

DX News

Serving Medium Wave DXers since 1933

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Inside this issue . . .

- 2 ... Report from the CPC
- 3 ... AM Switch
- 8 ... Domestic DX Digest East
- 12 ... Domestic DX Digest West
- 21 ... International DX Digest
- 24 ... Musings of the Members
- 25 ... GY DXA - Update
- 25 ... DX Toolbox
- 26 ... CPC HSFB Report
- 28 ... Confirmed DXer
- 28 ... Pro Sports (NFL) pt. 1



From the Publisher: Another very full issue ... still holding on Ken McHarg's article on the 100th anniversary of the first AM radio broadcast, some CPC test reports, and more!

Be sure to sign up for the NRC e-mail list to get last-minute test news ... there's been a lot lately!

Membership Report

"Here's my renewal for another year in the NRC - my 42nd! Since 1978." - Rod O'Connor

"Renewal for *DX News* and e-dxn. My 55th consecutive year in this great club!" - Marc DeLorenzo

"Here are my dues for 2 years. If my memory is correct, joining in 1981 after NRC NJ. I begin my 40th year in the NRC! Thanks to all the members and editors for your great!" - John R Malicky.

New Members: Welcome to Joseph Bruns, Hanover Park, IL; Edward Efchak, Fair Lawn, NJ; Patrick Flanagan, Aiken, SC; Ken W Garner, Dallas, TX; Tim Greenwood, Chino Hills, CA; Andrew Humphrey, Waunakee, WI; Paul Kepple, Hummelstown, PA; David Schweikart, Reston, VA; John Stublely, West Falls, NY; Robert Tupaj, Mineral Ridge, OH; and Robert Walker, Fenton, MI.

Returning Members: Welcome back to John

Bryson, Manheim, PA.

Renewing Members: Thanks for the ongoing support of John M. Adams; Saul Chernos; W.C. Cornwall; Marc DeLorenzo; Dale Dodd; Robert Eddy; Jerry Elya; Dave Freeman; Daniel Haggett; Mark Hyland; Charles H. Kaufman; Len Kelter; Joseph Kremer; John R. Malicky; James M. Moertel; James J. Nahirniak; Michael Newland; Tim Noonan; Rod O'Connor; Ray Offutt; Bruce Paulin; Arnold Podair; Anthony Rogers; Robert P. Smolarek; David Snellman; David Spraker; Paul B. Thomas Jr; John R. Wallace; James T. Weber; and Gary Whittaker.

Volume 88 DXN Schedule

No	D'dline	Print	No	D'dline	Print
1	Sept. 27	Oct. 5	11	Feb. 14	Feb. 23
2	Oct. 11	Oct. 19	12	Feb. 28	Mar. 9
3	Oct. 25	Nov. 3	13	Mar. 21	Mar. 30
4	Nov. 8	Nov. 17	14	Apr. 11	Apr. 20
5	Nov. 22	Dec. 1	15	May 2	May 11
6	Dec. 6	Dec. 15	16	May 23	June 1
7	Dec. 20	Dec. 29	17	June 20	June 29
8	Jan. 3	Jan. 11	18	July 18	July 27
9	Jan. 17	Jan. 25	19	Aug. 15	Aug. 24
10	Jan. 31	Feb. 9	20	Sept. 12	Sept. 21

NRC AM Radio Log - 41st Edition Now Shipping

The 41st edition of the *AM Radio Log*, the premier source for information on AM radio stations in the United States and Canada, is available now for sale. The *Log* contains of individual station data, cross references and 12 pages of instructions in 8-1/2" x 11" size, 3-hole punched U.S. loose leaf format. This publication fits nicely into a 1" three-ring binder. Reference lists include State/Provinces in frequency order, call letters of FM simulcasts with the AM Stations listing, listings of regional groups of stations in the groups section (separate section of the logbook), a cross reference of those stations that are licensed to use IBOC (In Band On Channel) digital audio, and a comprehensive list of FM translators that are now simulcasting with AM broadcasters.

Order by snail mail by check or money order in U.S. funds, Colorado residents please add 8% sales tax (or your local sales tax rate if lower) to National Radio Club, P.O. Box 473251, Aurora, CO 80047-3251 or order using your Pay Pal account at <http://www.nationalradioclub.org/>

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

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IRCA-NRC COURTESY PROGRAM COMMITTEE

By Les Rayburn, N1LF- CPC Chairman

A Committee Again

In the past, the CPC Chairman was just that—the head of a committee of DX'ers who worked to arrange special “Courtesy Programming” from broadcasters. Over time, the Committee came to really be just one or two people. We plan to change that.

I'm pleased to announce the second member of the committee, Paul Walker. A broadcaster by profession, Walker has been personally responsible for arranging the majority of DX tests for the past few seasons. He's also an active DXer himself and runs a Facebook Group called “*I Take Pictures of Transmitter Sites*” which is popular with engineers.

We're looking for three additional volunteers who would like to help arrange DX tests during the coming season, and beyond.

Ideal applicants would have a professional connection to radio broadcasting or previous experience in that area. We'll also consider someone who is passionate about DX tests and eager to make a contribution.

Critical are good communication skills and a commitment to forging quality relationships between our hobby and the radio engineering profession. If you're interested in volunteering to serve on the Courtesy Program Committee, please contact me at: les@highnoonfilm.com

TOH DX Tests

During my last tenure as CPC Chair, we started a new type of DX Test for stations that could not commit to doing a full-blown test at daytime power/pattern. Instead, we asked these stations to air a :30 or :60 second-length “DX Test” provided to them by the CPC.

The concept was simple. The station needed only to add this “TOH DX Test” to their normal playlist, just as they would a local ad or PSA. We asked that the station place it as close to the Top of the Hour (TOH) as possible and air it during overnight hours.

Some stations did this for weeks or even months at a time. The content consisted of a voice ID using phonetics to increase intelligibility, a Morse Code ID and a sweep tone or other unique sounder.

While we didn't benefit from increased power, the sweep tones and Morse Code have amazing ability to cut through the clutter, increasing the chances of logging a new station.

We plan to revisit this approach as we approach the Winter DX Season. The CPC will always seek “traditional” DX Tests with day power/patterns but when that fails, we'll try the TOH DX Test approach for stations that are highly desired.

Website for Broadcasters & Generic DX Tests

The newest member of the committee, Paul Walker has contributed in other ways. He put forth a great idea about outreach to broadcasters and making it as easy as possible for them to test.

We're working on developing a simple website that explains the hobby of DXing to a new generation of broadcasters. The site will explain the FCC rules regarding DX Tests and instructions about how to accomplish them.

We'll be offering “turn-key tests” with the CPC handling announcements, handling QSL & verification (if desired) and providing “generic” DX test files that can be easily downloaded.

These generic files will include Voice Announcements, CW IDs, Sweep Tones, Sound Effects, etc. but will not be customized for each station.

These will be available in the most useful lengths to make it easy for an engineer to download and run, within hours if they choose.

Lengths planned are: 30 seconds, 60 seconds, 2 minutes, 5 minutes, one half hour, and one hour. More details soon.



Off-Air Periods & Maintenance Notification

The Courtesy Program Committee (CPC) will be expanding our outreach in the radio engineering community seeking advance notification of Off-Air Periods or maintenance. We'll be educating engineers on the value of alerting hobbyists to planned periods when their station will be off the air, or conducting maintenance—especially those that might test at daytime power and/or pattern during the overnight hours.

Our hope is that we can provide opportunities that rival DX Tests in terms of putting new ones in the logs.

High School Football in the Age of COVID-19

As a service to DX'ers, the CPC will be tracking high school football at the state level across the country during the coming weeks. Each week, we'll publish a spreadsheet that shows which states are playing games, which ones have delayed the start of their season and which ones (may) ultimately cancel due to COVID-19.

Friday nights in the Fall are traditionally one of the most productive for DX'ers—and COVID-19 will offer some unique opportunities this year like no other. Stay abreast of those changes by subscribing to the IRCA or NRC DX List.



Input Welcome

Your suggestions, criticism, and input are most welcome. Please direct all correspondence to: les@highnoonfilm.com

We're off to a good start with the WCSZ 1070 Test in mid-August, and two more tests tentatively scheduled for the Fall. Our hope is to make DX Tests a much bigger part of the hobby in 2020/2021.

AM Switch

David Yocis, 9412 Ferry Landing Ct., Alexandria VA 22309, NRCDXNews@gmail.com
 Canadian info – Compiled by Shawn Axelrod, Dan Sys, and Jon Pearkins
 NRC AM Log updates from Wayne Heinen, amlog@nationalradioclub.org

FCC and CRTC Decisions and Applications

CALL LETTER CHANGES

- 780 WIGY ME Rumford – Call change to WEZR (Sept. 7; station has been silent since March and would not have used WIGY on the air during the 4 weeks it had this call).
 970 KXTA ID Rupert – Call change to KKRK (Aug. 28).
 1240 WEZR ME Lewiston – Call change to WIGY (Sept. 7).
 1570 WKHJ PA Latrobe – Call change to WXVE (Aug. 19).



NEW STATION WATCH

- 580 CHAH AB Edmonton – New station (U4? 10000/10000) is on the air.
 600 CKSP BC Vancouver – New station (U4 50000/25000) is on the air.
 1490 CHTO-1 ON Mississauga – CP for new station (U1 23/770) // CHTO-1690 expired unbuilt on September 1.

STATIONS GOING DARK (OR NOT)

License cancelled, calls deleted:

- 590 WDDV FL Panama City – License cancelled at licensee's request Aug. 27 (went silent May 15 as WDIZ; I don't believe WDDV was ever used on the air).

CONSTRUCTION PERMITS (CPs) FOR EXISTING STATIONS

CPs fully licensed and on the air:

- 790 KJRB WA Spokane – Granted license to cover CP for U1 4400/34, adjust coordinates to 47-30-08/117-23-07.

1390 WNLA MS **Indianola** – Granted license to cover CP for U1 1000/15 ex-1380 kHz, existing day site.

CPs built and awaiting final licensing (may be in use on the air):

860 WTZX TN **Sparta** – Applies for license to cover CP for U1 950/10, new site (diplexed with WSMT-1050) at 37-57-16/85-28-37.

1430 WLTG FL **Upper Grand Lagoon** – Applies for license to cover CP for U1 125/100, CoL ex-Panama City FL, new site (diplexed with WPCF-1290) at 30-10-44/85-46-55.

CPs granted:

570 WTBN FL **Pinellas Park** – Granted CP for U1 250/730, new site (diplexed with WGUL-860) at 27-59-57/82-42-01.

1190 KREB AR **Bentonville-Bella** – Granted CP for D1 3000, CoL to Gentry AR, new site (diplexed with KFFK-1390) at 36-24-41/94-27-02.

1200 KFNW ND **West Fargo** – CP for new site at 46-43-14/97-01-46, still U4 50000/13000.

1370 KXTL MT **Butte** – Granted CP for U1 1000/1000, existing site.

1390 KFFK AR **Rogers** – Granted CP for D1 800, CoL to Decatur AR, new site (diplexed with KREB-1190) at 36-24-41/94-27-02.

1450 KQTE CA **Helendale** – Granted CP for U1 760/760, new site at 34-46-00/117-14-48.

1480 WSPY IL **Geneva** – Granted CP for D1 250, CoL to Somonauk IL, new site at 41-40-06/88-34-06.

1490 WFAD VT **Middlebury** – Granted CP for U1 960/960, new tower, adjust coordinates to 43-59-57/73-09-35 (9/10/2023).

Applications for CPs filed:

1260 CKHJ NB **Fredericton** – Applies for U1 10000/32, existing site.

1370 KUPA HI **Pearl City** – Applies for U1 250/250, existing site.

1450 WHNK WV **Parkersburg** – Applies for new site 39-18-57/81-31-38, still U1 1000/1000.

1510 WRRD WI **Waukesha** – Applies for D1 250, adjust coordinates to 43-01-04/88-11-44.

CPs expired unbuilt and deleted:

1250 KKDZ WA **Seattle** – CP for U2 5000/3600, new night site (diplexed with KXPA-1540) expired and deleted.

1320 KSDT CA **Hemet** – CP for U4 550/930, CoL to Redlands CA, expired and deleted.

1520 WINW OH **Canton** – CP for D1 370 (ch 240), new site, expired and deleted.

SPECIAL TEMPORARY AUTHORITY (STA)

STAs granted:

560 KLVI TX **Beaumont** – Granted STA, U1 5000/1250, Hurricane Laura.

760 WORA PR **Mayagüez** – Granted STA, U1 1250/1250, Tropical Storm Isaias.

900 WJLG GA **Savannah** – Granted STA, U1 200/200 (not U1 200/152?), lightning damage.

1100 WCLA GA **Woodbine** – Granted STA, reduced power, silent station not sure it can make full power when it resumes broadcasting.

1250 WYTH GA **Madison** – Granted STA, U1 500/79, LW at 33-32-51/83-28-38, station was silent.

1400 KRUN TX **Ballinger** – Granted STA, U1 240/240, transmitter problems.

1490 WAZL PA **Hazleton** – Granted STA, minor parameters at variance.

1550 WLTI IN **New Castle** – Granted STA, U4 250/62, use day pattern at night.

1580 WORV MS **Hattiesburg** – Granted STA, U1 450/88, silent station will use backup xmtr.

Applications for STAs received:

850 WKGE PA **Johnstown** – Applies for STA, U1 2500/2500 and tolling of CP to move to 870, complex issues involved made more complex due to COVID.

1240 WHVN NC **Charlotte** – Applies for STA, U1 600/600, drop wire antenna at current site.

1320 WDER NH **Derry** – Applies for STA, U4 10000/400, loss of one tower used only at night.

1430 WTNA PA **Altoona** – Applies for STA, U1 5000/25 as in CP, FM diplexing effect on pattern.

Extensions granted to existing STAs:

610 WXVA VA **Winchester** – Granted STA extension, U1 380/125, all at licensed day site.

640 WMEN FL **Royal Palm Beach** – Granted STA extension, U4 25000/4500, Cuba QRM.

930 KSDN SD **Aberdeen** – Granted STA extension, U1 1250/250.

1230 KTRF MN **Thief River Falls** – Granted STA extension, parameters at variance.

1240 KLOA CA **Ridgecrest** – Granted STA extension, reduced power (using U1 205/205).

1250	KZDC	TX	San Antonio – Granted STA extension, night parameters at variance.
1280	WHTP	ME	Gardiner – Granted STA extension, reduced day power (using U1 1000/40).
1330	KKPZ	OR	Portland – Granted STA extension, parameters at variance.
1360	WHNR	FL	Cypress Gardens – Granted STA extension, U1 1250/625.
1370	WWCB	PA	Corry – Granted STA extension, U1 1000/14.
1380	WWRF	FL	Lake Worth – Granted STA extension, U1 90/90, unipole at 26-47-58/80-04-33.
1420	KGIM	SD	Aberdeen – Granted STA extension, U1 650/58 from KSDN-930 tower.
	KRIZ	WA	Renton – Granted STA extension, U1 250/125 from KYIZ-1620 tower.
1450	KIKR	TX	Beaumont – Granted STA extension, reduced power (using U1 600/600).
1480	KPHX	AZ	Phoenix – Granted STA extension, U1 250/50, drop wire at KSUN-1400 site.
	WSPY	IL	Geneva – Granted STA extension, U1 125/125, LW at 41-51-11/88-19-38.
1490	WGCH	CT	Greenwich – Granted STA extension, U1 300/300, unipole at 41-01-27/73-37-53.
1540	KZMP	TX	University Park – Granted STA extension, parameters at variance.
1550	KKOV	WA	Vancouver – Granted STA extension, reduced night power.

Applications to extend existing STAs received:

580	KUBC	CO	Montrose – Applies to extend STA, parameters at variance.
1150	KAGO	OR	Klamath Falls – Applies to extend STA, U1 5000/250.
1230	WTJC	IN	Tell City – Applies to extend STA, reduced power (using U1 20/20).
	WJOI	VA	Norfolk – Applies to extend STA, U1 157/157 (temporary whip antenna).
1250	WSPL	IL	Streator – Applies to extend STA, U1 110/35.
1300	WTIL	PR	Mayagüez – Applies to extend STA, U1 1000/1000 from CP site.
1360	KUIK	OR	Hillsboro – Applies to extend STA, U2 1500/1500.
1370	WCOA	FL	Pensacola – Applies to extend STA, U3 2000/2000, night pattern 24 hours.
1470	KUTY	CA	Palmdale – Applies to extend STA, U1 1250/1250.
1480	WTOX	VA	Glen Allen – Applies to extend STA, U1 1570/375.
1590	WKTP	TN	Jonesborough – Applies to extend STA, U1 1800/23.

SILENT STATIONS

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

890	KTXV	TX	Mabank – Silent Oct. 11 (2019), back on the air as per STA May 31.
990	KZZB	TX	Beaumont – Silent Aug. 20, back on the air with usual STA Sept. 3.
1030	WEBS	GA	Calhoun – Silent Aug. 25 (2019), back on the air Aug. 19.
1190	WWIO	GA	St. Marys – Silent Dec. 27 (2019), back on the air Aug. 9.
1240	WEZR	ME	Lewiston – Silent Mar. 29, back on the air Aug. 12.
1250	WYTH	GA	Madison – Silent Sept. 6 (2019), back on the air with STA Sept. 5.
1370	KUPA	HI	Pearl City – Silent Dec. 1 (2019), back on the air Aug. 14.
1450	WPNO	ME	South Paris – Silent Mar. 29, back on the air Aug. 12.
1490	WRMT	NC	Rocky Mount – Silent Mar. 25, back on the air Aug. 16.
1580	WORV	MS	Hattiesburg – Silent Dec. 11 (2018) (<i>sic</i>), back on the air with STA Aug. 17.
	WNPZ	TN	Knoxville – Silent Sept. 19 (2019), back on the air Sept. 8.

Stations informing the FCC that they are silent:

1180	WFYL	PA	King of Prussia – Silent Mar. 23, vandalism at STA site, lost permanent site.
1310	KEZM	LA	Sulphur – Silent Aug. 27, Hurricane Laura knocked down the tower.
1400	WZAZ	FL	Jacksonville – Silent Aug. 19, problems with temporary antenna.
1470	KLCL	LA	Lake Charles – Silent Aug. 27, Hurricane Laura, intends to come back with STA.
1490	KFCR	SD	Custer – Silent Aug. 24, equipment failure.
1580	KXZZ	LA	Lake Charles – Silent Aug. 27, Hurricane Laura.

COORDINATE CORRECTION

1230	WHIR	KY	Danville – Applies for CP to correct coordinates to 37-40-26/84-45-57.
1450	KSIW	OK	Woodward – Applies for CP to correct coordinates to 36-25-37/99-24-21.

NRC AM Log Updates

540	WAUK	WI	Jackson – Format to SPT (ex-TLK); networks to ESPN; slogan & Group to Grp= ESPN Milwaukee.
590	WWLX	TN	Lawrenceburg – Group Grp= The X 106.1 FM - 93.1 FM (ex-Grp= 106.1 The X).
610	WTEL	PA	Philadelphia – Format to UC:NWS/TLK (ex-SPT); slogan to “Black Information Network,” networks to BIN.

