Classic Hits 98.1 and 1410.” Very poor, way under WIZM. (JJR-MI)
- 1420 KSTN CA Stockton – 7/28 0800 – Out of C&W music with legal ID shortly after Top-of-Hour: “The new 105-9 The Bull, KSTN Stockton” followed by “The Bull Farm Report.” Generally fair. (JW-CO)
- 1430 WPLN TN Madison – 8/14 0303 – Surprised to stumble upon BBC World Service (WS) here, often peaking near local level, pointing north. So, WPLN on 15 kW day power instead of 1000 Watts nights. Wonderful to hear BBC WS in glorious mono amplitude modulation. Just a couple seconds behind my semi-local WFSW-FM 89.1 MHz NPR affiliate (mostly a WFSU-FM Tallahassee/different Time Zone simulcast – but not always) that runs BBC WS overnights. So does WUWF-FM Pensacola, 88.1 MHz – about equal distance from me but instead west – however, they divert to Jazz and things overnights local weekends. There again the following early morning (local Sunday), so either a weekend fail, or they’re the latest in the multitude of constant violators. **First time log. Thanks for cheating! (TK-FL)**
- 1450 WNBX MI Newberry – 8/12 0704 – ABC News followed by “WNBX News at 7:04” into weather and news. (JJR-MI)
- 1450 WHRY WI Hurley – 8/14 0707 – Poor, with end of ABC News into Weatherology forecast: “Cloudy and 73.” Then “Oldies 102.9,” into 80s song. With several others. (JJR-MI)
- 1470 KGND OK Vinita – 08/11 0558 – With two males joking with each other, mentioning “Oklahoma” and “97.1 The Sports Animal. Fair signal. **New, for Oklahoma # 50. (JN-TX)**
- 1470 KWRD TX Henderson – 08/11 0800 – Coming out of Country music, male says: “This is 14-70 KWRD Henderson, with translator K253CE on 98.5,” then into TSN News. Good signal. Relog. (JN-TX)
- 1470 WIBD WI West Bend – 8/18 0700 – Very poor, under WFNT, with Legal D for AM and FM translator. Into news. No WMBD. (JJR-MI)
- 1480 WCXS FL Arcadia – 7/28 0310 – Tune-in to man mentioning “. . . ClassicCountry1045-dot-com . . . on your iPhone” and into fake C&W. On 131 Watts night power, or 1000 Watts day? **First time log. (TK-FL)**
- 1480 WDYS IL Somonauk – 8/1 0607 – “101.5 FM and AM 1480 WDYS” between C&W songs. Poor, though atop. Not common. (JJR-MI)
- 1480 KQAM KS Wichita – 8/20 0652 – With “Officer Tatum Show,” ending at 0658, then promos, LOST (of course for the ID), then CBS News. KQAM had nothing on website, but nothing else makes sense! IE: Talk, CBS news + 1480 = KQAM. Poor. Assumed. Rare. (JJR-WI)
- 1480 KKCQ MN Fosston – 8/14 0618 – Poor, with “Minnesota Vikings on KKCQ 1480 and KKCQ – Q Country 96.7 and KRJB 106.5.” (All these to remember!) Never heard at this hour. WLMV was in later on. (JJR-MI)
- 1480 WJFC TN Jefferson City – 8/11 0348 – C&W vocal, man: “Covering . . . and Cocke County, we are WJFC” and back to C&W. Presume on 34 Watts night power vs. 500 Watts day. **First time log. (TK-FL)**
- 1490 WBGA GA Brunswick – 7/28 0243 – National and local spots, black gospel vocals, “Hallelujah 96-3” between songs. (TK-FL)

- 1490 KIBM NE Omaha – 8/20 0645 – Poor, with OLDies. I’m thinking WLXR-WI. Not! “94-5 Boomer” into Chicago’s ‘25 or 6 to 4.’ Catch of the day! Wrote station. **(JJR-WI)**
- 1490 WOSH WI Oshkosh (b’gosh) – 8/12 0635 – “NewsTalk 93-9 and 1490 WOSH,” then “WOSH” jingle into talk. Poor, with others. **(JJR-MI)**
- 1500 WVSM AL Rainsville – 8/3 0511 – Man with “Rejoice 103 point 1” then quick weather read, into Christian Praise vocals. On psra 13.7 Watts way too early, or? **(TK-FL)**
- 1500 KJIM TX Sherman – 8/2 0710 – Sinatra-ish vocal, followed by quasi ID: “From Sherman’s. . . ? . . . America’s best music; you’re listening to AM 1500 K-Jim.” More NOS tunes ensued. Fair, in KSTP null. **(JW-CO)**
- 1530 KZNX TX Creedmoor – 8/2 0730 – Austin-area ads (in Spanish), “La Raza” slogan and back to Tejano music at 0734. Fair in QRM. **(JW-CO)**
- 1530 KZNX TX Creedmoor – 8/3 0447 – Mexi-tunes, man with Top-of-Hour ID, including calls, in Spanish, “KZNX... 95 punto 1, La Raza” and back to Mexi-tunes. **First time log.** **(TK-FL)**
- 1550 KXEX CA Fresno – 7/14 0730 – ID as “Talk Radio 1550 KXEX,” followed by news headlines. Signal was up and down and mixing with an Asian-language station. KQNM eventually took over. **(JW-CO)**
- 1550 WZNF FL Bunnell – 7/28 0559 – ID into ABC News, local spots then local news with mention of an incident on Old Kings Road and something on Flagler Beach, “... from the WZNF newsroom” Certainly on day power by now. **(TK-FL)**
- 1550 WEVR WI River Falls – 8/15 0750 – With ad for a business in (nearby) “New Richmond.” In very brief WHIT fade-out. Very poor. Rare! **(JJR-MI)**
- 1560 KBEW MN Blue Earth – 8/15 0732 – Poor, through possible WGLB, with Minnesota news stories and ad: “. . . only local pharmacy in Blue Earth.” Lost later to KLNG. No calls heard. **(JJR-MI)**
- 1560 KGOW TX Bellaire – 7/26 0553 – With Vietnamese content easily replacing, I believe, WGLB. Poor. **(JJR-MI)**
- 1560 KGOW TX Bellaire – 8/14 0305-0306 – In best null of always-strong signal from KVAN: SSE, with Vietnamese male talk, which really cuts through KVAN’s Spanish male vocal music. **(JP-AB)**
- 1570 WTWB FL Auburndale – 7/31 0256 – Mexi-tunes, “La Raza 92.7 FM” between, and one promo mentioning “. . . Lakeland, Auburndale y Winter Haven, tres frecuencias” (which would be 1570 and translators 92.7 and 95.5 MHz). Parallel station stream. Not to be confused with the ‘other’ La Raza: WVOJ Fernandina Beach on 92.9 MHz. **(TK-FL)**
- 1570 KLLA LA Leesville – 8/3 0418 – Beatles’ ‘Ob-la-di, Ob-la-da’ into Bobby Vinton’s ‘Blue On Blue,’ then man with canned: “You’re listening to KLLA, Leesville, Louisiana.” Then Tammi Terrell/Marvin Gay duet. Really Six Watts night power? Or daytime 630 Watts? Been hearing this as an unID for a few nights. **First time log.** **(TK-FL)**
- 1570 WSCO WI Appleton – 8/18 0658 – News item that ‘Kimberly-Clark’ is hiring, a short “The Score,” then lost just as fast to WLKD’s power up! Poor. **(JJR-MI)**
- 1580 KFCS CO Colorado Springs – 8/16 0601:30 – Only break in continuous Spanish- language vocal music, but no call letters heard in all-Spanish language station imaging. No sign of usually dominant KKTS or occasional visitor CKDO. Also in on 8/18 at 0500:25 with a short period of all-Spanish male station imaging during otherwise continuous Ranchero music, but could not make out any of the words. **(JP-AB)**
- 1580 WHLY IN South Bend – 8/12 0654 – Poor – but SS LaRaza & mx, rising o/CKDO, tho CKDO did return. **(JJR-MI)**
- 1580 WAMY MS Amory – 7/31 0203 – “. . . insurance, a service of ... 96-5” into fake C&W, then “The ... Wamy Country, 96-5.” Supposedly 18 Watts night power. Trading off with someone with “The New Hits 104 point 5” (probably WIOL, Columbus, Georgia, but never music audio to confirm their format). **First time log of WAMY.** **(TK-FL)**
- 1580 KOKB OK Blackwell – 8/15 0645 – Very poor, with Fox Sports ads, promos lasting four minutes. Assumed, as only affiliate, no calls heard. No CKDO all morning! **(JJR-MI)**
- 1580 KGAL OR Lebanon – 8/16 0556-0601 – Fading in and out with “Red Eye Radio on Westwood One” at 0556:50 and KGAL top of the hour ID at 0559:58, giving location as “Lebanon-Albany-Corvallis.” **(JP-AB)**
- 1580 CKDO ON Oshawa – 7/28 0253 – Male-voiced promo with no music bed for the “CKDO Morning Show” including a second call letter mention, between two Top 40 Oldies. With strong signal over some thunderstorm noise and only minor traces of any other stations. Weird week with Cubans on 530 the night before, and Aurora conditions creating a DX blackout in the days previous. **(JP-AB)**

- 1590 WNTS IN Beech Grove – 8/1 0603 – SS music, then chatter at 0613 including mention of “La Pantera.” Poor, but in over anything else. No usual WAKR. (JJR-MI)
- 1610 CHHA ON Toronto – 7/28 0254-0302 – Nothing but current female pop Spanish vocals other than the 20 seconds of Spanish female announcing ending at 0302. Not as strong as CKDO-1580, so could not understand the announcing over the thunderstorm noise. Traces of another station, likely CHRN, but could also have been a local mixing product (“spur”). (JP-AB)
- 1690 KDMT CO Arvada – 8/14 0658 – Poor, with Biblical/Scripture chat. “Morning Air Rewind” and “Relevant Radio” mentions. Lost to WVON’s power up. (JJR-MI)

--- **1530 CHALLENGE** ---

- 1530 WCKY OH Cincinnati – 7/28 2100 – Baseball game with Cincinnati ads. Strong signal, looping E-W. (JR-OK)
- 1530 KZNX TX Creedmoor – 7/28 2115 – SS music and talk with “La Raza” heard many times. Heard in loop null of WCKY over/under another unID SS station. (JR-OK)

--- **1580 CHALLENGE** ---

- 1580 KAGE AR Van Buren – 8/6 2140 – C&W music, IDs with “Red Dirt Radio,” along with Arkansas ads. (JR-OK)
- 1580 KOKB OK Blackwell – 7/29 1542 – Daytime DX signal: Very weak with best reception obtained by phase addition of both antennas. This gives a readable signal with sports talk. This station is about 100 miles from my location. I used this for testing the ability of receivers to get a weak signal. Best reception was with the Icom R9500 followed 7closely by an NRD-525 with ESKA mod. I was surprised to see this result. I expected the NRD-535D would do better. (JR-OK)
- 1580 KGAF TX Gainesville – 7/23 2122 – Classic rock with singing ID and “Hometown Radio.” (JR-OK)
- 1580 KWED TX Seguin – 7/27 2120 – C&W with call ID, weak over/under several other stations. (JR-OK)



The ‘magic box’ says the next Challenge frequencies are:
700 and 1320 kHz

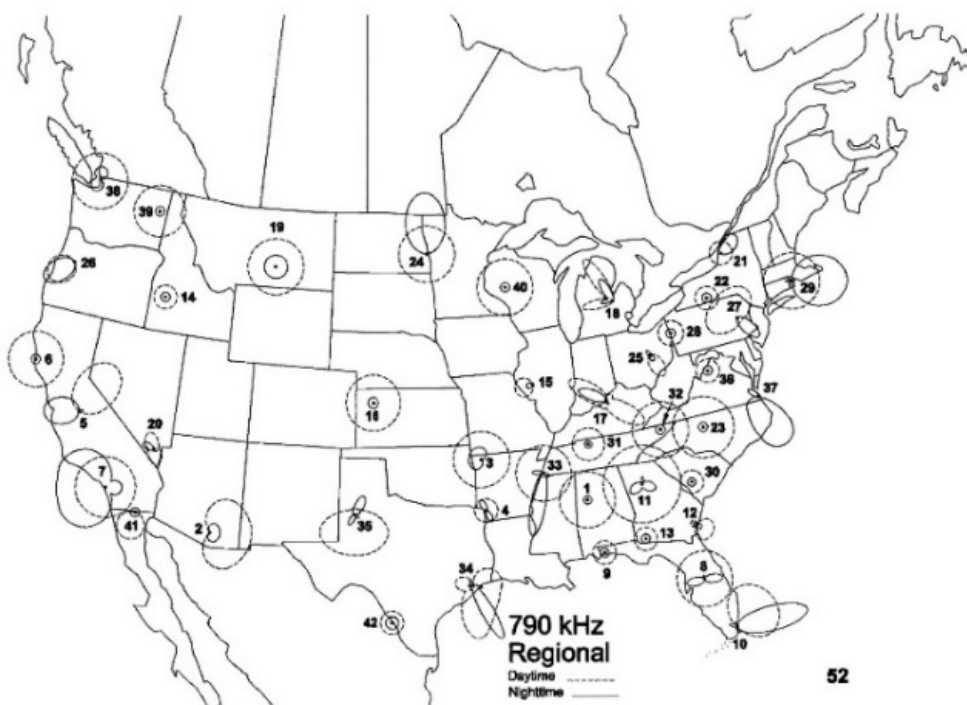
NRC Antenna Pattern Book 8th Edition

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.nationalradioclub.org/>
at slightly higher prices.



