

DX News

Serving DXers since 1933



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NRC AM Log #40



The National Radio Club's

AM Radio Log

A listing of U.S. and Canadian AM Broadcasting Stations
With Revised Cross-references

The 36th Edition for 2016-2017

Over the years we have dedicated each edition of the *AM Radio Log* to a club member, *Log* contributor, or fellow traveler who has served our radio hobby. This year, I want to dedicate the 40th edition of the *AM Radio Log* to an editor who has served the club in an editorial capacity since Volume 74 Issue One. It is the longtime editors that make our *DX News* magazine a solid and consistent publication. Beginning his 13th year with Volume 87 is Domestic DX Digest-East Editor Mike Brooker. Thank you, Mike, for your many years of editing the DDXD-East column. – Wayne Heinen, *Log* Editor.

For mailing in the United States, the price is \$28.95 for NRC/IRCA members and \$35.95 for nonmembers. To Canada is US\$41.15 and overseas US\$52.65. Order using PayPal at www.nationalradioclub.org or by snail mail

check or money order to NRC HQ, PO Box 473251, Aurora CO 80047-3251."

From the Publisher: Well, that's a wrap for another volume of *DX News*. We'll be back with our every two-week schedule 14 days from now.

The IRCA Convention took place last weekend with 27 DXers in attendance. Gary DeBock's program on ferrite antennas is reprinted in this issue. In addition, the latest edition of IRCA's Mexican log is available – see page 11 for details.

See y'all in two weeks! 73, David

Membership Report

New Members: Welcome to James Barbre, Tucson, AZ; Gary Biasini, Fountain Hills, AZ; Göte Lindström, Tenhult, Sweden; Kirk P. Patterson, Lafayette, CA; Peter Ryder, Fairhaven, MA; David Smith, Huddersfield, West Yorkshire, England; and Jeff Thomas, Dry Ridge, KY.

Renewing Members: Thanks for the ongoing support of Donald A. Boyer; Phil Bytheway; John Callarman KA9SPA; Fernando Cano; Paul Conneely; W.C. Cornwall; Gary DeBock; Bill Dvorak; Albert Earnhardt; Russell J. Edmunds WB2BJH; Louis Ford; Adam Grose; Daniel Haggett; James J. Nahirniak; Henry Mensch; James Niven; Christoph Ratzler; Richard M. Ray; Anthony Rogers; Robert P. Smolarek; Randy Stewart KA0RNF; Jussi Suokas; Paul B. Thomas Jr.; John Tow; John Varljen; and Richard Zunica.

Volume 86-87 DXN Schedule

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

Publishers' deadline (first column) is always Sunday night 2400 ELT; masthead date (second column) is Tuesday of the following week.

AM Switch

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Canadian info – Compiled by Shawn Axelrod and Dan Sys

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

FCC and CRTC Decisions and Applications

CALL CHANGES

- 660 WORL FL **Altamonte Springs** – Call change to WDYZ (Aug. 19).
WLFJ SC **Greenville** – Call change to WESC (Aug. 13; had these calls until 2000).
930 WTOU MI **Battle Creek** – Call change to WFAT (Sept. 9).
950 WDYZ FL **Orlando** – Call change to WORL (Aug. 19).
1250 KPZK AR **Little Rock** – Call change to KFOG (Sept. 6).
1300 KLLS TX **Lumberton** – Call change to KHTW (Sept. 7; station is silent).
1380 WCBG PA **Waynesboro** – Call change to WLIN (Aug. 12).
1400 WVWB TN **Clarksville** – Call change to WWNZ (Aug. 13).
1480 WDXW AL **Bridgeport** – Call change to WJTW (Sept. 2).
1560 WNWN MI **Portage** – Call change to WTOU (Sept. 9).

STATIONS GOING DARK

Licenses cancelled, calls deleted:

- 1140 WMMG KY **Brandenburg** – License cancelled by FCC; silent since Feb. 2, 2018.
1330 WSPQ NY **Springville** – License cancelled by FCC; silent since Jan. 1, 2018.
1560 WMRO TN **Gallatin** – License voluntarily surrendered by licensee and cancelled.

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 1010 KIQI CA **San Francisco** – CP for U4 10000/10000, adjust coordinates to 37-49-34/122-18-41, is on the air.
1040 KLHT HI **Honolulu** – CP for new tower at 21-20-06/157-53-37 is on the air.
1380 WSYB VT **Rutland** – CP for U1 5000/25, corrected coordinates 43-35-30/72-59-26, is on the air.
1500 KHKA HI **Honolulu** – CP for new tower at 21-20-06/157-53-37 is on the air.

CPs granted:

- 770 WEW MO **St. Louis** – Granted CP for U4 10000/200, new site 38-38-33/90-01-50; replaced prior CP which has expired.
1240 KELK NV **Elko** – Granted CP for new site at 40-51-56/115-43-09.
KRAL WY **Rawlins** – Granted CP for U1 890/890, new site 41-47-03/107-15-46.
1340 WTYS FL **Marianna** – Granted CP for U1 780/780, adjust coordinates to 30-45-48/85-13-52.
1370 WLTH IN **Gary** – Granted CP for U1 1000/9, all from licensed day site.
1510 KSPA CA **Ontario** – Granted CP for U4 10000/6000.
1530 WCKG IL **Elmhurst** – Granted CP for D3 4000, current site.
1590 WRXB FL **St. Pete Beach** – Granted CP for U1 9800/160, CoL to Palm River-Clair Mel FL, new site (diplexed with WQBN-1300) 27-56-52/82-23-47.

Applications for CP filed:

- 720 WHYF PA **Shiremanstown** – Applies for D1 2000, new site 40-03-51/77-03-04.
990 WWKY KY **Winchester** – Applies for U1 1000/20, existing site.
1340 KCLU CA **Santa Barbara** – Applies for U1 740/700 with reduced tower height; coordinates to 34-25-08/119-41-10.
1370 WGIV NC **Pineville** – Applies for U1 5000/67, new site 35-13-04/80-53-36.
1460 KARR WA **Kirkland** – Applies for U1 740/19, new site 47-41-47/122-09-51.
1490 KOSJ CA **Santa Barbara** – Applies for U1 1000/940 with reduced tower height, adjusted coordinates 34-25-08/119-41-10.
1580 WNTF FL **Bithlo** – Applies for U1 4700/10, adjust coordinates to 28-32-12/81-05-08.



Amendment to pending application filed:

720 KDWN NV Las Vegas – Has pending application for U2 25000/7000 from a new site (diplexed with KXST-1140), amends to U2 25000/7500 and corrects coordinates to 36-16-04/115-02-42.

Applications for CP dismissed:

1440 KPUR TX Amarillo – Application for U2 1000/1000 dismissed; remains U2 5000/1000.
 1470 WNWF AL Evergreen – Application dismissed to “correct coordinates” to 31-06-35/87-03-36 (which is the licensed site for WEBJ-1240 Brewton AL, about 25 miles south of Evergreen), as such a move would require more documentation than a mere coordinate correction.

CPs expired and deleted:

720 WHYF PA Shiremanstown – CP for D1 3900, diplexed with new station CP WXPB-850 at 40-18-12/76-57-14 has expired and has been deleted; see APP above.
 1340 KDTD KS Kansas City – CP for U1 950/910, diplexed with KCZZ-1480 at 39-04-06/94-42-14 has expired and has been deleted.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

630 WNEG GA Toccoa – Granted STA, reduced day power (using U1 2500/44), tower problems preventing full power operation.
 790 WSVG VA Mount Jackson – Granted STA with U1 500/40, transmitter failure.
 830 WCRN MA Worcester – Granted STA, U4 18900/50000, night pattern 24 hours, lightning damage to antenna pattern controller.
 850 KHLO HI Hilo – Granted STA with reduced power (using U1 1700/1700); transmitter problems.
 970 WFUN OH Ashtabula – Granted STA, parameters at variance, repairs to ground system.
 1040 WHBO FL Pinellas Park – Granted STA, D1 400 from 220' LW at 28-00-43/82-29-52; CP to diplex with WWBA-820 (CoL to Largo FL) is proving difficult to stabilize and licensee is rethinking proposed move.
 1090 WTSB NC Selma – Granted STA, D1 2000 (ch 1700), transmitter failure.
 1170 WFPB MA Orleans – Granted STA, D1 25, temporary whip antenna at 41-44-51/69-58-31.
 1230 WJOI VA Norfolk – Granted STA, U1 157/157, temporary whip antenna during tower replacement.
 1270 WLBR PA Lebanon – Granted STA with U4 2500/1000, backup transmitter.
 1410 WING OH Dayton – Granted STA, U1 1250/1250, lightning damage.
 1480 WTOX VA Glen Allen – Granted STA, U1 1570/375, lost one tower in storm.

Applications for STA filed:

630 KFXD ID Boise – Applies for STA to test new “Enhanced AMC” MDCL mode (up to 150% of power at low modulation) during daytime for one week starting Sept. 15.
 1220 KOKK SD Huron – Applies for STA, parameters at variance, pattern problems.
 1480 WYZE GA Atlanta – Applies for STA, U1 10/10 from temporary antenna at 33-42-16/84-22-40.
 1540 KASA AZ Phoenix – Applies for STA, reduced power to be determined, 100' LW at 33-22-33/112-05-17; will soon lose licensed site.



Extensions to existing STAs granted:

550 KTRS MO Saint Louis – Granted STA extension, U1 5000/1250.
 640 WMEN FL Royal Palm Beach – Granted STA extension, U4 25000/4500, Cuba QRM.
 850 WKGE PA Johnstown – Granted STA extension, U1 2500/2500.
 880 KLRG AR Sheridan – Granted STA extension, D1 850.
 980 WAAV NC Leland – Granted STA extension, U1 5000/1250.
 990 KZZB TX Beaumont – Granted STA extension, U1 250/250.
 1030 WOSO PR San Juan – Granted STA extension, D1 300, folded unipole, 18-26-55/66-04-37.
 1050 KTCT CA San Mateo – Granted STA extension, U4 50000/35000 (Mexico QRM).
 1110 WPMZ RI East Providence – Granted STA extension, D3 reduced power or D1 1250.
 1150 KAGO OR Klamath Falls – Granted STA extension, U1 5000/250.
 1200 WGDL PR Lares – Granted STA extension, U1 1000/1000.

1250	WARE	MA	Ware	– Granted STA extension, parameters at variance.
	WGAM	NH	Manchester	– Granted STA extension, parameters at variance.
1260	WPNW	MI	Zeeland	– Granted STA extension, U1 1000/250.
	KRUY	NM	Ruidoso	– Granted STA extension, U1 201/201.
1330	WBGW	IN	Evansville	– Granted STA extension, U1 5000/250.
	WINT	OH	Willoughby	– Granted STA ext., U1 125/11 or experimental antenna.
1340	WMDR	ME	Augusta	– Granted STA extension, reduced power (using U1 180/180).
	KBNW	OR	Bend	– Granted STA extension, 100' LW at 44-03-32/121-17-57.
	KSGT	WY	Jackson	– Granted STA extension, reduced power (unspecified).
1350	WOYK	PA	York	– Granted STA extension, U1 5000/250.
1360	KWDJ	CA	Ridgecrest	– Granted STA ext., reduced day power (using U1 250/31).
1370	WCOA	FL	Pensacola	– Granted STA extension, U3 2000/2000 (night pattern 24h).
	WLTH	IN	Gary	– Granted STA extension, U1 1000/9 from licensed day site (per CP).
1390	WROA	MS	Gulfport	– Granted STA extension, parameters at variance.
1410	WELM	NY	Elmira	– Granted STA extension, U1 5000/250.
1440	WWCL	FL	Lehigh Acres	– Granted STA extension, U4 4700/4700 (Cuban QRM).
1450	KQTE	CA	Helendale	– Granted STA ext., U1 50/50, 170' LW at 34-45-54/117-14-49.
	KJCV	WY	Jackson	– Granted STA extension, parameters at variance.
1470	KUTY	CA	Palmdale	– Granted STA extension, U1 1250/1250.
	WTTR	MD	Westminster	– Granted STA extension, U1 535/35 as in CP.
1480	KPHX	AZ	Phoenix	– Granted STA extension, U1 250/25, 31m dropwire antenna at KSUN-1400 tower site.
1450	KIKR	TX	Beaumont	– Granted STA extension, reduced power (using U1 600/600).
1540	KZMP	TX	University Park	– Granted STA ext., reduced night power (unspecified).
1550	WUSP	NY	Utica	– Granted STA extension, reduced day power (U1 175/3 or higher).
1580	WPJK	SC	Orangeburg	– Granted STA extension, D1 500 using CP tower.
1600	WEHH	NY	Elmira Heights-Horseheads	– Granted STA extension, parameters at variance or U5 5000/42.5.

Applications to extend existing STAs filed:

580	WKAQ	PR	San Juan	– Applies to extend STA, U1 10000/4500.
600	KGEZ	MT	Kalispell	– Applies to extend STA, U1 1250/250.
670	KPUA	HI	Hilo	– Applies to extend STA, reduced power (using U1 1000/1000).
750	WBMD	MD	Baltimore	– Applies to extend STA, D1 250 from WFSI-860 tower.
870	KAAN	MO	Bethany	– Applies to extend STA, reduced power (unspecified).
980	KTCR	WA	Selah	– Applies to extend STA, U1 1000/125 from KRSE-105.7 tower.
1080	WKJK	KY	Louisville	– Applies to extend STA, parameters at variance.
1150	WJEM	GA	Valdosta	– Applies to extend STA, U1 1000/23.
	KGDD	OR	Portland	– Applies to extend STA, U1 10/10, whip at 45-31-09/122-36-32.
	KKDZ	WA	Seattle	– Applies to extend STA, U1 5000/1250, licensed day site.
1290	KAZA	CA	Gilroy	– Applies to extend STA, U1 1250/20 from KZSJ-1120 tower.
1300	WTIL	PR	Mayagüez	– Applies to extend STA, from CP site but with U1 1000/1000.
1310	WAUC	FL	Wauchula	– Applies to extend STA, U1 1250/125.
1320	WOBL	OH	Oberlin	– Applies to extend STA, parameters at variance.
1390	KBBO	WA	Yakima	– Applies to extend STA, parameters at variance.
1460	WBRN	MI	Big Rapids	– Applies to extend STA, U1 1000/100.
1520	KOKC	OK	Oklahoma City	– Applies to extend STA, U1 10000/10000 at 35-20-01/97-30-18.
1540	KXPA	WA	Bellevue	– Applies to extend STA, U1 5000/1250.
1590	WFTH	VA	Richmond	– Applies to extend STA, reduced tower height.

SILENT STATIONS

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

580	KANA	MT	Anaconda	– Silent Aug. 29 (2018); back on the air Aug. 14.
850	KHLO	HI	Hilo	– Silent Aug. 20 (2018); back on the air with STA Aug. 8.
1220	KGIR	MO	Cape Girardeau	– Silent June 17; on the air Aug. 16.
1300	KROP	CA	Brawley	– Silent Aug. 27 (2018); on the air Aug. 20.
1450	KLMX	NM	Clayton	– Silent Nov. 10 (2018); back on the air Aug. 21.
1520	KQQB	TX	Stockdale	– Silent Dec. 27 (2018); on the air Aug. 1.
1550	KMRI	UT	West Valley City	– Silent Apr. 15; on the air July 27.

Stations informing the FCC that they are silent:

910	KMPS	CA	Hesperia	– Silent Aug. 16; new owner took silent for financial reasons.
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1090 KEMR NM Milan – Silent Aug. 20, pending move to Moriarty and 1080 kHz per CP.
 1030 WEBS GA Calhoun – Silent Aug. 25; station is in foreclosure.
 1120 WXJO GA Douglasville – Silent Aug. 28; loss of programming source.
 1310 KEIN MT Great Falls – Silent July 23 pending transfer in bankruptcy proceedings.
 1390 WEGP ME Presque Isle – Silent Aug. 24; heavy damage in fire.
 1400 WZAZ FL Jacksonville – Silent Aug. 26; new transmitter returned for repairs.
 1450 WROX MS Clarksdale – Silent Aug 10; transmitter needs major repairs.
 1490 WTKE FL Milton – Silent Aug. 19; loss of program source.
 1500 WQMS MS Quitman – Silent (again) July 12; still looking for new tower site.
 1530 WCKG IL Elmhurst – Silent Aug. 20, local construction damaged ground system.

Also, WAIT-850 Crystal Lake IL informed the FCC that it has lost its tower site and is shutting down operations, but mentioned no silent date and has not been added to the official FCC silent list.

COORDINATE CORRECTION

950 WYWY KY Barbourville – Applies for CP to correct coordinates to 36-50-28/83-52-22.
 1490 KTTR MO Rolla – CP to correct coordinates to 37-56-40/91-44-41 is on the air.

NRC AM Log Updates

560 WGAN ME Portland – Adds // W253DA-98.5; delete // W288CU-105.5.
 WFRB MD Frostburg – Networks to WW1. (SK)
 WHBQ TN Memphis – Slogan & Group to Grp= Sports 56
 610 WSNG CT Torrington – Slogan & Group to Grp= The Talk of Connecticut - Trump 103.3.
 (CK)
 630 WSBN DC Washington – Slogan to "ESPN 630," "The Sports Capitol."
 640 WMEN FL Royal Palm Beach – Slogan to "Fox Sports 640."
 640 WGST GA Atlanta – Slogan to "Fox News Radio," networks to Fox/BNN/P/CMP/DR/
 WW1/PRN/MRN/C2C
 660 WDYZ FL Altamonte Springs – Format to TLK (ex-TLK/SPT); slogan to "Florida Man
 Radio," delete networks. (TK)
 WESC SC Greenville – Format to C&W (ex-REL); slogan to "Carolina's Best Country &
 Your All Time Favorites!" Drops networks; adds // WESC-FM-92.5; delete
 // W225AZ-92.9.
 680 KNBR CA San Francisco – Adds // KFOG-104.5.
 710 KBMB AZ Black Canyon City – Format to SS:MEX (ex-SS:SPT); slogan to "Jose 710 AM,"
 drops networks.
 730 WDOS NY Oneonta – Format to SPT/TLK (ex-SPT).
 750 KXTG OR Portland – Slogan to "750 the Game," delete Grp= 102.9 & 750 the Game.
 810 WYZI GA Royston – Format to CLR (ex-FARM); delete slogan.
 830 KDRI AZ Tucson – Format to OLD (ex-REL); slogan to "The Drive."
 WEEU PA Reading – Format to NWS/TLK (ex-NWS/TLK/AC); networks to A/WW1/JBo/
 C2C; adds // WBYN-1160.
 840 KMPH CA Modesto – Adds // K250BR-97.9. (FCC)
 KJFA NM Belen – Slogan & Group to Grp= Fuego 102.9 (ex-Grp= Exitos 102.9).
 850 KOA CO Denver – Networks to A/CMP/C2C. (WH)
 WAIT IL Crystal Lake – Format to VAR (ex-EE/SS:REL); delete slogan.
 890 KYWN ID Meridian – Slogan to "La Perla 890 AM," "Radio Perla." (JW)
 900 WGHM NH Nashua – Slogan & Group to Grp= Oldies Radio WGAM. (FCC)
 910 WZMG AL Pepperell – Format to SPT (ex-UC:GOS); slogan to "Fox Sports 910 & 1310,"
 networks to FSR.
 920 WPTL NC Canton – Slogan to "Your Country."
 930 WHLM PA Bloomsburg – Group to Grp= Classic Rock & Roll - HLM (ex-Grp= News
 Radio WHLM). (SK)
 940 WMIX IL Mount Vernon – Group to Grp= WMIX-94. (FCC)
 960 KMA IA Shenandoah – Delete slogan.
 WQLA TN La Follette – Adds // W240DT-95.9. (FCC)
 980 WTEM DC Washington – Adds //W240DJ-95.9.
 WOFX NY Troy – Adds // W240EC-95.9.
 KTCR WA Selah – Format to OLD (ex-SS:SPT); slogan to "Kruzn' 106.9," delete networks;
 add // K295BT-106.9.
 990 WTLN FL Orlando – Format to REL (ex-SS:REL); slogan to "The Word."