740	KVOR	CO	Colorado Springs – Networks: adds A, drops W1n. (WH)
770	KKOB	NM	Albuquerque – Networks: adds A, drops W1n. (WH)
	WABC	NY	New York – Networks to Fox/WW1/RER
780	WEZR	ME	Rumford – Group to Grp= Wigy Radio. (DXMid)
790	WGRA	GA	Cairo – Adds // W240DR-95.9. (FCC)
800	KDDD	TX	Dumas – Slogan to “The Oldies Channel.”
820	WBAP	TX	Fort Worth – Networks: adds Fox, drops W1n. (WH)
840	KJFA	NM	Belen – Format to SS:HipHop (ex-SS:UC).
	WVPO	PA	Stroudsburg – Format to C&W (ex-SPT); slogan to “Bigfoot Country,” drop nets.
880	KJOZ	TX	Conroe – Slogan to “Rumba 102.5,” adds // K273AL-102.5; delete Grp= Rumba 92.5/880.
900	KMVI	HI	Kahului – Adds // K273DN-102.5. (FCC)
910	WTMZ	SC	Dorchester Terrace-Brentwood – Slogan to “The Zone,” networks to SCn/FSR, adds // W234CV-94.7; delete Grp= ESPN 98.9 and 910.
920	WNJE	NJ	Trenton – Slogan to “920 ESPN New Jersey,” networks to ESPN.
	WMMN	WV	Fairmont – Slogan & Group to Grp= The Ticket 95.7 & 920.
930	WEOL	OH	Elyria – Slogan to “News Talk Sports.”
970	KKRK	ID	Rupert – Format to CLR (ex-SS:MEX); slogan & Group to Grp= Balanced Rock 97.5 - 100.5.
980	KSGM	IL	Chester – Adds // K287CE-105.3. (FCC)
1000	KKIM	NM	Albuquerque – Slogans “K-kim,” “Radio That Changes the Way You Live.” (JW)
1060	KIPA	HI	Hilo – Format to REL (ex-AC); slogan to “CSN International,” networks to CSN.
	WLNO	LA	New Orleans – Slogan to “The Original One of a Kind.”
1100	KNZZ	CO	Grand Junction – Slogan to “NewsRadio 1100,” adds // K224FE-92.7; delete Grp= NewsRadio 1100.
1120	WUST	DC	Washington – Format to UC:NWS/TLK (ex-SS/ETH); slogan to “Black Information Network,” networks to BIN.
1150	WAVO	SC	Rock Hill – Format to CCR (ex-REL); slogan to “The Light,” adds // W268DM-101.5; delete Grp= WAVO-1150.
1180	WXLA	MI	Dimondale – Format to AC/EZL (ex-NOS); slogan to “Easy 93.3,” adds // W227DO-93.3.
1210	KGYN	OK	Guymon – Networks: adds C, drops W1n. (WH)
1230	KTNC	NE	Falls City – Format to CLR (ex-OLD).
1240	WIGY	ME	Lewiston – Group to Grp= Wigy Radio (ex-Grp= The Big Z 105.5 96.9). (DXMid)
	WLSC	SC	Loris – Adds // W294CW-106.7. (FCC)
	KVLF	TX	Alpine – Adds // K254CW-98.7. (FCC)
	KASL	WY	Newcastle – Networks to Fox/Wy. (WH)
1260	KTRC	NM	Santa Fe – Networks: adds A, drops W1n. (WH)
	KTAE	TX	Elgin – Networks to SBN.
1270	KBZZ	NV	Sparks – Format to OLD (ex-SPT); slogan to “Oldies 92.5.”
1290	WCHK	GA	Canton – Slogan & Group to Grp= La Mega 96.5.
1310	KFKA	CO	Greeley – Slogan to “Northern Colorado’s Voice.” (JW)
1320	WDMJ	MI	Marquette – Networks to C/JBo/DR/CMP/C2C. (DXMid)
1340	KTMM	CO	Grand Junction – Slogan to “The Team 1340,” adds // K266CE-101.1; delete Grp= The Team 1340.
	WMID	NJ	Atlantic City – Format to OLD/TLK (ex-OLD); networks to A/Ru.
	WQSC	SC	Charleston – Format to C&W (ex-SPT); delete slogan, networks.
1360	KRKK	WY	Rock Springs – Networks: drop W1n. (WH)
1370	WLTH	IN	Gary - Slogan & Group to Grp= The Voice of Northwest Indiana.
	WQLL	MD	Pikesville – Format to UC:NWS/TLK (ex-CLR); slogan to “Black Information Network,” networks to BIN.
	KSUM	MN	Fairmont – Adds // K246CW-97.1. (FCC)
	WDXE	TN	Lawrenceburg – Group to Grp= The Legend 105.3 - 95.3 - 1370 (ex-Grp= The Legend).
1380	WKJG	IN	Fort Wayne – Slogan to “1380 the Fan,” networks to NIn/FSR.
	CKPC	ON	Brantford – Format to REL (ex-NWS/C&W); slogan to “Arise 1380,” drop nets.
1390	WGRB	IL	Chicago – Slogan to “The Music of Power & Praise.”
	WNIO	OH	Youngstown – Slogan to “1390 The Gambler.”
1400	WSMY	NC	Weldon – Slogan & Group to Grp= Sports Radio 1400 & 1080.
	WKBI	PA	Saint Marys – Format to NOS (ex-NWS/TLK); slogan to “Classy 1400 & 94.5,” drops nets.

- 1430 KEZW CO Aurora – Drop nets. (WH)
 1450 WMIQ MI Iron Mountain – Networks to C/FSR/C2C. (DXMid)
 KWPM MO West Plains – Slogan to “105.1 News Radio.”
 WHNK WV Parkersburg – Format to OLD (ex-REL) Group to Grp= True Oldies Channel (ex-Grp= Faith Talk).
 1460 WQXM FL Bartow – Slogan to “Ritmo 99.9 FM 1460 AM.”
 1470 KNXN AZ Sierra Vista – Format to EZL/OLD (ex-NOS).
 KKTY WY Douglas – Networks to Fox/Wy. (WH)
 1480 KQAM KS Wichita – Networks: adds C, drops W1n. (WH)
 KLVL TX Pasadena – Adds // K235CS-94.9. (FCC)
 1490 KNAM CO Silt – Format to OLD (ex-SPT); Group to Grp= 95.7 The Monkey (ex-Grp= The Team 1340); delete networks.
 WOMI KY Owensboro – Slogan to “Your Station for News Talk & Sports.”
 KEUN LA Eunice – Networks to C.
 WDLC NY Port Jervis – Slogan & Group to Grp= We Do Love Country.
 WRMT NC Rocky Mount – Adds // W251CX-98.1. (FCC)
 WCVA VA Culpeper – Format to C&W (ex-CLR); Group to Grp= 103.1 Today’s Country (ex-Grp= 95.3 Sam FM).
 1510 WRRD WI Waukesha – Format to SPT (ex-TLK); networks to ESPN; slogan & Group to Grp= ESPN Milwaukee.
 1520 WINW OH Canton – Format to UC:AC (ex-UC:GOS); delete slogan.
 KOKC OK Oklahoma City – Networks: adds C, drops W1n. (WH)
 1530 WOBX NC Wanchese – Slogan to “News Talk 1530 and 103.3 FM.” (RS), (RL)
 1550 WDLR OH Delaware – Group to Grp= My 92.9.
 1570 WLEE MS Winona – Format to GOS (ex-C&W).
 WXVE PA Latrobe – Group to Grp= 103.9 XVE (ex-Grp= 103.9 KHB).
 1580 WDQN IL Du Quoin – Format to AC/OLD (ex-AC); slogan to “97.1 MeTV-FM.”
 WMYC OH Columbus – Group to Grp= My 92.9.
 1590 WLBN KY Lebanon – Adds // W293DG-106.5. (WH)

New Groups

- Grp= 95.7 The Monkey – K239CP-95.7, K228EV-93.5, K246CC-97.1, K254CO-98.7, KNAM-1490
 Grp= 103.1 Today’s Country – WJMA-103.1, W237CA-95.3, WCVA-1490
 Grp= Balanced Rock 97.5 - 100.5 – KXTA-970, K263BX-100.5, K248BZ-97.5
 Grp= ESPN Milwaukee – WAUK-540, WRRD-1510, W269DL-101.7
 Grp= La Mega 96.5 – WCHK-1290, W243CE-96.5, W280FY-103.9
 Grp= Sports Radio 1400 & 1080 – WSMY-1400, WWDR-1080, W246DQ-97.1
 Grp= The Ticket 95.7 & 920 – WMMN-920, W239CM-95.7, WRLF-94.3
 Grp= The Voice of Northwest Indiana – WLTH-1370, W248AP-97.5, W224EA-92.7
 Grp= We Do Love Country – WDLC-1490, W237EV-95.3, W299BA-107.7
 Grp= Wigy Radio – WIGY-780 52176, WPNO-1450, W245CQ-96.9, W288CW-105.5, WEZR-1240 (DX MidAmerica)

Group Name Changes

- Grp= 103.9 KHB becomes 103.9 XVE
 Grp= 106.1 The X becomes The X 106.1 FM - 93.1 FM
 Grp= Faith Talk becomes True Oldies Channel
 Grp = Local 92.9 FM and 1550 AM becomes My 92.9
 Grp= The Legend becomes The Legend 105.3 - 95.3 - 1370

Group Changes

- Grp= NewsTalk 94.7 & 970 adds WUSW-92.7 Taylorville
 Grp= The Talk of the South Shore deletes W248AP-97.5

Delete Groups

- Grp= 95.3 Sam FM
 Grp= ESPN 98.9 and 910
 Grp= NewsRadio 1100
 Grp= Rumba 92.5/880
 Grp= The Team 1340
 Grp= WAVO-1150



From Radio Ink

CBS Audio Adding Affiliates. In the past six weeks, CBS Audio, has added 148 additional stations to the CBS News Radio lineup. There are now more than 700 stations nationwide on the network, among them stations affected when the plug was pulled on Westwood One News in August. Among the new station agreements: News/Talk stations owned by Cumulus Media and music stations owned by Neuhoff, 7 Mountains Media, Big Radio, Summit Media and others. Atlanta's WSB-AM is among the stations being added, which marks a return for the station to the CBS News Radio lineup.

Fox News Audio Adds Affiliates. The decision by Cumulus to shutdown Westwood One News to 900 plus affiliates in August has benefited Fox News. Fox News Audio has expanded its national radio affiliate network to include 56 former Westwood One News affiliate stations. Fox says it has 1,000 affiliated radio stations nationwide. Among the new partnered affiliates are WABC-AM New York, WMAL-AM Washington, D.C. and WBAP-AM in Dallas. Fox News operates Fox News Audio, which encompasses Fox News Radio, Fox News Podcasts and Fox News Headlines 24/7.

Thanks to Shawn Axelrod, Bill Hale, FCC Database (FCC), DX MidAmerica (DXMid), Rick Shaftan (RS), Russ Lay (RL), and John Wilkins (JW).

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

Domestic DX Digest – East

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

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

REPORTERS

- 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, ALA-1530 loop
- KK-VA **Kraig Krist, Manassas** – Winradio G33DDC SDR, Wellbrook ALA-1530S+ Imperium Loop
- PS-ON **Paul Snider, London** – Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C tuner
- JW-PA **Jim Weber, Oyster Point** – Grundig S350, Sony ICF2010
- MKB-ON **Mike Brooker, Toronto** – Grundig YB-400PE, XHDATA D-808, Sony SRF-39FP, C Crane Skywave, Panasonic RF-2200

Follow me on Twitter! @patria1818 DX-related tweets will be hash-tagged #MWDX.

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

View me on Instagram! **brookermike**

DX TESTS

- 1070 WCSZ SC **Sans Souci** - 8/22 0100 - DX test; ID in Morse code at 2 kHz pitch through CHOK. (BC-NH)
- 1360 WNJC NJ **Washington Township** – 9/12 0005 – DX test noted with code WNJC (.-. -. .--- -. .-) ID and sweep tones, fighting and losing to mix of talk stations. Also noted 9/13 0010 with "V V V DE WNJC" (...- ...- ...- ...- .--- -. .--- -. .-) code ID and tones rising above the mush. (MKB-ON)
- +++ – 9/12 0004 - DX Test mixing with WMOB, Fox Sports (probably WSAI) and other talk. According to CE Duke Hamann WNJC was only running 1250 watts omni-directional. Items included repeating loops of morse code with station ID, ascending tones, long tones, sweep tones, phone off the hook sound and EBS type tones. (KK-VA)
- +++ - 9/12 0058 - DX test, at 1200 watts; multi-frequency tone upon tune in, sweep tones through top of the hour, then Morse code. At 0158 Multi-frequency tone and sweep tones. 0258 Multi-frequency tone, then sweep tones starting at top of the hour. 0458 Under WDRC; Morse code. 9/13 0058 - DX test atop the channel; multi-frequency tone, then sweep tones through top of the hour, followed by Morse code. At 0558 DX test still going strong; ascending sweep tones, then Morse code. (BC-NH)



LOGGINGS

- 540 KWMT IA **Fort Dodge** – 8/22 2258 – C&W music, ToH ID: "News, agri...KWMT, more country, we're the Midwest's only true country, KWMT". Good till 2306, then faded to very poor. Probably on day power tonight till about 2306 when their signal dropped right off. **(PS-ON)**
- 600 WBOB FL **Jacksonville** – 8/29 0600 – "WBOB" Call sign ID right around the top of the hour. Little else noted. **(JW-PA)**
- WMT IA **Cedar Rapids** – 8/25 0605 – News and weather after the hour, "74 degrees at Broadcast Park". In fairly well with two clear call sign IDs around this time. Night time power reduction due to tower issues noted in DXN V.87 #19. Did not hear on 8/26 0400-0600; frequency occupied by CKAT and WCAO. Also noted 8/30 0531 – Mention of "Focus on the Family" and some fund raising right before call sign ID around this time. Two men then continued to discuss religious issues. FOTF concluded and announcer identified it as an iHeartRadio station. "WMT Cedar Rapids" ID on the hour followed by brief news break. Mostly covered by nearby WCAO Heaven 600 in Baltimore. **(JW-PA)**
- 820 WBAP TX **Fort Worth** – 8/29 0600 – Under WNYC; Red Eye Radio, "WBAP Ft. Worth-Dallas, KPLX FM HD2 Ft. Worth." **(BC-NH)**
- WJFN VA **Chester** – 9/12 0600 – Under/over WBAP and WNYC; "WJFN Chester, 100.5 FM..." ex-WNTW. **(BC-NH)**
- 850 WPTK NC **Raleigh** – 8/22 0000 – Under WEEL; promo/ID, "...on Just Right Radio, FM 104.7 ...AM 850 WPTK Raleigh, Durham, Cary, and Chapel Hill." **(BC-NH)**
- 860 KKOW KS **Pittsburg** – 8/31 0011 – Noted C&W music under CJBC, definitely heard "Wheels" by Restless Heart, "Wanted" by Alan Jackson, "860 KKOW and 97.5 Joplin" at 0020, ads and more music. Poor to very poor under CJBC. // to kkowam.com stream. **(PS-ON)**
- 930 WLLL VA **Lynchburg** – 8/31 2240 – Local ad for Pharmacy Supply and Hardware in Lynchburg. Into replay of Joe Biden Pittsburgh speech. Good over WBEN. **(HJH-PA)**
- 1080 WUFO NY **Amherst** – 8/16 2344 – Instrumental jazz, possible ID at 2346, more music. Fair to poor. // to Tune In stream. First time heard at this location. **(PS-ON)**
- 1110 WKDZ KY **Cadiz** – 9/4 2237 – On after sunset with "I Still Haven't Found What I'm Looking For" by U2, "...from your friends at WHVO", more music. Poor to very poor with WBT. // to Tune in stream. First time heard at this location. **(PS-ON)**
- 1140 CBI NS **Sydney** – 9/5 *0458 – Over/under WRVA; vocal O Canada national anthem. **(BC-NH)**
- 1150 WNLR VA **Churchville** – 8/30 1958 – ID as "New Life Radio WNLR" into Mission Network news at 2005. Weak with many others. **(HJH-PA)**
- 1170 WWTR NJ **Bridgewater** – 9/7 0459 – Under WWVA open carrier; EBC Radio ID and subcontinental Indian music. **(BC-NH)**
- 1200 WXKS MA **Newton** – 8/19 2000 – In WSML, WXIT and WKST mix with male "Fox 12 hundred AM Boston" slogan. **(KK-VA)**
- WSML NC **Graham** – 8/19 1952 – In WXKS, WXIT and WKST mix with "1200 all new 'The Maverick'" slogan. Noted again at 2108 with "Everything country. 'The Maverick'". **(KK-VA)**
- 1210 WANB PA **Waynesburg** – 8/19 1924 – Mixing with WPHT other singing and R. Reloj, "...cool country" station promo. **(KK-VA)**
- KUBR TX **San Juan** – 8/18 2234 – Spanish language (possibly religious) music, some instrumental music, "...La Nueva Radio Cristiana" slogan at 2244. Poor to very poor with WPHT. // to Tune In stream. First time heard at this location. **(PS-ON)**
- 1230 WMOU NH **Berlin** – 9/5 0100 – Through WGUY; "Serving the North Country... this is WXXS FM Lancaster-Littleton..." **(BC-NH)**
- WMML NY **Glens Falls** – 9/7 0600 – Poor; Fox Sports Radio "...now on 97.9 FM." **(BC-NH)**
- WCRO PA **Johnstown** – 8/19 1912 – In multi-station mix (WFVA, WRBS, WCBT, WCMC, UNID ESPN) with "30 minutes of stress free comfortable music starts right now. 102.9 FM and 12-30 WCRO" station promo. **(KK-VA)**
- WJOY VT **Burlington** – 9/5 0500 – Fair, over WCMC; nostalgia, "Since 1946, this is AM 1230 WJOY Burlington," and ABC News Now. **(BC-NH)**