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

MF-FL **Martin Foltz, Sarasota** – Sony SRF-M37W, ICF-2010
HJH-PA **Harry Hayes, Wilkes-Barre** – Eton S-350 DL, C. Crane Skywave, Kiwa Pocket Loop
KK-VA **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop.
PS-ON **Paul Snider, London** – Perseus SDR, Wellbrook ALA 1530 LN loop, MFJ-1020C as tuner
BT-PEI **Brent Taylor, Stratford** – SDRPlay RSPdx, Wellbrook ALA-1530 Loop.
JW-PA **Jim Weber, Oyster Point** – Grundig S350
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](https://twitter.com/patria1818) DX-related tweets will be hash-tagged #MWDX.

Friend me on Facebook! www.facebook.com/keval.mike View me on Instagram! **brookermike**

LOGGINGS

780 WCKB NC **Dunn** – 7/19 2350 – Putting out more than their one watt night time power tonight with gospel music, 2354 WCKB ID by female announcer them more gospel. Good at times to poor competing with WBBM. **(PS-ON)**

930 WFMD MD **Frederick** – 7/20 0006 – “WFMD news” at tune in, into Jim Bohannon Show. Fair at times to very poor with WBEN. **(PS-ON)**

1030 WTHQ WV **Point Pleasant** – 7/7 2220 – On after sunset with various types of music (AC, C&W, etc), “Q-FM” slogan at 2238. Fair at times to very poor under WBZ. // to Simple Radio stream. **(PS-ON)**

1040 WURN FL **Miami** – 8/21 0501 – Fair, with fast, high energy Spanish male announcers through the top of the hour. Then a female with “this is WURN 10-40 AM, covering the Florida Keys to the Palm Beaches, and W280FV, 103.9 FM covering from the city of Miami,” then Spanish ID and music stinger. **(BT-PEI)**

1110 WTIS FL **Tampa** – 7/22 2235 – On after sunset with mix of fast and slow tropical music, “La Mega” slogan at 2243 by male announcer, more music. Poor to very poor under WBT. // to Tune In stream. **(PS-ON)**

1180 WXLA MI **Dimondale** – 7/13 2330 – On after sunset with various oldies (Toto, Tears for Fears etc.), WKLA ID at 2353, “Easy 93.3” slogan at 0005. Fair at times to very poor mostly under WHAM. First time heard at this location. **(PS-ON)**

1210 WANB PA **Waynesburg** – 7/19 0000 – On after sunset with C&W music, WANB ID at 0011. Poor to very poor under WPHT. **(PS-ON)**

1240 WKIQ FL **Eustis** – 7/25 2304 – This station is in and out most nights with “La Que Buena” slogan. No call ID heard but slogan matches their website laquebuenaorlando.com. **(MF-FL)**

1260 WSUA FL **Miami** – 8/7 2156 – Creole songs, ToH ID in English and Spanish, back into Creole. **(MF-FL)**

1300 WJBB GA **Windsor** – 8/4 2219 – Tuned in to Mets baseball and found out they were playing Atlanta. This is the only station on 1300 broadcasting the Braves games but counting as a tentative. Also heard 8/12 with Braves v. Marlins game. **(MF-FL)**

1340 WTRN PA **Tyrone** – 8/15 0206 – Frequency regular WTRN in off and on during the early morning. Mentions of 96.9 at this time and 100.7 at 0225. “At home or in the car” slogan as well. **(JW-PA)**

1360 WNJC NJ **Washington Township** – 7/27 2218 – Slightly garbled “WNJC” call sign ID at this time. **(JW-PA)**

WSAI OH Cincinnati – 8/15 0300 – Mention of Cincinnati just before the hour, then Fox sports thereafter. Weak audio in // with station internet feed. WSAI appears to be the only Fox Sports network station on 1360. **(JW-PA)**

1370 WZTA FL **Vero Beach** – 8/8 2055 – Song Lyin’ Eyes by the Eagles, “Oldies 107-9” slogan, signal mixing with WCOA, no call ID heard but this is their slogan. **(MF-FL)**

WXXI NY Rochester – 8/12 2259 – Call sign ID at this time and NPR programming amidst an active frequency. **(JW-PA)**

- 1390 WLCM MI **Holt** – 7/31 0700 – Over sports talk & oldies stations with promo for gospel show “...from the Campus Crusade for Christ and AM 1390 WLCM.” (MKB-ON)
- WKLP WV **Keyser** – 8/5 0515 – Call sign ID at this time with sports programming occasionally audible. Other unID stations in the mix due to WLAN being off the air. (JW-PA)
- 1450 WILM DE **Wilmington** – 8/12 0517 – In multi-station mix (WPGG, WQWK, UNID singing) with “News radio 14-50 WILM” ID. (KK-VA)
- WPGG NJ **Atlantic City** – 8/12 0506 – In multi-station mix with male “WPG talk radio 95.5 FM and 14-50 AM, South Jersey’s talk station.” (KK-VA)
- WQWK PA **State College** – 8/12 0529 – Presumed in multi-station mix with station promo mentioning “... on ESPN radio 103 7 and 14-50.” Is this WQWK? (KK-VA)
- 1460 WBUC WV **Buckhannon** – 8/12 0425 – Mixing with WTKT and more talk, ID as “92.1 and 93 1 WFGM.” (KK-VA)
- 1470 WMBD IL **Peoria** – 8/11 0406 – Coming in fairly well with Coast to Coast AM before the hour and station ID at this time. Interesting ad for Smith and Wesson guns at 0411. (JW-PA)
- WNYN NY **Ithaca** – 8/17 2219 – The only identifiable station at this time with 94.1 and 1470 frequency ID and “Pure Oldies” slogan. Periodically fading in during the next period. (JW-PA)
- +++ – 8/12 0542 – Mixing with WJDY, WSAN and other singing, station promo “... all these songs are playing right here on ‘Pure Oldies’ 94 1 and 14-70.” (KK-VA)
- WSAN PA **Allentown** – 8/12 0603 – mixing with WJDY, WNYN and other singing, male “This is WSAN Allentown...” (KK-VA)
- 1490 WOLF NY **Syracuse** – 8/19 0000 – WRKY “Rocky” in Lancaster broadcasting carrier without audio from 2200 8/18 through 0530 on 8/19. Several stations heard weakly underneath; volume needed to be maxed to get any audio at all. WOLF call sign and mention of Syracuse location at ToH with Fox Sports programming. (JW-PA)
- WNTJ PA **Johnstown** – 8/12 0429 – In multi-station mix with ID as “The Laurel Highlands News, Talk and Sports network 14-90 WNTJ.” (KK-VA)
- WRKY PA **Lancaster** – 8/12 0519 – In multi-station mix (WBCB, WXTG, WNTJ, WARK and other rock & roll songs) with jingle “The hits are back.” Female DJ: “Hits of the 70’s, 80’s and more on ‘Rocky 98 5.’” First time heard since they switched from using call sign WPLA. (KK-VA)
- WBCB PA **Levittown** – 8/12 00453 – In multi-station mix with station promo “Great variety of relaxing hits...14-90 WBCB.” (KK-VA)
- +++ – 7/24 2040 – Promo for “Glen Jones Radio Experience.” ID as “WBCBSports.com.” (HJH-PA)
- WXTG VA **Hampton** – 8/12 0519 – In multi-station mix with male “101.9 ‘The Groove’” slogan. (KK-VA)
- 1580 WWCD OH **Columbus** – 7/20 2224 – Ads and PSAs, heard mention of Ohio, music, “CD 92.9” slogan at 2234. Fair occasionally to very poor fighting with CKDO. First time heard at this location. (PS-ON)
- 1600 KGYM IA **Cedar Rapids** – 6/27 2358 – ESPN promos, missed most of the ToH ID except “...The Gym,” sports talk. Fair occasionally to very poor in station mix. (PS-ON)
- WKKX WV **Wheeling** – 8/11 2200 – ID mentioning WKKX-1600 Wheeling, WVLY-1370 Moundsville and an FM frequency I couldn’t make out. Promo for “Rundown with George Michael.” Ending HS sports coverage. Fair over WWRL at times. (HJH-PA)
- 1670 WMGE GA **Dry Branch** – 8/6 2151 – Black Information Network ID. Weak to fair under CJEU. (HJH-PA)



Unreported Domestic Stations

Three new stations were reported to DDXD for the first time this issue since at least Volume 67 (1999-2000): WKIQ-1240, WZTA-1370, and WSNT-1490. There are now just 230 stations on our list of active (or at least licensed) full-service U.S. and Canadian stations (100 Watts or more) that have not been reported during this time. The full list appeared in the last issue.

International DX Digest

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

contiba@gmail.com

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

All times are Universal Coordinated Time (UTC)

PAN-AMERICAN DX

- 710 **MEXICO** XEDP Cd. Cuauhtémoc, Chih. AUG 7 1100 – “La Ranchera de Cuauhtémoc” with full sign-on announcement forXHDP 89.7 (AM never mentioned), followed by a long version of the Mexican national anthem. Still part of Grupo BM Radio. [Vance-TX]
- 720 **MEXICO** XEJAGC Juan Aldama, Zac. JUL 29 1112 – “La Bonita del Norte” weakly with news/talk programming. ID announcement with “La Bonita del Norte” slogan and call letters at 1114 UTC. The call letters were given in a unique way in that the “JAG” portion was pronounced as a Spanish word; so the call sounded like X-E-Jag-C. Affiliation with Grupo Radio Centro was also mentioned. [Vance-TX]
- 930 **CUBA** *R.Reloj*, multiple sites JUL 31 0819 – Weak. Three listed though only one audible: La Jaiba, Matanzas; Santiago de Cuba; and Cienfuegos, all allegedly 1 kW. [Krueger-FL]
- 950 **CUBA** *R.Reloj*, multiple sites AUG 20 0459 – Strange RRR (triple R) Morse code after the minute marker, also heard on 570 and 960 kHz. Normal RR code after 0500 minute marker. Maybe a poor time for automated switching of pre-recorded audio. The same triple R at the same time reported by Mike Westfall in the NRC Facebook group. [Conti-NH]
- 960 **MEXICO** XEHK Guadalajara, Jal. JUL 31 1115 – Música romántica, with frequent “HK, nueve-sesenta AM” splitter ID’s. Time check, ads and government PSA’s at 1133, followed by a full ID, “Aquí La Voz de Guadalajara, XEHK, novecientos-sesenta AM...” Power and location also given, as well as mentioning affiliation with Radiorama; then back to music. Full ID also started with the three trumpet notes. [Vance-TX]
- 990 **MEXICO** XECL Mexicali, BC JUL 29 1140 – “Roccola 990” with U.S. oldies and Mexican pop music. ID at 1201, “Esta es XECL, nueve-noventa AM, Roccola Nueve-Noventa,” and back to music. [Vance-TX]
- 1040 **MEXICO** XESAG Salamanca, Gto. AUG 12 1045 – Fading in and out with a variety of romántica music and soft vocals, several “Radio Lobo Bajío” splitter ID’s. [Vance-TX]
- 1050 **MEXICO** XEG *La Ranchera de Monterrey*, Monterrey, NL AUG 3 0705 – Mexi-tunes, “La Ranchera de Monterrey” and mention of an FM frequency, though missed which. Their website and Wiki do not show any FM simulcast. Spanish preacher block program a little later. [Krueger-FL]
- 1110 **MEXICO** XERED México, CDMX JUL 31 1142 – U.S. AC/CHR oldies. “Universal ochenta y ocho punto uno. Siempre contigo” splitter ID’s at times. Grupo Radio Centro promo for “All Music Weekend” at 1153 UTC. Call letter ID after government PSA’s at 1155, “Estas escuchando XERED-AM, Universal Estereo... Grupo Radio Centro.” [Vance-TX]
- 1180 **MEXICO** XEFR México, CDMX AUG 7 1111 – “Radio Felicidad” with romanticas and baladas. Splitter ID between most songs was different variations of “Radio Felicidad, once-ochenta AM, estan los mejores momentos.” [Vance-TX]
- 1210 **CUBA** *R.Reloj*, Las Tunas JUL 28 0912 – Weak under *R.Sancti Spiritus*. [Krueger-FL]
- 1340 **MEXICO** XEDKT Guadalajara, Jal. AUG 11 1159 – Faded up with time pips and Radiorama network ID. No local ID heard but this is the only station on 1340 per Radiorama website. [Vance-TX]
- 1340 **MEXICO** XENV Monterrey, NL AUG 11 0240 – In and out with Mexican pop and romántica. Caught “XENV, trece-cuarenta AM” splitter ID at 0300 UTC. [Vance-TX]
- 1510 **MEXICO** XEPBGR Guadalajara, Jal. AUG 7 1211 – U.S. CHR oldies and Mexican Pop tunes. Splitter ID’s were a variation of “XEPBGR, quince-diez AM, desde Guadalajara, Jalisco. Radio Miled, la radio con poder.” [Vance-TX]
- 1540 **BAHAMAS** ZNS1 Nassau, New Providence JUL 28 0917 – Black gospel chorus, slow talking preacher between, parallel 810 kHz ZNS3 Freeport. Good on peaks over others. [Krueger-FL]