	WNTI	PA	Somerset – Slogan & Group to Grp= News Talk Johnstown. (BH)
1010	KCHJ	CA	Delano – Adds // K229CD-93.7; delete // KQKZ-92.1. (FCC)
1050	WWGP	NC	Sanford – Slogan to "Today's Best Country."
1060	WMCL	IL	McLeansboro – Networks to Il/AGt/WW1; slogan & Group to Grp= Classic Country 1060. (FCC)
1090	KMXA	CO	Aurora – Format to SS:MEX (ex-SS:MEX); slogan to "Jose 1090 AM," drops networks. (WH)
	WBAF	GA	Barnesville – Format to CLR (ex-C&W/GOS); delete networks; slogan & Group to Grp= 97.3 & 104.9 Fox FM.
	KTGO	ND	Tioga – Adds // K224FJ-92.7.
1160	WBYN	PA	Lehighton – Format to NWS/TLK (ex-SPT); networks to A/WW1/JBo/C2C, adds // WEEU-830; delete Grp= ESPN Lehigh Valley.
1170	KBOB	IA	Davenport – Format to SPT (ex-C&W); delete slogan; networks to ESPN.
	WDEK	SC	Lexington – Format to UC:OLD (ex-OLD).
1180	WGUE	AR	Turrell – Group Grp= La Jefe becomes Grp= La Jafa. (JW)
1190	WSDE	NY	Cobleskill – Slogan & Group to Grp= Lite 94.3 and AM 1190. (FCC)
1230	WKWL	AL	Florala – Networks to Al. (TK)
	KYVA	NM	Gallup – Format to OLD (ex-OLD/SPT); slogan to "Rockin' Oldies," networks to A/WW1; adds // K252FM-98.3; delete // K235BR-94.9.
	WBVP	PA	Beaver Falls – Slogan & Group to Grp= Beaver County Radio. (FCC)
	WEEX	PA	Easton – Adds // WTKZ-1320; delete Grp= ESPN Lehigh Valley.
	WBPZ	PA	Lock Haven – Adds // W245DB-96.9. (FCC)
1240	WEBQ	IL	Harrisburg – Adds // W229CR-93.7. (FCC)
	WLLV	KY	Louisville – Slogan to "1240 Love."
	WJON	MN	Saint Cloud – Adds // W237EU-95.3.
1250	WGAM	NH	Manchester – Slogan & Group to Grp= Oldies Radio WGAM. (FCC)
1260	KSML	TX	Diboll – Slogan to "Your Sports Choice."
1270	WWWI	MN	Baxter – Adds // W242DB-96.3. (FCC)
	WMLC	MS	Monticello - Slogan to "Brookhaven's Gospel Radio."
	WDLA	NY	Walton – Format to SPT/TLK (ex-SPT).
1280	WBWX	PA	Berwick – Group to Grp= Classic Rock & Roll – HLM (ex-Grp= News Radio WHLM). (SK)
	WHVR	PA	Hanover – Slogan & Group to Grp= Happy.
1300	KVET	TX	Austin – Networks to FSR.
1310	WPCH	GA	West Point – Format to SPT (ex-UC:GOS); slogan to "Fox Sports 910 & 1310," networks to FSR.
1320	WTKZ	PA	Allentown – Adds // WEEX-1230; delete Grp= ESPN Lehigh Valley.
	WGET	PA	Gettysburg – Slogan & Group to Grp= Happy.
	WFHR	WI	Wisconsin Rapids – Networks to CS/Wi/WW1/DR. (PS)
1330	WEBY	FL	Milton – Format to SPT (ex-TLK); slogan to "ESPN Pensacola," nets to ESPN.
	WBGW	IN	Evansville – Adds // W275CZ-102.9. (FCC)
	WTRE	IN	Greensburg – Adds // W282AZ-104.3. (FCC)
	KOVE	WY	Lander – Slogan to "Hot Country & Old Time Favorites."
1340	KPGE	AZ	Page – Slogan & Group to Grp= The Bandit.
	WAML	MS	Collins – Slogan to "Brookhaven's Gospel Radio."
1350	WNLK	CT	Norwalk – <i>(These changes listed in updaters fell through on failure of the Sale of the Station. WNLK Remains Silent - wh)</i> Format to REL (ex-REL/GOS/Brokered); networks to EWTN; delete Grp= 1350 Radio.
	WBML	GA	Warner Robins – Format to CLR (ex-UC:GOS); slogan & Group to Grp= Georgia's Greatest Hits Fox 94.7 (ex-Grp= Praise 95.5). (TK)
1360	WDRC	CT	Hartford – Group to Grp= The Talk of Connecticut - Trump 103.3. (CK)
1370	WFDR	GA	Manchester – Format to CLR (ex-C&W); delete networks; slogan & Group to Grp= 97.3 & 104.9 Fox FM.
	WCCN	WI	Neillsville – Networks to A/Wi.
1380	WDLW	OH	Lorain – Slogan to "Kool Cat Oldies."
	WLIN	PA	Waynesboro – Format to TLK/SPT (ex-SPT); slogan to "The Line," networks to WW1/DR/JBo/ESPN.
1390	KHOB	NM	Hobbs – Format to NWS/TLK (ex-NOS); slogan to "NewsTalk," networks to SRN. (WH)
	WPLI	VA	Lynchburg – Slogan & Group to Grp= The Ministry Station. (FCC)



- 1400 WSTC CT **Stamford** – Adds // W288DL-105.5; delete Grp= 1350 Radio.
 KAYS KS **Hays** – Format to CLR (ex-OLD/SPTan); slogan to "Hays' Greatest Hits," networks to A.
 KFRU MO **Columbia** – Adds // K255DJ-98.9. (FCC)
 WHGB PA **Harrisburg** – Slogan & Group to Grp= CBS Sports Radio 96.5 95.3 & 1400.
 1430 WDJS NC **Mount Olive** – Adds // W273DV-102.5. (FCC)
 1440 WVGG MS **Lucedale** – Adds // WRBE-FM-106.9. (TK)
 1450 WZGX AL **Bessemer** – Slogan to "La Jefa." (JW)
 WOL DC **Washington** – Delete // W240DJ-95.9.
 KRZY NM **Albuquerque** – Format to SS:MEX (ex-SS:SPT); slogan to "Jose 1450 AM," delete networks.
 1460 WVOX NY **New Rochelle** – Slogan to "Your Songs, Your Memories." (SK)
 WMBA PA **Ambridge** – Slogan & Group to Grp= Beaver County Radio. (FCC)
 KBZO TX **Lubbock** – Format to SS:MEX (ex-SS:SPT); slogan to "Jose 1460 AM," delete networks.
 1470 WMMW CT **Meriden** – Slogan & Group to Grp= The Talk of Connecticut - Trump 103.3. (CK)
 1480 WDAS PA **Philadelphia** – Format to SPT/Betting (ex-OLD/CHR); slogan to "Fox Sports The Gambler," networks to FSR; adds // W273DO-102.5; delete Group. (JV)
 1490 KWAC CA **Bakersfield** – Delete // K229CD-93.7.
 WWNB NC **New Bern** – Adds // W282CQ-104.3; delete // W280ED-103.9. (FCC)
 WNTJ PA **Johnstown** – Slogan & Group to Grp= News Talk Johnstown. (BH)
 KTSN TX **Austin** – Format to AOR/Americana. (ex-VAR)
 1500 WPSO FL **New Port Richey** – Format to Greek (ex-ETH/Greek); slogan to "Greek Voice Radio," adds // W270DH-101.9; delete Grp= WXYB - WPSO Group. (BH)
 1510 KOAZ NM **Isleta** – Format to AC/EZL (ex-JAZZ).
 WLKR OH **Norwalk** – Adds // W225DG-92.9. (FCC)
 KAGC TX **Bryan** – Adds //K247CS-97.3. (FCC)
 1520 WTLM AL **Opelika** – Format to UC:GOS (ex-C&W); slogan to "Hallelujah 1520," delete networks.
 WXYB FL **Indian Rocks Beach** – Format to ETH (ex-ETH/Greek); delete Grp= WXYB - WPSO Group). (BH)
 WTRI MD **Brunswick** – Format (reported Silent). (GS)
 1540 WACA MD **Wheaton** – Format to SS:REL (ex-SS:TLK); slogan to "Radio Viva en Abundancia." (CK)
 WTXY NC **Whiteville** – Format to CLR (ex-C&W); slogan to "Kool 103.9."
 1550 KESJ MO **Saint Joseph** – Format to CLR (ex-SPT); slogan to "Joe Town 107.5," delete networks.
 WKBA VA **Vinton** – Slogan & Group to Grp= The Ministry Station. (FCC)
 1570 KCVR CA **Lodi** – Format to SS:MEX (ex-SS:SPT); slogan to "Jose 1570 AM," delete networks; delete // KCVR-FM-98.9.
 WCLE TN **Cleveland** – Slogan & Group to Grp= 101.3 The Buzz. (FCC)
 1650 KSVE TX **El Paso** – Format to SS:MEX (ex-SS:SPT); slogan to "Jose 1650 AM," delete networks.
 CKZW QC **Montreal** – Format to REL (ex-FF:VAR).

New Groups

- Grp= 97.3 & 104.9 Fox FM – WFDR-1370, WBAF-1090, W285FK-104.9, W247CJ
 Grp= 101.3 The Buzz – WCLE-1570, W267BI-101.3, W256DQ-99.1 (FCC)
 Grp= Beaver County Radio – WBVP-1230, WMBA-1460, W257EA-99.3 (FCC)
 Grp= Classic Country 1060 – WMCL-1060, W233CY-94.5, W300BD-107.9 (FCC)
 Grp= CBS Sports Radio 96.5 95.3 & 1400 – WHGB-1400, W243BR-96.5, W237DE
 Grp= Happy – WGET-1320, WHVR-1280, W237EN-95.3, W229DK-93.7
 Grp = Lite 94.3 and AM 1190 – WSDE-1190, W232CE-94.3, W261DP-100.1 (FCC)
 Grp= News Talk Johnstown – WNTJ-1490, WNTI-990, W278CR-103.5, W283CX-104.5 (BH)
 Grp= Oldies Radio WGAM – WGAM-1250, W278CJ-103.5, WGHM-900, W253AF-98.5 (FCC)
 Grp= Sports 56 - WHBQ-560, W276BH-103.1, WIVG-96.1
 Grp= The Bandit – KPGE-1340, K261BX-100.1, K252FG-98.3
 Grp= The Ministry Station – WKBA-1550, WPLI-1390, W226CN-93.1, W298CN-107.5 (FCC)
 Grp= WMIX-94, WMIX-940, W241CX-96.1, W243AV-96.5 (FCC)

Group Changes

Grp= Jefferson Public Radio adds K226CO-93.1 Mount Shasta and K250BX-97.9 Yreka (FCC)

Grp= Georgia's Greatest Hits Fox 94.7 adds W234CQ-94.7 (TK)

Grp= Quality Christian Voice adds K296HC-107.1 El Reno (FCC)

Grp= The Truth – Raleigh adds W293DV-106.5 Wake Forest (FCC)

Group Name Changes

Grp= Exitos 102.9 becomes Fuego 102.9

Grp= La Jefe becomes La Jefa (JW)

Grp= Middle Georgia's New Inspiration Station becomes Grp= Georgia's Greatest Hits Fox 94.7 (TK)

Grp= News Radio WHLM becomes Grp= Classic Rock & Roll – HLM (SK)

Grp= Trump 103.3 becomes The Talk of Connecticut - Trump 103.3 (CK)

Deleted Groups

Grp= 1230 & 1320 AM Fox Sports Radio

Grp= 1350 Radio

Grp= 102.9 & 750 the Game

Grp= Breakthrough Radio

Grp= WXYB - WPSO Group (BH)

Thanks to Shawn Axelrod, Bill Hale (BH), FCC Database (FCC), Gerry Conkling, Jr., Steve Kennedy (SK), George Santulli, Terry Krueger (TK), John J Rieger (JJR), John Wilkins (JW), John Varljen (JV), Chris Knight (CK), and Paul Snider (PS).

Domestic DX Digest – East

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

All times are Eastern Local Time (ELT)

REPORTERS

BC-NH **Bruce Conti, Nashua** – Excalibur SDR, variable termination 50 x 75-ft Super/Ewe antennas at 60° northeast and 180° south.

HJH-PA **Harry Hayes, Wilkes-Barre** – Grundig S350, C Crane Skywave, ALA-1530 loop, Kiwa Pocket Loop.

KK-VA **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop

PS-ON **Paul Snider, London** – Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C tuner

JW-PA **Jim Weber, Oyster Point** – Grundig S350

NjW-ON **Niel Wolfish, Toronto** – WinRadio Excalibur G31DDC + Wellbrook loop.

MKB-QC **Mike Brooker, Montréal** – XHDATA D-808

MKB-ON **Mike Brooker, Toronto** – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200

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

Friend me on Facebook! www.facebook.com/keval.mike

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

LOGGINGS

560 WGAI NC **Elizabeth City** – 8/14 2249 – Urban gospel, ID at 2255 "Gospel favorites from yesterday and today, 560 WGAI", weather report, ads. Fair occasionally to very poor in station mix including WJLS, WIND, Radio Rebelde and possibly WFRB. No CFOS. **(PS-ON)**

620 WHEN NY **Syracuse** – 8/18 2256 – Slower R&B music, ID at 2302 "You are listening to...WHEN Syracuse...", more music. Fair to poor dominating 620 for a change instead of WTMJ or WRJZ. First time heard at this location. **(PS-ON)**

WGCV SC **Cayce** – 9/1 0600 – Faded up over WRJZ-Knoxville with legal ID that mentions FM 96.3 and then gospel music. **(NjW-ON)**

630 WBMQ GA **Savannah** – 9/6 2306 – Local Grainger Ford ad and numerous call sign IDs at this time. In well with Hurricane Dorian news following. **(JW-PA)**

+++ - 9/1 0600 - Legal ID that mentions Cumulus. Lots of 640-CFMJ splatter. (NjW-ON)

WPRO RI Providence - 8/17 0505 - Solid signal with promo for local advertising "...we've been advertising on WPRO for 45 years" and PSA for Rhode Island National Guard. (MKB-QC)



WJAW WV St. Marys - 9/6 2248 - Presumed with opioid addiction PSA followed by promos for Buckeye Nation (Ohio State) and Pirates baseball network. Local ad for Levin Furniture. (JW-PA)

+++ - 8/25 0010 - Sports talk, ad for Riverview Industrial Supply (Marietta, OH), ESPN mentions. Fair occasionally over CFMCO to very poor. As they are "Mid-Ohio Valley's ESPN Radio", I'll assume I heard them and not WMFD Wilmington, NC or WEJL Scranton, PA. (PS-ON)

640 WWJZ NJ Mount Holly - 8/5 0045 - Presumed with recitation of the Rosary in station mix with CFMCO. // to Relevant Radio stream. Very poor. (PS-ON)

670 WWFE FL Miami - 9/1 0600 - Over Radio Rebelde and WSCR with "noticias en La Poderosa" slogan and news by woman. (NjW-ON)

710 WDSM WI Superior - 8/21 2317 - The Savage Nation, financial news, Fox Nation promo, ad for The Great Dane Pub (in Madison, WI), WDSM/Alexa promo, "WDSM 710, The Talk of the North" ID, weather report. Fair to very poor mostly under WOR. (PS-ON)

760 WEFL FL Tequesta - 9/1 0600 - Mixing with WJR with "deportes siete sesenta AM" slogan and legal ID in SS. (NjW-ON)

790 WKRD KY Louisville - 8/9 0600 - Mixing with WNIS, WVCD, other Fox Sports, UNID Spanish and Cuban R. Reloj, male "Cards radio 7-90 WKRD Louisville..." ID. ("Cards" references University of Louisville Cardinals) (KK-VA)

800 WCHA PA Chambersburg - 8/15 2150 - Assorted oldies including "I Get Around" by The Beach Boys, "What's Going On" by Marvin Gaye. No ID heard, but // to trueoldieschannel.com stream which WCHA runs. Poor at times and audible to very poor with CKLW, CJBQ and PJB Bonaire. (PS-ON)

820 WNTW VA Chester - 8/24 0558 - Mixing with WNYC, EWTN (either WBKK or WVSG), laughing/comedy (probably CHAM), UNID Spanish and terrible hash from all-digital WWFD, male "...on the all new WNTW 8-20 AM" ID. (KK-VA)

850 WKVL TN Maryville - 8/30 0516 - In multi-station mix (WTAR, WGVS, WPTK and UNID talker) with sports talk, male "This is WKVL" ID. New station for me. (KK-VA)

880 WSLK VA Moneta - 8/30 0637 - In multi-station mix (WCBS, WRFD, WPIP and UNID SS talk) with station promo, possibly for program that broadcasts local job openings: "...stop by or call 721 4333. Blackwater Cafe...employer. WSLK podcast is one of the many ways in which we support our...here at...on the lake and we invite you to join us in that effort. Send your job postings to info@wslk880.com". New station for me. (KK-VA)

900 WURD PA Philadelphia - 8/27 2312 - Call in talk show with many mentions of Philadelphia, gave phone number with 215 area code, "WURD Radio" ID at 2319, ads. Poor to very poor under partially nulled CHML. // Tune In stream. (PS-ON)

910 WTMZ SC Dorchester Terrace-Brentwood - 8/11 2214 - Phillies vs. Giants baseball, national ads (Auto Zone, Sirius/XM Radio etc.), lots of ESPN mentions, post game show, quick station ID at 2255 "...WTMZ Dorchester Terrace-Brentwood...". Fair at times to very poor with WFDF. First time heard here. (PS-ON)

