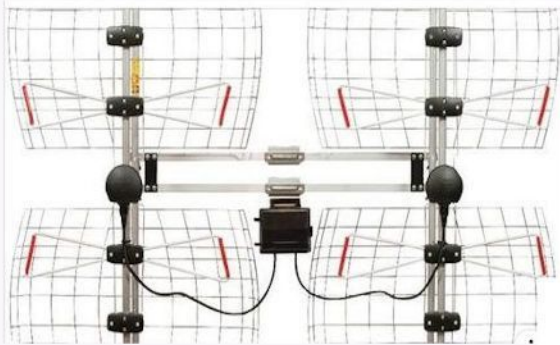




VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 2021



Db8e

Ideas



For



HD8200XL



DATBOSS

Christmas



XG-91

THE VHF-UHF DIGEST

The Worldwide TV-FM DX Association

Serving the TV, FM, 30-50mhz Utility and Weather Radio DXer since 1968

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS:

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The Mailbox

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December 2021



Merry Christmas to all of you from the WTFDA board and your VUD editors. Although 2021 was another trying year for all of us, the summer skip season helped us to forget a little about COVID and turned our attention to skip and double hop. It truly was an amazing summer.

We'd like to thank everyone who helped the club this summer, either by helping with the FM Database, the Forums, the board or offering to help with club projects that we haven't even told you about yet. It's good to see young, fresh faces come aboard with new ideas and new directions to take the club into the future. And finally we thank you all for believing that TV and FM Dxing is still relevant in this ever changing world of technology so much so that you'll part with ten bucks every year to stay with a DX club and keep it going. Without you, there is no club. Thank you!

NEW MEMBERS & RENEWALS

Since our last issue, renewals have come in from Stephen Kellat, Marv Shults, Doug Speheger, George Mileon, Al Kopec, Nigel Ward, Bill Nollman and Chris Kadlec. And we welcome four new members of the WTFDA: Rocco Veilleux (VA), William Mccurl (MD), Scott Altice (NC) and Robert Ober(TX). Welcome to all our new members and thanks to everyone else for hanging around for one more year!

By the way, Scott Altice said "Wow! I didn't know you were still around! Started reading WTFDA 50 years ago..." (I think I have Scott beat by about five years. Boy does time fly. -ed)

Ralph Strobel writes "I've no problem getting into the VUDs at all. I may have been typing Edison and Veronica with capitol letters and that was the problem (and you were not the only one who did that -ed). This summer I logged 41 new stations which is not spectacular, but better than the year before. My McIntosh MR-78 keeps working and I have Hy-Gain rotors and rotor boxes and everything keeps working. I found a good TV store in Indy that repairs my cassette decks and burned lights in my tuner and such. I hope to keep at it for a long time..." (Just as an aside, the MR78 was on my bucket list since the very first time I played with one at the late Joe Fela's house in Plainfield, NJ back in the 80s. It's an amazing tuner. I never did get one. I just couldn't afford one. I was amazed at what he could hear on adjacent channels in spite of having both NYC and Philadelphia stations for locals. Joe left the FM DXing hobby when IBOC arrived and wiped out all of his adjacent channels. I know exactly how he felt. -ed)



MORE ABOUT ATSC 3.0

Here's more from Steve Rich about how ATSC 3.0 works in the real world: "While I was able to receive ATSC 3.0 WSTR 18, Cincinnati @ 191 miles from Milford, IL last hour, I was checking to see what QAM format each of the five streams this channel is carrying are using. The first station to come up in the list, and to decode, is WSTR using 16 QAM. The next station in the list is WKRC, using 64 QAM. The next three stations, WLWT, WXIX

& WCPO, are all using 256 QAM. WSTR with 16 QAM was by far the easiest to decode, even with a marginal signal. Next was WKRC with 64 QAM. The three stations using 256 QAM were by far the toughest ones to get a decode unless the signal was much stronger. The less data being transmitted, a low QAM number, the easier it is for the tuner to decode the signal. Also, this information from [GatesAir](#) features many aspects of 3.0, including coverage charts relating to the various QAM formats. In comparison to WSTR's various QAM formats, my local 3.0 station, WTTK 15, is using 256 QAM on all four streams that it carries.