TRANS-PACIFIC DX

- 846 **KIRIBATI** *R.Kiribati*, London, Christmas Island AUG 8 0610 – JBA carrier, presumed *R.Kiribati*; no other carriers detected on 9 kHz steps in bottom half of band, from Eurafica or Pacific. Wait for equinoxial season. [Hauser-OK]

1017 **TONGA** A3Z Nuku'alofa AUG 21 1000 – Checked after reading NRC Facebook group report of reception by Tim Tromp in Michigan. Steady s5 signal observed but too much splatter from 1020 WHDD to recover any audio. Measured 1017.005 kHz as listed. [Conti-NH]



CONTRIBUTORS

Bruce Conti WPC1CAT, Nashua NH; WiNRADiO Excalibur, SuperLoop 15 x 23-m at 60°, double Delta at 60°.

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

Terry L. Krueger, Niceville FL; IC-R75, NRD-535, ICF-7600GR, Tescun PL-360, active loops, random wire, misc. junk.

Robert Vance, El Paso TX; SDRPlay RSPduo, WiNRADiO G33DDC, various indoor and outdoor loop antennas.

INTERNATIONAL NEWS

COOK ISLANDS: I have it on good authority from Radio Cook Islands directly that RCI has turned off their MW 630 signal that was using the standby transmitter at Black Rock after the main site at Matavera was decommissioned “a while back” relying now just on their FM service. I tried to get an exact date but information out of the station is difficult. [Chris Rogers, NZRDYL via ARC mv-eko]

ITALY: RAI, Radio Televisione Italiana, will turn off its entire medium wave programmes on 11 September 2022 (local midnight Sept 10). All these transmissions will turn off:

657 Pisa Coltano

900 Milano Siziano

936 Venezia Campalto

999 Torino Volpiano

1062 Ancona Montagnolo

1062 Cagliari Decimoputzu

1062 Catania Coda di Volpe

1107 Roma Monte Ciocchi

1116 Palermo Monte Pellegrino

1431 Foggia

1449 Belluno

1575 Genova Portofino.

[mediumwave.info]

SPAIN: Many Spanish broadcasters in recent years have abandoned amplitude modulation, a ‘duplication’ of FM that has become increasingly expensive. Until a few years ago they were local stations, with powers ranging from 1 to 5 kW. This year, energy prices skyrocketing due to the effect of the conflict in Ukraine, the ones throwing in the towel are heavyweight broadcasters that had resisted until now thanks to their regional catchment area. In June, COPE stations Seville-837 kHz, Valladolid-882 kHz, and Pamplona-1135 kHz bade farewell. *Radio Nacional de España* chose instead to reduce the power of five broadcasting centres from 300 to 100-150 kW. Quite a downsizing for the Spanish airwaves, which represented a conspicuous anomaly in the European radio scene, as it was the only nation with more than two hundred transmitters. Today, however, there are 163 transmitters, and public radio prevails with 104 transmitters from RNE and RNE5, against the 60 commercial ones from SER and COPE. The radio group with the largest audience, Cadena SER, is also reducing power and switching off: In June 2022, the signals of Radio Córdoba-1575 kHz and Radio Mallorca-1080 kHz disappeared from the airwaves. But the operation is being carried out without much fanfare. Sometimes the stations on the airwaves lack an authorised FM frequency, and the radio groups reuse the channels of other radio stations in the group (Cadena Dial, Los 40, Cadena 100 or Rock FM). This has already been done by COPE Ciudad Real and COPE Puertollano who, after broadcasting for years without a licence, have taken over the frequencies of Cadena 100. [https://blog.radioreporter.org, ARC mv-eko]

UNITED ARAB EMIRATES: *R.Keralam* is testing on 1476 kHz, counting down to official transmission start on September 1st. <https://www.radiokeralam.com/> Radio Keralam is the only Malayalam AM radio channel with GCC coverage broadcasting from UAE. Thanks to Pekka Sorjonen. [Kari Kallio to nordx iog, mediumwave.info]

73 and Good DX!

Musings of the Members

Linda Brodsky zekesgm@gmail.com

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

Next deadline: **September 9, 2022**

Martin Foltz, Sarasota FL

It's been a tough year with the loss of most of my radio hobby stuff. But I'm going to start over. We moved to Sarasota Florida this year, my wife in January and I moved in February. We still have our house in California but it's in escrow.

On to DX. I'm learning the band and log is up to 163 stations from 23 states. Florida is totally different than California. Stations seem to fade in and out and in May the northern 50 KW stations almost all disappeared. I hope they'll be back this fall. DX tests heard were 990 WWKY, 1150 WMST, 1100 WCGA and 600 WBOB. I bought a Sony ICF-2010 and had to do a small fix to get it working reliably. Veries: WCGA was heard a couple days before the test and a reception report was quickly verified. I also received a verie from 1450 KHIT Reno NV for my CA log. That log is at 474 heard, 300 verified, 150 CA stations verified and 48 GY stations verified. I almost made 50 GY stations verified.

I'll get back into DXing and verie collecting when we get into our retirement home. 73's, Martin

Linda Brodsky, Malverne NY

The little time I've spent on radio related activity this summer has been devoted to replacing antenna lead ins and doing some casual exploration of L Band ACARS activity. I'm headed back to CO for a week and am considering bringing my Airspy or RSPDx and perhaps the Grundig loop antenna in addition to the C.Crane Skywave SSB that brought in so many interesting stations during my winter visits. I hope the TSA screener doesn't pull my bag aside because of those items. The only time that happened recently was when I packed a brick of yeast and it was tested to make sure it wasn't illegal drugs. The TSA officer was very polite about that and we got into a discussion about baking bread at high altitudes but it delay getting to the gate by about 15 minutes. Does NRC have a fund to bail members out if they are detained for carrying odd looking gear? 73 until September.

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 146.

Broadcast History: Surviving Three-Letter Callsigns in the Upper Midwest

Posted on May 28, 2002 by Jon Ellis on www.northpine.com

A [recent Inside Radio story](#) about Saga Communications' efforts to restore the KSO callsign in Des Moines raises the interesting topic of the continued use of historic three-letter callsigns in the region.

In fact, of the six remaining three-letter callsigns still used in the Upper Midwest, five are in Iowa and used by nine total AM, FM, and TV stations. Most are in central Iowa.

WOI (Ames) exists on AM, FM, and TV, split between two entities. Iowa State University owns the radio stations, which carry public radio formats and are in the process of being officially transferred to Iowa Public Radio. The TV station, channel 5, is an ABC affiliate that was once owned by ISU but later sold to commercial broadcasters and is now owned by Tegna.

WHO (Des Moines) continues on AM and TV, also split between two entities. iHeartRadio owns WHO/1040 carrying News and Conservative Talk, while Nexstar owns NBC affiliate WHO-DT/13.

iHeart also owns two other three-letter callsign stations in Iowa that carry News and Conservative Talk: **WMT**/600 (Cedar Rapids) and **WOC**/1420 (Davenport).

Meanwhile, southwestern Iowa is home to **KMA**/960 (Shenandoah) and **KMA-FM**/99.1 (Clarinda), which are locally-owned and simulcast a Farm/News/Talk format. A [report on their 2019 sale](#) detailed KMA's history.

The only other remaining three-letter callsign in the Upper Midwest is **WHA**, used by Wisconsin Public Radio's **WHA**/970 (Madison) and PBS Wisconsin flagship **WHA-TV**/21.1 (Madison).

It's interesting to note that of the 11 facilities listed here, only six primarily brand themselves with their historic callsigns. Outside of legal ID's, the public media stations are known by their network names while **WOI-DT** uses the moniker "Local 5" with the web brand "We Are Iowa."

Minnesota has not had a three-letter callsign since the University of Minnesota's WLB became KUOM in 1945. Omaha's legendary WOW callsign was lost when 590 became KOMJ in 1999 followed by 94.1 switching to KSSO in 2000, though it lives on in spirit with WOWT/6.1 (formerly WOW-TV).

So, what about bringing back three-letter callsigns? It's difficult. The FCC has allowed three-letter callsigns to be transferred to other stations when they have not yet been surrendered, but once they're given up, there's no guarantee of getting them back.

United States Early Radio History has a [comprehensive list](#) of all of the three-letter callsigns still in use nationally.

Bits and Bites from the Combined IRCA/NRC Listserve

From: Patrick Martin

Re: Belligerent cow and antenna issues

As many of you know I have had my SW EWE over to that tree in the field for over 40 years. Well, it has been broken by the cows twice in the past couple of days. Tonight just before dusk, I went out to repair it again. This time the cows tried to chase me out of the field. I yelled at them and they backed up. Seems they like to lay under that tree at night. Anyway I repaired the connection set the pot and came in. A bit ago, I checked reception and the SW EWE was dead. I grabbed the flashlight and checked the back yard, the plug was gone and no wire in sight. Walked over near the tree on this side of the fence and the cows pulled my wire down! One was laying on it! I pulled on the wire and the cow moved, but it is tangled somewhere. I'll check on it tomorrow. I put screening up around the control so they could not get to it. It looks like I may have some issue. I'll get a can of that animal spray to keep them away from my antenna if I need to. There seems to be one pushy cow as she was the ring leader this evening. I have never had this kind of trouble with the cows in the past. Sure they have chewed on my control boxes, but this is the first time one has been so persistent. I think I will run up to Home Depot tomorrow to get some animal repel spray to be on the safe side. It may tick them off more, but being the size of a cow, if they want to do something, there probably is little I can do about it. I'll keep you posted.

Update: I got out this morning and I got the SW EWE back up. I was going to put some metal screen up around where the lead comes down, but I figured the extra metal may affect the pattern. So I hope this was a fluke. The support on this side is stronger, so I am hoping....

From: Kurt

Re: Belligerent cow and antenna issues

I have problems with cows, and sometimes horses. The cows are by far the most destructive, even just ambling in. Cattle are a bloody nuisance.

Horses, not so bad. We have wild horse here like the inner city has pigeons. Sometimes they try to get into the house, or garage, one tried to climb into the back of my Suburban Wagon, other times they get in the way of my work, lean on me, corner me in a shed, play with whatever I leave laying around, this afternoon, four wild horses kept hanging around while I did yard work, sometimes I have to stop and let them inspect what I'm doing, and if I make a dirt pile, they have to try to climb on top, even if it's only a foot high. Today I was cutting steel bars with a large metal cutting chop saw, the noise and sparks didn't scare them, they all came over the watch. They are absolute goofballs. In the winter, 40-50 will hang around the house, often lining up and sleeping in the driveway like a row of cars, and sometimes in a heap around a vehicle, making one late for work. I've had a few try to nip at my Hawaiian shirts while taking out the trash, but I'd rather deal with a wild horse any day, than domestic cattle.