- 1240 WSNJ NJ **Bridgeton** – 9/8 0618 – Promo for "POP-FM" in a crowd of stations at this time. (JW-PA)
- WGBB NY **Freeport** – 9/8 0628 – Chinese music followed by "Chinese Radio" slogan and mention of Freeport, NY. (JW-PA)
- WTPS VA **Petersburg** – 8/19 1857 – In multi-station mix (WDNE, WJEJ, WJNC, WRTA, UNID singing and Christian talk) with typical ESPN Radio programming, "this is ESPN Richmond" slogan. (KK-VA)
- 1250 WYKM WV **Rupert** – 8/26 2006 – In multi-station mix (WRCW, WDVA, WTMA, WGHB, WPGP and UNID religious talk) with "Your country connection WKYM" ID. (KK-VA)
- 1260 WKXR NC **Asheboro** – 8/26 1912 – In multi-station mix (WQOF, WCHV, WWVT, WPHB, WSUA) with male "Clark county's WKXR" ID. (KK-VA)
- WWVT VA **Christiansburg** – 8/23 2321 – Jazz music, female announcer mentioning "This is Jazz", ToH mentioned local business and "WVTF is transmitting..." and mentioned a variety of stations. // to wvtf.org stream. Fair at times to very poor in station mix with Relevant Radio station (WQOF or WSDZ). Day power? Can't be 25 watts. (PS-ON)
- 1270 WQTT OH **Marysville** – 8/26 2004 – In multi-station mix (WCBC, WTJZ, WLBR and more UNID talk with "Classic rocker WQTT" slogan. (KK-VA)
- 1280 CFMB QC **Montréal** – 8/26 2100 – Presumed mixing with WHVR, WJAY, Spanish singing, other SS and other religious singing, noted classical music, female mentioning "Classical music..." (KK-VA) NRC Log lists classical music (CLA) as one of CFMB's formats along with ethnic. Not sure if they have any programs in EE. Mike.
- 1300 WXRL NY **Lancaster** – 9/7 1933 – In multi-station mix (WKCY, WMTN, WGDJ, more talk, more singing and religious singing) with female "The country voice of western New York for 50 years. WXRL." (KK-VA)
- WMTN TN **Morristown** – 9/7 2034 – In multi-station mix with male "Looking for the best country?" Female "Love this station". Make "This is where it's at. Country legends 93.3" station promo. (KK-VA)
- 1310 WDTW MI **Dearborn** – 9/7 2101 – In multi-station mix (WDCT, WGH, WDKD, WISE, WXMC, WOKR, more talk and oldies) with male speaking Spanglish (SS-EE mix), "This is WDTW... W 300 C I Huron...". New station for me. (KK-VA)
- WOKR NY **Canandaigua** – 9/7 2059 – In multi-station mix with male "Real country". Female "WOKR country". Male "WOKR classics". New station for me. (KK-VA)
- WISE NC **Asheville** – 9/7 2045 – In multi-station mix with ID as "WISE sports radio 1310 AM 970 and 102.9 FM". (KK-VA)
- 1320 WJKI MD **Salisbury** – 9/7 1959 – In WJAS/WTKZ mix with "...W275DX...13-20 AM WJKI Salisbury's...the vault rocks" ToH ID. (KK-VA)
- WTKZ PA **Allentown** – 9/7 1825 – In multi-station mix (WJAS, WJKI, more talk and more oldies) with male "Fox sports radio 12-30, 13-20 94.7 FM". (KK-VA)
- 1330 WYRD SC **Greenville** – 9/10 0500 – Lots of ESPN mentions up to the hour, then identifying as broadcasting from Greenville. Sketchy reception. (JW-PA)
- +++ – 9/7 1944 – In multi-station mix with female "Here's the ESPN Upstate weather." (KK-VA)
- WESR VA **Onley-Onancock** – 9/7 1903 – In multi-station mix (WEBO, WBTM, WYRD, other talk, UNID Spanish and more singing) with ID as "You're listening to AM 13-30 WESR Onley and Onancock, FM 105.7 'Coastal country'." (KK-VA)
- 1340 WIRY NY **Plattsburgh** – 9/5 2100 – Fair, over WVNR; 10 second station ID on the WFAN New York Yankees Radio Network, "1340 AM Stereo WIRY Plattsburg, New York." (BC-NH)
- WJRI NC **Lenoir** – 9/7 2100 – In multi-station mix (WLSG, WHAP, ESPN, more talk, more oldies and UNID Spanish) with female "I love Star... 94.7 and 100.5..." (KK-VA)
- 1350 WRNY NY **Rome** – 9/5 2100 – Fair; 10 second station ID on the WFAN New York Yankees Radio Network, "WTLB Utica, WRNY Rome, ESPN Radio Utica-Rome now on 96.5 FM." (BC-NH)
- 1360 WKMI MI **Kalamazoo** – 9/5 2200 – Full ID at top of the hour then ABC News. Fair signal during WNJC fade. (HJH-PA)
- +++ - 9/12 0000 – Fair, over het from unID 1359 kHz; "This is your station for information, WKMI Kalamazoo," into ABC news. (BC-NH)
- WWOW OH **Conneaut** – 9/13 0600 – Fair; "Does Anybody Really Know What Time It Is?" by Chicago, "The memories of a generation on 1360 Wow." (BC-NH)



- 1380 CFWC ON **Brantford** – 9/7 2000 – “Arise Christian Radio 1380” slogan. Mention of Ontario on public service message. No call ID noted at top of the hour. Good signal over usual WKDM. **(HJH-PA)** *Ex-CKPC, recent flip from C&W (or mix of C&W and oldies) to Christian. CKPC calls and old format move to FM. Mike.*
- 1390 WNIO OH **Youngstown** – 9/10 0727 – Recent flip from sports talk to all-sports betting, noted with “Youngstown’s home of the Steelers, 1390 the Gambler” station promo. **(MKB-ON)**
- 1400 WDNY NY **Dansville** – 8/26 0728 – Noted briefly over the jumble with "your favorite hits from the 70s to today, Hometown Radio WDNY" into Maroon 5 song. **(MKB-ON)**
- 1440 WAJR WV **Morgantown** – 9/7 0300 – Missed call sign ID but heard announcement for "a West Virginia Network Radio Station." Very likely WAJR; getting beat pretty bad by WHKZ. **(JW-PA)**
- 1460 WBUC WV **Buckhannon** – 9/12 2200 – WFGM ID heard with mention of Fairmont, Morgantown and some other town. Fair with many others. **(HJH-PA)**
- 1470 WBOM CT **Meriden** – 9/5 0600 – “W-D-R-C” ID (/WDR-1360 Hartford) on the hour with mention of Connecticut. Promo of subsequent program then "Talk of Connecticut" slogan and WDR call sign ID at 0605. No audible mention of WBOM through the lead up to and after this period. **(JW-PA)**
- WMBD IL **Peoria** – 9/11 2148 – “WMBD” call ID with mention of 100.3 FM. Returned to an UnID talk program. Fair with others. **(HJH-PA)**
- WPDM NY **Potsdam** – 9/11 2200 – “Star Country 100.1” slogan and call ID. C&W music, fair to weak with others. **(HJH-PA)**
- +++ – 9/7 2152 – In well tonight, probably at 1000 watts. Local business promo, "Super star country 100.1" slogan, ads, weather, "back to back country, WPDM, Potsdam" at 2158. Fair to very poor at times. First time heard at this location. **(PS-ON)**
- 1480 WLEA NY **Hornell** – 9/7 0800 – Over presumed WHBC with local ads mentioning the "Southern Tier", "AM 1480 WLEA Hornell...news first and fast" ToH ID. **(MKB-ON)**
- 1510 WMEX MA **Quincy** – 9/2 2231 – Strong with “Music All Night” slogan. 60’s and 70’s oldies songs. **(HJH-PA)**
- +++ – 9/3 2243 – On day power tonight with various oldies, MeTV promo at 2252, another MeTV promo, "1510 forecast (sung)... from the WMEX weather center" at 2256. Good to poor mostly drowning out WLAC. First time heard at this location. **(PS-ON)**
- 1520 WTHE NY **Mineola** – 9/12 2300 – On after sunset. Tuned in to Spanish talk with mentions of NY, flurry of Spanish IDs (I assume), ID in EE: "...WTHE Mineola, NY", music, Spanish language religious talk. Good to fair almost always over WWKB. **(PS-ON)**
- 1570 WPTW OH **Piqua** – 8/21 2306 – “Heaven Knows” by Donna Summer, “Everytime You Go Away” Paul Young, “WPTW, home of ABC news now” at 2312. Poor to very poor in station mix. First time heard at this location. **(PS-ON)**

IRCA Mexican Log, 23rd Edition (Fall 2020)

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

The 2020-21 Mexican Log .pdf is posted on the IRCA website for all to download. The link is: https://www.ircaonline.org/editor_upload/File/2020-21_IRCA_Mexican_Log.pdf

Thanks to Tim Hall for his dedicated work on this.



Domestic DX Digest – West

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

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

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

My thanks to all who contributed to a very interesting DX season in the past year. Now . . . let's make Volume 88 even better. My challenge: for all members in the DDXD-West coverage area to report at least once. That should make the column very interesting for all.

John Wilkins writes on September 9: "It's snowing here! Two days ago it was near 100! A drop of a mere 60 degrees – only in Colorado, hi. Anyway, here are my logs and a special treat – attached is a photo from September 1990 (30 years ago, almost to the day) of Peakbagger3 atop La Plata Peak (14336') after a long stroll and 4200 feet of elevation gain. I'm not sure what DX weapon I'm holding but I do recall doing a daytime bandscan with mediocre results. I've been scanning some of my thousands of pics during my Stay at Home time and have unearthed some real goodies, including this one."

Thanks, John. Zooming in on the picture, that radio looks like an ICF-2010 (?). By the way, John's email address includes 'peakbagger3', thus his reference to that. If you have a photo of yourself at the dials, send it along with your logs and we'll see if we can find room to publish it.

Upcoming deadlines for DDXD-West Volume 88: Issue 1 – September 25; Issue 2 – October 9.



--- REPORTERS ---

- SMA-MB** Shawn Axelrod Winnipeg, Manitoba Receivers: ICOM IC-R70 / Drake R8 / SDRPlay RSPduo; Antennae: 3-Foot un-amplified box loop / Quantum QX LOOP v2.0 / 155 Foot U-shaped outdoor wire / 100-Foot indoor wire run around the basement walls
- SB-CA** Stephanie Battaglini Palm Desert, California RX: Perseus w/Jaguar Pro ANT: Wellbrook ALA 1530 LNP
- MF-CA** Martin Foltz Mission Viejo, California HQ-180A & 75 foot wire, Sony SRF-M37W
- WH-CO** Wayne Heinen Aurora, Colorado SDRPlay RSP2Pro, E/W Flag, N/S Flag T-1 Termination Gizmo and Mini DXP5
- TK-FL** Terry Krueger Niceville, Florida IC-R75, NRD-535, ICF-7600GR, active loop, random wire
- JEL-MO** J E Lewis Kansas City, Missouri Honda Odyssey car radio
- JN-TX** James Niven Cedar Creek (East of Austin), Texas Receivers: ELAD S2, Perseus SDR and Drake R8B with Antennas as DKAZ 120 deg, DKAZ 60 deg and DKAZ 310 deg
- JJR-MI** John J Rieger L'Anse, Michigan Grundig Satellit 750 -Terk AM1000 loop, Sangean ATS-909X stock (The Terk loop can/does phase the Grundig antenna)
- JJR-WI** John J Rieger South Milwaukee, Wisconsin Icom IC-R75, MFJ-959B tuner/preamp, Kiwa loop, Sangean ATS-909X stock
- JW-CO** John Wilkins, Wheat Ridge, Colorado Drake R-8, 4-foot box loop

--- A LITTLE HELP NEEDED FROM YOUR DX FRIENDS ---

Answering Mike Riorden's question (see last Issue) about whether or not **KNX-1070** is using IBOC, is Wolfgang Schneider. He reports "KNX is not using IBOC now and has not used it for a number of months. I don't know if this is permanent". **Thanks, Wolfi!**

And . . . Martin Foltz also checks in on the subject: "I reported KNX IBOC was off on April 8th to the IRCA list. Paul Walker said it had been off for weeks. So it's been off at least since beginning of April and probably earlier". **Thanks, Martin!**

--- MY FAULT, ENTIRELY! ---

Last Issue **Jon Pearkins** from Edmonton reported the new **CHAH- 580** being on the air. For some reason (most likely 'brain gas'), I messed up when repeating the calls in the notice as 'CHHA'. Apologies to all. Especially to Jon. - **Ye Editor** -

--- DX TEST ---

- 1070 WCSZ SC **Sans Souci** - 08/21 - DX Test noted at **0016** with Morse code under KTFI and KNX, also at **0059** with Morse code. Fair signal at both times. New. **(JN-TX)**
- 1070 WCSZ SC **Sans Souci** - 08/22 **0002** - Poor signals under WTSO and KSKK, but I got the Morse Code ID at **0002** and again at **0016** in the DX test. Thanks for the new one! **(SMA-MB)**
- 1070 WCSZ SC **Sans Souci** - 8/22 **0002** - Poor, heard code, 'Love is Blue', 'I Fought the Law', 'Gloria', 'Take Me Home', A-Ha, others (not in this order), code, etc. Some (though not much) WTSO. **(JJR-WI)**

--- UNID ---

- 1410 UNID - 8/21 **2104** - 'Reach Out Of The Darkness' by Friend and Lover ('68) and signal dropped after song. Have heard oldies here off and on over the summer, but still lost. Doubt if it's NEW, though. Poor, with WIZM nulled. **(JJR-WI)**
- 1490 UNID - 8/18 **1803** - Heard CSN&Y's 'Woodstock' into Neil Diamond's 'I Am A Man' [I think you meant 'I Am, I Said' - Ed.], 'Coconut' by Harry Nilsson, and 'Mr. Bojangles' by Arlo Guthrie. Then faded into the co-channel. Pointed NE/SW. **(TK-FL)**

--- DX LOGGINGS ---

- 540 KNMX NM **Las Vegas** - 8/18 **0749** - Poor, with SS and EE songs (Doja Cat). No sign of CBK. "K - New Mexico". **(JJR-MI)**
- 550 KFYZ ND **Bismarck** - 9/4 **0637** - Poor, way under WSAU, with "Yesterday's high in Bismarck was 75 . . .". **(JJR-MI)**
- 560 KLZ CO **Denver** - 8/17 **0630** - Poor, with PSA for Colorado National Guard, promo for the 'Afternoon Rush on KLZ-560' and Crawford app. Alone. **(JJR-MI)**
- 560 KMON MT **Great Falls** - 9/5 **0642** - Poor, replacing CFOS, which was in earlier. Calls, C&W. No sign of WIND. **(JJR-MI)**
- 570 KNRS UT **Salt Lake City** - 8/20 **0754** - Non-local ads, ID as "Talk 105-9 KNRS," then back to America's First News. LID at **0759:50**, only partially readable. Fair with KLZ-560 IBOC hash partially nulled. **(JW-CO)**
- 580 KUBC CO **Montrose** - 9/3 **0726** - Poor -- "Western Colorado" caught my ear! Weather for Wednesday night and Thursday Morning. No calls heard. **(JJR-MI)**
- 580 CHAH AB **Edmonton** - 9/8 **0714** - Very poor, but this ETH cuts through the News-Talk and sports stuff. **(JJR-MI)**
- 580 CKWW ON **Windsor** - 8/18 **0644** - Poor - "AM 580", then 'Right Down the Line' by Gerry Rafferty. Been a while. **(JJR-MI)**
- 600 KSJB ND **Jamestown** - 8/17 **0625** - Weather tagged with calls and KSJB jingle. **WMT has a downed tower**, thus this! WMT was in weaker than usual on 8/18. Poor. **(JJR-MI)**
- 600 KROD TX **El Paso** - 09/05 **2159** - With male: "From Hometown to Nationals, sports spoken here, 600 ESPN KROD El Paso and 600espnel Paso.com". Good, on top of the channel. Dominant on new DKAZ 310 degree antenna. Relog. **(JN-TX)**
- 600 CKAT ON **North Bay** - 8/21 **2237** - Steady, with "Country 600", ads, weather, LID @ **2242**. Poor, but not bad with no WMT! **(JJR-WI)**
- 610 WTEL PA **Philadelphia** - 8/30 **2228** - Poor. "610 ESPN" and "Museum of Sports show moving to 860 WWDB". Station has flipped format from ESPN. **(JJR-WI)**
- 620 KTAR AZ **Phoenix** - 09/05 **0459** - With male: ". . . tell are friend in Arizona, the new ESPN Radio lineup, can be heard right here . . . ESPN 6-20". Fair-to-good, on top of the channel. Relog. **(JN-TX)**
- 630 CHED AB **Edmonton** - 9/7 **0704** - Global Radio News RIGHT INTO show. No Calls. Idiots! ("6-30 Ched" would be, what, one second?) Only affiliate on frequency. WREY easily nulled. Poor. **(JJR-MI)**
- 640 KFI CA **Los Angeles** - 8/18 **0700** - Poor -- "KFI-AM" after 'Coast-to-Coast' ads, "KFI AM and HD, Los Angeles, Orange County . . . on the I Heart . . .". First time for new season, which is heating up! **(JJR-MI)**
- 640 KFI CA **Los Angeles** - 09/05 **0000** - With KFI calls mentioned and news items on California residents in for a heat wave advisory. Mixing with KWPN and another station. Fair-to-good. Relog. **(JN-TX)**