WJCW TN Johnson City - 8/6 2225 - Jim Bohannon Show, national ads, clearly heard promo for WJCW app at 2258, unable to hear ToH ID. Fair occasionally to very poor in station mix including WFDF, unknown oldies station and possibly WTMZ. (PS-ON)

930 WKBM IL Sandwich - 8/29 2251 - Noted Relevant Radio mention by female announcer in jumble of stations including WBEN, WRVC and WLLL. Very poor. (PS-ON)

950 WPET NC Greensboro - 9/1 0600 - ID by man heard in mess with Radio Reloj. (NjW-ON)

990 WNTY CT Southington - 8/27 0505 - "Kool Radio" slogan and "990 WNTY" IDs at this time then "Total Eclipse of the Heart" by Bonnie Tyler. (JW-PA)

WISK GA Lawrenceville - 8/31 2240 - On after sunset with Spanish language music (more adult contemporary, strong vocals), female announcer in SS with clear mention of Georgia, Atlanta and "...Alfa Radio" slogan, more music, no ToH

ID heard at 2300. Fair at times to very poor with CBW Winnipeg. // to Tune In stream. **(PS-ON)**

+++ – 9/1 0559 – End of religious music. ToH ID by man into “Georgia Focus,” a public affairs program from the Georgia News Network. **(NjW-ON)**

1010 WCNL NH **Newport** – 8/17 0620 – Fighting CFRB/WINS mix with “AM 1010, FM 94.7...WCNL country” ID into C&W song. **(MKB-QC)**

1060 WQOM MA **Natick** – 8/17 0550 – Blasting in over KYW with Hail Mary recitation by woman. **(MKB-QC)**

1080 WKAT FL **Coral Gables** – 8/26 2248 – Spanish religious talk, music, clear ID at 2254 by female announcer “...Radio Luz, Miami”, more talk. Fair at times to very poor with WTIC and WOKT. **(PS-ON)**

+++ – 9/1 0559 – ID after Spanish religious talk. Previously heard as WVCG. **(NjW-ON)**

1100 WHLI NY **Hempstead** – 8/19 1943 – Strong with fades over WTAM. Had PSA from Responsible Gaming. **(HJH-PA)**

1110 WUPE MA **Pittsfield** – 8/19 1948 – Good with “Whoopie FM” slogan. Ad for Morrison’s Home Improvement in Lenox into a Donna Summer song. **(HJH-PA)**

1120 WKAJ NY **St. Johnsville** – 8/17 0552 – Creaming KMOX with classic C&W songs, “the legends of Country music live here...the Outlaw, WKAJ Saint Johnsville” station promo. **(MKB-QC)**

1130 WLBA GA **Gainesville** – 9/1 0558 – Mexican music. ID at 0602 which also mentions WAOS **(NjW-ON)**

1160 WSKW ME **Skowhegan** – 8/21 2015 – Heard with slogan “Legacy 1160 WSKW”. Ending song “Tossing & Turning” by Bobby Lewis then into “Stop in the Name of Love” by the Supremes. Good with others. Ex-C&W format. **(HJH-PA)**

WCCS PA **Homer City** – 8/30 0703 – Over dueling ESPN stations, “WCCS news time is 7:03” into local news. **(MKB-ON)**

WODY VA **Fieldale** – 8/26 2314 – Religious talk by female with Joy FM mention, into Christian soft rock music. Fair to very poor with WCCS. First time heard here. Maybe day power? **(PS-ON)**

+++ – 9/1 0559 – Gospel music and ID: “Joy FM, heard on great radio stations as...WKNV Fairlawn Virginia...” and mention of their website. **(NjW-ON)**

1230 WBLQ RI **Westerly** – 8/14 0410 – Quick “WBLQ” ID just at this time. Little else noted. **(JW-PA)**

1240 WTAX IL **Springfield** – 8/26 – 0700 – ToH ID that also mentions FM 93.5 and “Capitol Radio Group.com” into CBS news. **(NjW-ON)**

WJEJ MD **Hagerstown** – 9/1 0023 – Songs by Bobby Darin, Nat King Cole, ads, ID “...classic radio, 1240 WJEJ Hagerstown”. Poor to very poor. // to Tune In stream. First time heard at this location. **(PS-ON)**

1270 WCBC MD **Cumberland** – 8/19 2011 – Full ID at this time during Pirates baseball coverage. Ad for Green’s Pharmacy. Strong signal. **(HJH-PA)**

WACM MA **Springfield** – 8/20 2100 – ID as “Kool Radio 1270 and 100.1 FM”. Fair to poor with 60’s thru 80’s oldies. Very few ads heard. **(HJH-PA)**

1330 WYRD SC **Greenville** – 9/1 0600 – Legal ID mentioning ESPN and promo for event at Greenville-Pickens Motor Speedway Complex. **(NjW-ON)**

1360 WMOB AL **Mobile** – 9/1 0558 – Strong with tail end of a hymn and ID at 0600. **(NjW-ON)**

1370 WTAB NC **Tabor City** – 9/1 0558 – C&W songs, ToH ID: “WTAB Tabor City-Loris, AM 1370”. **(NjW-ON)**

WSHV VA **South Hill** – 9/1 0600 – ID by woman: “WSHV South Hill...family friendly”. Faded in about 20 seconds after WTAB’s ID. **(NjW-ON)**

1400 WINC VA **Winchester** – 9/5 2000 – ID: “WINC Winchester, WZFC-FM Strasburg...this is news talk AM 1400 and 104.9 FM” into Fox news. **(NjW-ON)**

1410 WNGL AL **Mobile** – 9/1 0600 – ToH ID mentioning “FM 94.5” and “Archangel Radio”. **(NjW-ON)**

1430 WDIC VA **Clinchco** – 8/22 0600 – “From the Heart of Coal Country, WDIC, Clinchco Virginia” ToH ID. **(JW-PA)**

+++ – 8/9 2313 – C&W music, clear WDIC ID at 2314, more music, “Real Country” slogan at 2318. Poor to very poor with oldies station (WYMC?) and CHKT. First time heard at this location. **(PS-ON)**

1440 WHIS WV **Bluefield** – 9/4 2306 – National ads, “News talk WHIS” ID at 2308, into Brian Kilmeade show. Poor to very poor with unknown Fox station I have been trying to ID for two nights. **(PS-ON)**

- 1450 WIOE IN Fort Wayne – 8/25 0600 – Weather forecast and mention that the latest info is available on their website. IDed as “Oldies 101.1 and 104.3 WIOE”. Ex-WLYV. (NjW-ON)
- WPGG NJ Atlantic City – 9/4 2334 – Rising above the station mix briefly with ads, "WPG Talk Radio 95.5...Jersey's...". Poor for a few seconds then lost. First time heard at this location. (PS-ON)
- 1460 WVOX NY New Rochelle – 8/10 1955 – Fair to good signal at times. “The sounds of Sinatra on WVOX”. No sign of usual in-state rival WHIC Rochester. (HJH-PA)
- WTKT PA Harrisburg – 9/3 0600 – Over usual CJOY groundwave with foxsports1460. iheart.com promo, "Harrisburg's home for sports...Fox Sports 1460 The Ticket, WTKT" ToH ID. (MKB-ON)
- WBUC WV Buckhannon – 9/4 2346 – C&W music, "...the River 93.1" slogan at 2353. Good to very poor, mostly dominating the frequency. Have to be on day power again. First time heard at this location. (PS-ON)
- 1510 WPGR PA Monroeville – 8/27 1900 – Over usual WLAC/WRRD mix with "We Are One Body WAOB" FM station ID into Catholic program from Archdiocese of Pittsburgh. (MKB-ON)
- 1530 KGBT TX Harlingen – 9/8 0100 – Over VOA São Tome while WCKY was off the air; "Buenos Dias América, lunes a viernes..." with Central and Pacific time. New log. Often heard with fútbol under WCKY, finally caught this identifiable Univisión network promo after chasing it for months. Texas #10, domestic #1010 this decade. (BC-NH)
- 1530 WLAK WI New Holstein – 9/8 0118 – On after sunset with a song by Boston, clear WGBW ID at 0120, weather report with another WGBW mention, “Whose Sorry Now” by Connie Francis. Poor to very poor with WCKY off the air. (PS-ON)
- 1550 WMRE WV Charles Town – 8/22 2256 – Sports interview, "WMRE Charles Town" ID at 2258, sports talk, iHeart radio promo. Fair to very poor. Must be on day power to come in this well, covering usual CBEF. First time heard at this location. (PS-ON) *Charles Town (two words) is not the same city as West Virginia state capital Charleston. Mike.*
- 1570 WILO IN Frankfort – 8/9 2355 – "Roam" by The B52s, possible jingle, "Nightshift" by The Commodores, WILO jingle heard for sure, clear WILO mention in ToH ID, Star Spangled Banner. Poor with "The Big Gospel Express" WBGX. (PS-ON)
- 1590 WCSL NC Cherryville – 9/8 0515 – Several IDs at this time with FM and AM frequency callouts. In very clear for a bit. (JW-PA)
- 1600 WWRL NY New York – 8/17 0547 – “Suprabhatham” Sanskrit chanting; South Asian programming pretty much as strong as local Radio Humsafar next door on 1610. (MKB-QC)
- 1700 WRCR NY Ramapo – 9/1 2010 – Long-silent station returned to air, over noise floor with automated-sounding oldies, "AM 1700 WRCR" ID. (MKB-ON)

IRCA MEXICAN LOG

The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The transmitter site index (listed by state, then city) tabulates the latitude and longitude of transmitter sites. Also, in this edition, there is a spread sheet with links to web sites, live broadcasts and facebook page of many of the Mexican stations. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11".

The 2019 Mexican Log .pdf is posted on the IRCA website for all to download. The link is:

https://www.ircaonline.org/editor_upload/File/2019%20Mexican%20Log.pdf

For those preferring a hard copy, one can be ordered from the IRCA Bookstore. Prices: IRCA/NRC members – \$5.00 (US), \$6.00 (Canada) \$8.00 (México), \$9.00 (rest of the world). Non-IRCA/NRC members – add \$1.00. To order from the IRCA, send the correct amount (in US funds payable to Phil Bytheway) to: IRCA Bookstore, 9705 MARY NW, SEATTLE WA 98117-2334. Or, order through PayPal to Email: phil_tekno@yahoo.com (Phil Bytheway). Please state club affiliation when ordering.

Domestic DX Digest – West

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

PLEASE SUBMIT ALL REPORTS IN THE FORMAT SEEN BELOW

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

As we usher out another Volume Year of DXing in the West, here's a big shout out to all those who took the time to pass along their loggings in Volume 86 and help fill this column with some good, old-fashion Medium-Wave DX!

Welcome to first-time reporter Stephanie Battaglino, who sends in her initial loggings from the desert Southwest. And, welcome back to Skip Dabelstein, who checks in with the first High School football loggings of the 2019 season.

Upcoming deadlines: Volume 87 Issues 1 and 2 respectively: Friday, September 20 and Friday October 4. Plan to be here!

REPORTERS

- SB-CA** Stephanie Battaglino Palm Desert, California Airspy HF+ Discovery and Wellbrook ALA1530LNP
- SD-AZ** Skip Dabelstein Tucson, Arizona Receivers: Drake SW8 and Icom R-75; Antennas: LF Engineering H-900 Active Whip, Radio Plus Quantum Loop, and 400' BOG in the desert wash behind my house
- KDF-IL** Karl D. Forth Chicago, Illinois Sangean, ATS-909, DT-200VX
- TK-FL** Terry Krieger Niceville, FL IC-R75, ICF-7600GR, active loop
- JJR-WI** John J Rieger South Milwaukee, Wisconsin Icom IC-R75, MFJ-959B tuner/preamp, Kiwa loop, Sangean ATS-909X stock
- JW-CO** John Wilkins Wheat Ridge, Colorado Drake R-8, 4-foot box loop

SPACE RESERVED FOR YOU!!

TIS

- 1320 WPJT868 WI Milwaukee – 9/7 0705 – Very poor, 'til lost. ". . . welcome to Milwaukee General Mitchell . . ." while chasing UNID. (JJR-WI)



UNIDS

- 1240 UNID – 8/19 0711 – The Four Freshmen's "Early Autumn" into another nostalgia track, faded. No parallel streaming found for WJLX, Jasper, Alabama. Pointing roughly N/S. (TK-FL)
- 1349.74 UNID – 8/23 0659 – Someone way off channel, putting out a fairly strong het against 1350. Traces of possibly C&W music, pointing N/S. Lost by 0722 when WELB upped to 1000 Watt day power. [Follow-up] – no het on 1350 last local mid-eve a couple of checks, or at my local 0330 local check. Or at 0645 check August 28, 2019. But there about 0700, consistent with when it appeared a couple of days ago. Points E/W. Suspect someone daytime or at least powering up to day power. WFNS Blackshear, Georgia with ESPN automated spew mostly dominates in the wee hours here and on-channel. (TK-FL)
- 1360 UNID – 8/11 0624 – Blues song by Ray Charles, male announcer in seemingly sat-fed or syndicated program, "Love Grows (Where My Rosemary Goes)" and 'Edison Lighthouse' back-announced, into 40's Jitterbug song. Lost to WMOB. (TK-FL)
- 1370 UNID – 9/4 0655 – Poor with Star Spangled Banner out of nowhere. If any sign-on announcements . . . nothing heard. "Betty Davis Eyes" by Kim Carnes (1980), fade, and lost; while chasing others. No WSPD today. (JJR-WI)

1439.65 UNID - 8/28 0736 – Surely not the same as Bill Whitacre's 1439.771 WKLV Blackstone, Virginia confirmation, as this was logged at 0736 (way too late for VA here). And, it's closer to 1439.65, and loops roughly E/W. Impossible shortly thereafter due to WLWI Montgomery dominating. Zero audio from it. (TK-FL)

DX LOGGINGS

- 570 KLIF TX Dallas – 9/3 0735 -Traffic and weather “on the fives”; then more area news after a call letter ID. Fair, in partial null of local KLZ-560's IBOC. (JW-CO)
- 650 KMTI UT Manti – 8/30 2105 – High School FB: North SanPete vs. South Sevier Rams (SD-AZ)
- 790 WQXI GA Atlanta – 8/10 0702 – Seemingly on autopilot this hour, with nonstop Korean vocals, a mix of jazz and apparently Christian (a couple of “hallelujah” refrains). Website entirely in Korean (even when the English option is selected). “Atlanta Radio Korea” logo though, so still their branding. (TK-FL)
- 800 KDDD TX Dumas – 8/29 0700 – Partially readable legal ID, including the “All ag all day” slogan. Don't think parallel station KFLP-900 was mentioned, but copy was poor. (JW-CO)
- 810 WZYN GA Hahira – 8/10 0731 – With preacher. Parallel station web stream. Co-channel WCKA, Jacksonville, AL with Classic C&W. (TK-FL)
- 830 KGLA LA Norco – 8/19 1031 – Reggaetón and hybrid salsa, “KGLA Norco-New Orleans” top of hour and back to music. Fairly poor, and unable to confirm what slogan they're actually using. (TK-FL)
- 860 WAEC GA Atlanta – 8/10 0738 – Passionate black preacher, parallel with web stream. (TK-FL)
- 860 WDMG GA Douglas – 8/10 0741 – Mexi-tune, lots of “Que Buena” slogan mentions, male heavily-accented English: “WDMG AM, Douglas” (mispronouncing as “Doo-glas”), local store ads in Spanish, also electing to pronounce the town that way. Very good when WAEC mostly nulled. (TK-FL)
- 860 KKOW KS Pittsburg – 8/11 0547 – Promo for weekly C&W program, then lady “. . . right here on 860 AM, KKOW” into C&W. (TK-FL)
- 880 KHAC NM Tse Bonita – 8/23 0345 – Dueling with KKMC (and Alex Jones) with Contemporary Christian music and prayers, TOH ID a little late at 0402, and mention of Window Rock, AZ in ID. Doubt they are running their nighttime power of 430 Watts (10 kW daytime). (SB-CA)
- 880 WMDB TN Nashville – 9/3 0656 – Mexi-tunes, all with heavy accordion backing, “Ranchera 8-80” slogan often. Never inserts legal ID top of hours heard, and obviously not on 2 Watts night power at this time. (TK-FL)
- 890 KDXU UT St. George – 8/30 2120 – High School FB: Pine View Panthers vs. Cedar Reds (SD-AZ)
- 900 KFLP TX Floydada – 9/3 0759 – Weather forecast, then LID: “All ag all day – 900 AM KFLP Floydada-Lubbock – all ag all day”; news from Town Hall followed. There was no mention of supposedly parallel station KDDD-800 in the ID. Fair-to-poor, with local KPOF-910's IBOC off for a while. (JW-CO)
- 900 CKBI SK Prince Albert – 9/3 0705 – Last minute of news, followed by several local ads and a mention of ckbi.com; C&W music ensued at 0709 after a “Saskatchewan Country” slogan. Fair and possible due to the absence of local 910's IBOC, which was not off very long. (JW-CO)
- 920 KVEL UT Vernal – 8/30 2150 – High School FB: Providence Hall Patriots vs. Unitech Utes. (SD-AZ)
- 970 KJLT NE North Platte – 8/26 0658 – Closing announcements for a program from the University of Nebraska – Lincoln Extension Division, followed at TOH: “This is K-J-L-T North Platte, Nebraska, translator K229CI at 95.7 FM”, then into SRN Network News. (SD-AZ) [Their translator is K239CI – Ed.]
- 980 KSVC UT Richfield – 8/30 2115 – High School FB: Payson Lions vs. Richfield Wildcats. (SD-AZ)
- 990 WEIS AL Centre – 8/12 0700 – Man: “100.5, WEIS” into net news. Co-channel unidentified religious talker. (TK-FL)
- 1010 KCHJ CA Delano – 8/25 0240 – Poor-to-fair in peaks, in local KXPS open carrier (as in someone wasn't at the controls!), mix of Latin music and mention of “El Galli to”. Mixing at times with unID talk station. (SB-CA)
- 1010 KSIR CO Brush – 9/3 0650 – Poor, with ESPN, replacing anything in earlier. CFRB was weak. Assumed. (JJR-WI)
- 1040 WPBS GA Conyers – 8/12 0638 – Presumed the one with nonstop Vietnamese lady talk. Very good, but some WHO co-channel. (TK-FL)