With the horses, if problematic, usually walking straight at them like you mean business, or waving them off while speaking sternly is enough to get them to stop whatever they are doing.

Cattle just flip out, and bulldoze whatever is between them and wherever they think they are going, taking out small trees, antennas, fences, irrigation systems, whatever is in the way.

I was at a local farm supply store, and found a "flag whip". I bought the longest I could find, with a large orange flag on the end.

When I see the cattle coming in, I walk out, and wave it back and forth fast enough to make loud cracking noises, while walking toward the cattle, and they freak out and run off. A few instances of that, and they learn to not come around. Here's an example: <https://uswhip.com/products/flag-whips/> I have the bright orange 72" model.

From: Patrick Martin

Re: Belligerent cow and antenna issues

Thanks for the reply. I have had that EWE out there for 41 years without many issues. Once a great while a small issue, but of late, it has been terrible....But I think I found out the issue. After I repaired the EWE, I set a bunch of small logs in front of the termination, so they could not reach it. It seemed

to have worked as the cows were there and moved before LSS. But in the process, my neighbor has also left two young steers out along with the Angus cows and they are bigger and friskier. I saw one kicking up a mess this afternoon, so it may not have been the cows at all. The two steers according to my neighbor are Grouchy and Boo Boo and she pets them, so they are not dangerous, but I have never seen any steers out there in all my years here. I will see what happens. I did mow the lawn and I walked right by the steers within 3-4 feet on the other side of the fence. They did not seem aggressive even with the cows, but the cows seemed more pushy as the steers were there to protect them I guess. They just watched me mow the lawn. Until those steers go, I think I will avoid the field if they are around. This morning when I fixed the antenna, no cows or steers around, but in the late afternoons they move back under the trees when my EWE is terminated.

From: Zacharias Liangas
Re: Youloop

Youloop is one of the most discussed Meobius type loop that offers exceptional noise cancelling with more than 20 dB.

The recent days I have tested in big detail on the operations between the original and a clone after my home brown design was a disaster.

Text with more than 25 pictures and photos. Please read my article:

<https://zachs-radiopage.blogspot.com/2022/05/rx-and-comparing-youloop-clone.html>

All my related articles (3) <https://zachs-radiopage.blogspot.com/search/label/youloop>

Original idea <https://airspy.com/youloop/>

From: Mark Connelly WA1ION
Re: New Receiver

Nicolangelo Palermo Facebook posting:

After the forced Covid-19 stops the Friedrichshafen 2022 Ham Radio Messe is back at the door and we at Elad and Microtelecom are pleased to present you the Perseus 22 direct sampling communication receiver.

- 2 HF synchronous channels (0.01-70 MHz)
- 2 VHF synchronous channels (70-225 MHz)
- Up to 100 MSPS real-time bandwidth for wideband IF applications
- Space/Polarization Diversity, Interference Cancellation enabled and much more.

Visit the Elad booth at the Friedrichshafen Messe from 24 to 26 June to learn more.

Perseus22 is a 4 channels, direct sampling receiver with a continuous frequency coverage from 10 KHz to 225 MHz and a typical image rejection larger than 70 dB.

All channels are synchronously sampled by an high SNR, 14 bits A/D converter and processed by a software defined digital down converter, implemented on an FPGA, which outputs are routed to the host PC by a USB 3.0 controller, allowing wide-bandwidth IF applications.

The frequency coverage is split-up in 2 groups of channels (two for VLF-HF frequency range, the others for VHF), each one capable of diversity, which can reduce noise in order of tens dB. All channels includes an analog RF frontend equipped with attenuators, preselection filters and amplifiers.

The receiver enclosure is machined from solid aluminium and finished with a fine, non reflecting, black surface treatment.

Nico / IV3NWV

From: Loyd Van Horn
Re: New Video Top 10 Countries You Can Try to Hear TONIGHT on MW Radio

Evening all!

I have produced a companion video series for my article from the July 2022 edition of The Spectrum Monitor (out now)

The article and this video series explores the Top 10 countries from North/South America that you can try to hear TONIGHT on MW.

PART 1 - [HTTPS://YOUTU.BE/9QZRLI_RVIA](https://YOUTU.BE/9QZRLI_RVIA) - Countries 1-3

PART II - [HTTPS://YOUTU.BE/GN5GFG41PU](https://YOUTU.BE/GN5GFG41PU) - Countries 4-10

PART III - [HTTPS://YOUTU.BE/7PETKDJHNRW](https://YOUTU.BE/7PETKDJHNRW) - A handful of extra countries plus a review of using MWList.org for international station lists

I hope this helps folks add more countries to their logbook! Just know that this time of the year is a FANTASTIC time for Latin American DX. Don't let the doom and gloom of summer static keep you getting these countries!

From: Mike Dewan
 Re: Box Loop Antenna

I am planning to build a 4' box loop antenna from the plans for the NRC FET Altazimuth box loop as outlined in the NRC publication "Antenna Reference Manual Volume 1." I had one of these about 20 years ago and its performance was excellent. Life being what it is however, I now need to build another.

My main receiver now is an SDR, the SDRplay RSPdx. I want to make sure I have the proper impedance matching from the radio to the box loop antenna. The SDR has a 50 Ohm unbalanced antenna input. My issue is that I do not know what the impedance of the antenna is, and I'm not completely sure it is a balanced antenna, although it seems to be by the nature of the output feed.

The "DX Toolbox" column seemed like a good place to throw this question out; forgive me if it should go somewhere else. I've got to believe someone out there in the club has an idea for an answer to this, or knows someone who does. Anything you could suggest would be welcome. Thank you.

Mike strontium19@gmail.com

73 for this time Shawn

Remember On A Clear Day You Can Hear Forever

Confirmed DXer

Phil Bytheway, 9705 Mary NW, Seattle WA 98117-2334, DXM.EiC@gmail.com

Report your verifications to me at the above address. Next deadline: **10/08/22 1 PM PLT.** pb

- 880 KJJR **MT**, Whitefish. DX Test full data PDF eQSL received in 216 days for Email report to Les Rayburn les@highnoonfilm.com. Thanks to all involved with the KJJR DX Test. To see the QSL go to the USA section of www.kg4lac.com. (KK-VA)
 + eQSL received in 7 months, v/s CPC members. (JR-NY)
 + PDF QSL card received in 8 months attached to Email message from Joe Miller, Courtesy Program Committee, indicating that a total of 52 reports were received for the January DX Test. (JP-AB)
- 930 KSDN **SD**, Aberdeen. Received a QSL from KSDN 94.1 Aberdeen SD. The signer, Scott Solberg, Account Representative for Hub City Radio Aberdeen, mentions in his response that Hub City includes 930 KSDN and 1420 KGIM, so I think that Scott would be a good QSL contact for the MW stations. Hub City Radio, POB 1930, Aberdeen SD 57402-1930. I wrote back suggesting a text broadcast. We'll see! (JR-NY)
- 1240 WCEM **MD**, Cambridge. Prepared card, 3 months after my original letter bounced. Signed by Craig Jahelka, President, Draper Media, 1729 N. Salisbury Blvd., Salisbury MD 21801. (JR-NY)
- 1380 KQKD **SD**, Redfield. QSL poster for CPC Test, signed by CPC members. Info shows reception of DEC 11 2015, but I heard it JAN 15 2022. I've asked Joe Miller to fix it. But of course, much appreciate the QSL. (JR-NY)
 + DX Test full data PDF eQSL received in 208 days for email report to Les Rayburn les@highnoonfilm.com Thanks to all involved with the KQKD DX Test. To see the QSL go to the USA section of www.kg4lac.com. (KK-VA)
- 1570 WVTL **NY**, Amsterdam. Prepared card for May 9 reception, v/s Dave Silvers, Operations Manager, 5816 State Route 30, Amsterdam NY 12010. Took about 1 week, though my first try in May bounced from a wrong address. Very nice letter from Mr. Silvers included. (JR-NY)

Thanks to these great reporters – pb

Jim Renfrew – Clarendon NY (JR-NY)

Kraig Krist – Manassas VA (KK-VA)

Jon Pearkins – Edmonton AB (JP-AB)



Join the NRC Facebook Group

<https://www.facebook.com/groups/210104603155267/>

Pro Sports Networks

Barry Finkel, 10314 S. Oakley, Chicago IL 60643-2409, bsfinkel@att.net

Here is National Football League (NFL) flagship information for the 2022 season via Internet searches. Some of the network lists are undated, so I do not know if they are for the current season. And I cannot rely on the copyright date at the bottom of each page, as that is probably added globally for the web site, even if the specific web page being viewed has not changed. And some team sites do not list the announcer team, while others have bios that are a few seasons' old, so I do not know if they are current. I found some network list pages that were not linked from the team home page or sub-section "home" page; I assume that there are "orphan" pages that are not current. And there are no "search" icons on any NFL team website this season.

Some of the online lists cannot be cut-and-pasted, as they are graphical images. One could download the JPEG image file and then feed it through an OCR scanner, but I find it simpler to hand-compare it to the text file I have saved from last season and create a new text file.

These lists were checked by David Yocis against the official FCC AM and FM databases, so what you see below might differ from what you find at the URLs listed.

And I am not sure that I have all of the Spanish-language stations correct. And there are a number of teams for which I have no Spanish-language announcer names.

I do not know the sources for the gottoknow lists, so I cannot trust them 100%. I did compare the 2022 lists for the New England Patriots and Tampa Bay Buccaneers from both sources, and there were differences. I trust the list from the team's web site over one from another site not affiliated with the team of the flagship station(s).

Due to NFL Restrictions, online streaming of games is prohibited by affiliates. You can listen and/or watch games online via NFL.com

Announcer names are found at http://en.wikipedia.org/wiki/List_of_current_NFL_broadcasters That page seems to have been updated for the 2022 season, but some of the footnotes on that site point to web page retrievals in 2012.

I cannot include a network in this column if there is a "Do Not Reproduce" warning on the web page. If I found a "Do Not Reproduce" list and one from another (untrustworthy) site, I did not reproduce the list.

There is a site <http://nflfootballtv.com/onlineradio.html> that has Internet online radio - streaming audio and video information on each team. I have no idea if that web site is current.

The Westwood One Radio Network will broadcast NFL games that occur Sunday nights, Monday nights, and Thursday nights. This URL <http://westwoodonesports.com/football-announcers/> has the list of announcers. Here are the announcer teams:

Monday night: Kevin Harlan, Kurt Warner, Rich Eisen (studio host)

Sunday night: Ryan Radtke & Rod Woodson or Ross Tucker, Scott Graham (studio host)

Thursday night: Ian Eagle, Tony Boselli, Scott Graham (studio host)

The "Station Finder" on that web site: <https://westwoodonesports.com/stations/> does not yet have an option to select NFL broadcasts. The only options are "March Madness and "College Men's World Series."

Entravision, a Spanish-language network, will be broadcasting games - Thursday night season kickoff, Sunday nights, Monday nights, and all post-season games. The web site did not list the announcers.

As always, any of these network lists can change during the season. Please send me any additions and/or corrections. Thanks.