- 660 CFFR AB Calgary – 9/4 0657 – Poor -- with employment numbers from 'Stats-Canada', '660 News' with others. (JJR-MI)
- 680 WOGO WI Hallie – 9/3 0821 – Very poor, through WDBC. Wisconsin sports, “. . . on WOGO or Wogo.com”. (JJR-MI)
- 690 KFXN MN Minneapolis – 9/3 0745 – Poor -- Hmong chanting over very weak CKGM. CKBF in way more than this! (JJR-MI)
- 740 KCBS CA San Francisco – 09/05 2359 – With traffic report from Joe: “. . . traffic leader, KCBS”, the female with weather report. Fair-to-good signal, then into CBS News. Relog on DKAZ 310 degree antenna. (JN-TX)
- 740 KNFL ND Fargo – 9/11 2138-2140 – Good, and in the clear, with high school football, mention of high worth of high school sports, and 'Comstock Land Company' which is a Fargo-based firm. They run 940 Watts at night from their far West Minnesota transmitter site and have a broad lobe in our direction. New! (JEL-MO)
- 740 KRMG OK Tulsa – 09/05 2259 – With calls given by male. Fair signal on DKAZ 310 degree antenna. Relog. (JN-TX)
- 740 CBX AB Edmonton – 9/7 0654 – Poor, with Canadian news stories. No CFZM. “Go to cbc.ca for updates” by female. Nice! (JJR-MI)
- 750 KERR MT Polson – 08/22 0200 – On late with day facility, per tip on [nrc-am]. Out of C&W to “KERR” call ID and CBS News. (WH-CO)
- 750 KAMA TX El Paso – 09/05 2129 – With female giving call letters: “K-A-M-A El Paso”, then back into music. Fair. Relog. (JN-TX)
- 760 KGB CA San Diego – 09/05 0101 – With male: “. . . on San Diego's 760 AM . . .”, then into CBS News. Fair-to-good signal, fighting it out with Regional Mexican station. NEW. (JN-TX)
- 770 KCBC CA Manteca – 9/6 0133-0145 – Eye-to-Eye program, promos for programs and ID, 'The Boundless Show'. Heard nights here, but varies from poor-to-good. (MF-CA)
- 770 KATL MT Miles City – 9/9 0659 – Post Malone song, LID at TOH. WABC gone, KUOM s/on. Poor. (JJR-MI)
- 770 KKOB NM Albuquerque – 09/05 0800 – With male: “News Radio KKOB AM and FM Albuquerque, a Cumulus Station. . .” into ABC News. Good, on top of the channel. Relog. (JN-TX)
- 780 WJAG NE Norfolk – 9/3 0738 – Rush Limbaugh segment, ID as “WJAG and wjag.com”, followed by a tractor ad and “Skywatch Weather”. Fair/good with not much QRM. (JW-CO)
- 790 KNST AZ Tucson – 09/05 0800 – With male: “. . . KNST Tucson. This KNST AM 7-90 are iHeart Radio Station”, all alone on the channel with good signal. NEW. (JN-TX)
- 790 KGHL MT Billings – 9/3 0718 – Poor, with ads for 'Rocky Mountain Compost' in Lockwood, 'Ace Hardware', 'Stayleys Tire/Automotive', 'Morton RV . . . at exit 452', and ID: “Eastern Montana and Northern Wyoming's Mighty 790 . . . KGHL”. (JJR-MI)
- 820 WBKK MN Wilton – 8/17 0628 – Poor, with Catholic chatter and mention of web at: YourCatholicRadioStation.com. (JJR-MI)
- 820 WVSG OH Columbus – 8/31 2040 – Poor, in WCPT null, with Catholic Mass. Assumed. (JJR-WI)
- 830 KDRI AZ Tucson – 09/05 0758 – With Ozark Mountain Daredevils' 'Jackie Blue'. Then male: “Here we go (Car Beeps) . . . The Drive 101.7 . . . The Drive Time”. Then into Chicago's “If You Leave Me Now”. Fair-to-good. Relog. (JN-TX)
- 840 KTIC NE West Point – 9/11 2028 – Poor, with WHAS nulled. “Classic Country . . . (fades) . . . KTIC”. (JJR-WI)
- 880 KHAC NM Tse Bonito – 09/02 2200 – “KHAC Tse Bonito, KWIM Window Rock and KTBA Tuba City. Broadcasting in the name of Jesus Across Nations”, to children praying. (WH-CO)
- 880 KHAC NM Tse Bonito – 09/05 0801 – With nice big signal, male saying: “You're listening to KHAC Tse Bonito, KWIM Window Rock and KTBA Tuba City, exalting the name of Jesus across the nations”. Relog. (JN-TX)
- 880 WCBS NY New York – 08/28 0159 – With male, coming out of weather details, with “This is WCBS and WCBS-FM HD2 New York”, then into CBS News. Fair-to-good at times. New. (JN-TX)
- 890 KQLX ND Lisbon – 9/3 0815 – Poor, with Western and Central North Dakota weather. News stories about 76 MPH winds and a camper being blown over. (JJR-MI)



- 900 KFLP TX Floydada – 09/05 0801 – With nice big signal with detailed weather report and then ID: “KFLP Floydada. Farm Radio, All Ag, All Day”, then into SRN News. NEW. (JN-TX)
- 900 CKBI SK Prince Albert – 9/4 0647 – Poor, with no sign of CHML. Ad for McDonald’s in Prince Albert, then calls followed by C&W. (JJR-MI)
- 910 KCJB ND Minot – 9/7 0646 – Poor, with PSAs for ‘North Dakota Veterans Home’ and ‘North Dakota Broadcasters Association’ followed by ad for ‘4 Bears Casino’ on Highway 83. (JJR-MI)
- 910 KJJQ SD Volga – 8/17 0643 – C&W song (thinking KCJB) and got weather from “. . . the Ranch – AM 910”. Poor. (JJR-MI)
- 920 KRLV NV Las Vegas – 9/9 0158-0211 – Poor, with local KKGX somewhat nulled. Sports talk with a roundup of NBA playoffs, mention of Lakers with clip of LeBron. ESPN mention as well. 2 kW at 182 miles. (SB-CA)
- 920 KFLB TX Odessa – 09/05 0700 – With religious tunes, then female: “Helping you experience God, this is KFLB Odessa, KFLB-FM Stanton and K269FG Big Springs. Family Life Radio”. Nice big signal. Relog. (JN-TX)
- 920 CKNX ON Wingham – 8/24 2129 – Poor, with WOKY nulled. Blue Jay promo: “A M 920 CKNX . . . mornings 5:30 to 10 AM, Larry Hudson Chevy-Buick-GMC”. This was a treat vs more common CFRY. (JJR-WI)
- 930 KDET TX Center – 09/05 0100 – Buried under KLUP, but I heard male say: “Thank you for listening to K-D-E-T Radio 9-3-0 on your radio dial”, then gone. Briefly came up. Relog. (JN-TX)
- 940 KGMS AZ Tucson – 09/05 0400 – With male, on top of the channel, with quick “KGMS Tucson”, then gone. Fair signal. NEW. (JN-TX)
- 940 CFNV QC Montreal – 9/10 2038 – Poor -- FF sweepers after every other song. (JJR-WI)
- 940 CJGX SK Yorkton – 09/05 0659 – Up out of the jumble with “. . . CJGX are Harvard Radio Station serving Saskatchewan and Manitoba, we are AM 940 . . .”, then dipped. Fair signal when in, on DKAZ 310 degree antenna. New. (JN-TX)
- 950 KTNF MN Saint Louis Park – 8/17 0818 – Poor, fighting WERL. Talk of elections, voting, etc. (JJR-MI)
- 950 KJTV TX Lubbock – 09/05 2059 – With male saying: “100.7 The Score”, then back into baseball broadcast. Good signal. Relog. (JN-TX)
- 950 CFAM MB Altona – 9/5 0601 – “Classics ‘til Dawn, CFAM Radio 950”. Poor, through a weak WWJ. (JJR-MI)
- 960 KKNT TX Phoenix – 09/05 0700 – With male saying: “9-60 The Patriot, KKNT Phoenix, a division of the Salem Media group, online at Tune in Radio App”. On top of the channel with nice clear signal. Relog. (JN-TX)
- 960 WHAK MI Rogers City – 9/9 0817 – Ads for Traverse City, Rogers City, Charlevoix, and Glen Arbor. No calls noted, yet these local (Michigan) cities point to WHAK. Rare. Poor. (JJR-MI)
- 960 KNDN NM Farmington – 09/02 2200 – Out of C&W, “KNDN Farmington NM”. (WH-CO)
- 960 KGKL TX San Angelo – 09/05 0259 – With ESPN Sports, and mention of ‘espn960sanangelo.com’, so appears this is a network change from Fox to ESPN. Fair-to-good at times. Relog. (JN-TX)
- 960 WTCH WI Shawano – 9/10 0746 – Poor -- “WTCH” between Classic Country songs. KLTF and KMA way more common on channel here. (JJR-MI)
- 960 CFAC AB Calgary – 09/05 0258 – With male: “. . . Well Calgary, these times are not like anyone has seen. Paradise Bay hot tubs . . . on the corner . . .”. Fair-to-good at times, with KGKL mixing at times. Relog. (JN-TX)
- 970 WZAM MI Ishpeming – 8/30 2131 – Poor, with “. . . this is ESPN U. P. on WZAM” in Sunday Night Baseball break. (JJR-WI)
- 970 KQAQ MN Austin – 8/20 0847 – Poor -- “Real Presence Radio” with another (WDAY?) and one with open carrier. (JJR-MI)
- 980 KVLV NV Fallon – 08/30 2300 – Up briefly “KVLV Fallon” and what sounded like s/off announcement. New for me and Taped. Had been noted on [irca] list as getting out well at sign off. (WH-CO)
- 980 KMIN NM Grants – 09/05 0759 – Male says: “104.3 FM K282BW Grants . . . and broadcasting to five counties, . . . on 9-8-0 on your radio dial, this is KMIN Grants, New Mexico, you are in” (Singing jingle K-Mine), then into SRN News. Fair-to-good signal. NEW. (JN-TX)
- 980 KDSJ SD Deadwood -8/28 0754 – Star Spangled Banner, then “Welcome to another broadcast day on KDSJ . . .”. Local news followed. Fair in QRM. (JW-CO)

- 980 CJME SK Regina – 9/6 0733 – Ads, call letter ID, local talk show. Generally fair. (JW-CO)
- 990 KRKS CO Denver – 09/05 0259 – With a quick “Denver’s 9-90, AM the Word” by male. At fair level. Relog. (JN-TX)
- 1000 KOMO WA Seattle – 9/3 0707 – Poor, with national news stories, 0711: “Komo News” and ads. WMVP easily nulled. (JJR-MI)
- 1010 KSIR CO Brush – 9/9 0727 – Poor, with EWTN feed. “Focus on the Family, Saturday mornings on 1010 – KSIR. WPCN in too. (JJR-MI)
- 1010 KTNZ TX Amarillo – 09/05 2259 – Male with details on the EWTN app, then “You are listening to KDJW Amarillo, KTNZ Amarillo, KHFN Nazareth. We are Catholic Radio on the High Plains. Radio, the message of God’s love”. Good signal. Relog. Format and network change? (JN-TX)
- 1010 CBR AB Calgary – 9/7 0730 – Poor -- “. . . from the CBC . . .” by woman. WPCN gone, and no CFRB. (JJR-MI)
- 1020 KCKN NM Roswell – 9/5 0636 – SS REL programming from ‘R. Vision Christiana’. Poor. (JJR-MI)
- 1030 WUFL MI Sterling Heights – 9/10 1945 – Poor, with sign-off. Caught by accident. Rarely in this well. (JJR-WI)
- 1030 KTWO WY Casper – 09/05 0700 – With weather report for the Casper area for the Labor Day weekend. Fair-to-good at times. Relog. (JN-TX)
- 1040 CKST BC Vancouver – 9/10 0710 – Very poor, but easily heard, with ESPN chatter in WHO null. (WH-CO)
- 1050 WTKA MI Ann Arbor – 8/21 2224 – Poor, with Tigers vs Cleveland MLB. Deep in WLIP null, and CHUM (“TSN 1050”) behind that! (JJR-WI)
- 1050 WVXX VA Norfolk – 8/21 2224 – Very poor, with two-to-three lively SS songs and sweepers. “La Selecta”. Was WCMS years ago. (JJR-WI) [They became WCMS on 12/18/2003 and WVXX on 12/6/2004 – Ed.]
- 1050 CJNB SK North Battleford – 9/3 0706 – Poor, with C&W song, “Saskatchewan’s Country – CJNB”, into song. (JJR-MI)
- 1060 KDUS AZ Tempe – 8/22 0457-0501 – Fair, with a brief peak. Sports talk with mention of NBA bubble into TOH ID by male: “AM 10-60, KDUS, Tempe-Phoenix”. 500 Watts nights at 254 miles. (SB-CA)
- 1060 KRCN CO Longmont – 09/05 2059 – Male with Colorado weather details, Steve Hamilton, then ID as “. . . Catholic Radio Network, KRCN Longmont, Boulder and Denver”. Fair-to-good signal. NEW. (JN-TX)
- 1060 WHFB MI Benton Harbor – 8/30 2204 – Poor -- ‘WHFB’ jingle, Motown and More said, 4 Seasons OLDie over KYW. (JJR-WI)
- 1060 WILB OH Canton – 8/20 0746 – Very poor, with Catholic chatter, “Living Bread” mentions. No WHFB; in KFIL null. (JJR-MI)
- 1060 KGFX SD Pierre – 09/05 0059 – With Johnny Cash song, then male with ID as “10-60 KGFX”, then back into music. On top of the channel with nice signal. NEW. (JN-TX)
- 1060 KFGX SD Pierre – 9/9 0651 – Poor. “Country classics play here: 1060 AM and 107.1 FM KGFX” between C&W songs. (JJR-MI)
- 1060 CKMX AB Calgary – 9/3 0705 – Poor, but alone, with Jeff Foxworthy comedy bit. “Funny 1060”. (JJR-MI)
- 1060 CKMX AB Calgary – 09/05 2359 – On the top of the channel with female comedy acts at Fair-to-good level at times. Can hear an oldies station underneath with ‘Lonely Girl’ by Eddie Holman. Relog. (JN-TX)
- 1070 KNX CA Los Angeles – 8/21 0013 – Ad for ?? law firm, “Southern California’s . . . KNX 1070 NewsRadio”. First time for KNX in new season. Poor, with C&W and lightning crashes in back. (While) trying for WCSZ DX Test. Also heard on 9/3. (JJR-MI)
- 1070 KNX CA Los Angeles – 09/05 0759 – With weather details and time check at 0500. Heard throughout the evening at fair-to-good signal at times. Relog. (JN-TX)
- 1070 KWEL TX Midland – 09/05 2059 – With CASA [??? – Ed.] details. Male with: “Locally owned and operated. This is KWEL Midland and K296FG Midland”. Good signal. Relog. (JN-TX)
- 1080 WKAC AL Athens – 8/29 0704 – Briefly faded up over XETUL with Pilot’s ‘Magic’ into ‘16 Tons’ by Tennessee Ernie Ford. In again for a few seconds at 0743 with Hall and Oates’ ‘Rich Girl’. All matching their stream and scroll. Never previously logged. (TK-FL)



- 1080 KSCO CA Santa Cruz – 08/25 0300 – “KSCO.com . . . KSCO Santa Cruz”. New for me and taped. In dead air of KRLD. (WH-CO)
- 1100 KFNX AZ Cave Creek – 09/05 0000 – With male saying: “11 hundred KFNX, Cave Creek, Phoenix”, then into CBS News. Fair-to-good. Relog. (JN-TX)
- 1100 KNZZ CO Grand Junction – 09/05 0300 – With male giving ID as: “News Radio 11 Hundred, KNZZ Grand Junction”. Fair-to-good at times on this hour. Relog. (JN-TX)
- 1100 WZFG MN Dillworth – 8/17 0623 – Poor, with talk of North Dakota hunting and fishing regulations. WISS nulled. No WTAM. (JJR-MI)
- 1110 KEJL NM Humble City – 09/06 2052 – With male: “Eagle 100.5”, repeated a couple of times, then back into music. All alone on the channel at good level. New. (JN-TX)
- 1110 WBT NC Charlotte – 08/11 2259 – With female mention: “. . . WBT Charlotte”, then male: “News-Talk 1110 and 993 are Radio.Com radio station”, then into ABC News. Fair signal. New. (JN-TX)
- 1130 WBBR NY New York – 08/25 0600 – “. . . WBBR New York. Bloomberg Eleven Three Oh . . .” to Bloomberg Network ToH programming. New for me and taped. (WH-CO)
- 1150 WEAQ WI Chippewa Falls – 8/18 0715 – “Midwest Family Eau Claire” and how to advertise. Poor, with WHBY nulled. (JJR-MI)
- 1170 WRPM MS Poplarville – 8/16 0648 – Nice Southern Country-Bluegrass gospel vocals. Man: “. . . on 1170 AM and 99.7 FM . . . the Great Gospel Music”. (TK-FL)
- 1179.955 WZQZGA Trion – 8/16 0701 – Live lady with local COVID stats, ‘georgiapower-dot-com’ mention for repairs from weather damage, local obits. Some Rebelde, and someone with Mexican tunes co-channel. Varying slightly, but an obvious off-frequency one. (TK-FL)
- 1180 KCKQ NV Sparks – 08/30 2300 – “KCKQ Sparks, a Lotus Radio Corporation station. And the hits keep coming . . .” to OLD music. Relog, for a decent tape ID for the collection. (WH-CO)
- 1210 WTXK AL Pike Road – 8/16 0727 – ‘Alabama Eder Abuse’ phone, Montgomery area ads, “. . . on 107.5 FM, 1210 AM” and back to ESPN. (TK-FL)
- 1210 WJNL MI Kingsley – 9/10 2046 – Poor, over WPHT, with end of ad “. . . in Traverse City” into talk. No calls, nothing. (JJR-WI)
- 1220 KDOW CA Palo Alto – 08/31 0400 – “Business Radio, AM 1220 KDOW Palo Alto – San Francisco” ID under local KLDC. New for me and taped. (WH-CO)
- 1220 KDDR ND Oakes – 9/7 0721 – “AM 1220, FM 95.9 – The Tornado, KDDR” between C&W songs. Poor. (JJR-MI)
- 1220 CJRB MB Boissevain – 9/5 0625 – “Classics ‘til Dawn” // CFAM. Poor, through WHKW. (JJR-MI)
- 1230 WMPC MI Lapeer – 8/24 2041 – Poor, with Contemporary Christian song, “? ? ? Evangelistic . . .” and lost. Assumed, and unneeded. (JJR-WI)
- 1230 WKLK MN Cloquet – 8/19 0900 – Very poor, with LID and ABC News. Lost quickly to others. (JJR-MI)
- 1230 KRSY NM Alamogordo – 8/29 0600 – “You’re listening to 1230 KRSY Alamogordo . . .” to ABC News. (WH-CO)
- 1230 KLVT TX Levelland – 09/06 0100 – Male with weak “KLVT Levelland owned and operated by Cute Boots Broadcasting LLC”, then male with jingle: “Wow they are some cute boots”, then gone. Fair. Relog. (JN-TX)
- 1240 WATT MI Cadillac – 9/11 2018 – Poor- alone, unusually steady. ‘Joe Pags Show’ on “106.1 WATT” (JJR-MI)
- 1240 KXYL TX Brownwood – 09/06 0800 – With male giving ID as “The Power of Information, KXYL . . .”. Fair signal, in the mix. NEW. (JN-TX)
- 1240 KXOX TX Sweetwater – 09/06 0359 – With country music, and male came on with: “We’re KXOX 96.7 FM and 1240 AM Sweetwater . . .”, then into Country music. Fair signal. NEW. (JN-TX)
- 1250 KHIL AZ Willcox – 09/06 2300 – With female giving ID as: “Hello everyone, this is Sylvia. You are listening to Classic Country on KHIL Radio in Willcox, Arizona. 1250 and 98.1 FM”, then into “New Country Brew”. At good level. Relog. (JN-TX)
- 1260 KSUR CA Beverly Hills – 8/29 0833 – Oldies music, female announcer with “K-Surf” slogans. Not very strong, but not much QRM. (JW-CO)
- 1260 KBRH LA Baton Rouge – 8/18 0653 – Bryan Adams’ “Straight From the Heart” into something Blues, man canned ID and “. . . listen online, kbrh-dot-org” into Jackie Wilson’s ‘Your Love Keeps Lifting Me) Higher & Higher’. Parallel way behind station stream. Fair, with little WFTW co-channel. This is -- and the FM -- high school stations? Wow, not many of this era of real radio remaining, licensed to the East Baton Rouge Parish School Board. (TK-FL)