- 1040 CKST BC Vancouver – 8/21 0759 – Two or three ads, including one for Sketchers; 0800 ID by man: “CKST-AM Vancouver, a station of Bell Media – it's TSN 1040, an iHeart radio station”; programming from ESPN followed. Fair, with no sign of WHO or KCBR. (JW-CO)
- 1110 KBND OR Bend – 8/9 0659 – Local ad followed by nice ID at 0659:54: “News Talk 1110 KBND Bend” with no mention of FM; faded right after the ID. (JW-CO)
- 1180 WGUE AR Turrell – 8/13 0601 – Fair signal, with Spanish-language Mexican regional format. English ID not heard clearly, but did make it out. Transmitter in West Memphis. (KDF-IL)
- 1190 KDMR MO Kansas City – 9/3 0645 – Poor, but giving WOWO a run! Catholic chatter. Assumed. (JJR-WI)
- 1250 WZOB AL Ft. Payne – 8/19 0707 – The Mavericks with Flaco Jiménez “All You Ever Do Is Bring Me Down”, then man: “You're listening to #1 Country, WZOB. You can call me at . . .” into another song. (TK-FL)
- 1300 WMTN TN Morristown – 9/1 0648 – Nice Bluegrass gospel track by the local Lost Creek Band, back-announced by old man who mentioned hoping to get them to perform in Morristown soon, into another Bluegrass gospel vocal. Parallel station web stream.. (TK-FL)
- 1310 KKNS NM Corrales – 8/5 0753 – Segments of classical music with this ID every few minutes: “This is 1310 AM KKNS Corrales, New Mexico”. Sounded like they were stunting. Fair, but mixing with KFKA and KLIX. (JW-CO)
- 1330 KPTY IA Waterloo – 9/2 2312 – Rock music; occasional “107.3 The Party” ID's with no call letters heard. Fair, mixing with several, especially KGAK. (JW-CO)
- 1340 WJAM AL Selma – 8/13 1720 – Urban AC vocals, ads, “Jammin' 94.7 and 1340 AM” slogan. (TK-FL)
- 1340 WFEB AL Sylacauga – 8/15 1059 – Male ID, fade, back at 1105 with local obituaries including those in Sylacauga and Childersburg. (TK-FL)
- 1340 KGKG CO Salida – 8/26 0759 – Ads, then a call letter ID and not much else in the null of local KDCO. A needed call change here; ex: KVRH. (JW-CO)
- 1340 WOKS GA Columbus – 9/2 1922 – Man: “. . . on AM 13-40 WOKS . . .” into George Benson's “Last Masquerade” in pileup of pre-sunset co-channel. (TK-FL)
- 1350 WELB AL Elba – 8/13 0722 – “In the Hands Of A Carpenter” by Legacy Five and other white Southern Gospel, local weather, “From the latest to the greatest gospel, we play them all, 1350 AM, WELB”. They also use a sign-on announcement mentioning FCC “assigned frequency of 1350 kHz” just after they powered up (1000/44 Watts with psra 500 Watts). (TK-FL)
- 1350 WBML GA Warner Robins- 9/3 0720 – Supertramp's "The Logical Song" segued to "Break My Stride" by Matthew Wilder. Live announcer, "Georgia's Greatest Hits, 94.7 Fox FM" slogan often, Macon store ads. (TK-FL)
- 1350 WWWL LA New Orleans – 8/23 0751 – Spot for Gulf Coast Bank, mention of 92.9 FM and back to morning talk. (TK-FL)
- 1370 KWRM CA Corona – 7/27 0758 – Chinese babble; legal ID at ToH, then an ID in Chinese. Generally poor, with an occasional fair peak. (JW-CO)
- 1370 KZSF CA San Jose – 8/24 0410 – Fair-to-good at times, in mix with semi-local KWRM, with regional Latin music and “La Kaliente” ID. Cross checked to stream . (SB-CA)
- 1370 WXCT TN Chattanooga – 8/17 0640 – Man: “. . . classics and all you can't hear anywhere else (woman) on ALT 98-7”. Into Beck's “Loser” (his only hit which, yes, I can hear elsewhere). (TK-FL)
- 1380 KLPZ AZ Parker – 8/24 0350 – Fair-to-Poor, with C&W music (“It's a Love Thing”), local ID @ 0346, ads for local bar & grill and Ace Hardware store mentioned. Cross checked to website, listed @ 58 Watts @ night, 2500 Watts daytime. Hmmm (SB-CA)
- 1380 KLPZ AZ Parker – 8/31 0759 – Out of C&W with legal ID: “KLPZ Parker-Lake Havasu-Blythe”, followed by news from unknown network. Fair. (JW-CO)
- 1380 WKJV NC Asheville – 8/21 0651 – Announcer reading upcoming local church events, mention of I-40 traffic. Parallel station web stream. (TK-FL)
- 1380 KLPZ AZ Parker – 8/24 0350 – Fair-to-poor, with C&W music: “It's a Love Thing”, local ID @ 0346, local bar & grill and Ace Hardware store ads mentioned. Cross-checked to website; listed @ 58 Watts night, 2500 Watts daytime. Hmmm (SB-CA)

- 1380 KRCM TX **Shenandoah** – 8/18 0700 – Accented man with English ID, into instrumental, then ranchera-ish Spanish gospel vocals, parallel station website stream. WAOK and WWMI co-channel. (TK-FL)
- 1390 KCLN IA **Clinton** – 9/3 0704 – Poor, with recycling info, local phone #, newscast, wx & calls. WGRB nulled. (JJR-WI)
- 1420 KTAN AZ **Sierra Vista** – 8/11 0800 – Legal ID: “KTAN Sierra Vista, from the Desert Diamond Casino studios – Thunder 98.1” and into hard rock music. I miss the “K-tan Country” slogans. (JW-CO)
- 1420 WRCG GA **Columbus** – 8/21 0707 – Mention of memorial service for student at Central High School in Cascade Heights, “R&B 92.1” station promo, Columbus business ads. (TK-FL)
- 1440 WVGG MS **Lucedale** – 8/20 0734 – Navy, U.S. Coast Guard, and Marines marching themes (probably missed the Air Force). Man: “We're glad you're listening to us on WRBE (sic) [-FM], 106.9” into the cleverly titled “Moments Of Truth” from 'Moments Funeral Home' (an ad disguised as a tips interview). Overtaken by WLWI, Birmingham's News/Talk. (TK-FL)
- 1480 WMMA AL **Irondale** – 8/20 0715 – Abruptly up on day power, with EWTN program promos, into EWTN morning show. Co-channel WABF. (TK-FL)
- 1480 WABF AL **Mobile** – 8/20 0713 – Whitney Houston, Carly Simon, Hall & Oates, Eydie Gorme, parallel station's web stream. (TK-FL)
- 1480 KNGO TX **Dallas** – 8/27 0900 – Vietnamese talk leading up to LID at 0901:30 by man: “You are listening to Viet(?) Radio KNGO 1480 – AM Dallas, Texas”, then back to Viet talk. Fair, but fadey. (JW-CO)
- 1490 WPNA IL **Oak Park** – 9/4 0739 – Poor, when Polish programming popped out. Not heard in a while. Finally, at :59 in a crowded frequency, got a nice “W-P-N-A”. Logged in 1968 as WOPA. Others on 1490 way more common than this! (JJR-WI)
- 1490 KIBM NE **Omaha** – 9/7 0738 – Poor, with “I Want You Back” by Jackson 5. “Boomer Radio”. Noted past few mornings. Finally pulled enough to get firm fix on this! Unneeded, of course, but nice to hear! (JJR-WI)
- 1490 WGEZ WI **Beloit** – 9/4 0724 – Poor, with “Hi, I'm ????” on Iron Country 101.9 FM.” Despite closeness, not heard in years! (JJR-WI)
- 1500 WVSM AL **Rainsville** – 8/20 0657 – Abruptly up with slow gospel, man: “. . . gospel . . . 1000 Watts power . . . WVSM . . .” and ad for local HVAC company with 256 Area Code. Some Mexi-Spanish with mention of Alabama co-channel, certainly WQCR, Alabaster. (TK-FL)
- 1510 WWHN IL **Joliet** – 9/4 0712 – Very poor, with “. . . get comfortable, W H N” by female, over unID R&B station, others. Rare. (JJR-WI)
- 1510 WCAZ IL **Macomb** – 9/3 0715 – Poor – 'Illinois Farm Bureau' mentioned 2x, possible WWHN underneath. Farm commodity prices and finally calls. Cannot believe this has never been logged! First new log on 1510 since 2006! IL #122 & 1510 #22. Log #2468. NEW! (JJR-WI)
- 1510 KCTE MO **Independence** – 9/4 0711 – Very poor through a few others, with “ESPN Kansas City . . . 94.5” mention, then lost. (JJR-WI)
- 1520 WDSL NC **Mocksville** – 9/1 0618 – Bluegrass banjo gospel; man: “All the preaching and music you need, 96.5 WDSL”. Local ads, parallel delayed station web stream. (TK-FL)
- 1539.903 KGBC TX **Galveston** – 8/28 0518 – Very poor, with Mexi-tunes on peaks, and confirmed it's KGBC per D. Crawford who had it a few days earlier and since on 1539.903. And not to be confused with the still off-channel and variable KBOA Kennett, Missouri on 1539.996-1540.005, this check on the low side with “Too Much, Too Little, Too Late” by Denice Williams & Johnny Mathis. (TK-FL)
- 1550 WJIL IL **Jacksonville** – 9/30 0700 – Poor, with LID for AM & FM translator, into Fox News. Atop. (JJR-WI)
- 1550 WIGN TN **Bristol** – 9/7 0642 – Poor, 'til lost. Bluegrass & Southern Gospel songs. Calls. No CFEF. Steady. (JJR-WI)
- 1570 WBGX IL **Harvey** – 9/4 0614 – Poor, with local mentions of Cicero and Chicago area in fade up. Not common, despite closeness! (JJR-WI)
- 1570 KAKK MN **Walker** – 9/7 0708 – Poor, with “1570 & 96.3 KAK . . .”. Assumed, hi. Atop, though for a few seconds. (JJR-WI)



International DX Digest

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

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 549 **ALGERIA** *Jil FM*, Sidi Hamadouche JUL 5 0301 - *Jil FM* jingle, flute music. [Connelly-MA]
SEP 8 0458 - Fair; choral marching band national anthem. [Conti-NH]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. AUG 27 0300 - Parallel 909 with intro music, BBC 5 Live news; fair, bit of echo. [Connelly-MA]
- 747 **CANARY ISLANDS//SPAIN** *RNE5 Las Palmas//Cádiz* AUG 31 0000 - 5+1 pips, fanfare music, news intro with ID, "Radio Nacional de España, servicios informativos"; fair.{A} [Connelly-MA]
- 855 **SPAIN** *RNE1 Murcia* et al. AUG 27 0300 - Pips, RNE news intro; poor. [Connelly-MA]
SEP 8 0400 - Fair; servicios informativos. [Conti-NH]
- 882 **UNITED KINGDOM** *BBC R.Wales*, Washford et al. AUG 27 0300 - BBC news; in WCBS slop. [Connelly-MA]
- 909 **UNITED KINGDOM** *BBC Radio 5* sychros AUG 27 0300 - Dramatic intro music, 5 Live news; through slop. [Connelly-MA]
- 999 **SPAIN** *COPE Madrid* JUL 5 0101 - Man and woman with news in Spanish; to fair peak. [Connelly-MA]
- 1044 **SPAIN** *SER San Sebastián//Valladolid* AUG 27 0300 - Electronic music, pips, Spanish talk; fair. [Connelly-MA]
- 1053 **UNITED KINGDOM** *TalkSport* sychros JUL 5 0300 - *TalkSport* chatter; briefly over tough slop. [Connelly-MA]
- 1062 **ITALY** *Rai Radiouno* sychros AUG 25 0359 - Poor; pre sign-on clock tones. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* sychros JUL 5 0300 - Man "It's four o'clock", emphasis music, talk parallel 1053; fair on LSB. AUG 17 0101 - Talk about unrest in Hong Kong; fair. [Connelly-MA] AUG 17 0100 - Fair; ad string, "Don't miss Gerard Butler and Morgan Freeman in the action packed sequel... Angel Has Fallen." [Conti-NH]
- 1125 **SPAIN** *RNE5* sychros AUG 17 0100 - Pips, RNE intro; poor. [Connelly-MA]
- 1179 **CANARY ISLANDS//SPAIN** *SER* sychros AUG 31 0400 - Attention music, 5+1 pips, man in Spanish; fair over slop.{A} [Connelly-MA]
- 1179 **ROMANIA** *R.România Actualitati*, Galbeni//Vascau AUG 17 0100 - Man "Aici Bucuresti, Radio Romania Actualitati, hora exacta", 6 pips; fair.{A} [Connelly-MA]
- 1215 **UNITED KINGDOM** *Absolute Radio* sychros JUL 5 0300 - 4 Non Blondes "What's Going On"; fair. AUG 17 0059 - *Absolute Radio* ID, U2 & BB King "When Love Comes to Town"; to good peak. At 0300 "Absolute Radio, the real music masters" into "Four O'Clock Rock" segment starting with Fleetwood Mac "Don't Stop"; good.{A} [Connelly-MA] AUG 17 0258 - Fair; "Tattva" by Kula Shaker, ID to news, "The main stories this hour..." [Conti-NH]
- 1278 **IRAN** *IRIB R.Kermanshah*, Kermanshah AUG 17 0100 - Tentative. Chanting; poor. [Connelly-MA]
- 1296 **SPAIN** *COPE Valencia* AUG 31 0400 - 5+1 pips, Canarias mention, fanfare music, "la ultima hora en la mañana" mention, news in Spanish; to good peak.{A} [Connelly-MA]
- 1305 **SPAIN** *RNE5* sychros AUG 31 0400 - 5+1 pips, fanfare music, news intro with *R.Nacional de España* ID; poor to fair.{A} [Connelly-MA]
- 1512 **SAUDI ARABIA** *SBC R.Quran*, Jeddah SEP 8 0258 - Strong s7 open carrier noted upon tune-in; off at 0301 UTC. [Conti-NH]
- 1530 **SAO TOME** *VOA Pinheira* JUL 5 0259 - Yankee Doodle march; under WCKY. JUL 11 0259 - Voice of America sign-on announcement; mixing with WCKY. AUG 31 0300 - Man "This is the Voice of America, Washington, DC signing on," then Yankee Doodle band music; fair, alone on channel.{A} [Connelly-MA] SEP 8 0459 - Under KGBT while WCKY was off the air; Yankee Doodle interval signal. [Conti-NH]
- 1566 **BENIN** *TWR Parakou* SEP 8 0359 - Poor in 1560 WFME interference; African accented talk and ethnic vocal. [Conti-NH]
- 1575 **ITALY** *Rai Radiouno*, Genova AUG 31 0400 - Pips, fanfare music, Italian talk; to fair peak over slop.{A} [Connelly-MA] SEP 2 0358 - Fair; pre sign-on clock tones parallel a weak 1062 kHz. [Conti-NH]

1602 **SPAIN** *SER* sychros SEP 8 0400 - Poor; time pips and *SER* fanfare. [Conti-NH]

Transatlantic carrier search: I hear a 1 kHz het on 1000 KTOK, so it's time to resume hunting. Some believe this is a waste, insignificant, but I know I am really getting all these signals from multiple countries, even if any audio for a 'definite ID' is unlikely here in deep North America. Usual method: On R75, 9-kHz steps tuning USB 1 kHz below each channel to detect tell-tale hets of 1000 Hz. SEP 6 0255-0304 - 531, 621, 684, 711, 774, 837, 954, 999, 1098, 1107, 1503, 1566, 1575 kHz. 621 stands out strongest, probably Canary Islands. 774 is on the minus side, maybe something local. Often pilot 999 is most likely COPE Spain by proximity and power 50 kW. Another search at 0538-0544 finds 549, 567, 621, 711, 747, 774(2), 837, 954, 999, 1107 kHz. AUG 20 0550 - 621 and 909 kHz, maybe Canary and UK; must beware of local receiver products on 9-kHz spacing, such as 1161 and 774; also something northeast/southwest at 0544 on 1413 kHz, but rather too late for the superpowers in Moldova and Oman. [Hauser-OK]

PAN-AMERICAN DX

- 550 **VENEZUELA** YVKE *Mundial*, Caracas AUG 17 0400 - Venezuela mention in talk by man, Venezuelan national anthem; good, over others.{A} [Connelly-MA]
- 560 **CUBA** *R.Rebelde*, Ciego de Avila AUG 4 0101 - Rebelde mention in fast Spanish talk by man; over WQAM/WFIL with WGAN in antenna null.{A} [Connelly-MA]
- 580 **MEXICO** XEMU Piedras Negras, Coah. SEP 4 1127 - Accordion tune to 1130, then news ("Noticiero Rancherita del Aire"), beginning with detailed weather for Coahulia and nearby estados; back to music at 1139. Can't seem to hear any call letters from them so not sure if they are still actually XEMU or have changed to XELRDA. The slogan is still the same. [Wilkins-CO]
- 580 **PUERTO RICO** WKAQ San Juan JUL 27 0400 - WKAQ cinco ochenta AM San Juan ID, list of affiliates; very good.{A} [Connelly-MA]
- 590 **ARGENTINA** LS4 *R.Continental*, Buenos Aires AUG 17 0500 - Tentative. 5+1 pips; in jumble. [Connelly-MA]
- 590 **CUBA** *R.Musical Nacional*, La Julia JUL 27 0400 - Man "desde la Habana, Cuba" followed by harp interval music, "Radio Musical Nacional" ID; dominant. AUG 4 0400 - Cuban anthem, harp interval music, ID "Radio Musical Nacional"; good. Pips from Argentina under.{A} [Connelly-MA] SEP 4 0230 - Opera music, Spanish talk, classical music. Fair and on top occasionally to very poor with CJCL and probably WROW. Parallel to cmbfradio.cu stream. [Snider-ON]
- 590 **DOMINICAN REPUBLIC** *R.Santa María*, Concepción de La Vega AUG 17 0501 - Male preacher in Spanish; over others with WEZE off air. [Connelly-MA]
- 610 **CUBA** *R.Rebelde*, Bueycito//Cienfuegos-Malecón//Guane AUG 17 0201 - Parallel 600, 620 with Rebelde 9-note attention signal. [Connelly-MA]
- 620 **CUBA** *R.Rebelde*, Colón AUG 17 0201 - Parallel 600, 610 with Rebelde 9-note attention signal. [Connelly-MA]
- 620 **MEXICO** XENK México, DF JUL 27 0400 - Radio Seis Veinte ID in other talk, then Percy Faith "Theme from A Summer Place." Per Mauno Ritola, "Announcing the address: Durango 341, Colonia Roma, Capital Federal, which belongs to XENK Radio 620, México." Thanks to Chuck Hutton, Mauno Ritola, Jari Savolainen, and Neil Kazaross (RealDX forum) for ID help.{A} [Connelly-MA]
- 630 **PUERTO RICO** WUNO San Juan JUL 27 0400 - List of NotiUno Seis Treinta affiliates; mostly over WPRO and Progreso Cuban.{A} [Connelly-MA]
- 640 **CUBA** *R.Progreso*, La Habana-Guanabacoa//Las Tunas-Jobabo JUL 27 0400 - Man with "Radio Progreso, cadena nacional" mention, theme vocal, Cuban anthem; loud.{A} [Connelly-MA]
- 650 **CUBA** *R.Progreso*, Ciego de Avila AUG 17 0500 - Progreso theme vocal and "Progreso... onda de la alegría, transmitiendo desde la Habana, Cuba"; over Colombia, others.{A} [Connelly-MA]
- 650 **MEXICO** XETNT Los Mochis, Sin. AUG 23 1200 - Radio 65 ID mentioning elevation of its antenna, presumably referring to FM where that matters. WTFDA FM Database shows XHTNT-FM on 100.5 from Los Mochis, 10/10 kW at a height AAT of 185.76 meters - which is nothing special, but admittedly higher than anything else in Los Mochis, and in fact exactly the same as for 104.3 XHREV-FM; hmm, and exactly same coordinates, which tell us something. XHTNT used to be on 106.5, commensurate with its AM slogan which they are still using and transmitting. Unfortunately awake this early, I had been tuning SRS Mexicans for a semihour and hearing most of the usuals below 800 kHz, although the more easterly ones were fading out circa 1140. Enid LSR 1156 UT, and XETNT now about to