Arizona Cardinals	98.7	KMVP-AZ	EE	Dave Pasch, Ron Wolfey
	100.3	KQMR-AZ	SS	Luiz Hernandez
	105.1	KHOV-AZ	SS	
Atlanta Falcons	92.9	WZGC-GA		Wes Durham, Dave Archer, John Michael
Baltimore Ravens	97.9	WIYY-MD	EE	Gerry Sandusky, Rod Woodson, Mike Nolan
	1090	WBAL-MD	EE	(and translator W268BA-101.5)
	1050	WBQH-MD	SS	David Andrade, Allen Gutierrez (and 93.5)
Buffalo Bills	550	WGR-NY		John Murphy, Eric Wood, Sal Capaccio
Carolina Panthers	99.7	WRFX-NC		Anish Shroff, Jake Delhomme, Jordan Gross, Jim Szoke
Chicago Bears	780	WBBM-IL	EE	Jeff Joniak, Tom Thayer, Mark Grote
	105.9	WCFS-IL	EE	
	1200	WRTO-IL	SS	Omar Ramos, Miguel Esparza

	93.5	WVIV-IL	SS	
Cincinnati Bengals	1530	WCKY-OH		Dan Hoard, Dave Lapham, Wayne Box Miller
	102.7	WEBN-OH		
	700	WLW-OH		
Cleveland Browns	850	WKNR-OH		Jim Donovan, Doug Dieken, Nathan Zegura
	92.3	WKRK-OH		
	98.5	WNCX-OH		
Dallas Cowboys	105.3	KRLD-TX	EE	Brad Sham, Babe Laufenburg, Kristi Scales
	107.5	KMVK-TX	SS	*Victor Villalba, Andres Arce, Luiz Perez
	1270	KFLC-TX	SS	
Denver Broncos	850	KOA-CO		Dave Logan, Rick Lewis, Susie Wargin
	103.5	KRFX-CO		
Detroit Lions	97.1	WXYZ-MI		Dan Miller, Lomas Brown, T.J. Lang
Green Bay Packers	97.3	WRNW-WI		Wayne Larrivee, Larry McCarren
Houston Texans	610	KILT-TX	EE	Marc Vandermeer, John Harris, John McClain
	100.3	KILT-TX	EE	
	101.1	KLOL-TX	SS	*Enrique Vasquez, Gustavo Rangel
Indianapolis Colts	93.5	W228CX-IN		Matt Taylor, Rick Venturi
	107.5	W298BB-IN		
	97.1	WLHK-IN		
Jacksonville Jaguars	1010	WJXL-FL	EE	Frank Frangie, Jeff Lageman, Tony Boselli,
	92.5	WJXL-FL	EE	Bucky Brooks
	99.9	WGNE-FL	EE	
	930	WFXJ-FL	SS	??? (and W247CF-97.3 translator)
Kansas City Chiefs	106.5	WDAF-MO	EE	Mitch Holtus, Danan Hughes, *Josh Klingler
	103.3	KPRS-MO	SS	Enrique "Kike" Morales, Oscar Monterroso, Hannah Bassham
Las Vegas Raiders	920	KRLV-NV	EE	Jason Horowitz, Lincoln Kennedy
	92.3	KOMP-NV	EE	
	1460	KENO-NV	SS	*Anbrosio Rico, Fernando Arias
Los Angeles Chargers	98.7	KYSR-CA	EE	*Matt "Monkey" Smith, Daniel Jeremiah,
	570	KLAC-CA	EE	Shannon Farren
	105.5	KBUE-CA	SS	Francisco Pinto, Adrian Garcia Marquez
	94.3	KBUA-CA	SS	
Los Angeles Rams	710	KSPN-CA	EE	J.B. Long, Maurice Jones-Drew, D'Marco Farr
	93.1	KCBS-CA	EE	
	1330	KWKW-CA	SS	Troy Santiago, Ricardo Lopez
Miami Dolphins	560	WQAM-FL	EE	Steve Goldstein, Jason Taylor, Kim Bokamper
	99.9	WKIS-FL	EE	
	1140	WQBA-FL	SS	Roly Martin, Eduardo Martell
Minnesota Vikings	100.3	KFXN-MN		Paul Allen, Pete Bercich, Ben Leber
	1130	KTLK-MN		
New England Patriots	98.5	WBZ-MA		Bob Socci, Scott Zolak, Marc Bertrand, Chris Gasper
New Orleans Saints	870	WWL-LA	EE	Mike Hoss, Deuce McAllister, Steve Geller,
	105.3	WWL-LA	EE	Bobby Hebert, Kristian Garic
	830	KGLA-LA	SS	Mario Jerez, Juan Carlos Ramos, Victor
	105.7	K289AM-LA	SS	Quiñonez
New York Giants	660	WFAN-NY	EE	Bob Papa, Carl Banks, Howard Cross, Bruce
	101.9	WFAN-NY	EE	Beck
	92.7	WQBU-NY	SS	*Nestor Rosario, Francis Adames
New York Jets	98.7	WEPN-NY	EE	Bob Wischusen, Marty Lyons, Gregg Buttle, Dan Graca
	1280	WADO-NY	SS	Clemson Smith Muñiz
Philadelphia Eagles	94.1	WIP-PA	EE	Merrill Reese, Mike Quick
	105.7	W289AZ-NJ	SS	
Pittsburgh Steelers	970	WBGG-PA		Bill Hillgrove, Craig Wolfey, Max Starks
	102.5	WDVE-PA		
San Francisco '49ers	680	KNBR-CA	EE	Bob Fitzgerald, Keena Turner, Donte Whitner
	104.5	KNBR-CA	EE	
	107.7	KSAN-CA	EE	
	860	KTRB-CA	SS	Jesús Zárate, Carlos Yustis

	1010	KIQI-CA	SS	
	990	KATD-CA	SS	
Seattle Seahawks	710	KIRO-WA		Steve Raible, Dave Wyman, Jen Mueller
	97.3	KIRO-WA		
Tampa Bay Buccaneers	97.9	WXTB-FL	EE	Gary Deckerhoff, Dave Moore, T.J. Rives
	1470	WMGG-FL	SS	Carlos Bohorquez, Martin Gramatica
	101.9	W270DU-FL	SS	
Tennessee Titans	104.5	WGFX-TN		Mike Keith, Dave McGinnis, Rhett Bryan, Amie Wells
Washington Commanders	980	WTEM-DC		Bram Weinstein, London Fletcher, Julie Donaldson
	105.9	WMAL-VA		
	630	WSBN-DC		

Arizona Cardinals (EE) 2022 Dave Pasch, Ron Wolfey

<https://www.azcardinals.com/broadcast> (8/7/2022)

600	KVNA-AZ	1340	KIKO-AZ	92.1	KZUA-AZ	98.7	KMVP-FM-AZ
780	KAZM-AZ	1450	KTZR-AZ	94.3	KDDL-AZ	a	100.1 KGMN-AZ
980	KNTR-AZ	1560	KEBC-OK	96.1	KWRK-AZ	b	106.7 KNKI-AZ
1230	KATO-AZ			97.1	KYAL-OK		

Arizona Cardinals (SS) 2022 Luiz Hernandez; Grupo Larsa SS affiliates in Mexico

<https://www.azcardinals.com/broadcast> (8/7/2022)

850	XEZF-MX	90.3	XHAW-MX	95.5	XHNSA-MX	104.7	XHCNE-MX
960	XEHK-MX	90.7	XHLOC-MX	97.7	XHNF-MX	105.1	KHOV-FM-AZ
1010	XEXN-MX	91.5	XHMPJ-MX	99.1	XHNZZ-MX		XHNAY-MX
1340	XEDKT-MX	92.5	K223CI-AZ	100.3	KQMR-AZ	105.9	XHHER-MX
		95.1	XHBPZ-MX	103.5	XHRZ-MX	107.5	XHNZ-MX
89.3	XHFA-MX	95.3	XHINM-MX	103.7	XHGYM-MX		

Atlanta Falcons 2022 Wes Durham, Dave Archer, John Michael

<https://www.gotknowhow.com/articles/listen-to-atlanta-falcons-games-live-online-radio> (8/11/2022)

by Doug K. July 20, 2022

540	WDAK-GA	970	WVOP-GA	1420	WPEH-GA	101.1	WTGA-FM-GA
550	WDUN-GA	1230	WBLJ-GA	1450	WKEU-GA	101.9	WJFL-GA
630	WNEG-GA	1250	WSRA-GA		WMVG-GA	102.9	WDUN-FM-GA
720	WGST-GA	1270	WBOJ-GA			103.9	WYAB-MS
790	WSFN-GA	1310	WHEP-AL	88.9	WKEU-FM-GA	104.3	W282AR-GA
800	WJAT-GA	1350	WFNS-GA	92.1	WPEH-FM-GA	104.9	WCCP-FM-SC
850	WPTB-GA	1370	WLOP-GA	G	92.9 <u>WZGC-GA</u>	105.5	WIFO-FM-GA
860	WDMG-GA	1400	WRZX-GA		95.3 WALV-FM-TN	105.9	WVGA-GA
940	WMAC-GA		WSEG-GA		98.1 WMGP-GA		
960	WRFC-GA						

Baltimore Ravens 2022 (EE) Gerry Sandusky, Rod Woodson, Mike Nolan

Baltimore Ravens 2022 (SS) David Andrade, Allen Gutierrez

<https://www.baltimoreravens.com/broadcast/gameday-radio/> (8/9/2022)

630	<u>WSBN-DC</u>	J	1470	WTTR-MD	96.1	W241AO-MD	102.3	W272CX-MD
910	WSBA-PA		1490	WARK-MD	97.9	<u>WIYY-MD</u>	106.1	WBBX-MD
1050	WBQH-MD		1530	WCTR-MD	98.5	WUSX-DE	106.3	WCEM-FM-MD
1090	<u>WBAL-MD</u>				98.9	W255CP-MD		W292FR-MD
1230	WCMD-MD	92.7	WGMD-DE		99.9	W260BM-MD	106.9	W295CJ-MD
1240	WCEM-MD	93.5	W228DI-MD		101.5	<u>W268BA-MD</u>		WWEG-MD
1390	WKLP-WV	93.9	WLCL-IN		102.1	W271AT-MD		
1430	WNAV-MD		W230CQ-PA					



Buffalo Bills 2022 John Murphy, Eric Wood, Sal Capaccio<https://www.buffalobills.com/audio/radio-network> (8/9/2022)

550	<u>WGR-NY</u>	1490	WNGZ-NY	95.7	WPIG-NY	100.3	W262AD-NY I
650	KGAB-WY	1590	WAUB-NY	95.9	W240DO-NY	100.5	WDRE-PA
950	WROC-NY			96.5	WCMF-FM-NY	100.9	WKRL-FM-NY
1230	WMML-NY	92.7	WQTK-NY	97.9	W250CC-NY	101.5	W268CX-NY
1240	WGVA-NY	93.3	WWSE-NY	98.1	W251AJ-NY	102.3	WQHZ-PA
	WJTN-NY	93.9	WDNY-FM-NY	98.3	WVIN-FM-NY	103.1	WZOZ-NY
1410	WDOE-NY	94.1	WOTT-NY	99.9	WIII-NY I	106.5	WKRH-NY
1420	WACK-NY	94.9	WKLL-NY	100.1	WBRR-PA		

Carolina Panthers 2022 Anish Shroff, Jake Delhomme, Jordan Gross, Jim Szoke<http://www.panthers.com/news/radio.html> (8/9/2022)

570	WWNC-NC	1390	WOHS-NC	96.9	W245CU-VA	102.3	WMFX-SC
580	WLVA-VA A		WPLI-VA	97.1	W246CR-VA	102.7	WPUB-FM-SC
610	WPLY-VA	1400	WSIC-NC	98.1	WYBB-SC	103.3	W277DD-NC
810	WPIN-VA	1410	WEGO-NC	98.3	W252DI-NC	103.5	WRCQ-NC
960	WRNS-NC		WVCB-NC	99.3	WZAX-NC	103.7	WTIB-NC
1010	WSPC-NC	1450	WHKP-NC	99.7	<u>WRFX-NC</u>	103.9	W280FP-NC
1050	WLON-NC	1590	WCSL-NC	99.9	WCMC-FM-NC	105.9	W290DK-NC
1230	WNNC-NC			100.3	WSEA-SC	107.1	WTKF-NC
	WOLH-SC	92.3	WKRR-NC	100.7	W264CU-NC		WRHM-SC
1240	WJNC-NC	92.9	W225DL-NC	100.9	WIFM-FM-NC	107.3	W297CE-NC
1250	WKDX-NC	93.1	W226AT-VA	101.1	WROQ-SC		WVSZ-SC
	WBRM-NC	93.7	WNTB-NC		W266CY-VA	107.5	W298CK-NC
1280	WSAT-NC		WOCS-LP-SC	101.3	W267CH-NC		W298CN-VA
1340	WHAP-VA	94.1	W231CE-VA	101.5	W268CU-NC	107.7	W299BZ-NC
		96.3	W242CB-SC				

Chicago Bears 2022 (EE) Jeff Joniak, Tom Thayer, Mark Grote**Chicago Bears 2022 (SS)** Omar Ramos, Miguel Esparza<https://www.gotknowhow.com/articles/listen-to-chicago-bears-games-live-online-radio> (8/10/2022)

by Doug K. July 31, 2022

780	<u>WBBM-IL</u>	1410	WMYR-FL	92.5	WREE-IL	103.5	WAWC-IN
1050	WDZ-IL	1420	WINI-IL	92.7	WVLI-IL	103.9	WRBR-FM-IN
1060	WRHL-IL	1450	WFMB-IL	97.7	WLQI-IN	104.9	WXRX-IL
1150	KCPS-IA		WASK-IN K	101.3	WVIL-IL		KIHK-FM-IA
1230	WJBC-IL	1490	WDBQ-IA	101.7	WIVR-IN	105.9	<u>WCFS-FM-IL</u>
1280	WBIG-IL	1600	KGYM-IA	102.3	WKZF-IL		
1360	WLBK-IL						