- 1260 KBRH LA Baton Rouge – 08/28 2259 – With swinging Blues music, mixing with XEL at times. Fair-to-good signal. Relog. (JN-TX)
- 1260 KTRC NM Santa Fe – 09/06 0800 – With male saying: “This is 12-60 KTRC, 103.7 K279CX Santa Fe . . .”. At fair level, under KTAE. Relog. (JN-TX)
- 1260 CFRN AB Edmonton – 08/25 0500 – “. . . Edmonton's Sports leader TSN-1260 . . .”, under KPOW and KTRC. Hadn't heard this one for years! (WH-CO)
- 1260 CFRN AB Edmonton – 9/3-4 2347-0100 – In weak, with KSUR partially nulled. ESPN talk show, ads, TSN Radio Network, “Edmonton's Sport Leader TSN 12-60” slogan. New, verie already back. (MF-CA)
- 1270 KVMI CA Tulare – 8/31 0701 – AC music; LID at 0703 for KVMI and K248BX Visalia, their FM translator. “The New My 97-5”. Fair. (JW-CO)
- 1270 WCMR IN Elkart – 8/23 2012 – Poor, with Southern Gospel, while chasing an unID SS. Only fit. Not common, despite closeness. (JJR-WI)
- 1270 KFAN MN Rochester – 8/19 0842 – Poor -- Weather: “53 degrees, River Valley Sports – Rochester”. No usual WMKT. (JJR-MI)
- 1270 KBZZ NV Sparks – 9/6 2145-2200 – Format change: heard with Oldies, “Oldies 92.5” slogan. Nice ToH ID. (MF-CA) [K223AL Reno is now // KBZZ – Ed.]
- 1270 WQTT OH Marysville – 8/23 2129 – ‘Don't Fear the Reaper’ by REO Speedwagon and calls. Poor, with others. (JJR-WI)
- 1280 WGBF IN Evansville – 9/2 2057-2100 – Tentative. Fair-to-poor, with ad for ‘Mark's Mattress’. Faded before I could get a good ID at top of hour. I did a search online for ‘Mark's Mattress’ and there is one in Evansville, so I presume that my ID is correct. They run 1 kW at night with a fairly broad lobe in our direction. New! (JEL-MO)
- 1280 WADO NY New York – 8/23 2006 – SS sports chatter: Cuba, Mexico, baseball talk. Very assumed. Unneeded. Poor, through others. (JJR-WI)
- 1280 KSLI TX Abilene – 09/06 0600 – With male coming out of a Country song saying: “Don't let the workday fly by, we are inside another 10 in a row on Lonestar 12-80”. Fair-to-good. Relog. (JN-TX)
- 1300 WXRL NY Lancaster – 8/21 2200 – Poor, with tunes by Hank Snow, Patsy Cline, and Jim Reeves, then calls. No sign of WOOD! (JJR-WI)
- 1310 WDTW MI Dearborn – 9/10 1956 – Poor, but over WIBA! Lovely SS music, “La Z” sweepers. (JJR-WI)
- 1320 KOZY MN Grand Rapids – 8/19 0859 – Poor, with calls and flip side of ‘Happy Organ’ oldie by Dave ‘Baby’ Cortez from 1961. Over another. No WILS. (JJR-MI)
- 1320 WJAS PA Pittsburgh – 9/10 2000 – Poor -- “Talk Radio 1320”, LID and then Fox News. Over WILS. (JJR-WI)
- 1340 KWLM MN Willmar – 9/10 0705 – Very poor, with end of ABC News, then “With KWLM News, I'm. . .” in mess. (WH-CO)
- 1340 KVIV TX El Paso – 09/06 2259 – With female saying: “Esta es K-V-I-V, 13-40 AM 94.3 FM . . . Radio Victoria. . .”. Fair-to-good at times. NEW. (JN-TX)
- 1350 KHDY TX Clarksville – 08/11 0500 – With male saying: “Your home for the Texas Rangers, 13-50 KHDY in Clarksville and 99.3 K257GD Clarksville”, then into Fox Sports News. Fair level, on top of the channel. New. (JN-TX)
- 1360 KPXQ AZ Glendale – 09/06 0000 – With religion, male with ID as “Connecting Faith and Life, Faith Talk 13-60 KPXQ, Glendale, Phoenix”. Fair signal. Relog. (JN-TX)
- 1360 KSCJ IA Sioux City – 9/1 0658 – Legal ID at 0758:45 by male voice: “This is KSCJ Sioux City, a Powell Broadcasting station”, with a mention of ‘94.9 FM’. This was followed by the Pledge of Allegiance and CBS News at ToH. Noted later with “Talk Radio 1360 KSCJ” IDs. Fair, in QRM. (JW-CO)
- 1360 WVRQ WI Viroqua – 8/31 2055 Poor – ‘Chapel of Love’ by the Dixie Cups, calls, ‘Hurt So Bad’ by Little Anthony and The Imperials, in WTAQ null, then gone. (JJR-WI)
- 1360 KRKK WY Rock Springs – 8/20 0029-0100 – In strong with pop vocals, ads, “Unforgettable Memories”, nice ToH ID also mentioned on-line at ‘1360krkk.com’. New; verie already back. (MF-CA)
- 1360 KRKK WY Rock Springs – 09/06 0059 – With oldies, then male: “Unforgettable Memories . . . 13-60 KRKK Rock Springs . . . also online at 1360krkk.com”, then back into music. Fair-to-good signal level. NEW. (JN-TX)
- 1370 KGEN CA Tulare – 08/31 0200 – Out of SS Music with “KGEN La Ley 94.5 FM” ID in accented EE. New for me, and taped. (WH-CO)
- 1370 WOCA FL Pensacola – 08/28 0500 – With quick “WOCA” ID by male, then into ABC News. Fair signal. Relog. (JN-TX)

- 1380 KTKZ CA Sacramento – 8/26 0819 – Local ads. Mention of 'ktkz.com' and "The Answer" slogan. Back to Hugh Hewitt at 0822. Generally fair. (JW-CO)
- 1380 WBEL IL South Beloit – 8/19 0828 – Poor, with no usual WOTE. "92-3 – 93-9". Mostly 90s music; chatter from live jock. (JJR-MI)
- 1380 KHWK MN Winona – 8/21 2112 – Very poor through WKJG, with Classic Country. "Real Country" slogan into ads at 2117. Only fit. (JJR-WI)
- 1390 KHOB NM Hobbs – 09/06 0200 – With male giving ID as "News Talk Radio 13-90 . . . Hobbs, New Mexico. 1390 KHOB, Hobbs, New Mexico". Fair signal, mixing with KBEC at times. Relog. (JN-TX)
- 1390 KRRZ ND Minot – 8/19 0837 – Poor, but alone, with ". . . the all new AM 1390 KRRZ", then 'Heartbreaker' by Pat Benetar. (JJR-MI)
- 1400 KGVL TX Greenville – 08/11 0500 – With male saying "Eve Radio network, KGVL Greenville, 1059 FM, AM 1400, EZ Rock". On top of the channel with good signal. Relog. (JN-TX)
- 1400 WBIZ WI Eau Claire – 9/9 0744 – Very poor, with ". . . the Milwaukee Bucks play here on 98-7 the Fan", through WCCY. (JJR-MI)
- 1430 KYNO CA Fresno – 9/8 0348-0356 – Very poor, well underneath KLO's oldies mix with Janis Joplin tune, 'Mickey's Monkey' and Neil Sedaka's 'Calendar Girl'. // stream. 5 kW at 285 miles. (SB-CA)
- 1430 KRGI NE Grand Island – 9/3 0843 – Very poor, in with WRDN. Calls, time check, and weather: "High of 72". (JJR-MI)
- 1450 KNOT AZ Prescott – 8/22 0031-0101 – Good-to-fair, mixing with KTZR with several "Arizona Shine" jingles in between inspirational songs. Partial TOH ID included mentions of "103.9 and 107.9, Flagstaff". U1 1000/1000 at 230 miles. (SB-CA)
- 1450 KTZR AZ Tucson – 8/22 0027-0101 – Fair-to-poor in the mix with KNOT. Sports program with Mike Harmon, GEICO ad, baseball scores mentioned as well. // stream. U1 1000/1000 at 331 miles. (SB-CA)
- 1450 KFSD CA Escondido – 8/22 0958-1001 – Poor. In briefly, then overcome by KNOT with instrumental standards music, then late TOH ID at 1001 by male: "This is AM 14-50, KFSD, Escondido" immediately into Nate King Cole tune. 1kW with pattern oriented away from me towards the coast. (SB-CA)
- 1450 WKLA MI Ludington – 8/27 2157 – Very poor, but cut through, with "92.7 FM and 1450 AM – WKLA". Oldies format. Possibly in earlier. While just across Lake Michigan, this is rare! (JJR-WI)
- 1450 KOBE NM Las Cruces – 8/22 0100 – Very poor. Caught fleeting partial TOH ID by male, "KOBE" which dovetailed with the beginning of KTZR's TOH ID and Fox Sports sounder. U1 1000/1000 at 562 miles. (SB-CA)
- 1450 KWHW OK Altus – 08/28 2200 – Out of local spot, "1450 KWHW" to C&W Music. Owned the channel at this time. (WH-CO)
- 1470 KUTY CA Palmdale – 08/31 0101 – Out of SS Music: "KUTY Palmdale K245CL Lancaster . . .". Hadn't heard these guys in years either! (WH-CO)
- 1470 KYW TX Abilene – 9/4 0743 – Feature on calving (cows, not glaciers), with lots of icky details. A call letter ID was followed by ads and other ag news. Fair, in QRM. (JW-CO)
- 1480 KLVV TX Pasadena – 08/25 0700 – ". . . KLVV Pasadena 94.1 FM K235CS . . ." in dead air just before KQAM ID. New for me, and taped. (WH-CO)
- 1490 WKUN GA Monroe – 8/18 1956 – Faded up for a few seconds, with man: "AM 1490, WKUN" into something vocal (listed as Christian format). Why can't they all just ID upon tune-in and fade? A quick Biloxi "WANG The Possum" in right after. (TK-FL)
- 1490 KUGR WY Green River – 08/22 0800 – "It's 6 o'clock and time for CBS News on KUGR Green River, Rock Springs", atop the channel. (WH-CO)
- 1500 KCLF LA New Roads – 08/28 2201 – With male giving ID as "This 1500 AM KCLF New Roads, . . .", then into USA Radio News. Fair-to-good level. Relog. (JN-TX)
- 1510 WWHN IL Joliet – 8/21 2056 – Calls, and Blues music. Very poor, with WLAC nulled. WRRD had open carrier, leaving this. (JJR-WI)
- 1510 WMEX MA Quincy – 9/5 2200 – Very poor, though in most of night // stream. Softer OLD. Heard in '71. Rare, hi. (JJR-MI)
- 1520 KKZZ CA Port Hueneme – 8/23 0759-0802 – Poor. Fade up briefly for chimes sounder followed by TOH ID: "KKZZ, 15-20 AM, Port Hueneme, K242CW, Oxnard" by male. Immediately followed by SS talk with two male co-hosts. 1 kW nights at 162 miles. Night pattern hugs the Pacific coast. (SB-CA)



- 1520 **WHOW IL Clinton – 8/22 2054** – Very poor, with ad for ‘Douglas Dodge’ on Route 54 in Clinton. Moved on. (JJR-WI)
- 1550 **KESJ MO St. Joseph – 8/20 0815** – Very poor, with “Joe Town” mention and ‘Mickey’ by Tony Basil. Lost to usual WHIT. (JJR-MI)
- 1560 **KLNG IA Council Bluffs – 8/19 0829** – Poor, with end of REL show and calls. Lost to KBEW. (JJR-MI)
- 1560 **KBEW MN Blue Earth – 8/19 0830** – Poor, with end of song, lively DJ, calls and newscast. No WTOU or WGLB. (JJR-MI)
- 1570 **WTWB FL Auburndale – 08/28 0500** – With male, out of regional Mexican, “W-T-W-B . . . La Raza”, then back into music. Fair, under Oldies station playing “Sad Eyes”. This turned out to be WABL Amite, Louisiana. Relog. (JN-TX)
- 1570 **WABL LA Amite – 08/28 0500** – With “Sad Eyes” and ID by male. Relog. (JN-TX)
- 1570 **KLLA LA Leesville – 08/28 1101** – With oldies, then quick ID: “You are listening to KLLA Leesville, Louisiana”, then back into oldies. Fair signal, mixing with XERF. Relog. (JN-TX)
- 1590 **WTVB MI Coldwater – 8/30 2149** – Poor, with very bland “95-5 and 1590 WTVB” after Chicago OLDie. With WAKR. (JJR-WI)
- 1590 **WPVL WI Platteville – 8/21 2054** – Poor, with ESPN promos galore, “AM 1590 WPVL”. KGFK and WAKR in the background. (JJR-WI)
- 1600 **WPOM FL Riviera Beach – 08/28 2159** – With male: “WPOM Riviera, . . . and all of the Palm Beach, 1600 . . .”. Then into ethnic language. Haitian maybe. Fair signal. I usually hear KOGT in Orange, Texas with local KOKE nulled, but I am guessing they are off the air after Hurricane Laura came ashore. NEW. (JN-TX)
- 1670 **CJEU QC Gatineau – 8/31 2117** – Poor, no sign of WOZN. FF chatter, songs in EE stood out. (JJR-WI)
- 1680 **WOKB FL Winter Garden – 08/28 2159** – With wall-to-wall Gospel music noted throughout the evening and IDs given. Looks like KRJO in Monroe, Louisiana is off the air as there is no sign of it. Relog. (JN-TX)
- 1680 **WTTM NJ Lindenwold – 8/30 2234** – Poor, with what sounded like a sporting event. In SS. No sign of usual WPRR. (JJR-WI)

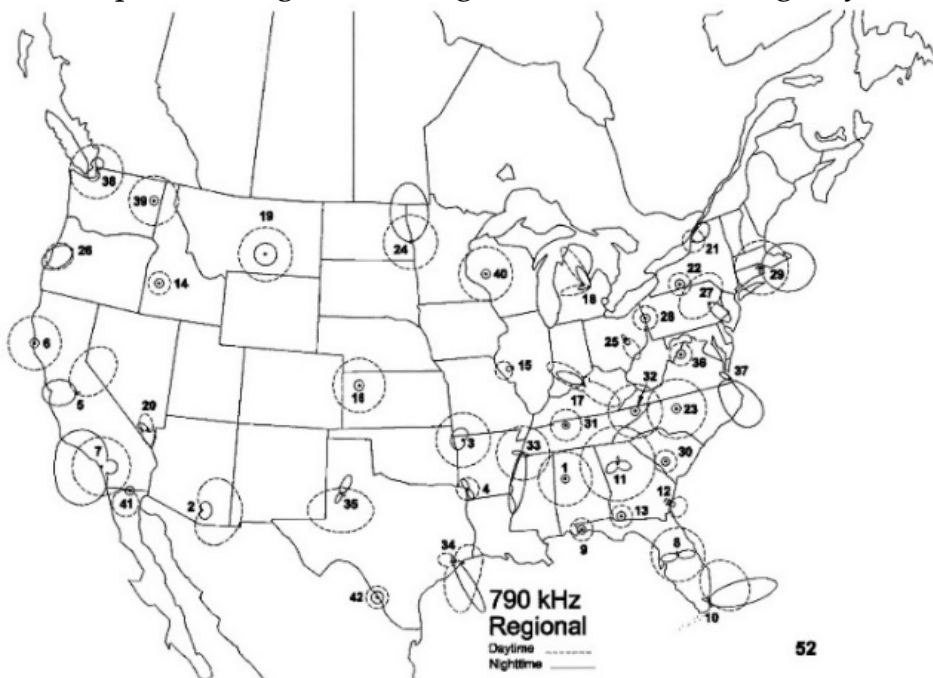


NRC Antenna Pattern Book 8th Edition

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

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

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



International DX Digest

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

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

All times are Universal Coordinated Time (UTC)

TRANS-ATLANTIC DX

- 531 **ALGERIA** *Jil FM*, F'kirina Wilaya d'Oum El Bouaghi SEP 13 0458 – Good; choral marching band national anthem. [Conti-NH]
- 576 **ALGERIA** *R.Algérienne*, Béchar SEP 12 0300 – Fair; Koran parallel 1422 kHz. [Conti-NH]
- 596 **MOROCCO** *SNRT Oujda* SEP 5 0100 – Solid s7 signal, but as usual poorly modulated. [Conti-NH]
- 639 **SPAIN** *RNE1* La Coruña et al. SEP 7 0200 – Fair; servicios informativos parallel good 747 and 1107 kHz. [Conti-NH]
- 657 **ITALY** *Rai Radiouno*, Pisa SEP 13 0400 – Fair; musical flourish, marker and time check. [Conti-NH]
- 684 **SPAIN** *RNE1* Sevilla SEP 12 0424 – Among numerous TA carriers, two are beating here with some music audio, presumed RNE as usual. [Hauser-OK]
- 693 **UNITED KINGDOM** *BBC Radio 5*, Droitwich et al. SEP 12 0300 – Good; "BBC news at 4 o'clock." [Conti-NH]
- 702 unID SEP 13 0200 – Good; Koranic recitations through the hour. [Conti-NH]
- 837 **IRAN** *IRIB R.Isfahan*, Habibabad SEP 12 2358 – Good; speaker through the hour. [Conti-NH]
- 864 **EGYPT** *ERTU* Santah SEP 5 0100 – Good; Koran through the hour. [Conti-NH]
- 891 **ALGERIA** *R.Algérienne*, Ouled Fayet SEP 12 0421 – Big het upon WLS 890, and can barely separate a bit of audio, presumed this usual bigsig from RTA, and setting me off on a complete TA bandscan. [Hauser-OK]
- 1080 **SPAIN** *SER* synchros SEP 12 0300 – Under WTIC; *SER* signature music and time marker parallel 1044 kHz. [Conti-NH]
- 1089 **UNITED KINGDOM** *TalkSport* synchros SEP 7 0100 – Good; presenter talked about what's coming up, then news, "From the Sky News Centre at 2..." [Conti-NH]
- 1098 **SLOVAKIA** *R.Devin/R.Patria*, Nitra SEP 7 0158 – Poor; choral national anthem. 0300 fair; instrumental music through the hour. [Conti-NH]
- 1107 **SPAIN** *RNE5* synchros SEP 2 0319 – Strongest of the transatlantic carriers, so try for some audio, and detect a bit of music which is not coming from 1100 or 1110 kHz. Big gun on 1107 is 400 kW from Afghanistan, but far more likely are the five Radio 5 synchros from Spain ranging from 10 to 25 kW. [Hauser-OK]
- 1152 **ROMANIA** *R.România Actualitati*, Cluj SEP 7 0158 – Fair; choral national anthem. [Conti-NH]
- 1188 **IRAN** *IRIB R.Payam*, Tehran SEP 13 0000 – Poor; signature ascending notes marking the hour. [Conti-NH]
- 1215 **UNITED KINGDOM** *Absolute Radio* synchros SEP 12 0300 – Fair; ad string, "To find out more go to Absolute Radio dot co dot UK." [Conti-NH]
- 1413 **MOLDOVA** *Vesti FM*, Grigoriopol AUG 29 0300 – Good, equal to adjacent 1410 WPOP and WDOV; characteristic deep voiced man in Russian, touchtone sounder, and choral national anthem. [Conti-NH]
- 1413 **SPAIN** *RNE5* synchros SEP 7 0600 – Fair; Las Mañanas de Radio Nacional, parallel 747 kHz. [Conti-NH]
- 1422 **ALGERIA** *R.Algérienne*, Algiers AUG 29 0501 – Fair; Koranic recitations, Radio Koran Algeria canned ID by woman. [Conti-NH]
- 1476 **BENIN** *TWR Africa*, Parakou SEP 13 0358 – Poor; presumed this with hints of music and talk but not enough signal to break through 1480 WSAR interference. 1566 *TWR Africa* also observed but not readable with too much interference from 1570 CJLV. [Conti-NH]
- 1548 **UNITED KINGDOM** *Gold*, London SEP 12 2330 – Good; "Sweet Talkin' Woman" by ELO, "Gold," and "Starting Over" by John Lennon. [Conti-NH]
- 1625 unID SEP 12 2330 – Poor; bits of music breaking through the noise floor. [Conti-NH]