- outfade. SEP 6 1159 - Concluding 'Buenos Dias, Yarderos' and then always weaker 610 XEGS Guasave joins parallel for news. [Hauser-OK]
- 660 **CUBA** *R.Progreso*, Jovellanos AUG 17 0400 - Progreso theme vocal, Cuban anthem; under WFAN.{A} [Connelly-MA] SEP 2 0400 - Under WFAN; choral national anthem parallel 640, 690, and 760 kHz. [Conti-NH]
- 690 **COLOMBIA** HJCZ, *W Radio*, Bogotá AUG 17 0200 - Parallel 700 with Spanish talk, pips, brassy fanfare music; mixed with CKGM. [Connelly-MA]
- 700 **BRAZIL** ZYK686 *Nossa Radio*, São Paulo JUL 20 0100 - Man with Portuguese religious talk, slight reverb; fair to good. Pips from co-channel Argentina under.{A} [Connelly-MA]
- 700 **COLOMBIA** HJCX, *W Radio*, Cali AUG 17 0200 - Parallel 690 with Spanish talk, pips, brassy fanfare music; mixed with WLW. [Connelly-MA]
- 700 **ECUADOR** HCRS2 *R.Sucre*, Guayaquil JUL 20 0500 - Radio Sucre ID; atop jumble of others.{A} [Connelly-MA]
- 700 **MEXICO** XEGD Hidalgo del Parral, Chih. SEP 6 1205 - "La Poderosa de Parral, 90.3." [Hauser-OK]
- 730 **COLOMBIA** HJCU *Cadena Melodia*, Bogotá JUL 21 0100 - Xylophone interval music, "Aquí Bogotá... capital de Colombia... transmite Melodia Estereo"; fair, dominant. JUL 28 0900 - Xylophone, "de Colombia" and "Melodia" mentions; over jumble.{A} [Connelly-MA]
- 740 **MEXICO** XEQN Torreón, Coah. SEP 6 1200 - Making horrible LAH on minus side of KRMG which soon takes over. [Hauser-OK]
- 760 **COLOMBIA** HJAJ, *RCN*, Barranquilla JUL 20 0100 - RCN Radio ID's, pips; good.{A} [Connelly-MA]
- 760 **CUBA** *R.Progreso*, Guane//Mayarí Arriba SEP 2 0400 - Under WJR; choral national anthem parallel 640, 660, and 690 kHz. [Conti-NH]
- 760 **MEXICO** unID AUG 26 0143 - WJR Detroit talk show suffers from a low audible het on the minus side. I pull some Mex music by nulling WJR, i.e. northwest/southeast, but it's hard to tell where this interference peaks, as there is more interference from Colorado really from the northwest. At 0156 an announcement in Spanish but can't copy any ID. Could it be Mexican? The most clockwise is on the Arizona border, XENY Nogales, Sonora. Was slightly off-minus, 29 months ago per mwoffsets: 759.9898 i.e. -10.2 Hz which unseems quite enough for the LAH I hear. While WJR itself was only 0.2 Hz high as of a dekamonth ago. IRCA Mexican Log last year shows XENY 5000/100 watts with music formats, but no mention of off-frequenciness. Perhaps someone closer can confirm its exact frequency (and existence). [Hauser-OK]
- 800 **BONAIRE** PJB *TransWorld Radio*, Kralendijk JUN 27 0100 - Woman in Spanish with Radio Transmundial and Bonaire mentions, then talk by man; loud. JUL 25 0100 - Woman "800 AM transmitiendo desde Bonaire, en el caribe holandese"; huge, way over domestics.{A} [Connelly-MA]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá JUL 21 0100 - Colombia mention and Caracol net ID in fast talk by man; way over WGY.{A} [Connelly-MA]
- 830 **MEXICO** XEDTI *Quiéreme*, México, DF AUG 22 1115 - "One More Night" by Phil Collins, man canned "Escuchas Quiéreme, 830 AM" into "Perfecta" by Miranda y Julieta Venegas. Full ID with calls, slogan, street location at 1128, into government PSA, promo for La Hora Nacional regional segment times for a couple of states, then pastor preaching (presumed brokered block), opening with a "señor dios" reference and mention of his church and phone number from 1130. Faded completely by 1135. Parallel station web stream with the preacher continuing through 1145 tune-out. This is the former Radio Capital branding. [Krueger-FL]
- 840 **CUBA** CMHW *DobleVé*, Santa Clara SEP 1 0343 - Spanish language music by female with strong vocals and male back up. No ID heard, but definitely parallel to cmhw.cu stream. Very poor under WHAS with another Spanish language station rising up occasionally. [Snider-ON]
- 840 **HAITI** *Radio-Télé 4VEH*, Cap Haitien-Petite Anse JUL 20 0100 - "Dashing through the Snow" 5-note electronic interval signal, man in French with 4VEH ID; over Cuba, WHAS, others.{A} [Connelly-MA]
- 860 **CUBA** *R.Reloj*, Jovellanos//Bolondrón AUG 17 0400 - Times in important cities around the world, doorbells between list items; mixed with CJBC. [Connelly-MA]
- 860 **MEXICO** XEMO Tijuana, BC AUG 8 1157 - Long prayer, then ID at 1200:30 by female voice: "XEMO La Poderosa Ocho Sesenta - música de recuerdo..." and then gave address in Marques de León, and "diez mil wats poderosa en San Diego y Tijuana," as well as website lapoderosa860.com (which is not functional); a "programa pagado" followed but was unable

to determine the subject or product being purveyed. Fair signal and not much interference around sunrise here. [Wilkins-CO]

- 860 **MEXICO** XEZOL Cd. Juárez, Chih. SEP 4 1201 - National anthem, followed by a prayer, I think; ID at 1205 giving call letters and address, of which I only heard "Edificio Mega Radio" and not much else. Heard a few other times lately at this time but always a tough copy and always under the more distant XEMO. [Wilkins-CO]
- 870 **ARGENTINA** LRA1 *R.Nacional*, Buenos Aires/General Pacheco AUG 17 0200 - 5+1 pips; mixed with Cuba. At 0400 pips and Argentina mention; over Reloj Cuban.{A} [Connelly-MA]
- 870 **CUBA** *R.Reloj*, Baracoa-Van Van//Bueycito//Sancti Spíritus JUL 27 0400 - Clock ticks every second, *R.Reloj* ID by man, "RR" beeps at minute-top; good.{A} [Connelly-MA]
- 900 **CUBA** *R.Progreso*, San Germán-Urbano Noris JUL 27 0400 - Progreso theme vocal, ID "Radio Progreso, cadena nacional"; good.{A} [Connelly-MA]
- 900 **MEXICO** XEW México, DF SEP 3 1133 - Presumed with Spanish and mentions of Mexico. Possible only because local 910 KPOF IBOC was briefly off. Still very poor copy. [Wilkins-CO]
- 1000 **COLOMBIA** HJAQ, RCN, Cartagena JUL 5 0059 - RCN La Radio ID; on USB to dodge 999 Spain. [Connelly-MA]
- 1030 **ARGENTINA** LS10 *Radio del Plata*, Buenos Aires/San Martín JUL 21 0348 - Depeche Mode "Everything Counts"; under WBZ. Station webstream audio inserted after 18 sec. on audio clip for comparison. AUG 17 0341 - Blondie "One Way or Another"; nearly equal to WBZ. Webstream audio inserted 22-43 sec. on audio clip for comparison. At 0502 Janis Joplin/Big Brother & the Holding Company "Down on Me"; slightly under WBZ. Webstream audio inserted after 20 sec. on audio clip for comparison.{A} [Connelly-MA]
- 1060 **CUBA** *Radio 26*, Jovellanos JUL 27 0400 - Electronic sounder, Cuban national anthem; slugging it out with KYW.{A} [Connelly-MA]
- 1100 **COLOMBIA** HJAT *Caracol Radio*, Barranquilla JUN 29 0200 - Hora Caracol and Caracol de Colombia mentions; good, way over WTAM.{A} [Connelly-MA]
- 1110 **CUBA** *R.Angulo*, Holguín JUN 29 0200 - Spacey signature music, *R.Angulo* ID by man, 6-note chimes; slightly under WBT.{A} [Connelly-MA]
- 1180 **CUBA** *R.Rebelde*, multiple sites JUL 25 0100 - 9-note attention signal, Spanish talk; huge, local-like.{A} [Connelly-MA]
- 1300 **MEXICO** XEP Cd. Juárez, Chih. AUG 13 0551 - ID right away at tune-in, "Radio Mexicana, 1300 AM," and shortly an oración. Sounding much more like 38 kW day power than 200 watts night, per WRTH, which also calls this "Fiesta Mexicana". [Hauser-OK]
- 1350 **MEXICO** unID AUG 22 1102 - Choral anthem in progress until 1106, man right after. Threshold, impossible to ID. First Mexican for me on 1350 kHz from here or my previous Florida location. [Krueger-FL]
- 1390 **MEXICO** unID AUG 13 1102 - Very different slow, orchestral version of the Mexican anthem in progress. Poor, and lost immediately after to WMER. Unheard since on almost daily checks to date. [Krueger-FL]
- 1530 **MEXICO** XEUR México, DF AUG 29 0600 - Not hearing WCKY on tonight. "Beat It" Michael Jackson, a version of "Don't Let Me Be Misunderstood", "Who Can It Be Now" Men At Work, ID at 0701 "Extasis Digital... México..." Fair at times to very poor with another unidentified Spanish language talker. Parallel to Tune In stream. [Snider-ON]
- 1620 **U.S. VIRGIN ISLANDS** WDHP Frederiksted SEP 7 0200 - Under *R.Rebelde*; soca music. [Conti-NH]



TRANS-PACIFIC DX

- 846 **KIRIBATI** *R.Kiribati*, London SEP 6 0538 - During TA carrier search, also one here slightly stronger and steadier which I know is far more likely to be TP, i.e. *R.Kiribati* already at approximately an hour after its LSS. [Hauser-OK]
- 972 **SOUTH KOREA** HLCA Dangjin AUG 22 1153 - Fair het on peaks with occasional bits of audio, i.e. man and woman chatting in Korean. Just weak hets from the Japan powerhouses on 747 and 774 kHz. [Wilkins-CO]

CONTRIBUTORS

Mark Connelly WA1ION, South Yarmouth MA; Elad FDM-S2, cardioid pattern SuperLoop 9m vertical by 20m horizontal (peak 75°, null 255°), cardioid pattern Kaz Delta 6m vertical by 14m horizontal (peak 160°, null 340°), {A} in entry indicates audio can be accessed at www.qsl.net/wa1ion/doc1/audio_2019.htm.

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

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

Terry L. Krueger, Niceville FL; IC-R75, ICF-7600GR, active loop.

Paul Snider, London ON; Elad FDM-S2, Pixel Pro 1B loop, MFJ-1020C as tuner.

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

73 and Good DX!

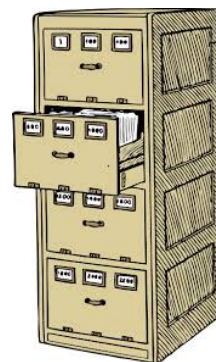
From the *DX News* archives

75 Years Ago – From the September 9, 1944 issue of *DX News*: Effective September 15, the NRC will become a medium-wave only club, dropping the shortwave loggings and news section. The Board of Directors, by an 8-1 vote, took this decision as the section was not well supported by members' reports and it had been difficult to find a knowledgeable editor to ensure the quality of the column. A small Labor Day gathering of members at Kittanning, Pa., was a wartime substitute for the annual convention.

50 Years Ago – From the August 23, 1969 issue of *DX News*: Gordon Nelson's feature article introduced the FET ("Field Effect Transistor") Altazimuth Loop antenna. Jim Renfrew of New Caanan, Conn., reported hearing 647 stations on a trip to New Mexico and back. Several members reported hearing traces of the announced new station on Anguilla (1505) but no solid loggings yet.

25 Years Ago – From the September 18, 1994 issue of *DX News*: Twelve DX tests were on the schedule for October, including from KA2XAU-1620. Tony Fitzherbert penned a profile of WOPA-1200 "La WOPA," Chicago, and Dallas Lankford reviewed the military surplus RA6790/GM receiver. Mark Connelly wrote a feature about the new craze of the "mini-DXpedition."

10 Years Ago – From the August 17, 2009 issue of *DX News*: All was set for the annual NRC Convention in Allentown, Pa., over Labor Day Weekend. IDXD reported that Mexico would be following Canada in migrating many AM station to FM. John Bryant's July DXpedition to Grayland, Wash., netted 25 stations from Australia, 17 from New Zealand, 7 from Japan, plus South Korea and Tahiti. Mark Connelly reported on a gathering of Cape Cod DXers hosted by Marc DeLorenzo and Chris Black.

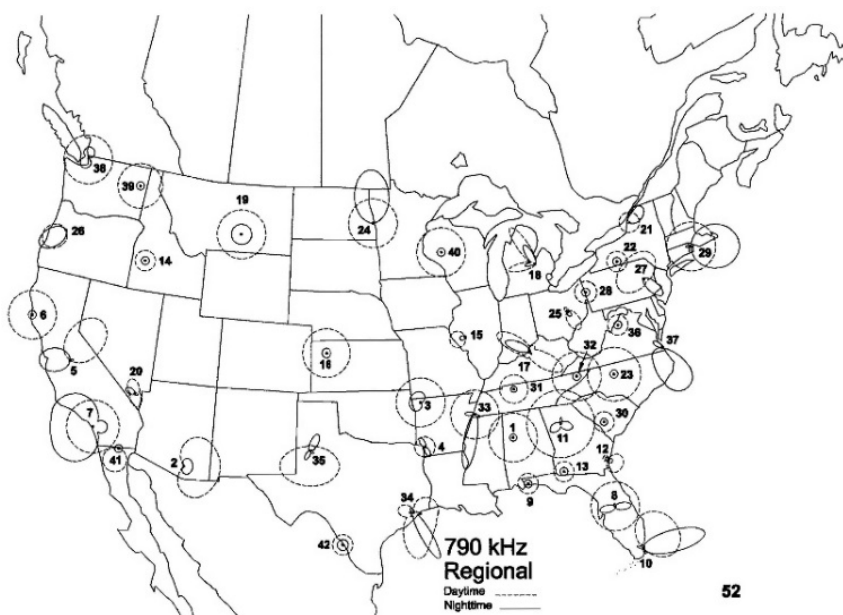


NRC Antenna Pattern Book 8th Edition

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\$41.15 and all other countries are US\$52.65, both shipped Global Priority Mail.

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



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 2019 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.

Some of the online lists cannot be cut-and-pasted, as they are graphical images. One could create a 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. Given that there were call letter changes as far back as 2013 that are not reflected online, I am not sure if the lists I found are current.

I still have not found 2019 lists for the Atlanta Falcons and Los Angeles Chargers.

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

The announcer names are found at this URL:

http://en.wikipedia.org/wiki/List_of_current_NFL_broadcasters

That page seems to have been updated for the 2019 season, but 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. This year more teams did not have their lists on the "team.nfl.com" web site, so I found them on other sites that did not have a "Do Not Reproduce" statement.