Cincinnati Bengals 2022 Dan Hoard, Dave Lapham, Wayne Box Miller<https://www.bengals.com/broadcast/radio> (8/10/2022)

600	WKYH-KY	1300	WJYP-WV	92.1	WBVX-KY	102.9	W275CT-OH
700	<u>WLW-OH</u>	1320	WLOH-OH	93.5	W228DJ-WV	103.1	WRAC-OH
790	WKRD-KY	1330	WYPC-OH	95.1	WWZB-LP-KY	103.5	W278CC-KY
910	WLTP-OH	1340	WCMY-KY	95.3	WKTN-OH	104.5	W283BO-OH
930	WRVC-WV		WMON-WV	96.7	WCSM-FM-OH	104.7	WTUE-OH
970	WATH-OH	1360	WMOV-WV		WBVI-OH	105.3	W287CP-OH
990	WTIG-OH	1480	WTLO-KY	99.3	W257EE-KY		W287CZ-OH
1010	WIOI-OH	1490	WMOA-OH		W257EQ-OH	106.7	W294CN-OH
1150	WIMA-OH	1500	WKXO-KY	102.7	<u>WEBN-OH</u>		W294AF-WV
1270	WDLR-OH	1530	<u>WCKY-OH</u>				

Cleveland Browns 2022 Jim Donovan, Doug Dieken, Nathan Zegura<https://www.clevelandbrowns.com/media/radio> (8/10/2022)

850	<u>WKNR-OH</u>	1540	WBTC-OH	94.3	WKKI-OH	101.1	W266BG-OH
1200	WKST-PA	1590	WAKR-OH	95.3	WZLR-OH	101.9	W270CI-OH
1430	WFOB-OH	1600	WKKX-WV	97.1	WBNS-FM-OH	103.1	WQFX-FM-PA
1440	WRGM-OH			97.5	WONE-FM-OH	104.5	WQKT-OH
1450	WJER-OH	92.3	<u>WKRK-FM-OH</u>	98.5	<u>WNCX-OH</u>	104.7	WKKY-OH
	WPSE-PA	93.1	WWSR-OH	100.9	WMJK-OH	106.7	W294CK-OH
1460	WBNS-OH	93.5	W228EL-OH		W265DL-OH	107.1	W296BW-PA
1480	WHBC-OH	94.1	WHBC-FM-OH		WJAW-FM-OH		

Dallas Cowboys 2022 (EE) Brad Sham, Babe Laufenburg, Kristi Scales

Dallas Cowboys 2022 (SS) *Victor Villalba, Andres Arce, Luiz Perez

<https://www.dallascowboys.com/podcast/radio-broadcast-information> - This is the 2020 list (EE) and the 2017 list (SS)

<https://theboysareback.wordpress.com/the-voice-of-the-dallas-cowboys-radio-network/> - This is an old list. DO NOT REPRODUCE

Denver Broncos 2022 (EE) Dave Logan, Rick Lewis, Susie Wargin

<https://koanewsradio.iheart.com/featured/koa-denver-broncos/> - This is the 2021 list.

<https://www.gotknowhow.com/articles/how-to-listen-to-denver-broncos-games-online-radio> (8/12)

550	KRAI-CO	1340	KGKG-CO	1600	KIVA-NM	102.1	KSMT-CO
600	KCOL-CO		KCQL-NM			102.3	KSPK-FM-CO
610	KCSR-NE		KKAM-TX	92.1	KFRZ-WY		KEDU-LP-NM
670	KMZQ-NV	D	KYCN-WY	92.5	KCRT-FM-CO	102.5	KKCI-KS
730	KLOE-KS		KWOR-WY	93.5	KALQ-FM-CO	103.1	KYDT-WY
850	<u>KOA-CO</u>	1350	KUBE-CO	93.7	K229CL-NM	103.5	<u>KREFX-CO</u>
930	KRKY-CO	1380	KOTA-SD	93.9	K230BY-KS	104.1	KBVC-CO
	KOGA-NE	1400	KWUF-CO	94.1	K231AA-CO		KNAB-FM-CO
960	KNEB-NE		KLIN-NE		<u>K231BQ-CO</u>	104.3	KFZE-WY
	CFAC-AB	1410	KGSO-KS	95.5	KYWY-WY	104.5	KSTY-CO
1010	KSIR-CO		KOOQ-NE	96.1	KSTR-FM-CO	105.7	KVAY-CO
1030	KTWO-WY		KWYO-WY	97.9	KTAG-WY		KPMX-CO
1140	KNAB-CO	1440	KRDZ-CO	99.1	KMTS-CO		KMDG-KS
1240	KCRT-CO	1450	KBFS-SD		KWYW-WY		KRDR-OK
	KFBC-WY		KBBS-WY	99.3	K257GN-NE	106.1	KNFO-CO
1260	KPOW-WY	1470	KYYW-TX		KTGA-WY		KXXL-WY
1290	KOWB-WY		KDHN-TX	100.5	KRSJ-CO	107.3	KQZR-CO
1300	KBRL-NE		KKTY-WY	101.7	KSKE-FM-CO	107.9	KBPL-CO
1330	KOVE-WY	1490	KPKE-CO		KJDM-KS		KZRS-KS
			KPKE-CO		KQTM-NM		
			KGOS-WY				

Detroit Lions 2022 Dan Miller, Lomas Brown, T.J. Lang

[https://www.wikiwand.com/en/Detroit Lions Radio Network](https://www.wikiwand.com/en/Detroit_Lions_Radio_Network) (8/12/2022)

<https://www.detroitlions.com/schedule/radio-affiliates> (8/12/2022)

DO NOT REPRODUCE



Green Bay Packers 2022 Wayne Larrivee, Larry McCarren

<https://www.packers.com/video/radio-network> (8/10/2022)

550	WSAU-WI	92.3	WJMQ-WI	97.3	<u>WRNW-WI</u>	102.3	K272FZ-SD
580	WKTY-WI		WRLS-FM-WI	97.7	WGLR-FM-WI		WAUH-WI
710	KXMR-ND	92.7	WDUX-FM-WI	98.1	W251BU-WI		WHTL-FM-WI
	WDSM-WI	93.7	WCYE-WI	98.3	WCQM-WI	102.9	WBOO-WI
1000	KSOO-SD	94.3	WYDR-WI	99.3	WKEB-WI	105.3	WRLO-FM-WI
1230	WFXN-IL		WQPC-WI	99.7	WIMI-MI	105.7	WCUP-MI
1240	WOMT-WI	94.9	WUPZ-MI	99.9	WJVL-WI	106.3	WEVR-FM-WI
1310	WIBA-WI	95.1	WLST-WI		W260CV-WI	107.1	WFON-WI
1330	WHBL-WI		W236CO-WI		WSAU-FM-WI	107.3	WNXR-WI
1350	WCMP-MN	95.3	WXRO-WI	100.7	WBIZ-FM-WI	107.5	WCCN-FM-WI
1400	WRJN-WI	96.1	WJMC-FM-WI	100.9	WRCO-FM-WI	107.9	W300EE-WI
1550	WEVR-WI	96.7	K244FM-WI	101.1	WIXX-WI		
		97.1	WGLQ-MI	101.5	WJNR-FM-MI		
			WCOW-FM-WI		WIBA-FM-WI		

Houston Texans 2022 (EE) Marc Vandermeer, John Harris, John McClain

Houston Texans 2022 (SS) *Enrique Vasquez, Gustavo Rangel

<https://www.gotknowhow.com/articles/listen-to-houston-texans-games-online-radio> (8/16/2022) by Doug K. Updated August 6, 2022

<https://www.houstontexans.com/podcasts/radio-networks> (8/19/2021)

DO NOT REPRODUCE

Indianapolis Colts 2022 Matt Taylor, Rick Venturi

<https://www.colts.com/audio/radio-affiliates> (8/16/2022) and e-mail 8/18

680	WHBE-KY	1480	WRSW-IN	94.5	WRZR-IN	100.9	WZUS-IN
860	WMRI-IN	1490	WDAN-IL	95.5	W238BH-IN		W265CY-IN
1090	WCRA-IL	1510	WJOT-IN	95.9	WEFM-IN	101.7	W269DJ-IN
1140	WAWK-IN			96.1	WQLK-IN	103.3	WAXL-IN
1330	WTRE-IN	92.1	WROI-IN		W241AD-IN	103.9	WIMC-IN
1340	WBIW-IN		WZDM-IN	96.7	WORX-FM-IN	105.7	WCJZ-IN
	WMUN-IN	92.5	W223CZ-IN	97.1	<u>WLHK-IN</u>		WHBE-FM-KY
1370	WGCL-IN	92.7	WZBD-IN	97.9	WSLM-FM-IN	105.9	WJOT-FM-IN
1380	WKJG-IN	93.5	WMXQ-IN	98.1	WIBN-IN	106.5	WWBL-IN
1440	WPGW-IN		<u>W228CX-IN</u>	98.5	WWVR-IL	107.3	WRZQ-FM-IN
1450	WXVW-IN	94.3	WREB-IN		WMYK-IN	107.5	WABX-IN
	WASK-IN	K	W232DV-IN				<u>W298BB-IN</u>

Jacksonville Jaguars 2022 (EE) Frank Frangie, Jeff Lageman, Tony Boselli, Bucky Brooks**Jacksonville Jaguars 2022 (SS)** ??

<https://www.jaguars.com/radioaffiliates> (8/10/2022)

660	WDYZ-FL	1560	WAHT-SC	97.3	<u>W247CP-FL</u>	S	105.5	W288CJ-FL
930	<u>WFXJ-FL</u>	S		97.5	W248DD-SC			WIFO-FM-GA
1010	<u>WJXL-FL</u>	92.5	<u>WJXL-FM-FL</u>	98.9	W255CV-FL			WCCP-FM-SC
1230	WAYX-GA	94.9	W235CW-FL	99.9	<u>WGNE-FM-FL</u>	106.1		WJZS-FL
1240	WFOY-FL	95.7	WHOG-FM-FL	100.7	WFLA-FL	106.3		WKBX-GA
1370	WLOP-GA	G	96.3	W242BF-FL	102.1	WFOY-FM-FL	107.7	WHFX-GA
1390	WAJD-FL		W242BE-GA	102.5	W273DU-FL	107.9		WRWN-SC
1550	WNZF-FL			103.1	WZLB-FL			

Kansas City Chiefs 2022 (EE) Mitch Holtus, Danan Hughes, *Josh Klingler**Kansas City Chiefs 2022 (SS)** Enrique "Kike" Morales, Oscar Monterroso, Hannah Bassham

<https://www.arrowheadpride.com/21428946/kansas-city-chiefs-radio-network-affiliates> (8/10/2022)

580	WIBW-KS	1380	KUVR-NE	94.7	K234CG-KS	101.7	KVOE-FM-KS
680	KFEQ-MO	1420	KJCK-KS	94.9	K235CA-IA		KHST-MO
690	KGGF-KS		KRLL-MO	95.1	KAMS-AR	102.3	KOZQ-FM-MO
740	KRMG-OK		KBTN-MO	95.5	KAAN-FM-MO		KRMG-FM-OK
780	WJAG-NE	1430	KKOZ-MO	96.3	KZDY-KS	102.9	KMMO-FM-MO
790	KXXX-KS		KRGI-NE	96.7	KBBE-KS	103.3	K277CA-NE
860	KKOW-KS	1450	KWBW-KS		KCMQ-MO	103.9	KOMB-KS
870	KAAN-MO		KYNT-SD	96.9	KFIX-KS	104.3	KVGB-FM-KS
910	KINA-KS	1530	KQNK-KS		K245CK-NE	104.5	K283CL-MO
950	KWOS-MO	1540	KMCP-KS	97.5	K258BF-MO	104.7	KKLH-MO
990	KRMO-MO		KLKC-KS		KPAK-OK	104.9	K285GL-KS
1120	KMOX-MO	1600	KMDO-KS	97.9	KICK-FM-MO		KXEA-MO
1210	KGYN-OK	1700	KBGG-IA	98.5	K253BP-KS	105.3	K287CM-MO
1220	KJAN-IA			98.7	KNSS-FM-KS		KINB-OK
1230	KTNC-NE	92.1	KMZA-KS	99.1	KSEK-FM-KS	105.5	K288HC-NE
1240	KFMO-MO		KKOZ-FM-MO		KDWD-MO	105.9	K290AT-NE
	KFOR-NE	92.3	KSDL-MO	99.3	K257GM-KS	106.3	K292HJ-KS
1280	KYRO-MO	92.7	KCON-AR		KCGQ-FM-MO	106.5	<u>WDAF-FM-MO</u>
1290	KMMM-KS		KSJQ-MO	99.9	KSKG-KS	106.7	KQNK-FM-KS
	KOIL-NE	93.3	K227CX-KS		KIRK-MO	107.1	K296HK-NE
1300	KMMO-MO	93.5	KLKC-FM-KS	100.1	KKWK-MO	107.3	KRTE-FM-MO
1330	KNSS-KS		KRMS-FM-MO	100.3	KRDQ-KS	107.9	K300DN-KS
1350	KMAN-KS	93.7	K229CW-KS	100.9	KCLY-KS		
1360	KSCJ-IA	94.5	K233CF-KS		KGBL-KS		
1370	KIOL-KS		KRXL-MO	101.1	K266AN-IA		

Las Vegas Raiders 2022 (EE) Jason Horowitz, Lincoln Kennedy**Las Vegas Raiders 2022 (SS)** *Anbrosio Rico, Fernando Arias

<https://www.raiders.com/multimedia/game-radio-broadcast-information> (8/10/2022)

More information to come as it becomes available.