Transatlantic carrier search: AUG 27 0605 – 621, 711, 846, 855(2), 882, all probably Eurafrican except 846 Kiritimati. AUG 28 0253-0300 – Not in the order tuned; 684, 711.0, 891, 936, 1098(2), 1107(2), 1125, 1152, 1215(2), 1305(2) kHz. AUG 28 0622 – Only 621, stronger than 711, presumably Canary Islands and Morocco. AUG 29 0606 – Nothing but 621, presumed Canary Islands. AUG 30 0607 – Only 621,

presumed Canaries; not even 846 Kiritimati TP. SEP 2 0310-0318 – 531, 549, 612(2), 621, 684(2), 711, 756 birdie?, 774(2, or beating against a birdie), 828, 837, 855, 891, 1044, 1098(2), *1107(2), 1125(2), 1134; none higher but the interference/splash is worst above the 'clear' channels. SEP 10 0630 – 621, 747 kHz, likely Canaries. SEP 12 0421 – Starting with a big het upon WLS 890, from 891, no doubt Algeria with traces of audio. On the R75 with east-west long wire. Then at 9 kHz intervals stepping 1 kHz below each TA channel, some of them with a beat from at least (2) signals; 531, 558(2), 567, 576, 585, 603(2), 639(2), 657, *684(2), 693, 729, 774(2), 837, 855(2), 882, *891, 909, 936(2), 999(2), 1017, 1026, 1044, 1053*, 1089, 1107(2), 1125, 1152, 1215, 1305(2), 1566, 1575; and no doubt domestic 1710(2). *are strongest ones. SEP 13 0607 – Presumed likely sources this late 621 Canaries, 684 Spain, 711 Morocco, 936 Morocco, 1107 Spain. Also 846 Kiritimati. It's neat to be getting at same time on MW both Xmas Island and Agadir, Morocco, which are 15051 km = 9352 statute miles = 8127 nautical miles apart. The direct GC path between them passes over California, Salt Lake, Lake Superior, Newfoundland. [Hauser-OK]

PAN-AMERICAN DX

- 580 **MEXICO** XEMU Piedras Negras, Coah. SEP 2 1156 – Saludos to area listeners; ID at 1159 only for FM XHMU (or XHEMU), with no mention of AM. The new supposed 6-letter call still not heard here, nor the old XEMU, for that matter. It's as though the AM doesn't exist. Fair signal. [Wilkins-CO]
- 600 **NICARAGUA** *Radio Ya*, Managua AUG 25 0658 – Spanish female vocals at good signal level, with male giving ID as "La Nueva, Radio Ya," then back into music. This is past their 0600 sign off. Relog. [Niven-TX]
- 640 **MEXICO** XEJUA Cd. Juárez, Chih. SEP 5 1159 – Male saying XEJUA, then female with "La Lupe," mentioned Ciudad Juárez; mixed with KFI, fair to good signal. New. [Niven-TX]
- 650 **MEXICO** XETNT *Radio 65*, Los Mochis, Sin. SEP 4 1200 – Starting its morning news show with full ID from Grupo Chávez, fair signal; and weaker in interference 610 XEGS Guasave has just joined in parallel after separate music before the hour. Welcoming us to viernes, fin de semana. But first, some really frantic banda music to wake us up. 1207 down to business with "avances de información" (headlines), weather info, lack of lluvias, 1210 fading out. LSR here was 1206 UTC. Good to be hearing these again. [Hauser-OK]
- 690 **MEXICO** XERG Monterrey, NL AUG 25 1101 – National anthem; 1102:40 ID as "RG La Deportiva" and "La mejor deportes... la mejor información..." Fair peaks but fading and interference. [Wilkins-CO]
- 700 **MEXICO** unID SEP 4 1200 – Another northwest Mexican has not quite faded out, Spanish either XEGD Parral, Chih. or XEETCH Etchojoa, Son. Tim Hall's new IRCA Mexican Log notes that official IFT info does not include 650 XETNT and 700 XEGD, but were reconfirmed still active on MW as of last year. [Hauser-OK]
- 720 **NICARAGUA** *R.Católica*, Managua SEP 4 0159 – Spanish language music, presumed religious talk in Spanish, more music. No ID heard, but parallel to radiocatolica.org. Poor to very poor, at times almost over nulled WGN. [Snider-ON]
- 810 **COLOMBIA** HJCY *Caracol Radio*, Bogotá AUG 25 0258 – Male talk and many mentions of *Caracol Radio*, then ID at 0300; mixed with XERI *Radio Red*, fair signal at times. New. [Niven-TX]
- 870 **CUBA** *R.Reloj*, Baracoa-Van Van//Bueycito//Sancti Spíritus AUG 22 0000 – Over/under WHCU; chimes and world time checks. SEP 5 0759 – Time marker and Morse code over delayed *R.Reloj* signal, so two of the three stations being received. [Conti-NH]
- 870 **MEXICO** XETAR Guachochi, Chih. SEP 4 1200 – Signs of this signal, another northwest Mexican. Need earlier selfarising and/or later sunrising. [Hauser-OK]
- 880 **COLOMBIA** HJGE Bucaramanga AUG 25 0459 – Male talk and many mentions of *Caracol Radio*; in the clear alone on the channel, fair signal. New. [Niven-TX]
- 1080 **MEXICO** XETUL *R.Mexiquense*, Tultitlán, Edo.Méx. AUG 29 1056 – Presumably the one noted with choral anthem from 1056 and Mexi-tunes with very low modulation during announcement breaks on AUG 23, but today it abruptly snapped on at 1056 with a Mexican folk ballad, no anthem across the hour, excellent signal but again low modulation during very brief announcement at 1100, then again at 1117 when at least a clear "Radio Mexiquense" was mentioned. Not parallel the six stations stream selects on the website, which doesn't include 1250 XETEJ *R.Mexiquense*, the presumed feed here. Signal held up well, becoming a whisper and lost by 1210 UTC. [Krueger-FL]
- 1110 **ARGENTINA** LS1 Buenos Aires AUG 25 0259 – Mixed with *R.Angulo* Cuba; male mentioning Argentina and Buenos Aires a couple of times, with fair signal at times. Thanks to Mauricio and Fredrik of RealDX group with help on ID'ing this one. Mauricio pointed out, "La 2x4 (dos por cuatro) 92.7 FM. The sister station of R.Ciudad, La 1110." New. [Niven-TX]

- 1110 **CUBA** *R.Angulo*, Holguín AUG 21 2359 – Under WBT; choral national anthem. SEP 5 0100 – Under WBT; clear signature chimes and time pips. [Conti-NH]
- 1170 **COLOMBIA** HJNW *Caracol Radio*, Cartagena AUG 28 0458 – Many *Caracol Radio*; fair to good signal at the time, regular here. [Niven-TX]
- 1370 **COLOMBIA** HJBO Barranquilla AUG 28 0801 – Male saying "Son las tres, minutos de dios," then some talk, then back into music; fair to good. Relog. [Niven-TX]
- 1460 **MEXICO** XEYC Cd. Juárez, Chih. SEP 6 1133 – *R.Fórmula* programming; no local ID at top of the hour, just a *R.Fórmula* ID. Fair overall and on top at times. [Wilkins-CO]
- 1570 **MEXICO** XERF *La Poderosa*, Cd. Acuña, Coah. SEP 29 1120 – National anthem, followed by the Coahuila state anthem at this unusual time; finally, after 6 minutes of anthems, an ID at 1126 for the AM (100,000 watts) and FM 103.9 XHRF (4000 watts) "desde la ciudad de amistad." Also gave address (Madero 600) and slogan "La Poderosa" into music at 1128, after a couple of program notes. Fair/good signal. [Wilkins-CO]
- 1580 **COLOMBIA** HJQZ Barranquilla AUG 28 0759 – Time pips as 5 short and 1 long, then female and male speaking, "Colombia... mañana... Radio Maria," then into prayers; signal was fair to good at times. Relog. [Niven-TX]

TRANS-PACIFIC DX

- 774 **JAPAN** JOUB Akita SEP 12 1139 – First check as always of 774, on the PL-880 finds a considerable carrier from the northwest, no doubt NHK, so worth a complete bandscan on the R75 with east-west long wire before going back to sleep. There is some audio on both 774 and 747 from NHK2 500 kW superpowers, JOUB Akita and JOIB Sapporo, respectively, which may be decommissioned next year; at first seem Japanese, but careful, these include various language lessons. At 1159 I'm back on 774 but cannot make out any distinctive 1200 time signal. At 1207, 747 still audible with talk; sunrise here today 1212 UTC. [Hauser-OK]
- 846 **KIRIBATI** *R.Kiribati*, London, Christmas Island AUG 24 0629 – The only 9-kHz JBA carrier is here, presumed *R.Kiribati*, an hour really too late for Eurafrica even if propagable before, yet too early for further Pacificans – well, almost, just after sunset in wintry New Zealand. AUG 26 0636 – JBA carrier from presumed *R.Kiribati*, quite a regular now, and should be pullable well further north and east of here. I don't expect to get any audio, and for some DX'ers that means they don't care just to detect the carrier, no matter how certain and obvious it may be. [Hauser-OK]

Transpacific carrier search: SEP 4 1151-1159 – On the R75 and east-west long wire, so no DF'ing; 567, 576, 693, 747, 828, 837, 882(2), 1089, 1098, 1107, 1116(2), 1125, 1134, 1161, 1224, 1242, 1278, 1521, 1611 kHz. At this time too much splash from 780 KSPI music to get 774, but earlier at 1139 on the PL-880 while checking KSPI, could detect 774 and looping northwest from Japan. Enid sunrise today 1206 UTC. SEP 12 1139 – 828, 891(2), 972, 1053, 1107, 1566 kHz. At 1205 another 9-kHz bandscan, actually tuning downward 567, 657, 693, 747, 774, 828(2), 873 kHz. Sunrise here 1212 UTC. I wonder what the other 828 is besides JOBB Osaka? There's a 50 kW in Beijing and several lesser/further Chinese; and 50 kW in Vietnam. [Hauser-OK]

CONTRIBUTORS

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

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

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

James Niven, Cedar Creek TX; ELAD S2, Perseus SDR, Drake R8B, DKaz antennas at 60°, 120°, and 310°.

Paul Snider, London ON; Elad FDM-S2, Wellbrook ALA 1530 LN loop, MFJ-1020C as tuner.

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

INTERNATIONAL NEWS

COLOMBIA: VOA Spanish programs for Venezuela will be relayed on **600 kHz** via *Radio Libertad* in Barranquilla, Colombia. The broadcasts are scheduled to begin at 8 p.m. on September 15, or 0000 UTC September 16. The schedule I received shows the relays as being three hours long Monday to Friday (local days) and two hours long on Saturday and Sunday. [VOA via Don Moore]

CZECHIA: *Ceský Rozhlas* announced a press conference scheduled for September 17 to reveal DAB+ expansion and planned switch off of AM services. [Mike Terry, WRTH Facebook group]

SPAIN: New RNE local/regional schedule, from Sep. 7th: 0525-0530 local R5, 0545-0600 regional R1//R5, 0645-0700 local R5, 0804-0806, 0904-0906, 1004-1006, 1110-1200, 1404-1406, 1504-1506, 1604-1606, 1704-1706 regional R1//R5, 1750-1800 regional R5. [Mauricio Molano]

SPAIN: The CEO and owner of EAJ29 *Radio Inter*, Madrid, **918 kHz**, and conductor of the morning magazine of this station, Carlos Peñaloza, said on air that they would install a 100 kW transmitter to replace the old German tube 20 kW transmitter (I guess Telefunken) which has been on air in a precarious state from long time ago, with years of damaged performance, loud heterodyne noise, beating hiss and unstable carrier. In the last decade, the facilities, neglected, had a history of outages of the signal, up to more than a week off air, and the site had been vandalized some years ago with the copper being looted and other damage. For the moment the station is off the air, only available on FM and streaming. [Guillermo Sáez, mediumwave.info]

UNITED KINGDOM: Following completion of takeovers by Bauer, *Greatest Hits Radio* is now carried on 1170 Stoke-on-Trent, 1170 Swansea, 1278 Bradford, and 1530 Huddersfield, joining 990 Doncaster, 999 Preston/Blackpool, 1152 Newcastle, 1152 Manchester, 1161 Hull, 1305 Barnsley, and 1548 Sheffield. [ARC mv-eko]



73 and Good DX!

Musings of the Members

Dave Schmidt, 49 N. Sumner Street, York PA 17404, NRCMusings@aol.com

Wayne Heinen – Aurora CO

Well on my way to recovery with my new shoulder! I will probably be doing the left shoulder early next year. Most of the tapes for June and July yielded nothing for the log. Tried for the WCSZ-1070 impromptu DX Test on August 22 and nothing made it through KNX and weak KFTI. If you don't get e-DXN.com or aren't subscribed to our googlegroups mailer [nrc-am] you didn't know about the test. Also, publicized on [nrc-am] that day was KERR-750 with what appeared to be malfunctioning automation running their day facilities. I heard them mixing with CKJH at 0200. Signals seemed rather puny in my recordings so I spent some time going through my setup in the shack and found a loose BNC connector on one short coax jumper. After I replaced the jumper using one from my ample supply in the "junk box" signals perked right up on my subsequent tapes. You'll find my loggings through the end of the season in Bill Hale's DDXD-W column. I ended up with the best DX season in years with a total of 67 new stations and 23 call changes, all of which were recorded. I run my DX Season log from September 1st – August 31st and compare the totals year to year and try to log at least as many stations each year as I logged the previous year and then some. The biggest boon for me is the ability of my SDRPlay (RSP2Pro) and HDSDR software to "record" top of the hour ID's from three minutes before until three minutes after the hour. The digital RF from the entire band is stored as .wav files that can be replayed using the SDRPlay's SDRUno software. On a particularly good DX night it might take a day or two to review the files but it has been worth it. Starting the 2000-2021 season with some overnight tapes on September 2 – 3 I have put many of the "usual suspects" in the log by just hearing the ToH ID. No new ones or call changes yet and I sit with 89 stations in the log. I spent some time reviewing some tapes made specifically for another impromptu DX Test from WNJC-1360 Washington Twnshp PA on the nights of 9/12 and 9/13. Between the power levels, directional patterns and pests KRKK Rock Springs and KSCJ Sioux City I had no luck even with various sweep tones, Morse code ID's, and the like supplied by our joint CPC Chairman Les Rayburn. If you need to join the NRC's googlegroup mailer simply email sales@nationalradioclub.org and ask to have your email added! Till next time 73

Unreported Domestic Stations

Four new stations were reported to DDXD this issue for the first time since at least Volume 67 (1999-2000): WRPM-1170, KXYL-1240, KXOX-1240, and WKUN-1490. In addition, WNLA-1390 (last reported in issue 6) has now moved to 1380, so we're going to add it to the unreported list on its new frequency. That leaves 293 full-power AM stations in the United States and Canada that have not been reported to DDXD during this time. We ran the last version of the unreported list a year or so ago (V.86 no. 19) and will publish an updated list new one as soon as we have space.

As of the end of Volume 87, we show 4,651 stations on our active list (with all but 293 being reported at least once since Volume 67). Of these 2,160 – more than 46 percent – were reported at least once during Volume 87.

GRAVEYARD DX UPDATE

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

1230 kHz

KMRS	MN	Morris	John Wilkins	Wheat Ridge, CO	616
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1240 kHz

KSAM	MT	Whitefish	Tim Hall	West Glacier, MT	17
WGBB	NY	Freeport	Tim Hall	Bovina, NY	129
WGVA	NY	Geneva	Tim Hall	East York, ON	129
WVOS	NY	Liberty	Tim Hall	Lakeville, PA	37
KDLR	ND	Devils Lake	Tim Hall	Winnipeg, MB	145

1340 kHz

KWLE	WA	Anacortes	Tim Hall	US 6/50 at NV/UT Border, UT	777
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<u>DXer</u>	<u>DX Location</u>	<u>Total Stations Heard</u>						<u>Total</u>
		<u>1230</u>	<u>1240</u>	<u>1340</u>	<u>1400</u>	<u>1450</u>	<u>1490</u>	
Tim Hall	US 6/50 at NV/UT Border, UT	40	37	35	45	37	40	234

Looking ahead to 1240, the following stations have no US record: KWAK-AR, WBGC-FL, WFSX-FL, KEWE-HI, WMSO-MS, KBEL-OK, CKMK-BC, CJOR-BC, CFNI-BC, plus several Canadian stations that no longer exist. Many stations, including the following northern US and Canadian stations, have no Canadian record: KMHI-ID, KWIK-ID, WMKR-ME, KLTZ-MT, KSAM-MT, KRJW-OR, KRDM-OR, WJMC-WI, KRAL-WY, CKIM-NL, plus defunct KEVA-WY and KRAL-WY. I've dug through all my old vacation logs to fill in some missing (mostly "secondary") records. Surely someone can beat my trivial US reception records for KSAM and WVOS, even if those two stations don't get out very well. 73 Tim

DX Toolbox

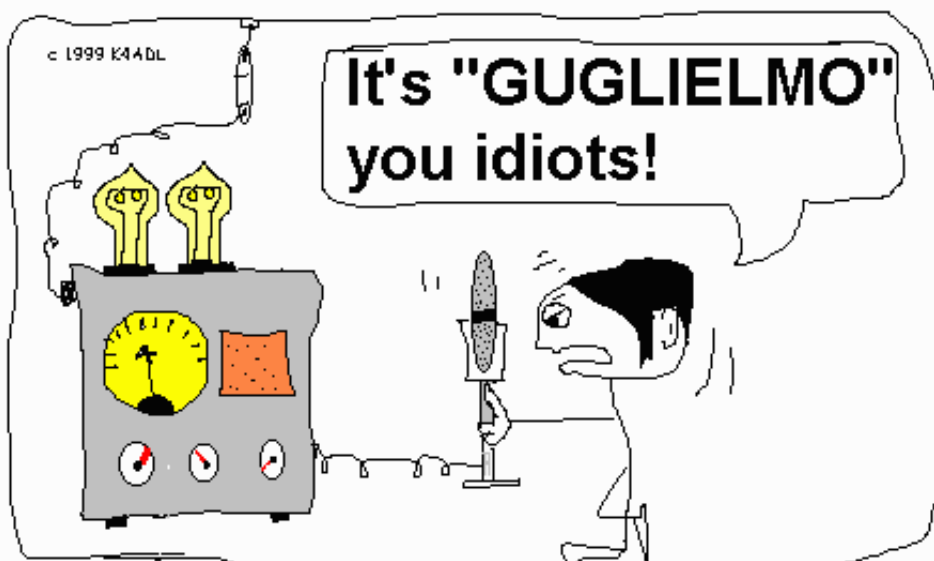
Shawn Axelrod, 30 Becontree Bay, Winnipeg R2N 2X9 (Canada) amandx@mymts.net

Greetings once again from the Heart of the Continent and welcome to the DX Tool Box Column number 128.