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 (renamed to Dial Global Sports and in 2013 and then renamed to WestwoodOne Sports) will broadcast NFL games that occur Sunday nights, Monday nights, and Thursday nights. I could not find a network list. This URL <http://westwoodonesports.com/football-announcers/> has the list of announcers. Here are the announcer teams:

Monday night: Kevin Harlan, Kurt Warner, Jim Gray (studio host)

Sunday night: Kevin Kugler, Jason Taylor or Mike Mayock, Scott Graham

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

Sideline reporters: Ed Werder, Hub Arkush, Laura Okmin, Ross Tucker, Scott Kaplan, Steve Tasker

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, Paul Calvisi
	100.3	KQMR-AZ	SS	Gabriel Trujillo, Rolando Cantu
	105.1	KHOV-AZ	SS	
Atlanta Falcons	790	WQXI-GA		Wes Durham, Dave Archer, John Michael
	94.1	WSTR-GA		
Baltimore Ravens	1090	WBAL-MD	EE	Gerry Sandusky, Jarret Johnson
	101.5	W268BA-MD	EE	
	97.9	WIYY-MD	EE	
	87.7	WDCN-VA	SS	??
Buffalo Bills	550	WGR-NY		John Murphy, Eric Wood, Sal Capaccio
Carolina Panthes	102.7	WPUB-SC		Mick Mixon, Jim Szoke, Eugene Robinson
	99.3	WBT-SC		
Chicago Bears	780	WBBM-IL	EE	Jeff Joniak, Tom Thayer, Mark Grote
	105.9	WCFS-IL	EE	
	1200	WRTO-IL	SS	Hector Lozano, Omar Ramos, Carlos Mendez
	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	EE	Dave Logan, Rick Lewis, Susia Wargin
	94.1	K231BQ-CO	EE	
	94.1	K231AA-CO	EE	
Detroit Lions	760	WJR-MI		Dan Miller, Lomas Brown
Green Bay Packers	620	WTMJ-WI		Wayne Larrivee, Larry McCarren
	103.3	W277CV-WI		
Houston Texans	610	KILT-TX	EE	Marc Vandermeer, Andre Ware, John Harris
	100.3	KILT-TX	EE	
	101.1	KLOL-TX	SS	*Enrique Vasquez, Gustavo Rangel
Indianapolis Colts	1070	WFNI-IN		Matt Taylor, Jim Songi, Laura Overton
	93.5	W228CX-IN		
	97.1	WLHK-IN		
Jacksonville Jaguars	1010	WJXL-FL		Frank Frangie, Jeff Lageman, Tony Boselli, Rick Ballou
	92.5	WJXL-FL		
	99.9	WGNE-FL		
Kansas City Chiefs	101.1	KCFX-MO		Mitch Holtus, Kendall Gammon, Dani Welniak, Art Hains, Len Dawson
Los Angeles Chargers	640	KFI-CA	EE	Matt "Monkey" Smith, Daniel Jeremiah, Shannon Farren
	980	KFWB-CA	SS	Mario Solis, Jorge Villanueva
Los Angeles Rams	710	KSPN-CA	EE	J. B. Long, Maurice Jones-Drew, D'Marco Farr
	1330	KWKW-CA	SS	Troy Santiago, Ricardo Lopez
Miami Dolphins	560	WQAM-FL	EE	Jimmy Cefalo, Bob Griese, Joe Rose, 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, Greg Coleman, Ben Leber
New England Patriots	98.5	WBZ-MA		Bob Socci, Scott Zolak
New Orleans Saints	870	WWL-LA	EE	Zach Strief, Deuce McAllister, Steve Geller
	105.3	WWL-LA	EE	
	105.7	KGLA-LA	SS	Mario Jerez, Juan Carlos Ramos, Victor Quiroz
	97.5	K248BB0LA	SS	
	1540	KGLS-LA	SS	
	830	WFNO-LA	SS	
New York Giants	660	WFAN-NY	EE	Larry Michael, -Paul Dottino, David Diehl, Roman Oben
	92.7	WQBU-NY	SS	Nestor Rosario, Francis Adames
New York Jets	98.7	WEPN-NY	EE	Bob Wischusen, Marty Lyons, Larry Hardesty
	1050	WEPN-NY	SS	Clemson Smith-Muñiz, Pscar Benitez
Oakland Raiders	740	KCBS-CA	EE	Brent Musberger, Lincoln Kennedy, Chris Trwnsend, Tim Cates
	106.9	KFRC-CA	EE	
	95.7	KGMZ-CA	EE s	
	104.7	K284CM-CA	SS	Anbrosio Rico, Fernando Arias
	890	KVMX-CA	SS	
Philadelphia Eagles	94.1	WIP-PA	EE	Merrill Reese, Mike Quick
	105.7	W289AZ-PA	SS	
Pittsburgh Steelers	970	WBGG-PA		Bill Hillgrove, Tunch Ilkin, Craig Wolfey, Missi Matthews
	102.5	WDVE-PA		
San Francisco '49ers	680	KNBR-CA	EE	Greg Papa, Tim Ryan
	810	KGO-CA	EE	
	107.7	KSAN-CA	EE	
	---	-----	SS x	Carlos Ramirez, Jesus Zarate
Seattle Seahakws	710	KIRO-WA		Steve Raible, Dave Wyman
	97.3	KIRO-WA		
Tampa Bay Buccaneers	97.9	WXTB-FL	EE	Gary Deckerhoff, Dave Moore, T. J. Rives
	96.1	WTMP-FL	SS	Martin Gramatica

	1470	WMGG-FL	SS			
Tennessee Titans	104.5	WGFX-TN		Mike Keith, Dave McGinnis, Rhett Bryan, Jonathan Hutton, Amie Wells, Mark Howard		
Washington Redskins	980	WTEM-DC		Larry Michael, Sonny Jurgensen, Rick "Doc" Walker, Chris Cooley		
	105.9	WMAL-VA				

Arizona Cardinals 2019 (EE) Dave Pasch, Ron Wolfey, Paul Calvisi

<https://www.azcardinals.com/news/media-guide/201> Section 6 pages 386/7) (08/19/2019)

560	KBLU-AZ	1230	KATO-AZ	92.1	KZUA-AZ	98.7	<u>KMVP-AZ</u>
600	KVNA-AZ	1340	KIKO-AZ	94.3	KDDL-AZ	a	100.1 <u>KGMN-AZ</u>
780	KAZM-AZ	1450	KTZR-AZ	96.1	KWRK-AZ	b	106.7 <u>KNKI-AZ</u>
980	KNTR-AZ						

Arizona Cardinals 2019 (SS) Gabriel Trujillo, Rolando Cantu

<https://www.azcardinals.com/news/media-guide/201> (Section 6 pages 386/7) (08/19/2019)

92.5	K223CI-AZ	100.3	<u>KQMR-AZ</u>	105.1	<u>KHOV-AZ</u>		
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Atlanta Falcons 2019 Wes Durham, Dave Archer, John Michael

I have not found a current network list.

Baltimore Ravens 2019 (EE) Gerry Sandusky, Jarret Johnson

<https://www.baltimoreravens.com/game-day/coverage> (08/19/2019)

910	WSBA-PA	1470	WTTR-MD	93.9	W230CQ-PA p	101.5	<u>W268BA-MD</u> p
960	WTGM-MD	1490	WARK-MD	96.1	W241AO-MD p	102.3	<u>W272CX-MD</u> p
1050	WLYC-PA	1530	WCTR-MD	97.9	<u>WIYY-MD</u>	104.7	<u>W284CQ-DC</u> p
1090	<u>WBAL-MD</u>			98.9	W255CP-MD p	106.3	<u>WCEM-MD</u>
1240	<u>WCEM-MD</u>	87.7	<u>WDCN-VA</u> So	99.9	W260BM-MD p	106.9	<u>W295CJ-MD</u> p
1290	WWTX-DE	92.7	WGMD-DE	101.1	WWDC-DC	107.1	<u>WCBC-WV</u>
1430	WNAV-MD		W224AI-PA				

Buffalo Bills 2019 John Murphy, Eric Wood, Sal Capaccio

<https://www.buffalobills.com/audio/radio-network> (08/27/2019)

The list is the same as last year, but the URL is different.

550	<u>WGR-NY</u>	1330	WSPQ-NY	92.7	WQTK-NY	96.5	<u>WCMF-NY</u>
590	<u>CJCL-ON</u>	1370	WWCB-PA D	93.3	WWSE-NY	97.1	<u>WYXL-NY</u> o
900	<u>CHML-ON</u>	1380	WABH-NY	94.1	WOTT-NY	100.1	<u>WBRR-PA</u>
950	<u>WROC-NY</u>	1400	WDNY-NY	94.9	W235BP-NY p	100.9	<u>WKRL-NY</u>
1120	<u>WKAJ-NY</u>	1410	WDOE-NY	95.7	WPIG-NY	101.9	<u>WZKZ-NY</u>
1230	<u>WMML-NY</u>		<u>WELM-NY</u>				
1240	<u>WJTN-NY</u>	1420	<u>WACK-NY</u>				

Carolina Panthers 2019 Mick Mixon, Jim Szoke, Eugene Robinson

<http://www.panthers.com/news/radio.html> (08/19/2019)

570	WWNC-NC	1280	WSAT-NC	94.1	W231CE-VA p	102.3	<u>WMFX-SC</u>
580	WLVA-VA A	1340	WYNF-GA	94.3	WSCC-SC	102.7	<u>WPUB-NC</u> p
590	WCAB-NC		WHAP-VA	97.3	WPLY-VA	103.3	<u>WEGO-NC</u>
610	WPLY-VA	1390	WOHS-NC	98.5	W253BT-VA p		<u>WSAT-NC</u>
810	WPIN-VA	1400	WSIC-NC	99.3	WZAX-NC	103.7	<u>WTIB-NC</u>
920	WYMB-SC	1410	WEGO-NC		<u>WBT-SC</u>	104.5	<u>W283CE-NC</u> p
960	WRNS-NC		WVCB-NC	99.9	WCMC-NC	105.9	<u>W290DK-NC</u> p
1010	WSPC-NC	1450	WHKP-NC	100.1	WWFN-SC	106.1	<u>W291CL-VA</u> p
1050	WLON-NC		WIZS-NC	100.3	WSEA-SC	106.3	<u>WUDE-NC</u>
1080	WKGX-NC	1590	WCSL-NC	100.7	W264CU-NC p	107.1	<u>WTKF-NC</u>
1230	WNNC-NC			100.9	WIFM-NC		<u>WRHM-SC</u>
1240	WJNC-NC	92.3	WKRR-NC		WSTS-NC	107.3	<u>WVSZ-SC</u>
1250	WKDX-NC	93.7	WNTB-NC	101.1	WROQ-SC	107.7	<u>W299BZ-NC</u> p

Chicago Bears 2019 (EE) Jeff Joniak, Tom Thayer, Mark Grote<http://www.nfl.com/media-guides> Bears Media Guide page 461 (08/27/2019) – as of June 1, 2019

780	<u>WBBM-IL</u>	1450	WFMB-IL	93.5	KJOC-IA	99.1	WYXY-IL
1050	WDZ -IL	1600	WARU-IN		WKHY-IN	101.7	WIVR-IN
1060	WRHL-IL			94.3	WZOC-IN	101.9	WARU-IN
1150	KCPS-IA	92.7	WLSR-IL	95.5	WGLO-IL	103.5	WXLT-IL p
1280	WBIG-IL		WVLI-IL	96.7	WFML-IN	105.9	<u>WCFS-IL</u>
1330	WNTA-IL			97.7	WLQI-IN 1		

Cincinnati Bengals 2019 Dan Hoard, Dave Lapham, Wayne "Box" Miller<https://www.bengals.com/audio> (08/20/2019)

600	WKYH-KY	1300	WMVO-OH	92.1	WBVX-KY	102.7	<u>WEBN-OH</u>
700	<u>WLW-OH</u>		WJYP-WV	95.1	WWZB-KY	104.5	WLOH-OH
790	WKRD-KY	1340	WCMI-KY	95.3	W228DJ-WV op	104.7	WTUE-OH
930	WRVC-WV		WMON-WV	95.9	WKID-IN	105.7	WXZX-OH
970	WATH-OH	1480	WTLO-KY	96.7	WBVI-OH	106.7	W294AF-WV p
990	WTIG-OH	1490	WMOA-OH		WCSM-OH		W294CN-OH p
1010	WIOI-OH		WMRN-OH	99.3	W257EQ-OH p		
1150	WIMA-OH	1530	<u>WCKY-OH</u>	102.3	WCYN-KY		
1270	WQTT-OH				WHIZ-OH		

Cleveland Browns 2019 Jim Donovan, Doug Dieken, Nathan Zegura<https://www.clevelandbrowns.com/media/radio> (08/20/2019)

850	<u>WKNR-OH</u>	1480	WHBC-OH	94.3	WKKI-OH	101.1	W266BG-OH p
1300	KAKC-OK	1540	WBTC-OH	95.3	WZLR-OH	101.9	W27-CI-OH p
1370	WWCB-PA D	1590	WAKR-OH	97.5	WONE-OH	103.1	WQFX-PA
1400	KREF-OK	1600	WKKX-WV	98.1	W251CY-WV p	104.5	WQKT-OH
1430	WFOB-OH			98.5	<u>WNCX-OH</u>	104.7	WKKY-OH
1440	WHKZ-OH	92.3	<u>WKRK-OH</u>	98.9	WTOH-OH	106.1	WVNO-OH o
	WRGM-OH	93.1	WWSR-OH	100.9	WJAW-OH	107.1	W296BW-PA p
1450	WJER-OH	94.1	WHBC-OH		WMJK-OH		
	WPSE-PA						

Dallas Cowboys 2019 (EE) Brad Sham, Babe Laufenburg, Kristi Scales<https://dfw.cbslocal.com/about/dallas-cowboys-radio-network/> (08/20/2019)

Due to blackout restrictions and local conflicts, stations may not air all games. Affiliate list may fluctuate slightly from week to week.

600	KROD-TX B	1400	KWON-OK	95.7	KBST-TX	100.1	KYBI-TX
670	KHGZ-AR p		KKTK-TX		KPUR-TX p	100.7	KTYK-TX p
710	KEEL-LA		KREW-TX	95.9	KCKL-TX	100.9	K265DV-TX
760	KTKR-TX B	1430	KTBZ-OK	96.1	KCTX-TX	101.3	K267AI-TX
860	KPAN-TX	1440	KETX-TX	96.9	KQBZ-TX p	101.7	KQTM-NM
900	KPYN-TX	1550	KCOM-TX	97.1	KVRP-TX o	101.9	KBUS-TX
910	KNAF-TX	1580	KGAF-TX	97.3	KTTU-TX o	102.1	KTRA-NM
920	KARN-AR	1660	KRZI-TX	97.5	KGKL-TX	103.9	KBEY-TX
960	KGKL-TX	1700	KVNS-TX	97.7	KALK-TX		KMHT-TX B
1200	WOAI-TX			98.1	KTLT-TX	104.3	KGAS-TX
1240	KVSO-OK	88.1	KHOY-TX	98.3	KPTX-TX	104.7	KYYI-TX t
	KVLF-TX B	92.3	KNFM-TX		KYYK-TX	104.9	KTXS-TX
1330	KTON-TX Gp	92.9	KTZA-NM	98.5	KIJT-TX p	105.3	<u>KRLD-TX</u>
1340	KGHM-OK	93.1	KSTV-TX	98.9	K225BH-AR p	105.5	<u>KQXX-TX</u>
1360	KKTX-TX	93.9	KBNU-TX	99.3	KAPW-TX p	106.9	KRVF-TX
1390	KHOB-NM	95.5	K238BF-TX op				

Dallas Cowboys 2019 (SS) Victor Villalba, Andres Arce, Luiz Perez<https://dfw.cbslocal.com/about/dallas-cowboys-radio-network/> (08/20/2019)

Cowboys Spanish Language Radio Network: Cadena de Plata Radio

750	KAMA-TX	1310	KZIP-TX	92.1	KSYR-LA	104.7	KTXC-TX
1240	KXYL-TX	1450	KIKR-TXE	94.7	KGRW-TX	106.1	KPZE-NM
1250	KZDC-TX	1510	KBED-TX E	103.1	KVJM-TX	107.5	<u>KMVK-TX</u>
1260	KTAE-TX o	1530	KGBT-TX	103.9	KRIA-TX		
1270	<u>KFLC-TX</u>						

Denver Broncos 2019 (EE) Dave Logan, Rick Lewis, Susia Wargin<https://koanewsradio.ihheart.com/featured/koa-denver-broncos/content/2018-06-05-broncos-radio-network-affiliate-stations/> (08/20/2019) – as of July 2019

550	KRAI-CO		KCQL-NM	87.7	KSHW-WY	101.7	KSKE-CO	
600	KCOL-CO		KKAM-TX	92.1	KFRZ-WY		KDJM-KS	
610	KCSR-NE		KWOR-WY	92.3	KSTH-CO	102.1	KSMT-CO	
670	KMZQ-NV	J	KYCN-WY	92.5	KCRT-CO	p 102.3	KSPK-CO	
730	KLOE-KS	1350	KDZA-CO	93.5	KALQ-CO		KEDU-NM	
850	<u>KOA -CO</u>	1370	KGNO-KS	93.7	K229CL-NM	p 102.5	KKCI-KS	
930	KRKY-CO	1380	KOTA-SD	93.9	K230BY-KS	p 103.1	KYDT-WY	
	KOGA-NE	1400	KWUF-CO	94.1	<u>K231AA-CO</u>	P 104.1	KBVC-CO	
960	CFAC-AB		KLIN-NE		<u>K231BQ-CO</u>	p	KNAB-CO	
	KNEB-NE	1410	KGSO-KS	94.5	K233AN-NE	op 104.3	K282BP-MT	p
1010	KSIR-CO		KOOQ-NE	95.5	KEZF-WY		KFZE-WY	
1030	KTWO-WY		KWYO-WY	96.1	KSTR-CO	104.5	KSTY-CO	
1140	KNAB-CO	1440	KRDZ-CO	96.5	KSLV-CO	105.7	KOMX-CO	p
1180	KOFI-MT	1450	KAVP-CO		KBKZ-NM		KVAY-CO	
1240	KCRT-CO		KBFS-SD	97.5	KAVP-CO		KRMR-KS	
	KSLV-CO		KBBS-WY	97.9	KTAG-WY	p	KRDR-OK	
	KASL-WY	1470	KDHN-TX	98.1	KSKZ-KS	106.1	KNFO-CO	
	KFBC-WY		KYYW-TX	99.1	KMTS-CO		KXXL-WY	
1260	KPOW-WY		KKTY-WY		KWYW-WY	107.3	KQZR-CO	
1290	KOWB-WY	1490	KNAM-CO	99.3	KTGA-WY	107.9	KBPL-CO	
1300	KBRL-NE		KPKE-CO	100.5	KRSJ-CO		KZRS-KS	
1330	KOVE-WY	p	KGOS-WY					
1340	KGKG-CO	p	1600	KIVA-NM	p			

Detroit Lions 2019 Dan Miller, Lomas Brown<http://www.wjr.com/lions/> (08/20/2019)

590	WJMS-MI	1450	WHTC-MI	94.1	WUPK-MI	100.3	WQON-MI	
	WKZO-MI	1460	WBRN-MI	94.9	W235CM-MI	p 100.7	WWTH-MI	
760	<u>WJR-MI</u>	1490	WTIQ-MI	95.3	WWSS-MI	p 101.1	WUPY-MI	
1240	WJIM-MI	1590	WHLX-MI	96.7	WRGZ-MI	101.9	W270CJ-MI	p
1310	WCCW-MI			97.7	WTGV-MI	103.7	WCSY-MI	
1330	WTRX-MI	92.1	WCSR-MI	98.1	WGFN-MI	104.7	WYKX-MI	
1340	WCSR-MI		WIDL-MI	98.3	WLCS-MI	106.5	WTOD-OH	
	WMBN-MI	93.1	WIMK-MI	98.7	WGLI-MI	106.9	W295CL-MI	p
1370	WGHN-MI	93.3	WKQZ-MI	99.3	WBET-MI	107.3	WTNR-MI	p
1380	WPHM-MI	93.7	WKAD-MI		W257CZ-MI	p 107.7	W299BE-MI	p
1400	WCCY-MI	93.9	WNBY-MI	99.7	W259CO-MI	op		
	WSJM-MI							

Green Bay Packers 2019 Wayne Larrivee, Larry McCarren<https://www.packers.com/video/radio-network> (08/20/2019)

550	WSAU-WI	92.3	WJMQ-WI	97.1	WGLQ-MI	101.5	WJNR-MI	
580	WKTY-WI		WRLS-WI		WCOW-WI		WIBA-WI	
620	WTMJ-WI	*	W244DE-WI	p 97.7	WGLR-WI	102.3	WAUH-WI	
710	WDSM-WI		WDUX-WI	98.1	W251CD-WI	p	WHTL-WI	
940	WFAW-WI	93.7	WCYE-WI	98.3	WCQM-WI	102.9	WBDL-WI	
1230	WFXN-IL	94.3	WQPC-WI	99.1	KSOO-SD	103.3	W277DV-WI	p
	WCLO-WI	94.9	WUPZ-MI	99.3	WKEB-WI		W277CV-WI	*p
1240	WOMT-WI	95.1	W236CO-WI	p 99.7	WIMI-MI	105.3	WRLO-WI	
1310	WIBA-WI		WLST-WI	99.9	WJVL-WI	105.7	WCUP-MI	
1330	WHBL-WI	95.3	WXRO-WI		WSAU-WI		WAPL-WI	
1550	WEVR-WI	96.1	WJMC-WI	100.7	WBIZ-WI	106.3	WEVR-WI	
		96.7	W244FM-WI	p 100.9	WRCO-WI	107.1	WFON-WI	
				101.1	WIXX-WI	107.3	WNXR-WI	
						107.9	W300EE-WI	p

Houston Texans 2019 (EE) Marc Vandermeer, Andre Ware, John Harris**Houston Texans 2019 (SS)** -Enrique Vasquez, Gustavo Rangel<https://www.houstontexans.com/audio/radio-networks> (08/20/2019)

DO NOT REPRODUCE.