MORE DOUBLE HOP

Here's an email from Timothy Land with more double hop! Tim writes "Hi Mike. A couple weeks ago I was going through (still) some unattended recordings from July 14, 2021 and found an ID for 96.7 KZIN Shelby, Montana at 1697 miles. I posted it to the WTFDA Forums in "Your FM DX Logs". I didn't know if you saw it or not. It could make for a little bit of content in the next Digest, but I don't know with it being four months old now. This is my second-farthest FM catch. The farthest for me is 93.7 CKUA Calgary, AB at 1849 mi also posted on the WTFDA Forums since 2012. My DX arsenal consists of: Two Sony XDR-S10HDIP's, Three Sony XDR-S3HD's, One Carver TX-11, One Sangean WR-2, One Radio Shack TV/FM directional antenna from the 1990's (still great), One multi-directional antenna that I reformed to be bi-directional, Two other spare antennas, Two Insignia NS-HD01's for portables and A slew of Sony digital recorders. I hope to get some winter FM Es coming up! (Tim, you still have a TX-11? That tuner was one of my all-time favorites. I can't remember what happened to mine, I probably sold it, but occasionally I check eBay to see if any are still for sale. I've thought about buying another one, if just for old time sake. The noise reduction on that thing was amazing! but then I think about all the IBOC I have here and snap back to reality, lol. -ed)

THE ART OF GOING MOBILE

Nobody knows more about mobile DXing than Chris Kadlec. Chris wrote: "Just wanted to let you know...that I have a 19-page article called The Art of Going Mobile that you are free to link to in the VUD. I've gotten 600 visitors to the page in the past handful of days, so figured I might as well suggest adding it to the VUD in case there are others who may find it interesting. I've been advertising it in many of the DX groups as such:



"The art of going mobile: a comprehensive look at DXing in the outdoors and 20 tips to make it successful" covers the mobile side of the radio hobby, which I have taken part in for more than two decades.

I started writing this article 18 months ago and am proud to have finally completed it. Over two dozen DXers from the AM, TV, and FM side - some members of this group - are featured in this piece, many of them personally helping with the content (thanks to all of them), which covers a wide array of topics with personal advice on equipment, supplies, and tips to make the most of your real-time DXing, applicable even to those DXing at home.

Mobile DXing is my passion and I go to great lengths with this article to share my experiences to improve those of others in the future, so if you find fellow hobbyists who would enjoy this article or others who may share it to a larger audience of DXers who may benefit, please do feel free to share it."

Here is the link to the [article: http://www.chriskadlec.com/radio/articles/mobile](http://www.chriskadlec.com/radio/articles/mobile)

THAT'S IT!

I've reached my MACL (maximum allowable column limit) so I'll end it here. See you next month. -Mike



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TV News – December 2021

Douglas E. Smith
Nashville, TN
w9wi@w9wi.com

Stations in **boldface** are full-power; all others are LPTV, translators, or Class A. In Canada & Mexico, stations of more than 3kw (VHF) or 15kw (UHF) are marked in **boldface**. Stations *in italics* are analog. There are no operating analog stations left in the USA or Mexico. USA analog listings are off the air, either temporarily pending conversion to digital or permanently deleted.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Alabama			
Birmingham	30	WIAT	Requests power reduction to 1000kw/419m, 33-29-02/86-48-21.
Mobile	18	WMPV-TV	Operating at unspecified reduced power of less than 80% since Sept. 27th; returned to full power Oct. 26th.
Mobile	36	WGOX-LD	From 43, 15kw/129m; granted & moved. City from Crestview, Fla.
Tuscaloosa	32	W32EQ	Granted power reduction to 3.2kw/116m, 33-06-04/88-50-24.
Alaska			
Anaktuvuk Pass	9	K09RS	OFF July 13 th pending conversion to digital.
Anchorage	25	KDNJ-LD	Calls changed from K25QK.
Chitina	9	K09NF	OFF July 13 th pending conversion to digital.
Egegik	9	K09SK	OFF July 13 th pending conversion to digital.
Juneau	6	KTNL-LD	Calls changed from K06QP.
Kasigluk	9	K09UE	OFF July 13 th pending conversion to digital.
Kotlik	9	K09SL	OFF July 13 th pending conversion to digital.
Minto	13	K13TK	OFF July 13 th pending conversion to digital.
New Stuyahok	13	K13TO	OFF Oct. 17 th pending conversion to digital.
Toksook Bay	11	K11QG	OFF July 13 th pending conversion to digital.
Arizona			
Phoenix	12	K12XP	Granted power reduction to 3kw/472m. Same station as K18JL.
Phoenix	18	K18JL	OFF June 26 th pending grant & construction of displacement facility; forced off this channel by KPNX.
Phoenix	36	KAZT-CD	Granted power increase to 15kw/500m.
<i>Safford</i>	<i>16</i>	<i>KZOL-LP</i>	<i>License canceled Nov. 10th.</i>
<i>Safford</i>	<i>21</i>	<i>K21GC</i>	<i>License canceled Nov. 10th.</i>
<i>Tacna</i>	<i>27</i>	<i>KYPO-LP</i>	<i>OFF Aug. 1st pending conversion to digital.</i>
Tucson	35	K35OU	OFF Nov. 11 th , transmitter failure.
Arkansas			
Fayetteville	20	KJNM-LD	Granted power to 1.65kw/146m, 36-10-48/94-05-07.
<i>Fulton</i>	<i>11</i>	<i>KTEQ-LP</i>	<i>OFF Aug. 1st pending conversion to digital ch. 31.</i>
<i>Harrison</i>	<i>21</i>	<i>K21JS</i>	<i>OFF Aug. 1st.</i>
Jonesboro	8	KAIT	OFF Nov. 6th pending replacement of ch. 8 antenna with antenna for new ch. 27. Programs will be carried on KJNB-LD until ch. 27 is on the air.
Jonesboro	16	KJNB-LD	Moved from 27, 15kw/107m, 36-03-30/90-56-36.
Jonesboro	27	KAIT	Returned to the air Nov. 9th on this channel, 1000kw/527m.