I do hope that all my readers are finding ways to get through these most unusual times. They say if you want to curse someone tell them you hope they live in interesting times. Well I think we are all living through interesting times.

I have been listening to the radio of course, but I have also been spending a large amount of time doing my family tree. Genealogy is something like DX'ing. You never know what you may find on the radio or on a page about an ancestor. Sometimes you sit there and listen and listen only to come up empty.

You can read and read and find out someone else has the same name as your grandfather and it is not who you are looking for. You can listen only to find out you have logged that station before so nothing was new. You can find out that yes your great grandfather in Russia was married three times but what to three sisters so that means that your great Grandmother was a step mother and auntie to four children!



THE ONLY REASON MARCONI INVENTED WIRELESS BROADCASTING WAS TO TEACH PEOPLE HOW TO PRONOUNCE HIS FIRST NAME.

I do hope you are making some good use of the time you now have and that all of you stay safe healthy and happy. And that you did find something new on the radio even if it is supposed to be the off season for BCB DX'ing.

Happy Birthday to the Car Radio

The car radio turns 90 years old this year. Read this article with the story.

<https://globalnews.ca/news/7106827/car-radio-history/>

The Galvin Manufacturing Company Model 5T71 "Motorola" (Motor/Victrola) cost \$130 in 1930 – The equivalent of about \$1,800 in 2020 dollars – Despite the price, drivers were hooked.

Bits and Bites from the NRC listserve

From: Phil Bytheway

Re: IRCA TIS/HAR List (Summer 2020)

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

The 2020 IRCA TIS/HAR LIST is posted on the IRCA website for all to download. The link is: http://www.ircaonline.org/editor_upload/File/TIS_2020.pdf

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

From: Les Rayburn, N1LF

Re: Perseus SDR Available Brand New in the USA

Great news for AM DX'ers. If you ever switch to a Perseus SDR along with Jaguar MW DX'ing software, you'll never go back to anything else.

These are brand new Perseus SDR with factory support, now available in the USA.

We at EladUSA now have the Perseus SDR available for sale with factory support from Microtelcom.

<https://shop.elad-usa.com/sdr-radio/perseus-sdr/>

73 for this time, Shawn.

Remember On A Clear Day You Can Hear Forever

CPC Report on High School Football and COVID-19

The Courtesy Program Committee (CPC) of the IRCA and NRC consists of:

Paul Walker

Joseph Miller, KJ8O

Les Rayburn, N1LF

In addition to arranging for DX Tests, we are providing weekly updates on how the COVID19 virus is affecting high school football this season. Many states are delaying their seasons or cancelling them entirely. The situation in each state changes almost daily.

An Excel spreadsheet that provides the latest information on a state-by-state basis has been distributed via e-dxn; the list circulated on September 11 is reproduced below. The links should be active in the PDF version of *DX News*; click on the link to see the source document. These changes can provide unique opportunities for DX'ers this season.

** Please note that the widespread wildfires on the West Coast of the USA may also affect high school football games in some locations. Be alert to these opportunities as well.

The CPC hopes that this information is useful to the DXing community.

STATE	START DATE	SOURCE
Alabama	8/20/20	Link
	8/31/20	Baldwin County schools suspended until 9/9/20.
	9/1/20	Orange Beach HS cancelled first game scheduled for 9/4/20.
Alaska	8/20/20	Link
Arizona	9/30/20	Link
Arkansas	9/4/20	Link
California	PPD 1/21	Link

Colorado	3/4/21	Link	
Connecticut	9/24/20	Link	
Delaware	PPD 12/20	Link	
Florida	9/4/20	Link	
Georgia	9/4/20	Link	
	8/31/20		Vadalia HS practice suspended to 9/8, first game 9/11 cancelled.
Hawaii	PPD 1/21	Link	
Idaho	8/10/20	Link	
Illinois	PPD 2/21	Link	
Indiana	8/21/20	Link	
Iowa	8/27/20	Link	
Kansas	9/2/20	Link	
Kentucky	9/7/20	Link	
Louisiana	9/5/20	Link	
Maine	8/28/20	Link	
Maryland	PPD TBD	Link	
Massachusetts	9/8/20	Link	
Michigan	8/27/20	Link	
Minnesota	9/3/20	Link	
Mississippi	9/4/20	Link	
Missouri	TBD	Link	
Montana	8/27/20	Link	
Nebraska	8/28/20	Link	
Nevada	PPD 2/13/21	Link	
New Hampshire	9/25/20	Link	
New Jersey	8/28/20	Link	
New Mexico	PPD 2/21	Link	
New York	PPD 3/1/21	Link	
North Carolina	PPD 2/26/21	Link	
North Dakota	8/21/20	Link	
Ohio	8/24/20	Link	
	8/26/20		Mayfield City schools suspended indefinitely.
Oklahoma	9/3/20	Link	
Oregon	PPD 3/21	Link	
Pennsylvania	9/11/20	Link	
Rhode Island	TBD	Link	
South Carolina	9/11/20	Link	
South Dakota	8/21/20	Link	
Tennessee	8/27/20	Link	
	9/1/20		Union County HS suspended for 2 weeks.
	8/26/20		Collierville schools suspended; first 2 scheduled games cancelled.
Texas	9/4/20	Link	
Utah	8/20/20	Link	
Vermont	9/26/20	Link	
Virginia	8/24/20	Link	
Washington	PPD 2/17/21	Link	
West Virginia	9/4/20	Link	
Wisconsin	9/23/20	Link	
Wyoming	8/27/20	Link	



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Confirmed DXer

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

Report your verifications to the NRC eGroup and they will appear here, or send them directly to me at the above address. Next deadline: **11/07/20 1 PM PLT.** pb

- 750 CKJH SK, Melfort. In less than a day for a follow-up e-report. Original reception was October 22 2019. Signed by Bayne Opseth VE5BKO, Technical Services Manager, Box 750, Melfort SK S0E 1A0. (JR-NY)
- 990 KSVP NM, Artesia. PPC in 7 days for 3rd f/up. V/s illegible. (JW-CO)
- 1140 KWNQ CA, Palm Springs. Prepared postcard verie from KNWQ. My first report to them was 1988! Thanks to Joe Miller for the verie signer info. Card was received in 11 days for report with SASE (used). V/s Dax Davis, Director of Content for KNWH/KNWQ/KNWZ-AM. California station verie #132. (MF-CA)
- 1260 CFRN AB, Edmonton. Email in 3 days verifying my report, v/s Rob Vavrek, Operations Manager and Group Program Director Edmonton Radio. (MF-CA)
- 1270 KTFI ID, Twin Falls. Prepared card and business card in 7 days for report with SASE, v/s Bill Teske, VP. Also good for KGEM-1140 and KCID-1490. (MF-CA)
- 1280 KZNS UT, Salt Lake City. PPC in 7 days on 7th try. V/s ??, Executive Producer. (JW-CO)
+ I received a prepared card in 17 days for my reception of the Salt Lake Bees baseball game on KZNS. My report was sent to Steve Klauke, Bees announcer and Director of Broadcasting, 77 West 1300 South, Salt Lake City, UT 84115. Emails to the station were not answered. (MF-CA)
- 1350 KXTN TX, San Antonio. PPC in 34 days for f/up. V/s ??, Senior Director of Technology. (JW-CO)
- 1360 KRKK WY, Rock Springs. Prepared card and note on returned report in 6 days, v/s Tom Ellis, Asst. Traffic Mgr. (MF-CA)
- 1380 KKRX OK, Lawton. PPC in 22 days for 4th f/up. V/s Matthew Mollman. (JW-CO)
- 1440 KEXB TX, University Park. PPC and 8x11 QSL form in 29 days for f/up to Relevant Radio HQ: 1496 Bellevue St. #202, Green Bay WI 54307. V/s Rose M Schauer. (JW-CO)
- 1470 KXSL AZ, Sierra Vista. PPC in 7 days for f/up. V/s ??? Barbee, Traffic. Sent via K-Bear 100 FM, which they were simulcasting: PO Box 2770, Show Low AZ 85713. (JW-CO)
- 1480 KNGO TX, Dallas. PPC in 11 days for f/up to Viet Radio HQ in Houston: 9999 Bellaire Blvd. #1122, Houston TX 77036. V/S illegible. (JW-CO)
- 1490 KRKC CA, King City. Email the same day after no answer for postal report, v/s Michael Davis, Operations Director. (MF-CA)
- 1510 KPLS CO, Littleton. PPC in 11 days from parent station: Radio 74 Internationale, PO Box 716, Ridgecrest, CA 93556. V/s John Witzel, Secretary-Treasurer. (JW-CO)
- 1520 KKZZ CA, Port Hueneme. PPC in 15 days for f/up. V/s Marissa Garcia, Executive VP. (JW-CO)

Martin Foltz – Mission Viejo CA (MF-CA)

Jim Renfrew – Clarendon NY (JR-NY)

John Wilkins – Wheat Ridge CO (JW-CO)

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 2020 season via Internet searches. Some of the network lists are undated, so I do not know if they are for the current season. And I cannot rely on the copyright date at the bottom of each page, as that is probably added globally for the web site. even if the specific web page being viewed has not changed. And some team sites do not list the announcer team, while others have bios that are a few seasons' old, so I do not know if they are current. I found some network list pages that were not linked from the team home page or sub-section "home" page; I assume that there are "orphan" pages that are not current. And one I could not find via the team's "Search" option, so I have no idea what pages that search is reviewing.

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

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

I still have not found 2020 lists for the Los Angeles Chargers, and Philadelphia Eagles.

And I am not sure that I have all of the Spanish-language stations correct.

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 2020 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. 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 Rod Woodson, Scott Graham

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

Sideline reporters: Hub Arkush, Laura Okmin, Ross Tucker, Scott Kaplan, and more

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	Luiz Hernandez, Rolando Cantu
	105.1	KHOV-AZ	SS	
Atlanta Falcons	790	WQXI-GA		Wes Durham, Dave Archer, John Michael
Baltimore Ravens	1090	WBAL-MD	EE	Gerry Sandusky, Jarret Johnson
	101.5	W268BA-MD	EE	
	88.75	WDCN-DC	SS	??
Buffalo Bills	550	WGR-NY		John Murphy, Eric Wood, Sal Capaccio
Carolina Panthers	1110	WBT-NC		Mick Mixon, Jim Szoke
	99.3	WBT-SC		
Chicago Bears	780	WBBM-IL	EE	Jeff Joniak, Tom Thayer, Mark Grote
	105.9	WCFS-IL	EE	
	93.5	WVIV-IL	SS	
Cincinnati Bengals	1530	WCKY-OH		Dan Hoard, Dave Lapham, Wayne "Box"
	102.7	WEBN-OH		Miller
	700	WLW-OH		
Cleveland Browns	850	WKNR-OH		Jim Donovan, Doug Dieken, Nathan
	92.3	WKRK-OH		Zegura
	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, John Harris, John
	100.3	KILT-TX	EE	McClain
	101.1	KLOL-TX	SS	*Enrique Vasquez, Gustavo Rangel
Indianapolis Colts	1070	WFNI-IN		Matt Taylor, Jim Songi, Laura Overton
	107.5	W298BB-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	106.5	WDAF-MO	EE	Mitch Holtus, Danan Hughes, Josh Klingler, Art Haines
	1030	KCWJ-MO	SS	Enrique "Kike" Morales, Oscar Monterroso, Hannah Bassham
Las Vegas Raiders	105.9	KSSA-KS	SS	
	920	KRLV-NV	EE	Brent Musberger, Lincoln Kennedy
	92.3	KOMP-NV	EE	
	1460	KENO-NV	SS	Anbrosio Rico, Fernando Arias
Los Angeles Chargers	98.7	KYSR-CA	EE	Matt "Monkey" Smith, Daniel Jeremiah, Shannon Farren
	570	KLAC-CA	EE s	
	105.5	KBUE-CA	SS	Francisco Pinto, Adrian Garcia Marquez
	94.3	KBUA-CA	SS	
Los Angeles Rams	710	KSPN-CA	EE	J. B. Long, Maurice Jones-Drew, D'Marco Farr
	93.1	KCBS-CA	EE	
	1330	KWKW-CA	SS	Troy Santiago, Ricardo Lopez
Miami Dolphins	560	WQAM-FL	EE	*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, Bobby Hebert, Kristian Garic
	105.3	WWL-LA	EE	
	830	KGLA-LA	SS	*Mario Jerez, Juan Carlos Ramos, Victor Quiñonez
	97.5	K248BB-LA	SS	
New York Giants	660	WFAN-NY	EE	Bob Papa, Carl Banks. Howard Cross
	101.9	WFAN-NY	EE	
	1280	WADO-NY	SS	*Nestor Rosario, Francis Adames
New York Jets	98.7	WEPN-NY	EE	Bob Wischusen, Marty Lyons, Larry Hardesty
	92.7	WQBU-NY	SS	*Clemson Smith-Muniz, Oscar Benitez
Philadelphia Eagles	94.1	WIP-PA	EE	Merrill Reese, Mike Quick
	105.7	W289AZ-NJ	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
	107.7	KSAN-CA	EE	
	---	---	SS h	Carlos Ramirez, Jesus Zarate
Seattle Seahawks	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		
Tennessee Titans	104.5	WGFX-TN		Mike Keith, Dave McGinnis, Rhett Bryan, Jonathan Hutton, Amie Wells, Mark Howard
Washington Football Team	980	WTEM-DC		Bram Weinstein, DeAngelo Hall, Julie Donaldson
	105.9	WMAL-VA		

Arizona Cardinals 2020 (EE) Dave Pasch, Ron Wolfey, Paul Calvisi

<https://www.azcardinals.com/news/media-guide/> (Section 6 page 370) (9/6/2020)

560	KBLU-AZ	1230	KATO-AZ	92.1	KZUA-AZ	98.7	<u>KTAR-FM-AZ</u>
600	KVNA-AZ	1340	KIKO-AZ	94.3	KDDL-AZ a	100.1	KGMMN-AZ
780	KAZM-AZ M	1450	KTZR-AZ	96.1	KWRK-AZ b	106.7	KNKI-AZ
980	KNTR-AZ M	1560	KEBC-OK M				

Arizona Cardinals 2020 (SS) Luiz Hernandez, Rolando Cantu

<https://www.azcardinals.com/news/media-guide/> (Section 6 page 370) (9/6/2020)

100.3	KQMR-AZ S	105.1	KHOV-FM-AZ S
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Atlanta Falcons 2020 Wes Durham, Dave Archer, John Michael

e-mail from ___@mercedesbenzstadium.com (9/10/2020): "The stations below are the only ones I could find for you."

540	WDAK-GA	860	WDMG-GA	1400	WCOH-GA	98.1	WMGP-GA
550	WDUN-GA	940	WMAC-GA		WSEG-GA u	101.1	WTGA-FM-GA
630	WNEG-GA	970	WVOP-GA	1420	WPEH-GA	101.9	WJFL-GA
720	WGST-GA	1230	WBLJ-GA	1450	WKEU-GA	102.9	WDUN-FM-GA
790	<u>WQXI-GA</u>	1270	WBOJ-GA		WMVG-GA	104.3	W282AR-GA u
	WSFN-GA	1350	WFNS-GA			105.5	WIFO-FM-GA E
800	WJAT-GA	1370	WLOP-GA	88.9	WKEU-FM-GA	105.9	WVGA-GA E
850	WPTB-GA			92.1	WPEH-FM-GA		

Baltimore Ravens 2020 (EE) Gerry Sandusky, Jarret Johnson

<https://www.baltimoreravens.com/game-day/coverage> (9/7/2020)

910	WSBA-PA	1430	WNAV-MD W	93.9	WLCL-IN	102.1	W271AT-MD W
960	WTGM-MD	1470	WTTR-MD		W230CQ-PA	102.3	W272CX-MD
1050	WLYC-PA	1490	WARK-MD	96.1	W241AO-MD	104.7	W284CQ-DC
1090	<u>WBAL-MD</u>	1530	WCTR-MD	98.9	W255CP-MD	106.1	WBBX-MD
1230	WCMD-MD W			99.9	W260BM-MD W	106.3	WCEM-FM-MD
1240	WCEM-MD	87.7	<u>WDCN-LP-DC</u> S	101.1	WWDC-DC	106.9	W295CJ-MD
1290	WWTX-DE	92.7	WGMD-DE	101.5	<u>W268BA-MD</u>		
1390	WKLP-WV W		W224AI-PA				

Buffalo Bills 2020 John Murphy, Eric Wood, Sal Capaccio

<https://www.buffalobills.com/audio/radio-network> (9/6/2020)

550	<u>WGR-NY</u>	1260	WRIE-PA X	92.7	WQTK-NY	96.5	WCMF-FM-NY
590	CJCL-ON	1380	WABH-NY	93.3	WWSE-NY	97.3	WYXL-NY
950	WROC-NY	1410	WDOE-NY	93.9	WDNY-FM-NY	100.1	WBRR-PA
1120	WKAJ-NY	1420	WACK-NY X	94.1	WOTT-NY	100.9	WKRL-FM-NY
1230	WMML-NY	1590	WAUB-NY	94.9	W235BP-NY	101.9	WZKZ-NY
1240	WGVA-NY				WKLL-NY	104.9	WPHD-NY
	WJTN-NY			95.7	WPIG-NY	106.5	WKRH-NY