Indianapolis Colts 2019 Matt Taylor, Jim Songi, Laura Overton<https://www.colts.com/team/mediaguides> page 675 (08/30/2019)

680	WHBE-KY	1450	WXVW-IN	95.5	W238BH-IN op	100.9	WZUS-IL
740	WVLN-IL	1480	WRSW-IN	95.9	WEFM-IN	102.9	W275AJ-IN p
860	WMRI-IN	1490	WDAN-IL	96.1	W241AD-IN p	103.3	WAXL-IN
960	WSBT-IN	1510	WJOT-IN		WQLK-IN	103.9	WIMC-IN
1070	<u>WFNI-IN</u>			96.7	WORX-IN	105.5	WZJK-IN p
1090	WCRA-IL	92.1	WROI-IN	97.1	<u>WLHK-IN</u>	105.7	WCJZ-IN
1140	WAWK-IN		WZDM-IN	97.9	WSLM-IN		WHBE-KY
1190	WOWO-IN	92.7	WZBD-IN	98.1	WIBN-IN	105.9	WJOT-IN
1320	WBRT-KY	93.5	WMXQ-IN	98.5	WMYK-IN	106.5	WWBL-IN
1340	WBIW-IN		<u>W228CX-IN</u> p	98.7	WASK-IN	106.7	WYFX-IN
	WXFN-IN	94.3	WREB-IN	99.5	W258CQ-IL p	107.3	WRZQ-IN
1370	WGCL-IN		W232DK-IN p	99.7	W259BJ-IN p	107.5	WABX-IN
1440	WPGW-IN	94.5	WRZR-IN	100.5	W263AQ-IL p		W298BJ-IN p

Jacksonville Jaguars 2019 Frank Frangie, Jeff Lageman, Tony Boselli, Rick Ballou<https://www.jaguars.com/media/mediaguide> page 256 (08/20/2019)

660	WDYZ-FL	92.5	<u>WJXL-FL</u>	105.5	W288CJ-FL p	106.5	WMDC-GA p
1010	<u>WIXL-FL</u>	96.3	W242BE-GA p	105.9	WVGA-GA	107.3	WLGK-GA v
		96.5	WAOC-FL	106.3	WKBX-GA		

Kansas City Chiefs 2019 Mitch Holtus, Kendall Gammon, Dani Welniak, Art Hains, Len Dawson<http://www.kcchiefsradio.com/affiliate-team/> (08/20/2019)

590	KFNS-IL	1360	KSCJ-IA	93.5	KLKC-KS	100.3	KDVV-KS
680	KFEQ-MO	1370	KIOL-KS		KTGX-OK		KRDQ-KS
690	KGGF-KS	1380	KUVR-NE	93.7	KK229CL-KS p		K262CQ-KS p
780	WJAG-NE	1420	KJCK-KS	94.5	K233CF-KS p	100.9	KCLY-KS
790	KXXX-KS		KBTN-MO		KRXL-MO	101.1	<u>KCFX-MO</u>
860	KKOW-KS	1430	KKOZ-MO	94.9	K235CA-IA p		K266AN-IA p
870	KAAN-MO		KRGI-NE	95.1	KAMS-AR	101.7	KVOE-KS
910	KINA-KS	1450	KWBW-KS		KTKS-MO		KHST-MO
990	KRMO-MO		KYNT-SD	95.5	KAAN-MO	102.9	KMMO-MO
1130	KLEY-KS	1530	KQNK-KS	96.3	KZDY-KS	103.3	K277CA-NE p
1210	KGYN-OK	1540	KLKC-KS	96.7	KBBE-KS	103.9	KOMB-KS
1220	KJAN-IA		KNGL-KS	96.9	K245CK-NE p	104.3	KVGB-KS
	KGIR-MO	1550	KKLE-KS		KFIX-KS	104.5	KUMR-MO
1230	KTNC-NE	1590	KYNG-AR	97.3	KKJQ-KS	104.7	KKLH-MO
1240	KFMO-MO	1600	KMDO-KS	97.5	KPAK-OK	104.9	KXEA-MO
	KYRO-MO	1700	KBGG-IA	97.9	KICK-MO	105.3	KINB-OK
	KFOR-NE			98.5	K252BP-KS p	105.5	K288HC-NE op
1280	KYRO-MO	92.1	KKOZ-MO	98.7	KNSS-KS	105.9	K290AT-KS p
1290	KMMM-KS	92.3	KSDL-MO	99.1	KSEK-KS	106.1	KKOW-KS u
	KOIL-NE	92.7	KASR-AR F		KDWD-MO		KTGX-OK
1300	KMMO-MO		KSJQ-MO	99.9	KSKG-KS	106.3	K291HJ-KS p
1330	KNSS-KS	92.9	KLSC-MO		KIRK-MO	106.7	KQNK-KS
1350	KMAN-KS	93.3	K227CS-KS p	100.1	KBBM-MO	107.1	K296HK-NE
	KRAP-MO				KKWK-MO	107.3	KLPW-MO
					K261ET-MO p		

Los Angeles Chargers 2019 (EE) Matt "Monkey" Smith, Daniel Jeremiah, Shannon Farren<https://www.gotknowhow.com/articles/listen-to-los-angeles-chargers-radio-online> (08/30/2019)

570	KLAC-CA H	800	KBFP-CA	1360	KLSD-CA H		K232CX-CA p
610	KAVL-CA	910	KMPS-CA	1400	KALZ-CA w	101.3	KATY-CA
630	KPLY-NV I	1250	KNWH-CA			101.5	KGB -CA
640	<u>KFI-CA</u>	1340	KRLV-NV	94.3	K232CS-CA p	107.5	KXO -CA H

Los Angeles Chargers 2019 (SS) Mario Solis, Jorge Villanueva<https://www.gotknowhow.com/articles/listen-to-los-angeles-chargers-radio-online> (08/30/2019)

980	<u>KFWB-CA</u>	1370	XEHG-MX	1420	XEXX-MX	89.1	XHEPF-MX
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Los Angeles Rams 2019 (EE) J.B. Long, Maurice Jones-Drew, D'Marco Farr

Los Angeles Rams 2019 (SS) Troy Santiago, Ricardo Lopez

I have not found a current network list.

Miami Dolphins 2019 (EE) Jimmy Cefalo, Bob Griese, Joe Rose, Kim Bokamper

<https://media.miamidolphins.com/> Media Guide page 614 (08/20/2019)

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

Miami Dolphins 2019 (SS) Roly Martin, Eduardo Martell

<https://media.miamidolphins.com/> Media Guide page 614 (08/20/2019)

760	WEFL-FL	1140	<u>WQBA-FL</u>					
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Minnesota Vikings 2019 Paul Allen, Pete Bercich, Greg Coleman, Ben Leber

<https://www.vikings.com/audio/radio-network> (08/21/2019)

550	KFYR-ND	1240	WJON-MN	1460	KLTC-ND	100.7	KIKV-MN	
570	WNAX-SD		KDLR-ND	1490	KOVC-ND		KMLO-SD	
650	WNMT-MN	p	1250	KBRF-MN	1600	KDAK-ND	100.9	WCMP-MN
660	KEYZ-ND		KCUE-MN				101.1	WHSM-WI
730	KWOA-MN	1260	KROX-MN	92.5	KKWQ-MN		101.7	KRCH-MN
740	KNFL-ND	p	1270	KFAN-MN	p	93.3	KBLB-MN	101.9
880	WMEQ-WI	1310	KGLB-MN	94.1	KQDS-MN	q	102.9	KBWS-SD
930	KSDN-SD	1340	KDLM-MN		KXLP-MN		104.1	KBOT-MN
1130	KTLK-MN		KRBT-MN	94.3	KKIN-MN			KSDM-MN
1170	KOWZ-MN	p	KWLM-MN	95.7	KKOK-MN		105.1	KARL-MN
1190	WBHA-MN	1380	KLIZ-MN	p	96.1	KQPR-MN	105.7	KUXX-MN
1230	KFSP-MN	p	1390	KXSS-MN	p	96.9	KMFY-MN	105.9
	KTRF-MN		KRRZ-ND		98.1	KBEW-MN	106.3	KPHR-MN
	KWNO-MN	o	1440	KKXL-ND		98.3	KQYB-MN	106.9
	KWSN-SD	1450	KBUN-MN	99.1	WKFX-WI		107.3	KNUJ-MN
			WELY-MN	100.3	<u>KFXN-MN</u>			

New England Patriots 2019 Bob Socci, Scott Zolak

<https://www.patriots.com/audio/game-broadcast-info> (08/21/2019)

DO NOT REPRODUCE.

New Orleans Saints 2019 (EE) Zach Strief, Deuce McAllister, Steve Geller

<https://www.neworleanssaints.com/news/broadcasting> (08/21/2019)

540	KMLB-LA	1400	WFDM-FL	p	95.1	WQNZ-MS	99.5	KNGT-LA
620	WJDX-MS	1440	WVGG-MS	p	95.3	KQKI-LA	101.1	W266AL-FL
640	KTIB-LA	1450	WBSR-FL	p	96.9	KZMZ-LA	102.1	WALT-MS
870	<u>WWL-LA</u>				97.3	KMDL-LA	105.1	WJDX-MS
910	WALT-MS	92.1	KLIL-LA		98.1	WDGL-LA	105.3	<u>WWL-LA</u>
920	WBOX-LA	92.5	KVPI-LA			WMXI-MS	105.5	WNSP-AL
990	<u>WGSO-LA</u>	S	92.9	WBOX-LA		KTAL-TX	106.9	WRBE-MS
1010	WMOX-MS	94.1	KRLQ-LA		98.3	WJDR-MS	107.7	WAZA-MS

New Orleans Saints 2019 (SS) Mario Jerez, Juan Carlos Ramos, Victor Quiroz

<https://www.neworleanssaints.com/news/new-orleans-saints-announce-spanish-language-radio-partnership-with-crocodile-br> (09/06/2019)

830	<u>WFNO-LA</u>	1540	<u>KGLA-LA</u>	97.5	<u>K248BB-LA</u>	105.7	<u>KGLA-LA</u>
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New York Giants 2019 (EE) Larry Michael, -Paul Dottino, David Diehl, Roman Oben

<https://www.giants.com/broadcastinfo> (08/21/2019)

DO NOT REPRODUCE.

New York Jets 2019 (EE) Bob Wischusen, Marty Lyons, Larry Hardesty

<https://www.newyorkjets.com/tune-in/radio-information> (08/21/2019)

1050	<u>WEPN-NY</u>	S	98.7	<u>WEPN-NY</u>	104.5	WTMM-NY	105.7	WCHR-NJ
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Oakland Raiders 2019 (EE) Brent Musberger, Lincoln Kennedy, Chris Truwsend, Tim Cates

<https://www.raiders.com/multimedia/radio-network> (08/21/2019)

DO NOT REPRODUCE.

Philadelphia Eagles 2019 (EE) Merrill Reese, Mike Quick

<https://www.gotknowhow.com/articles/listen-to-philadelphia-eagles-games-and-stream-live-online-radio> (08/30/2019) - updated

August 14, 2019

630	WEJL-PA	1490	WBCB-PA	96.1	W241BB-PA p	97.7	WAFL-DE
830	WEEU-PA				WCTO-PA	101.7	WDEL-NJ
1240	WBAX-PA	93.3	WBZD-PA		WSOX-PA	107.3	WEGH-PA
1360	WPPA-PA	94.1	<u>WIP-PA</u>	97.3	WENJ-NJ		

Philadelphia Eagles 2019 (SS)

<https://www.gotknowhow.com/articles/listen-to-philadelphia-eagles-games-and-stream-live-online-radio> (08/30/2019)

1020	WIBG-NJ	1470	WSAN-PA	101.3	W2657BP-NJ p	105.7	W289AZ-NJ
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Pittsburgh Steelers 2019 Bill Hillgrove, Tunch Ilkin, Craig Wolfey, Missi Matthews

<https://www.steelers.com/audio/steelers-radio-network/> (08/21/2019)

590	WMBS-PA	1450	WDAD-PA	92.9	WLUI-PA	102.1	WIFT-PA	p	
630	WJAW-WV	p	WJPA-PA	94.3	WQCM-PA	102.5	<u>WDVE-PA</u>		
670	WLUI-PA		WQWK-PA		WRQI-PA	103.7	<u>WCXR-PA</u>	p	
680	WISR-PA	1460	WMBA-PA		WRLF-WV	104.3	WKNB-PA		
740	WRNR-WV	C	1480	WCNS-PA	95.1	WYLE-PA	104.9	WRKT-PA	
800	WCHA-PA	1490	WESB-PA	99.1	WRKW-PA		WRKY-PA		
	WVHU-WV		WLPA-PA	99.3	WZXR-PA	p	106.1	WRQE-MD	
970	<u>WBGG-PA</u>		WNTJ-PA	p	100.1	WDMX-WV	106.5	W293AM-WVCp	
990	WNTI-PA	p	1540	WECZ-PA	100.3	W262CU-PA	p	107.1	WRXZ-SC
1160	WCCS-PA			100.9	W265DI-PA	p	107.5	WBVE-PA	
1230	WBVP-PA	92.1	WOHF-OH		WVLY-PA			WEGW-WV	
1390	WNIO-OH	92.3	WXCR-WV	101.3	WKFT-PA	107.7	WRQW-PA	p	
1410	WHAG-MD	92.7	WCCR-PA		WROZ-PA				
1430	WTNA-PA	p	WONN-PA						

San Francisco 49ers 2019 (EE) Greg Papa, Tim Ryan

<https://www.49ers.com/fans/tv-radio> (08/21/2019)

630	KPLY-NV	I	940	KFIG-CA	K	1400	KKJL-CA	93.3	KJDX-CA	
670	KPUA-HI		1110	KAOI-HIK		1460	KION-CA	95.7	KBOY-OR	
	KMZQ-NV	J	1230	KPRL-CA	K	1490	KRKC-CA	K	96.1	KKXS-CA
680	<u>KNBR-CA</u>		1320	KIFM-CA		1500	KHKA-HI	107.7	<u>KSAN-CA</u>	
810	<u>KGO-CA</u>									

Seattle Seahawks 2019 Steve Raible, Dave Wyman

<https://www.seahawks.com/gameday/broadcasting/radio/> (08/21/2019)

560	KVOK-AK	1170	KPUG-WA	93.5	KOZI-WA	100.5	KODL-OR	
	KPQ-WA	1230	KIFW-AK	94.5	K233CJ-WA	100.9	KOZI-WA	
580	KTMT-OR	1240	KOFE-ID		KHTQ-WA	101.3	KONP-WA	
610	KONA-WA		KTIX-OR		KIT -WA	101.7	KONP-WA	
660	KAPS-WA		KXLE-WA	95.3	KKBC-OR	102.1	KTMB-AK	
670	KBOI-ID	1280	KIT -WA		KUJZ-OR		KAPS-WA	
700	KBYR-AK	1400	KEDO-WA	95.7	KTKN-AK	102.3	KCRX-OR	
710	KIRO-WA	1420	KUJ -WA		KLTW-OR	102.9	KKVU-MT	
800	KINY-AK	1430	KCLK-ID	95.9	KHNK-MT	103.1	KTIX-OR	
840	KMAX-WA	1440	KODL-OR	96.7	KBDB-WA		KOZI-WA	
930	KTKN-AK	1450	KLAM-AK	96.9	KAYO-WA	103.3	KMAS-WA	
990	KIKI-HI	L	1470	KBSN-WA	97.3	<u>KIRO-WA</u>	103.5	KINY-AK
1030	KMAS-WA	1580	KGAL-OR	97.9	KPUG-WA	103.9	K280GG-MT	
1040	CKST-BC			98.5	KEYG-WA	104.3	KMNT-WA	
1070	CFAX-BC	92.1	KCRK-WA	98.7	KVOK-AK	104.7	KDUX-WA	
1080	KFXX-OR	92.3	KGON-OR	99.1	KODL-OR	105.9	KRJT-OR	
1150	CKFR-BC	92.7	KNCW-WA	HD-4	KMON-MT	107.3	KCLK-ID	

Tampa Bay Buccaneers 2019 (EE) Gary Deckerhoff, Dave Moore, T. J. Rives

<https://www.buccaneers.com/team/players-roster/> Media Guide page 48(08/21/2019)

740 WYGM-FL 1450 WSTU-FL p 95.3 WXCV-FL 97.9 WTSM-FL
 770 WJBX-FLp WWJB-FL WXTB-FL
 1430 WLKF-FL

Tampa Bay Buccaneers 2019 (SS) Martin Gramatica

<https://www.buccaneers.com/news/buccaneers-games-now-available-in-spanish> (08/21/2019)

1470 WMGG-FL S 96.1 WTMP-FL S

Tennessee Titans 2019 Mike Keith, Dave McGinnis, Rhett Bryan, Jonathan Hutton, Amie Wells, Mark Howard

<http://www.titansradio.com/> Connect [Stations In ...] (08/21/2019)

Washington Redskins 2019 Larry Michael, Sonny Jurgensen, Rick "Doc" Walker, Chris Cooley

<http://www.nfl.com/media-guides> Washington Media Guide page 397 (08/27/2019)

"NOTE: Check Redskins.com for a full list of the team's affiliates for 2019 and any changes that take place regarding additional affiliates added for the 2019 season." But I could find a list on the web site.