Location	RF Ch	Callsign	Notes
Paragould	35	KJBW-LD	Calls changed from K35LN.
Paragould	36	KJTB-LD	Power increased to 15kw/131m, 35-57-14/90-41-41. Calls changed from K36MT.
California			
Bakersfield	24	K24GS	OFF Aug. 1 st .
Barstow	30	K30MN	Granted power reduction to 100 watts/64m, 34-53-05/116-53-49.
Calexico	29	K42KZ	Moved from 42.
Cal-Oregon	33	KQSX-LP	From 42, 100 watts/-313m, 41-17-19/122-18-13; granted & moved.
Ceres	6	K06QL	Requests power reduction to 150 watts/4m, 37-34-46/120-50-52. Granted.
Ceres	20	K20OO	New station on the air, 3kw/16m, 37-29-27/120-52-27.
Chico	35	K35OZ	Requests power reduction to 100 watts/-37m; granted & reduced. Requests power increase to 15kw/-23m; granted.
Daggett	15	K15BZ	License canceled Nov. 4 th
Daggett	34	K34QW	License canceled Nov. 4 th
Fresno	3	K03HK	OFF July 26 th
Fresno	25	K25KY	Requests power increase to 15kw/16m; granted.
Inglewood	24	KILM	See sharing host KPXN-TV San Bernardino.
Joshua Tree	25	K25GK	License canceled Nov. 4 th .
Los Angeles	9	KCAL-TV	Application for new aux, 10.5kw/960m; granted & on the air.
Morongo Valley	21	K21GI	License canceled Nov. 4 th .
Mount Shasta	26	NEW	Withdrawn, no longer interested.
North Palm Springs	7	NEW	Withdrawn, no longer interested.
Palm Springs	7	NEW	Withdrawn, no longer interested.
Pomona	26	KMRZ-LD	Granted move from 22, 2.02kw/700m, 34-11-15/117-42-01; moved.
Salinas	3	K03IZ	Requests power increase to 3kw/746m.
San Bernardino	24	KPXN-TV	Returned to full power Nov. 13th.
San Diego	6	KRPE-LP	Requests STA for ATSC 3.0/87.7 FM operation.
San Diego	17	KNSD	Permit granted for new aux, 210kw/532m.
San Luis Obispo	6	NEW	Withdrawn, no longer interested.
Santa Maria	6	NEW	Withdrawn, no longer interested.
Visalia	22	KIFR	Calls changed from KNXT.
Yreka	26	NEW	Withdrawn, no longer interested.
CDMX			
Cd. de México	16	XHTV-n	Permit granted for new relay, 90.17kw/758m, 19-35-23/99-06-56.
Colorado			
Cortez	25	K25LT	License canceled Nov. 2 nd .
Cortez	25	K25QS	From K39EY, 100 watts/494m, 37-21-01/108-08-03; granted & moved. Replaced permit to go to ch. 3. (KRMU Durango)
Crawford	24	K24JO	Returned to the air Nov. 23 rd .
Denver	35	KCNC-TV	Requests STA 420kw/324m; granted.
Dove Creek	15	K15GU	Power reduced to 235 watts/277m, 37-48-54/109-25-31.
Dove Creek	17	K17GE	Power reduced to 235 watts/277m, 37-48-54/109-25-31. (KMGH Denver)
Glenwood Springs	42	K42EV	License canceled Nov. 22 nd .
New Castle	36	K36AF	License canceled Nov. 22 nd .
Rifle	34	K34LC	License canceled Nov. 22 nd .
Florida			
Clearwater	21	WCLF	Requests power increase to 1000kw/412m; granted.
Crestview	36	WGOX-LD	From 43, 15kw/129m; granted. See Mobile, Ala.