Carolina Panthers 2020 Mick Mixon, Jim Szoke

<http://www.panthers.com/news/radio.html> (9/6/2020) JPG image

570	WWNC-NC	1280	WSAT-NC	94.1	W231CE-VA		WSTS-NC
580	WLVA-VA A	1340	WHAP-VA	94.3	WSCC-FM-SC	101.1	WROQ-SC
610	WPLY-VA	1390	WOHS-NC	98.3	W252DI-NC		W266CY-VA
640	WFNC-NC		WPLI-VA	98.5	W253BT-VA	102.7	WPUB-FM-SC
810	WPIN-VA	1400	WSIC-NC	99.3	WZAX-NC	103.3	W277DD-NC
920	WYMB-SC Q	1410	WEGO-NC		<u>WBT-FM-SC</u>	103.7	WTIB-NC
960	WRNS-NC		WVCB-NC	99.9	WCMC-FM-NC	105.9	W290DK-NC
1010	WSPC-NC	1450	WIZS-NC			Q 106.1	W291CL-VA
1050	WLON-NC		WHKP-NC	100.1	WWFN-FM-SC	107.1	WTKF-NC
1110	<u>WBT-NC</u>	1590	WCSL-NC			Q	WRHM-SC
1230	WNNC-NC			100.3	WSEA-SC	107.3	WVSZ-SC
1240	WJNC-NC	92.3	WKRR-NC	100.7	W264CU-NC	107.5	W298CN-VA
1250	WKDX-NC	93.7	WNTB-NC	100.9	WIFM-FM-NC	107.7	W299BZ-NC

Chicago Bears 2020 (EE) Jeff Joniak, Tom Thayer, Mark Grote**Chicago Bears 2020 (SS)** Hector Lozano, Omar Ramos, Carlos Mendez

<https://static.www.nfl.com/image/upload/v1597160069/league/yjlwzghwirowmp13x4ut.pdf> page 457 (9/6/2020)

780	<u>WBBM-IL</u> N	1330	WNTA-IL	93.5	<u>WVIV-FM-IL</u> S	97.7	WLQI-IN
1050	WDZ-IL	1450	WFMB-IL		WKHY-IN	101.7	WIVR-IN
1060	WRHL-IL N			94.3	WZOC-IN	103.5	WXLT-IL
1150	KCPS-IA	92.7	WLSR-IL	95.5	WGLO-IL	105.9	<u>WCFS-FM-IL</u> N
1180	WLDS-IL		WVLI-IL	96.7	WFML-IN		



Cincinnati Bengals 2020 Dan Hoard, Dave Lapham, Wayne "Box" Miller<https://www.bengals.com/audio> (9/6/2020)

600	WKYH-KY	1300	WMVO-OH	92.1	WBVX-KY	102.7	<u>WEBN-OH</u>
700	<u>WLW-OH</u>		WJYP-WV Z	93.5	W228DJ-WV	104.5	W283BO-OH
790	WKRD-KY	1340	WCMJ-KY	95.1	WWZB-LP-KY	104.7	WTUE-OH
930	WRVC-WV		WMON-WV Z	95.9	WKID-IN	105.7	WXZX-OH
970	WATH-OH	1480	WTLO-KY	96.7	WCSM-FM-OH	106.7	W294CN-OH
990	WTIG-OH	1490	WMOA-OH		WBVI-OH		W294AF-WV Z
1010	WIOI-OH		WMRN-OH	99.3	W257EQ-OH		
1150	WIMA-OH	1530	<u>WCKY-OH</u>	102.3	WCYN-FM-KY		
1270	WQTT-OH				W272EE-OH		

Cleveland Browns 2020 Jim Donovan, Doug Dieken, Nathan Zegura<https://www.clevelandbrowns.com/media/radio> (9/6/2020)

850	WKNR-OH	1450	WJER-OH	93.1	WWSR-OH v	100.9	WMJK-OH
1200	WKST-PA		WPSE-PA	94.1	WHBC-FM-OH		WJAW-FM-OH
1290	WHIO-OH	1480	WHBC-OH	95.3	WZLR-OH	101.9	W270CI-OH
1300	KAKC-OK	1540	WBTC-OH	95.7	WHIO-FM-OH	103.1	WQFX-FM-PA
1370	WWCB-PA	1590	WAKR-OH	97.3	W247BL-OH	104.5	WQKT-OH
1400	KREF-OK			97.5	WONE-FM-OH	104.7	WKKY-OH
1430	WFOB-OH	92.3	WKRK-FM-OHv	98.5	WNCX-OH	107.1	W296BW-PA
1440	WRGM-OH			98.9	WTOH-OH		

Dallas Cowboys 2020 (EE) Brad Sham, Babe Laufenburg, Kristi Scales<https://dfw.cbslocal.com/about/dallas-cowboys-radio-network/> (9/6/2020)

600	KROD-TX H	1400	KWON-OK	95.7	KBST-FM-TX	100.9	K265DV-TX
670	KHGZ-AR		KREW-TX		KPUR-FM-TX	101.3	K267AI-TX
710	KEEL-LA		KKTK-TX	95.9	KCKL-TX	101.7	KQTM-NM
760	KTKR-TX H	1430	KTBZ-OK	96.1	KCTX-FM-TX	101.9	KBUS-TX
860	KPAN-TX	1440	KETX-TX	96.9	KQBZ-TX	102.1	KTRA-NM
900	KPYN-TX	1550	KCOM-TX	97.1	KVRP-FM-TX	103.9	K280GV-TX
910	KNAF-TX	1580	KGAF-TX	97.5	KGKL-FM-TX		KBEY-TX
920	KARN-AK	1660	KRZI-TX	97.7	KALK-TX		KMHT-FM-TX n
960	KGKL-TX	1700	KVNS-TX	98.1	KTLT-TX	104.3	KHLK-TX
1200	WOAI-TX H			98.3	KYYK-TX		KGAS-TX H
1240	KVSO-OK	88.1	KHOY-TX		KPTX-TX	104.9	KTXF-FM-TX
	KVLF-TX p	92.3	KNFM-TX	98.5	KJJT-TX	105.3	<u>KRLD-FM-TX</u>
1330	KTON-TX	92.9	KTZA-NM	98.9	K255BH-AR	105.5	KQXX-FM-TX
1340	KGHM-OK	93.1	KSTV-FM-TX	99.3	KAPW-TX	106.9	KRVF-TX
1360	KKTX-TX	93.9	KBNU-TX	100.1	KYBI-TX		
1390	KHOB-NM	94.9	KOLI-TX	100.7	KTYK-TX		

Dallas Cowboys 2020 (SS) *Victor Villalba, Andres Arce, Luiz Perez "Cadena de Plata Radio"<https://dfw.cbslocal.com/about/dallas-cowboys-radio-network/> (9/6/2020)

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

Denver Broncos 2020 (EE) *Dave Logan, Rick Lewis, Susia Wargin<https://koanewsradio.ihart.com/featured/koa-denver-broncos/content/2018-06-05-broncos-radio-network-affiliate-stations/> (9/6/2020)

550	KRAI-CO		CFAC-AB	1260	KPOW-WY	1350	KDZA-CO
600	KCOL-CO	1010	KSIR-CO I	1290	KOWB-WY	1370	KGNO-KS
610	KCSR-NE I	1030	KTWO-WY y	1300	KBRL-NE	1380	KOTA-SD
670	KMZQ-NV B	1140	KNAB-CO I	1330	KOVE-WY	1400	KWUF-CO
730	KLOE-KS	1180	KOFI-MT	1340	KGKG-CO		KLIN-NE
850	<u>KOA-CO</u>	1240	KBGV-CO		KCQL-NM	1410	KGSO-KS
930	KRKY-CO		KCRT-CO		KKAM-TX		KOOQ-NE
	KOGA-NE		KFBC-WY I		KYCN-WY I		KWYO-WY
960	KNEB-NE		KASL-WY I		KWOR-WY	1440	KRDZ-CO

1450	KAVP-CO	92.5	KCRT-FM-CO	99.1	KMTS-CO	104.3	K282BP-MT
	KBFS-SD	93.5	KALQ-FM-CO		KWYW-WY		KFZE-WY
	KBBS-WY	93.9	K230BY-KS	99.3	KTGA-WY	104.5	KSTY-CO
1470	KYYYW-TX	94.1	<u>K231AA-CO</u>	100.5	KRSJ-CO	105.7	KVAY-CO
	KDHN-TX		<u>K231BQ-CO</u>	101.7	KSKE-FM-CO		KPMX-CO
	KKTY-WY	95.5	KYWY-WY		KDJM-KS		KMDG-KS
1490	KPKE-CO	96.1	KSTR-FM-CO	102.1	KSMT-CO		KRDR-OK
	KNAM-CO	96.5	KSLV-FM-CO	102.3	KSPK-FM-CO	106.1	KNFO-CO I
	KGOS-WY		KBKZ-NM		KEDU-LP-NM		KXXL-WY
		97.5	K248AE-CO	102.5	KKCI-KS	107.3	KQZR-CO
87.7	KSHW-LP-WY	97.9	KTAG-WY	103.1	KYDT-WY	107.9	KBPL-CO
92.1	KFRZ-WY	98.1	KSKZ-KS	104.1	KBVC-CO		KZRS-KS
92.3	KSTH-CO				KNAB-FM-CO		

Detroit Lions 2020 Dan Miller, Lomas Brown

<http://www.wjr.com/lions/> (9/6/2020)

590	WKZO-MI	1450	WHTC-MI	97.7	WCHY-MI	101.9	W270CJ-MI
760	<u>WJR-MI</u>	1460	WBRN-MI		WTGV-FM-MI	102.5	WCMM-MI
930	WFAT-MI	1490	WBBL-MI gT	98.1	WGFN-MI	102.7	W274AQ-MI
1050	WTKA-MI T			98.3	WLCS-MI	103.7	WCSY-FM-MI
1240	WJIM-MI	92.1	WCSR-FM-MI	98.7	WGLI-MI	104.7	WYKX-MI
1280	WFYC-MI	93.1	WIMK-MI	99.3	W257CZ-MI	106.1	W291DJ-MI g
1330	WTRX-MI	93.3	WKQZ-MI		WBET-FM-MI	106.3	WWMN-MI
1340	WJRW-MI gT	93.7	WKAD-MI	100.3	WQON-MI	106.5	WTOD-OH T
	WMBN-MI	93.9	WNBY-FM-MI		WUPT-MI	106.9	W295CL-MI
1380	WPHM-MI	96.5	W243AD-MI	100.7	WWTH-MI	107.7	W299BE-MI
1400	WCCY-MI	96.7	WRGZ-MI	101.1	WUPY-MI		
	WQYQ-MI	96.9	WLAV-FM-MiT				

Green Bay Packers 2020 Wayne Larrivee, Larry McCarren

<https://www.packers.com/video/radio-network> (9/9/2020)

550	WSAU-WI	92.3	WJMQ-WI	97.1	WGLQ-MI	101.5	WJNR-FM-MI
580	WKTY-WI F		WRLS-FM-WI		WCOW-FM-WI		WIBA-FM-WI
620	<u>WTMJ-WI</u>	92.7	W224DE-WI	97.7	WGLR-FM-WI	102.3	WAUH-WI
710	WDSM-WI		WDUX-FM-WI	98.1	W251CD-WI		WHTL-FM-WI
940	WFAW-WI	93.7	WCYE-WI	98.3	WCQM-WI	102.9	WBDL-WI
1230	WFXN-IL	94.3	WQPC-WI F	99.1	KSOO-FM-SD	103.3	<u>W277CV-WI</u>
	WCLO-WI	94.9	WUPZ-MI	99.3	WKEB-WI	105.3	WRLO-FM-WI
1240	WOMT-WI	95.1	WLST-WI	99.7	WIMI-MI	105.7	WCUP-MI
1310	WIBA-WI		W236CO-WI	99.9	WJVL-WI		WAPL-WI
1330	WHBL-WI	95.3	WXRO-WI		WSAU-FM-WI	106.3	WEVR-FM-WI
1550	WEVR-WI	96.1	WJMC-FM-WI	100.7	WBIZ-FM-WI	107.1	WFON-WI
		96.7	K244FM-WI	100.9	WRCO-FM-WI	107.3	WNXR-WI
				101.1	WIXX-WI	107.9	W300EE-WI

Houston Texans 2020 (EE) Marc Vandermeer, John Harris, John McClain

Houston Texans 2020 (SS) -Enrique Vasquez, Gustavo Rangel

<https://www.houstontexans.com/podcasts/radio-networks> (9/13/2020) DO NOT REPRODUCE.

Indianapolis Colts 2020 Matt Taylor, Jim Songi, Laura Overton

<https://www.colts.com/audio/radio-affiliates> (9/6/2020)

680	WHBE-KY	1450	WASK-IN t	95.5	W238BH-IN	101.7	W269DJ-IN
740	WVLN-IL		WXVW-IN	95.9	WEFM-IN	102.9	W275AJ-IN
860	WMRI-IN	1480	WRSW-IN	96.1	WQLK-IN	103.3	WAXL-IN
960	WSBT-IN	1490	WDAN-IL		W241AD-IN	103.9	WIMC-IN
1070	<u>WFNI-IN</u>			96.7	WORX-FM-IN	105.7	WCJZ-IN
1090	WCRA-IL	92.1	WROI-IN	97.1	<u>WLHK-IN</u>		WHBE-FM-KY
1140	WAWK-IN		WZDM-IN	97.9	WSLM-FM-IN t	105.9	WJOT-FM-IN t
1320	WBRT-KY	92.7	WZBD-IN	98.1	WIBN-IN	106.5	WWBL-IN
1330	WTRE-IN	93.5	WMXQ-IN	98.5	WWVR-IL	106.7	WYFX-IN
1340	WBIW-IN	94.3	W232DK-IN		WMYK-IN	107.3	WRZQ-FM-IN
1370	WGCL-IN t		WREB-IN	100.9	WZUS-IL	107.5	WABX-IN
1380	WKJG-IN t	94.5	WRZR-IN		W265CY-IN		<u>W298BB-IN</u>
1440	WPGW-IN						

Jacksonville Jaguars 2020 *Frank Frangie, Jeff Lageman, Tony Boselli, Rick Ballou

<https://www.jaguars.com/radioaffiliates> (9/6/2020)

660	WDYZ-FL	92.5	<u>WJXL-FM-FL</u>	98.1	W251CG-FL	105.9	WVGA-GA E
850	WRUF-FL	94.9	W235CW-FL	99.9	<u>WGNE-FM-FL</u> j	106.3	WKBX-GA
1010	<u>WJXL-FL</u>	95.7	WHOG-FM-FL	100.7	WFLA-FM-FL	106.5	WMCD-GA
1230	WAYX-GA	96.3	W242BE-GA	105.5	W288CJ-FL	107.7	WHFX-GA
1420	WAOC-FL	96.5	W243AW-FL		WIFO-FM-GA E		
1550	WNZF-FL						

Kansas City Chiefs 2020 (EE) Mitch Holtus, Danan Hughes, Josh Klingler, Art Haines

Kansas City Chiefs 2020 (SS) Enrique "Kike" Morales, Oscar Monterroso, Hannah Bassham

<https://www.arrowheadpride.com/21428946/kansas-city-chiefs-radio-network-affiliates> (9/9/2020)

580	WIBW-KS	1380	KUVR-NE	94.9	K235CA-IA	102.3	KOZQ-FM-MO
680	KFEQ-MO	1420	KJCK-KS	95.1	KAMS-AR		KRMG-FM-OK
690	KGGF-KS		KRLL-MO O	95.5	KAAN-FM-MO	102.9	KMMO-FM-MO
740	KRMG-OK		KBTN-MO	96.3	KZDY-KS	103.3	K277CA-NE
780	WJAG-NE	1430	KKOZ-MO	96.7	KBBE-KS	103.9	KOMB-KS
790	KXXX-KS		KRGI-NE		KCMQ-MO	104.3	KVGB-FM-KS
860	KKOW-KS	1450	KWBW-KS	96.9	KFIX-KS	104.5	K283CL-MO
870	KAAN-MO O		KYNT-SD		K245CK-NE	104.7	KKLH-MO
910	KINA-KS	1530	KQNK-KS	97.5	KPAK-OK	104.9	K285GL-KS
950	KWOS-MO	1540	KNGL-KS	97.9	KICK-FM-MO		KXEA-MO
990	KRMO-MO		KLKC-KS	98.5	K253CP-KS	105.3	K287CM-MO
1120	KMOX-MO	1600	KMDO-KS	98.7	KNSS-FM-KS O		KINB-OK
1210	KGYN-OK O	1700	KBGG-IA O	99.1	KSEK-FM-KS	105.5	K288HC-NE
1220	KJAN-IA				KDWD-MO	105.9	<u>KSSA-KS</u> S
1230	KTNC-NE	92.1	KMZA-KS	99.3	K257GM-KS		K290AT-NE
1240	KFMO-MO		KKOZ-FM-MO		KCGQ-FM-MO	106.3	K292HJ-KS
	KFOR-NE	92.3	KSDL-MO	99.9	KSKG-KS	106.5	<u>WDAF-FM-MO</u>
1280	KYRO-MO O	92.7	KASR-AR O		KIRK-MO	106.7	KQNK-FM-KS
1290	KMMM-KS		KSJQ-MO	100.1	KKWK-MO	107.1	K296HK-NE
	KOIL-NE	93.3	K227CX-KS	100.3	KRDQ-KS	107.3	KLPW-FM-MO
1300	KMMO-MO	93.5	KLKC-FM-KS	100.9	KCLY-KS		O
1330	KNSS-KS		KMYK-MO		KGBL-KS	107.5	K298CZ-KS
1350	KMAN-KS	93.7	K229CW-KS	101.1	K266AN-IA	107.9	K300DN-KS
1360	KSCJ-IA	94.5	KRXL-MO	101.7	KVOE-FM-KS		
1370	KIOL-KS	94.7	K234CG-KS		KHST-MO		

Las Vegas Raiders 2020 (EE) Brent Musberger, Lincoln Kennedy

Las Vegas Raiders 2020 (SS) Anbrosio Rico, Fernando Arias

<https://www.raiders.com/multimedia/game-radio-broadcast-information> (9/13/2020)

DO NOT REPRODUCE.

Los Angeles Chargers 2020 (EE) Matt "Monkey" Smith, Daniel Jeremiah, Shannon Farren

Los Angeles Chargers 2020 (SS) Francisco Pinto, Adrian Garcia Marquez

<https://www.gotknowhow.com/articles/listen-to-los-angeles-chargers-radio-online> (8/30/2019)

I have not yet found a 2020 network list.

Los Angeles Rams 2020 (EE) J. B. Long, Maurice Jones-Drew, D'Marco Farr

<https://www.therams.com/news/cowboys-at-rams-how-to-watch-091320> (9/13/2020)

610	KAVL-CA	1240	KSMA-CA	1490	KMET-CA	99.5	K258CY-CA
710	<u>KSPN-CA</u>	1340	KCBL-CA			100.9	K265EZ-NV r
970	KHTY-CA	1360	KLSD-CA	92.7	K224FR-HI	103.9	K280CV-CA
1100	KWWN-NV r	1420	KKEA-HI r	93.1	<u>KCBS-FM-CA</u>	106.7	K294DA-CA

Los Angeles Rams 2020 (SS) Troy Santiago, Ricardo Lopez

<https://www.therams.com/news/cowboys-at-rams-how-to-watch-091320> (9/13/2020)

890	KVMX-CA	1330	<u>KWKW-CA</u>	1490	KWAC-CA q	102.9	KXLM-CA
910	KOXR-CA	1410	KCAL-CA	1600	KGST-CA		
1220	KTMZ-CA	1460	KENO-NV q				

(to be continued next issue)

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