- a The Cardinals' list has "KDDL/KQNA 94.3 Prescott Valley".
- b The Cardinals' list has "KWRK/KCAZ 96.1 Window Rock".
- c Conflict station
- d Day games only; no pre or post game ~
- e The Seahawks' list has TBA for Gainesville and Ocala.
- f The Texans' list has "Brenham, TX 1280 AM KWHI / KTEX". KTEX is at 100.3 .
- g Games that conflict with Red Sox air on WHTB 1400 AM.
- h RESERVED
- i Conflicting games air on WTSL 1400 AM. ^
- j Red Sox postseason games may take precedence.
- k The Redskins' list has call WKCY.
- l The conflict station for 97.7 WLQI-IN is 1560 WRIN-IN.
- m Per Dave Yocis, WOZI is on 101.9 only; WEGP-1390 Presque Isle ME used to carry Patriots but has been all-Catholic since 2015.
- n RESERVED
- o Frequency change per David Yocis
- p Call letter change per David Yocis
- q KQDS-FM Duluth MN is on 94.9, not 92.1. But WWAX-92.1 is in the Duluth market and is a sports station.
- r WHOG-FM Daytona-area FL is on 95.7 (with a translator for its HD2 channel on 94.1).
- s Selected games only
- t KYYI is on 104.7; but has a sister station KOLI on 94.9.
- u KKOW isn't on 106.1, nor is there any station in Pittsburg KS on 106.1.
- v WMCD changed calls in 2018 to WLGK (but this station is now K-Love contemp. Christian, so I think you want the WMCD on 106.5 as above)
- w There is no such station as "KALZ Fresno".
- x The San Francisco 49ers Spanish language broadcasts are only on 49ers.com.

- A Carolina Panthers and Washington Redskins
- B Dallas Cowboys and Houston Texans
- C Pittsburgh Steelers and Washington Redskins
- D Buffalo Bills and Cleveland Browns
- E Dallas Cowboys (SS) and Houston Texans
- F Kansas City Chiefs and Oakland Raiders
- G Kansas City Chiefs and Houston Texans
- H Los Angeles Chargers and Oakland Raiders
- I Los Angeles Chargers and San Francisco 49er
- J Denver Broncos and San Francisco 48ers
- K Oakland Raiders and San Francisco 48ers
- L Seattle Seahawks and Tennessee Titans



Innovative Ferrite Antennas – Worldwide DXing Excitement!

By Gary DeBock, Puyallup WA, USA – September 2019

Introduction: Ferrite antennas have been used for decades in portable radios, but only recently have breakthrough designs been introduced which have the potential to dramatically boost both the excitement and effectiveness of portable DXing.

Why be tied down to one or two DXing locations? Get ready to explore long range DX propagation at exciting locations like ocean cliff sites, isolated South Pacific islands or exotic ocean beaches around the world. The only limit is your own creativity and determination!

Four Levels of Portable Gain

1) Stock Portable Loopsticks: Almost all portable radios have internal, MW-optimized loopsticks, although the sensitivity of these internal loopsticks varies greatly. In some classic portables like the Panasonic RF-2200 and Sony ICF-S5W the loopsticks are actually quite sensitive, although in most cases the stock loopsticks are unlikely to track down any really weak DX – and the lack of DSP-enhanced selectivity in most portables makes them ineffective for transoceanic DXing. In a few modern portables like the CCRane Skywave and XHDATA D-808 there is a reasonable level of MW sensitivity in combination with a reasonable level of DSP selectivity, but even with these portables a serious transoceanic DXer will quickly lose patience with a radio that can only track down the loudest of the intercontinental “big guns.”



Except for DXers who are fortunate enough to live on ideal ocean beaches with excellent long range propagation, stock loopsticks will be unlikely to provide much variety in transoceanic propagation – although they may be entirely suitable for domestic DXers in the center of a continent. This type of DXing has been popular for decades, and if that is your primary interest, that’s great. But if you are looking for extra antenna gain to go after weaker or more exotic transoceanic DX, read on!

2) “Supercharged” (Enhanced Loopstick) Portables: For over ten years a very popular modification has been to replace a relatively deaf stock loopstick with an externally-mounted transplant antenna of much higher sensitivity. In such a case the modified radio retains a high level of portability but takes on a far more effective DXing capability, as the enhanced loopstick tracks down both strong and moderately weak transoceanic DX, in addition to providing improved nulling capability. The enhanced -loopstick portables are ideal for fast-paced travel such as an ocean cruise, or to a crowded overseas environment where external antennas are not practical (such as in Hong Kong).



Of course the effectiveness of such a “supercharged” portable will depend on the effectiveness of its DSP filtering, as well as design features such as SSB, memory searches and the like. Two modern favorites in my own personal DXing are the 7.5 inch loopstick CCRane Skywave SSB Ultralight model, as well as the 7.5 inch loopstick XHDATA D-808 portable (shown above). Either one of these modified portables will give you a lot of travel excitement, and occasionally will astonish you with long range DX far beyond your expectations. A full construction article for the most modern (and SSB-capable) D-808 model is posted at [this](#) link.

While these “supercharged” portables are far more versatile and effective than a stock radio, they deliver their best performance around salt water, especially during enhanced sunset and sunrise propagation. Their enhanced sensitivity can occasionally astonish you, but they are not designed to compete with the larger air core box loops, or any of the new FSL antennas. A good analogy would be the difference between a cell phone camera and a dedicated camera with advanced lenses and functions. The cell phone camera is extremely useful because of its lightweight portability and convenient access during everyday life, but if you need a serious telephoto lens it is not the best choice. But just like when the cell phone camera is your only option for taking a photo or video, when your only option for DXing is to use a “supercharged” portable, it rarely will disappoint you. It’s more likely to surprise and astonish you.



3) Airport-Friendly (small sized) FSL Antennas: As introduced by the U.K.'s Graham Maynard in 2011 the "ferrite sleeve" antenna quickly gained a reputation for exceptional performance in a compact size, but for the first three years most of the FSL antenna experimentation was focused on building high-gain monster models of legendary size, weight and cost. Back in 2015 a radical idea was contemplated – shrink the FSL antenna way down to a travel-friendly size – that would routinely pass through airport TSA screening inspections, but still provide a decent level of gain on exotic ocean beaches.

Of course in 2015 the concept seemed interesting, but at the time nobody knew whether the tiny FSL's would actually make it through TSA screening, or how much gain they would provide after long range air travel. The results are now in, however – the tiny antennas have a perfect record of passing through TSA inspections, and they also have an astonishing record of tracking down long range DX on exotic ocean beaches.

After a few "test runs" of these compact FSL's in Hawaii by Craig Barnes and yours truly in 2017, a 5 inch "Frequent Flyer" FSL was taken to Aitutaki in the Cook Islands in April of 2018, where it tracked down DX like 657-AIR (8,075 miles), 693-Bangladesh (7,960 miles) and 1000-Radio Record in Brazil (7,072 miles). The same long range DXing capability of the tiny FSL's was demonstrated during a trip to Poipu, Kauai (Hawaii) in November of 2018, with long range Middle East stations like 702-BBC in Oman (8,586 miles) received at decent strength. Who would have guessed that a 5 inch diameter antenna could be so prolific after long range air travel in hand-carry luggage? After their DXing success the "airport-friendly" FSL antennas became a primary target of improvement and innovation, and now, in addition to the "DXpedition type" 5 inch ferrite bar FSL design (demonstrated in [this](#) video), a new 3 inch ferrite rod "Baby FSL" design was developed in early 2019, demonstrated in [this](#) video).



Whether you are a domestic DXer, a casual transoceanic DX chaser or a split-frequency DX fanatic, these new "airport-friendly" FSL antennas open up a new range of exciting hobby possibilities. You can pack away some serious tuned gain (roughly equivalent to that of a 4' air core box loop) and set up a portable DXing station almost anywhere you wish. Does your home location have RFI problems? Get away from them – with a sensitive, tuned FSL. Do you live in a city with multiple local pest stations? Take your FSL on a short trip – far enough away to null out the pest stations. Is there an ocean coast within convenient driving distance? Get ready for some serious DXing fun, especially if you can time your visit for sunrise (on the west coast) or sunset (on the east coast) during good seasonal conditions.

Of course a compact FSL antenna is the ideal choice to investigate areas with the potential for superior propagation, such as fertile farm soil, plunging ocean side cliffs, exotic overseas beaches and remote islands surrounded by salt water—but the vast majority of these antennas will have a much simpler mission. Their primary reason for existence is to make the hobby fun and exciting again, and convince their users that innovation and exploration are alive and well as we enter the future.

4) Airport-Unfriendly (large sized) FSL Antennas: The larger FSL antennas have never really gone away, and are still the masters of serious tuned gain in a compact size. The largest of these have carved out a "King of the Hill" live DXing niche (at least on the lower MW frequencies) at narrow plunging ocean cliff sites like Rockwork in Oregon, where full sized broadband loops cannot be accommodated. A video of four of these huge FSL antennas deployed during the August 2019 Rockwork Cliff DXpedition is posted at [this](#) link.

Despite their potential for superior compact gain, these Monster FSL's do have some "side effects" related to their serious cost (over US \$1K) and weight (38 lbs/ 17 kg). With a large, bulky appearance resembling a huge ring of dynamite, they would be a very poor choice to carry into a TSA screening area at any airport. In fact, simply carrying one of these into any airport would probably bring you more travel excitement than you could handle.



Whereas these huge 17" and 15" diameter gain monsters are now pretty much relegated to ocean cliff DXpedition duty, medium-sized FSL antennas (6" to 12") are very effective and versatile for casual ocean coast trips, or even for DXing at home (in decent locations). Richard Allen is fortunate enough to live on fertile farm soil in Oklahoma, and he has used an 8" FSL antenna to track down

long range DU-DX like 702-2BL and 774-3LO from Australia. My strongest Western Australia reception ever (558-6WA) was with an 8" FSL antenna on an ocean coast hill in Lincoln City, Oregon. As long as a DXer is willing to deal with the side effects of serious weight and cost, the medium-sized FSL antennas definitely provide a serious amount of long range DX as a rewarding tradeoff.

Finally, what exactly is the borderline between an "airport-friendly" and an "airport-unfriendly" FSL antenna? At the current time, nobody knows for sure. When we take a compact FSL into a TSA screening area the last thing we want is to have the antenna rejected as a security risk, so we don't like to push our luck. So far every DXer who has taken either a 5" ferrite bar model or a 3.5" ferrite rod model through TSA screening (or airport security screening in other countries) has gotten through, with the vast majority not even having been questioned about the antenna. In about 20% of cases an inspector will ask what the item is, and then let it pass. In only one case (out of 18) did I have an inspector take the FSL antenna out to his supervisor, who then gave his permission to pass it. Of course, each individual inspector has his own quirks, but so far our pass record is 100% worldwide, and we intend to keep it that way ☺

Enhanced DXing Locations

1) Fertile Farm Soil: Propagation research over many decades has determined that fertile soil in certain areas can provide signal enhancement for long range DX arriving from certain overseas areas, although such signal boosts are relatively modest in comparison to salt water propagation enhancement on ocean beaches.

In our Ultralight Radio enthusiast group I have seen this concept demonstrated repeatedly by Richard Allen in Oklahoma, who has received multiple Australian MW stations on an 8" FSL, as



well as multiple European and African Longwave Broadcast stations on a 7.5" (plug-in) Longwave loopstick Tecsun PL-360. DXers in surrounding areas with less soil conductivity seem to get the short end of the stick, and in certain valley areas with rich soil a location can get a reputation for having a DXing edge to certain countries. My own home location in Puyallup, Washington is in a valley with rich farm soil, which seems to provide a quirky edge for reception of stations from Korea and China in comparison to other local DXers in their home locations,

who have better reception of Japanese stations. This "selective area" phenomena definitely exists, although the reason is quite a mystery. DXers with either a "supercharged" portable or an FSL antenna (or both) can easily investigate fertile farm soil close to home, and quite possibly track down some unusual DX as a result.

2) Ocean Beaches: Transoceanic radio signals propagate extremely well over salt water paths, and if you have interest in these type of signals you definitely should schedule as many ocean beach DXing sessions as your budget and free time allows! All portable DXing antennas benefit greatly from a salt water environment – whether you are using a stock portable radio, a "supercharged" Ultralight, a "Frequent Flyer" FSL or a 17" Monster FSL.

Your ocean beach transoceanic DXing results will be maximized if you can schedule your listening sessions around sunrise (on the west coast) or sunset (on the east coast) from September until December – although even the "dog days" of summer (July and August) are great to go after Trans-Equatorial DX like Australia and New Zealand (on the west coast) or Brazil and Argentina (on the east coast) if you are able to set up right next to the salt water edge. The sunrise enhancement propagation (on the west coast) and sunset enhancement propagation (on the east coast) continue for much longer periods than at inland areas, so even a live DXer with ferrite antennas should have plenty of time to chase a variety of good transoceanic targets. As with any type of DXing specialty, your results will be maximized if you know which targets are on which frequencies, understand long range transoceanic propagation, and have a good idea which "big gun" stations are indicators of enhanced conditions to certain overseas regions. This type of DXing can be very exciting and habit-forming, with routine annual DXpeditions scheduled and eagerly anticipated by a multitude of hobbyists.



3) Ocean Side Cliffs: There is a special category of ocean side DXing sites which provide transoceanic DXing results clearly different from those of adjacent flat ocean beaches, although the transoceanic signal enhancement at these sites routinely seems to favor stations from a certain geographical area. One such stark example is the Rockwork Cliff complex in Oregon, which routinely provides an uncanny boost to New Zealand signals every summer. Within a couple years of discovery the Rockwork Cliff broke the all-time west coast record for New Zealand stations received during a DXpedition, a feature it repeats every summer. Several New Zealand MW



stations which have never been received anywhere else in North America routinely show up at the Rockwork Cliff, even on a 5 inch airport-friendly FSL. Another such ocean cliff site is Cape Perpetua down the Oregon coast, which unlike Rockwork has a curved shape, allowing a wider optimized area. At this Highway 101 site S9 mixes of Japan and Australia not uncommon in August, along with potent signals from New Zealand and the Pacific islands. Exploration is the key to the discovery of more of these ocean cliff enhanced-propagation sites, and compact FSL antennas are the perfect tool for the job!

4) Remote Islands Surrounded by Salt Water: When the late Dr John Bryant had the chance to experience the exceptional transoceanic DX propagation on Easter Island in March of 2007 he remarked that “it was the most fun that I’ve ever had with my clothes on.” Powerful MW signals from all continents of the world were pounding in on his Eton E1 and beverage antennas – and even with a live DXing format he had the DXing thrill of a lifetime tracking them down. I had a similar experience in April of 2018 on Aitutaki in the Cook Islands—S9 signals from Asia (like 693-Bangladesh at 7,960 miles), South America (like 1000-Radio Record at 7,072 miles), North America, Australia and the Pacific islands. Unlike John, though, I wasn’t using a 500 foot beverage – just a 5” airport-friendly FSL antenna.

Long range DX propagation to these isolated ocean islands seems to be in an entirely higher league, although very few DXers seem to get the chance to enjoy it. If you are lucky enough to get such a rare opportunity, your 5” airport-friendly FSL is the perfect traveling companion to run absolutely wild. My Aitutaki, Cook island results from April of 2018 are posted at [this link](#).

Summary: Versatile ferrite antennas have the potential to really energize your DXing hobby, especially if you can schedule some listening sessions at the enhanced sites mentioned above. Innovation and creativity are the life blood of the hobby, and in order to get breakthrough DXing results you will need to get out of your comfort zone, and try something really new—either a new type of portable antenna, a new DXing site, an ocean beach run or even an overseas trip to an exotic ocean beach. Take my example and push your DXing luck for all it is worth – as often as you can.

We are currently entering a period of optimal solar conditions for long range AM-DX, and the time has never been better for those who dream of breakthrough DX, and have the determination to make their dreams a reality. Take advantage of these innovative ferrite antennas to reach your goals—they are ready to go anywhere with you for DXing fun, even to remote corners of the world!

Gary DeBock (Ultralight Radio Group Co-Founder)

Unreported Domestic Stations

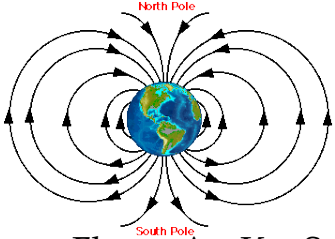
Four stations – WJAM-1340, WOKS-1340, WELB-1350, and WVSM-1500 – were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000). In addition, one station on our unreported list (WMMG-1140) is now defunct for having been silent for too long ... so our list of currently licensed, full service AM stations in the United States and Canada that have not been reported in that time in now down to 340! The last full list was published last issue ... can you log one and report it to DDXD next time?

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Geomagnetic Indices

Geomagnetic Summary August 2019

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

Date	Flux	A	K	Space Weather					
8/ 1	67	8	1	no storms	17	68	4	1	no storms
2	67	4	1	no storms	18	68	6	1	no storms
3	66	3	0	no storms	19	68	4	1	no storms
4	67	4	2	no storms	20	67	4	1	no storms
5	68	35	4	minor, G1	21	67	4	0	no storms
6	68	12	3	no storms	22	66	6	2	no storms
7	68	6	2	no storms	23	67	4	1	no storms
8	69	7	1	no storms	24	66	4	0	no storms
9	67	6	3	no storms	25	66	4	2	no storms
10	67	8	2	no storms	26	67	6	2	no storms
11	68	6	2	no storms	27	66	10	2	no storms
12	67	5	2	no storms	28	66	5	1	no storms
13	67	7	2	no storms	29	66	3	1	no storms
14	67	4	1	no storms	30	67	10	3	no storms
15	67	4	2	no storms	8/31	66	38	4	moderate, G2
16	68	5	1	no storms	9/ 1	67	45	5	moderate, G2
					9/ 2	69	21	3	minor, G1

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

NOAA Space Weather Outlook

Issued September 9, 2019 – For the period September 9-October 5, 2019

<http://www.swpc.noaa.gov/products/weekly-highlights-and-27-day-forecast>

Highlights of the period September 2-September 8

Solar activity was at very low levels. Region 2748 (N14, L=205, class/area Hsx/020 on 02 Sep) was quiet and stable and decayed to plage on 03 Sep. No Earth-directed CMEs were observed.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at very high levels on 02-04 Sep and high levels on 05-08 Sep. Electron flux reached a maximum of 87,900 pfu at 04/1835 UTC.

Geomagnetic field activity ranged from quiet to G1 (minor) storm levels on 02 Sep due to effects from a large, recurrent, positive polarity CH HSS. From 03-06 Sep, quiet to active levels were observed as HSS effects continued. Quiet to unsettled levels were observed from 07-08 Sep. Wind speeds began the period near 750 km/s, but slowly decayed to end the period near 400 km/s.

Forecast for September 9-October 5, 2019

Solar activity is expected to be at very low levels.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high levels from 09-13 Sep, and again from 27 Sep - 06 Oct due to HSS effects. Normal to moderate levels are expected on 14-26 Sep.

Geomagnetic field activity is expected to be at mostly quiet levels on 09-26 Sep. Isolated unsettled periods are possible on 23, 26 and 30 Sep, and 01-03 Oct. G1 (minor) to G2 (moderate) geomagnetic storm levels are likely on 27-29 Sep due to positive polarity CH HSS effects.



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