DO NOT REPRODUCE

Los Angeles Chargers 2022 (EE) *Matt "Monkey" Smith, Daniel Jeremiah, Shannon Farren
<https://www.gotknowhow.com/articles/listen-to-los-angeles-chargers-radio-online> (8/15/2022) by

Doug K. Updated August 11, 2022

570	<u>KLAC-CA</u>		910	KMPS-CA	94.3	K232CX-CA	101.5	KGB-FM-CA
610	KAVL-CA	B	1250	KNWH-CA	98.7	<u>KYSR-CA</u>	103.7	K279CO-CA
630	KPLY-NV	C	1340	KKGK-NV	101.3	KATY-FM-CA	107.5	KXO-FM-CA H
640	<u>KFI-CA</u>		1360	KLSD-CA				B
800	KBFP-CA		1400	KRZR-CA				

Los Angeles Chargers 2022 (SS) Francisco Pinto, Adrian Garcia Marquez
<https://www.gotknowhow.com/articles/listen-to-los-angeles-chargers-radio-online> (8/15/2022) by

Doug K. Updated August 11, 2022

1370	XEHG-MX		89.1	XHEPF-MX	94.3	<u>KBUA-CA</u>	105.5	<u>KBUE-CA</u>
1420	XEXX-MX							

Los Angeles Rams 2022 (EE) J.B. Long, Maurice Jones-Drew, D'Marco Farr

Los Angeles Rams 2022 (SS) Troy Santiago, Ricardo Lopez

<https://www.therams.com/news/raiders-at-rams-how-to-watch-082121> (8/10/2022)

590	KTIE-CA		1240	KSMA-CA	1490	KMET-CA	93.1	<u>KCBS-FM-CA</u>
610	KAVL-CA	B	1360	KLSD-CA			99.5	K258CY-CA
710	<u>KSPN-CA</u>		1390	<u>KLTX-CA</u>	S	92.7	KKUU-CA	106.7
								K294DA-CA

Miami Dolphins 2022 (EE) Steve Goldstein, Jason Taylor, Kim Bokamper

<https://www.miamidolphins.com/fans/broadcast> (8/16/2022) - Same as last year

560	<u>WQAM-FL</u>		1590	WPSL-FL	L	96.1	WRXK-FM-FL	106.3	WUUB-FL
580	WDBO-FL		1600	WKWF-FL		99.9	<u>WKIS-FL</u>		

Miami Dolphins 2022 (SS) Roly Martin, Eduardo Martell

<https://www.miamidolphins.com/fans/broadcast> (8/16/2022) - Same as last year

760	WEFL-FL	O	1140	<u>WQBA-FL</u>	O			
-----	---------	---	------	----------------	---	--	--	--

Minnesota Vikings 2022 Paul Allen, Pete Bercich, Ben Leber

<https://www.vikings.com/audio/radio-network> (8/11/2022)

550	KFYR-ND		1250	KBRF-MN	1460	KLTC-ND	100.3	<u>KFXN-FM-MN</u>
570	WNAX-SD			KCUE-MN	1490	KOVC-ND	100.7	KIKV-FM-MN
650	WNMT-MN		1260	KROX-MN	1600	KDAK-ND		KMLO-SD
660	KEYZ-ND		1270	KFAN-MN			100.9	WCMP-FM-MN
730	KWOA-MN		1310	KGLB-MN	92.1	WWPE-FM-MN	101.1	WHSM-FM-WI
790	KFGO-ND		1340	KDLM-MN	92.5	KKWQ-MN	101.7	KRCH-MN
880	WMEQ-WI			KRBT-MN	93.3	KBLB-MN	101.9	KRWK-ND
1130	KTLK-MN			KWLM-MN	94.1	KXLP-MN	102.9	KBWS-FM-SD
1170	KFOW-MN		1380	KLIZ-MN	94.3	KKIN-FM-MN	104.1	KSDM-MN
1190	WBHA-MN			KHWK-MN	96.1	KQPR-MN		KBOT-MN
1230	KFSP-MN		1390	KXXS-MN	96.9	KMFY-MN	105.1	KARL-MN
	KWSN-SD			KRRZ-ND	98.1	KBEW-FM-MN	105.5	KMOM-SD
1240	WJON-MN		1440	KKXL-ND	98.3	KQYB-MN	105.7	KUXX-MN
	KDLR-ND		1450	KBUN-MN	99.1	WKFX-WI	105.9	KKWS-MN
				WELY-MN			106.3	KPHR-MN

New England Patriots 2022 Bob Socci, Scott Zolak, Marc Bertrand, Chris Gasper

<https://www.gotknowhow.com/articles/listen-to-new-england-patriots-games-live-online-radio>

(8/11/2022) Doug K. Updated July 20, 2022

Differs from <https://www.patriots.com/audio/game-broadcast-info> (8/11/2022)

DO NOT REPRODUCE.



New Orleans Saints 2022 (EE) Mike Hoss, Deuce McAllister, Steve Geller, Bobby Hebert, Kristian Garic

New Orleans Saints 2022 (SS) Mario Jerez, Juan Carlos Ramos, Victor Quiñonez

<https://www.neworleanssaints.com/news/broadcasting> (8/11/2022)

540	KMLB-LA	1450	WBSR-FL	95.3	KQKI-FM-LA	102.1	WALT-FM-MS
620	WJDX-MS		WCJU-MS	96.5	WBBL-MS	102.7	KWLT-AR
790	WPNN-FL	1470	KLCL-LA	96.9	KZMZ-LA		W274CB-MS
830	KGLA-LA	*S 1490	KJIN-LA	97.3	KMDL-LA	103.7	W279CY-FL
870	WWL-LA	*		98.1	WDGL-LA	105.1	WJDX-FM-MS
910	WMOG-MS	92.1	KLIL-LA		WMXI-MS	105.3	<u>WWL-FM-LA</u>
920	WBOX-LA	92.5	KVPI-FM-LA		KTAL-FM-TX	105.5	WNSP-AL
1290	KJEF-LA	92.9	WBOX-FM-LA	98.3	WJDR-MS	105.7	<u>K289AM-LA</u> S
1420	KPEL-LA	94.1	KRLQ-LA	99.5	KNGT-LA	106.9	WRBE-MS
		95.1	WQNZ-MS	100.7	WDMS-MS		

New York Giants 2022 (EE) Bob Papa, Carl Banks, Howard Cross, Bruce Beck

New York Giants 2022 (SS) *Nestor Rosario, Francis Adames

<https://www.gotknowhow.com/articles/listen-to-ny-giants-games-online-nfl-radio> (8/16/2022) by

Doug K. Updated August 12, 2022

<https://www.giants.com/broadcastinfo> (8/24/2021)

DO NOT REPRODUCE

New York Jets 2022 (EE) Bob Wischusen, Marty Lyons, Gregg Buttle, Dan Graca

New York Jets 2022 (SS) Clemson Smith Muñiz

<https://www.newyorkjets.com/news/ways-to-watch-and-listen-jets-at-eagles-2022-preseason-game>

(8/18/2022)

1280	<u>WADO-NY</u>	*P	98.7	<u>WEPN-FM-NY</u>	104.5	WTMM-FM-NY	107.3	WNBL-NY
	WHTK-NY	M						

Philadelphia Eagles 2022 (EE) Merrill Reese, Mike Quick

Philadelphia Eagles 2022 (SS)

<https://www.gotknowhow.com/articles/listen-to-philadelphia-eagles-games-and-stream-live-online-radio>

(8/11/2022) by Doug K. Updated July 27, 2022

630	WEJL-PA	1470	WSAN-PA	S	96.1	WCTO-PA	101.3	W267BP-NJ	S
830	WEEU-PA	1490	WBCB-PA			WSOX-PA	101.7	WDEL-FM-NJ	
1020	WWAC-NJ	S				W241BB-PA	105.7	<u>W289AZ-NJ</u>	S
1240	WFUZ-PA	93.3	WBZD-FM-PA	97.3	WENJ-NJ	107.3	WEGH-PA		
1360	WPPA-PA	94.1	<u>WIP-FM-PA</u>	97.7	WAFL-DE				

Pittsburgh Steelers 2022 Bill Hillgrove, Craig Wolfey, Max Starks

<https://www.steelers.com/audio/steelers-radio-network/> (8/11/2022)

590	WMBS-PA	1390	WNIO-OH	92.3	WXCR-WV	100.3	W262CU-PA
630	WJAW-WV	1410	WHAG-MD	92.7	WCCR-FM-PA	100.5	WJFN-FM-VA
680	WISR-PA	1450	WFRA-PA	92.9	W225CW-WV	100.9	WVLY-FM-PA
740	WJFP-PA		WDAD-PA	94.3	WQCM-PA	101.3	WKFT-PA
	WRNR-WV	E	WQWK-PA		WRLF-WV	102.1	WIFT-PA
800	WCHA-PA		WJPA-PA	95.1	WYLE-PA	103.3	W277DL-PA
990	WNTI-PA	1490	WNTJ-PA	98.9	WTOH-OH	104.3	WNAE-PA
1160	WCCS-PA		WMGW-PA	99.1	WRKW-PA	104.9	WRKT-PA
1230	WTIV-PA	1690	WMLB-GA	99.5	WBUS-PA	106.1	WRQE-MD
				100.1	WDMX-WV	107.5	WEGW-WV

San Francisco '49ers 2022 (EE) Bob Fitzgerald, Keena Turner, Donte Whitner

<https://www.gotknowhow.com/articles/listen-to-san-francisco-49ers-games-stream-live-online-radio>

(8/11/2022) by Doug K. July 27, 2022

630	KPLY-NV	C	1110	KAOI-HI	F	1460	KION-CA	95.3	KURY-FM-OR
670	KPUA-HI		1230	KPRL-CA	F	1490	KRKC-CA	95.7	KBOY-FM-OR
	KMZQ-NV	D	1320	KIFM-CA			KBLF-CA	96.1	KKXS-CA
680	<u>KNBR-CA</u>		1340	KATA-CA		1500	KHKA-HI	96.7	K244AH-CA
810	KGO-CA		1360	KUIK-OR				100.7	KTHU-CA
830	KNCO-CA		1400	KKJL-CA		92.7	KUNK-CA	104.5	<u>KNBR-FM-CA</u>
970	KESP-CA		1430	KFIG-CA		93.3	KJDX-CA	107.7	KSAN-CA

San Francisco '49ers (SS) Jesús Zárate, Carlos Yustis

<https://www.gotknowhow.com/articles/listen-to-san-francisco-49ers-games-stream-live-online-radio> (8/11/2022) by Doug K. July 27, 2022

860 KTRB-CA 990 KATD-CA 1010 KIQI-CA

Seattle Seahawks 2022 Steve Raible, Dave Wyman, Jen Mueller

<https://www.seahawks.com/game-day/broadcasting/radio/> (8/11/2022) (unlinked)

560	KPQ-WA	1230	KIFW-AK	93.5	KOZI-FM-WA	99.9	K260DH-WA
580	KTMT-OR	1240	KOFE-ID	94.5	KHTQ-ID	100.7	K264DF-OR
610	KONA-WA		KXLE-WA		K233CJ-WA	100.9	K265AX-WA
	CHNL-BC	1270	KEDO-WA		KATS-WA	101.3	K267CT-WA
660	KAPS-WA	1280	KIT-WA	94.9	K235DA-AK	101.7	K269FX-WA
670	KBOI-ID	1410	CFTE-BC	95.3	KKBC-FM-OR	102.1	KTMB-AK
700	KBYR-AK	1420	KUJ-WA		K237FR-WA		K271AH-WA
710	<u>KIRO-WA</u>	1430	KCLK-WA	95.7	KRCO-FM-OR	102.3	KCRX-FM-OR
800	KINY-AK	1440	KODL-OR	95.9	KHNK-MT	102.9	K275BS-MT
840	KMAX-WA	1450	KLAM-AK	96.7	KBDB-FM-WA	103.1	K276CY-WA
920	KSRM-AK	1470	KBSN-WA	97.3	KIRO-FM-WA	103.3	K277CZ-WA
930	KTKN-AK	1580	KGAL-OR	97.5	K248AI-AK	104.3	KMNT-WA
990	KIKI-HI			97.9	K250BW-WA	104.7	KDUX-FM-WA
1030	KMAS-WA	92.1	KCRK-FM-WA	98.5	KEYG-FM-WA	105.9	KRJT-OR
1080	KFXX-OR	92.3	KGON-OR	98.7	K254BA-AK	107.3	K297BZ-WA
1170	KPUG-WA	92.7	KNCW-WA	99.1	K256AC-OR		

Tampa Bay Buccaneers 2022 (EE) Gary Deckerhoff, Dave Moore, T. J. Rives

Tampa Bay Buccaneers 2022 (SS) Carlos Bohorquez, Martin Gramatica

<https://static.clubs.nfl.com/image/upload/buccaneers/kxbor3lmp0hnevzuep> p. 530 (8/11/2022)

740	WYGM-FL	1450	WWJB-FL	93.3	WVFT-FL		W251CG-FL
770	WBCN-FL		WBSR-FL	95.3	WXCV-FL	101.1	W266AL-FL
850	WRUF-FL		WSTU-FL	96.7	W244BJ-FL		WYOO-FL
1050	WJCM-FL	1590	WPSL-FL	96.9	W245CL-FL	104.3	W282BY-FL
1060	WIXC-FL			97.9	WXTB-FL	105.5	W288DZ-FL
1430	WLKF-FL	93.1	WKRO-FM-FL	98.1	W251AL-FL	106.3	W292FP-FL

Tennessee Titans 2022 Mike Keith, Dave McGinnis, Rhett Bryan, Amie Wells

<https://www.tennesseetitans.com/audio/titans-radio/titans-radio-affiliates> (8/11/2022)

540	WKFN-TN	1290	WCBL-KY	94.3	WJJM-FM-TN	103.9	W280BA-AL
640	WXSM-TN	1320	WMSR-TN	94.5	WJOX-FM-AL	104.1	WCLE-FM-TN
730	WUMP-AL	1340	WCDT-TN	95.9	WRJB-TN		W281BT-TN
770	WVNN-AL	1400	WZNG-TN	96.5	W243CU-KY	104.5	<u>WGFX-TN</u>
860	WSON-KY	1420	WVJS-KY	97.7	WREF-TN	105.3	WPTQ-KY
950	WAKM-TN	1480	WJTW-AL	98.7	WOKI-TN	105.5	WYTM-FM-TN
1050	WWIC-AL	1490	WCOR-TN	98.9	WANT-TN	105.7	W289BQ-TN
1060	WQMV-TN	1560	WPAD-KY	99.5	W258AN-KY		WQAK-TN
1150	WGOW-TN			100.9	W265EE-TN	106.5	WKDZ-FM-KY
1260	WDKN-TN	92.5	WVNN-FM-AL	101.9	W270DI-KY	106.9	WKXD-FM-TN
1270	WAIN-KY	92.9	W225CL-KY	102.3	WGOW-FM-TN	107.3	WQLT-FM-AL
1280	WMCP-TN	93.5	W228DG-TN	103.1	WIKQ-TN	107.9	W300BL-TN

Washington Commanders 2022 Bram Weinstein, London Fletcher, Julie Donaldson

<https://www.commanders.com/news/radio-network> (8/11/2022)

550	WSVA-VA	970	WKCY-VA	93.5	W228AM-MD	101.1	W266DC-NC
580	WLVA-VA	980	WTEM-DC	94.9	WKHI-MD	102.1	W271CX-DE
630	WSBN-DC	1050	WBRG-VA	95.9	WGRQ-VA	104.5	W283DA-VA
740	WRNR-WV	1270	WCBC-MD	96.5	W243DJ-VA	105.5	WRAR-FM-VA
850	WTAR-VA	1450	WTHU-MD	99.1	WXGM-FM-VA	105.9	WMAL-FM-VA
900	WKDW-VA		WGNC-NC	99.3	WFQX-VA	106.5	W293AM-WV
930	WNCL-DE	1490	WWNB-NC	99.5	W258DC-VA	107.3	W297BC-VA
950	WXGI-VA			100.3	<u>WBIG-FM-DC</u>		
960	WFIR-VA	92.1	W221CF-VA	100.5	W263CR-MD		

National Broadcasts (EE)

<https://westwoodonesports.com/stations/>

The list of NFL football stations is not yet online.

National Broadcasts (SS)

<https://entravision.com/nfl/> (8/18/2022)

760	WEFL-FL	O	1600	KTUB-UT	96.3	WXNY-FM-NY	103.1	KDLD-CA
1010	KLAT-TX				97.1	KTSE-FM-CA	103.5	KPST-FM-CA
1140	WQBA-FL	O	87.9	KFLZ-LP-TX	98.3	WRTO-FM-FL j	104.3	KXSE-CA
1200	WRTO-IL		92.1	KJMN-CO	101.1	KNVO-FM-TX	105.1	WOJO-IL
1270	KFLC-TX		92.7	KRRN-AZ	102.1	KRNV-FM-NV	107.1	KVVA-FM-AZ i
1280	WADO-NY	P	92.9	KROM-TX	102.3	K272EK-TX		KSES-FM-CA
1450	KRZY-NM		93.9	KINT-FM-TX		KDUT-UT		KPVW-CO
1460	KBZO-TX		94.5	KSEH-CA	102.9	KLTN-TX	107.5	WAMR-FM-FL j

* Announcers from a previous season

a The Cardinals' list has "KDOL/KQNA 94.3 FM Prescott Valley". 94.3 in Prescott Valley is KDDL. KQNA is 1130 and has two low-power transmitters at 95.5 and 99.9 .

b The Cardinals' list has "KWRK/KCAZ 96.1 FM Window Rock". KWRK is 96.1; KCAZ is 99.5.

c Conflict flagship

d [RESERVED]

e Detroit Lions Broadcasts move when there is a conflict with the Detroit Tigers:

Ann-Arbor 1050 WTKA-MI --> 1290 WLBY-MI

Hillsdale 92.1 WCSR-MI --> 1340 WCSR-MI

Holland 99.7 WHTC-MI --> 92.7 WYVN-MI

Holland 1430 WHTC-MI --> 92.7 WYVN-MI

Port-Huron 1380 WPHM-MI --> 105.5 WHLS-MI

Port-Huron 1380 WPHM-MI --> 1450 WHLS-MI

f The Texans' list has "Brenham, TX 1280 AM KWHI / KTEX". 1280 is KWHI; KTEX is 100.3 .

g The Texans' list has "Henderson, TX 1460 AM KWARD - AM". KWRD is 1470.

h RESERVED

i The Entravision list has "AZ Phoenix KVVA/KDVA 107.1 SUAVECITA" KDVA is 106.9.

j The Entravision list has "MIAMI WAMR / WRTO TUDN". radio-locator.com has WRTO as both 1200 Chicago, IL and 98.3 Goulds, FL.

A Carolina Panthers and Washington Commanders

B Los Angeles Chargers and Los Angeles Rams

C Los Angeles Chargers and San Francisco 49ers

D Denver Broncos and San Francisco 49ers

E Washington Commanders and Pittsburgh Steelers

F Las Vegas Raiders and San Francisco 49ers

G Atlanta falcons and Jacksonville Jaguars

H Las Vegas Raiders and Los Angeles Chargers

I Buffalo Bills and New York Giants

J Baltimore Ravens and Washington Commanders

K Chicago Bears and Indianapolis Colts

L Miami Dolphins and Tampa Bay Buccaneers

M New England Patriots and New York Jets

N RESERVED

O Entravision and Miami Dolphins (SS)

P Entravision and NY Jets (SS)



**RENEW YOUR
MEMBERSHIP**



MEMBERSHIP RENEWALS

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

GRAVEYARD DX UPDATE

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

1240 kHz

Station	State	City	DXer	DX Location	Miles
KNEM	MO	Nevada	Wayne Heinen	Aurora, CO	573

1400 kHz

Station	State	City	DXer	DX Location	Miles
WRAK	PA	Williamsport	John Sampson	Freehold, NJ	160
WHCQ	SC	Spartanburg	John Sampson	Winston-Salem, NJ	122

1490 kHz

Station	State	City	DXer	DX Location	Miles
WOSH	WI	Oshkosh	John Sampson	Freehold, NJ	774

Total Stations Heard

DXer	DX Location	1230	1240	1340	1400	1450	1490	Total
Jim Weber - Oyster Point, PA		5	9	8	8	7	7	44

From the Archives

75 Years Ago: From the September 6, 1947 issue of *DX News*: Joe Becker, Sr. of Hamilton, Ohio was elected NRC President during the convention in Buffalo. Thomas F. Carberry, Jr. was appointed contest manager for the annual contest to begin on October 1, with the rules to be announced.

50 Years Ago: From the August 29, 1972 issue of *DX News*: Among three new NRC members this issue is Mark Connelly of Arlington, Mass. The FCC rejected a request to allow graveyard channel stations to increase from 250 to 1,000 watts at night. Ernest Behr reviewed the new SPR-4 communications receiver.

25 Years Ago: From the August 18, 1997 issue of *DX News*: Bob Harrison provided a history of the AM stations broadcasting in the Ventura-Santa Barbara, California area.

10 Years Ago: From the August 13, 2012 issue of *DX News*: The remaining copies of the late Bruce Elving's *FM Atlas* were available through the NRC Publication Center. Several stations received hefty fines from the FCC for failing to have a secure fence around their towers.

All *DX News* back issues through Volume 87 are available online at <https://nationalradioclub.org/dx-news-archives/>.

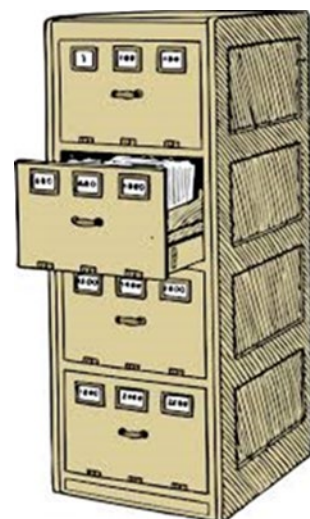
Visit the NRC Publication Center

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

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



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



The National Radio Club

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

NRC Board of Directors: Marc DeLorenzo <midcapemarc@aol.com> - 37 Chadwick Road, South Dennis, MA 02660-2715; Bill Hale <w_r_hale@sbcglobal.net> - 6124 Roaring Springs Drive, North Richland Hills, TX 76180-5552; Wayne Heinen, Chairman <sales@nationalradioclub.org> - 4131 S. Andes Way, Aurora, CO 80013-3831; Bill Swiger <ridgeradio@cebridge.net> - 94 Casey Lane, Bridgeport, WV 26330-9454; Dick Truax, Treasurer <K9RT@aol.com> - P. O. Box 39451, Louisville, KY 40233-9451.

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

Subscriptions and Renewals: NRC members may choose to receive our print publication (*DX News*), e-DXN (a .pdf version of *DX News* delivered via e-mail), or both.

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

For e-DXN: Annual registration: \$5.00 for subscribers to DXN; \$15.00 for an e-DXN-only membership. Be sure to provide an email address where e-DXN can be sent.

We participate in the IRCA e-mail list; to subscribe send an e-mail request to IRCA+subscribe@groups.io.

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

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

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

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

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

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

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



DX News is printed by
Peak Printing, Inc.

716 S. 9th Street, Cañon City CO 81212

(719) 275-2136 info@peakprintingonline.com

All your printing needs – including SWL and Amateur QSL Cards

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

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