Location	RF Ch	Callsign	Notes
Destin	33	W33DJ	Granted power increase to 15kw/63m, 30-43-37/86-34-35.
Key West	31	WTVK-LD	License canceled Nov. 9 th .
Monticello	18	NEW	Withdrawn, no longer interested.
Naples	30	WWDT-CD	Power increased to 15kw/123m.
Ocala	30	W30EM	Requests power reduction to 15kw/75m, 29-23-51/82-25-15; granted.
Panama City	10	WGOM-LD	OFF Aug. 11 th pending HVAC repairs.
Panama City	19	WIDM-LD	Requests power increase to 15kw/60m, 30-10-53/85-29-45; granted. Granted STA for 100 watts/8m, 30-11-03/85-46-36; to operate at reduced power during construction.
Quincy	18	NEW-LPTV	Withdrawn, no longer interested.
Sarasota	5	W05CO	OFF Aug. 1 st .
Tallahassee	18	NEW-LPTV	Withdrawn, no longer interested.
Tampa	27	WTBT-LD	From 45, 15kw/393m, 27-50-52/82-15-49. Requests STA for same facilities pending permanent approval; STA dismissed.

Georgia

Albany	26	WDRJ-LD	From 17, 7kw/76m, 31-40-19/84-03-32; granted.
Albany	28	WSST-LD	From 24, 15kw/87m, 31-53-36/83-48-18; granted.
Atlanta	29	WYGA-CD	STA withdrawn, returned to full power Sept. 21 st .
Augusta	18	WIEF-LD	Requests STA 7.5kw/124m; to operate at reduced power pending amplifier replacement. Withdrawn Oct. 30 th , returned to full power.
Macon	36	NEW-LPTV	Withdrawn, no longer interested.
Toccoa	28	W28EW	Moved from W08EG, 15kw/122m (WGTV Athens)
Warner Robins	36	NEW-LPTV	Withdrawn, no longer interested.

Hawaii

Hilo	23	KEKE	Calls changed from KWHD.
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Idaho

Boise	11	K11XP	Requests power increase to 3kw/479m.
Boise	23	K23NB	New to the air, 200 watts/455m, 43-44-24/116-08-12.
Boise	23	NEW-LPTV	Withdrawn, no longer interested. (different applicant from K23NB)
Idaho Falls	21	K21LI	Requests power reduction to 100 watts/174m. Granted & on the air. Requests power increase to 2.6kw/183m.
Lewiston	30	K30MC	Requests power reduction to 100 watts/166m, 46-30-56/116-56-46.
Lewiston	33	K33LF	Requests power reduction to 100 watts/166m, 46-30-56/116-56-46. Granted & on the air. Requests power increase to 15kw/226m.
Mountain Home	23	NEW-LPTV	Withdrawn, no longer interested.
Nampa	6	KTVJ-LD	Power increased to 3kw/785m, 43-45-21/116-05-57.

Illinois

Champaign	14	W14ES	Granted power reduction to 5.2kw/79m, 39-00-28/88-52-31.
Oswego	10	WAOE	Requests power to 15kw/212m, 41-16-55/88-56-11.
Quincy	17	W17EH	New to the air, 5 watts/12m, 39-57-47/91-23-36.
St. Louis	29	WLEH-LD	See St. Louis, Missouri.

Indiana

Marion	28	WJSJ-CD	Requests power reduction to 6kw/69m, 40-17-29/86-01-38.
Portage	13	WODN-LP	OFF July 27 th pending conversion to digital.

Location	RF Ch	Callsign	Notes
Iowa			
Fort Dodge	17	KPWT-LD	Granted power reduction to 500 watts/29m, 43-04-05/94-12-09.
Marshalltown	17	KDIT-CD	Granted power increase to 15kw/557m, 41-49-48/93-36-55.
Kansas			
Topeka	35	K35KX	STA withdrawn, returned to full power Sept. 10 th .
Kentucky			
Bowling Green	14	W14DG	Returned to the air.
Lebanon	6	WDHC-LD	Granted STA 505 watts/24m, 36-04-08/87-23-20; studio tower of WDKN-1260, Dickson, Tennessee.
Louisiana			
Iowa	30	K30QV	OFF Aug. 17 th pending conversion to digital.
Lafayette	30	KXKW-LD	From 32, 15kw/278m, 30-20-33/91-57-47; granted & moved.
Lafayette	32	KXKW-LD	OFF Oct. 23 rd pending move to ch. 30.
Morgan City	7	KJUN-CD	OFF Aug. 29 th , "signal delivery mechanisms" destroyed by Hurricane Ida.
Maine			
Bangor	15	W15DS	Requests power increase to 5kw/54m.
Bangor	31	W31EX	Requests power reduction to 1kw/125m.
Bangor	34	W34EQ	Requests power increase to 5kw/54m.
Etna	36	W36FM	From 45, 10kw/348m, 44-42-12/69-04-45; granted.
Maryland			
Havre de Grace	24	WWDD-LD	Granted STA 5kw/145m, 39-30-54/76-14-25.
Salisbury	32	WBOC-TV	Requests STA for reduced power of 363kw pending transmitter repairs, but promptly withdrawn. Transmitter repaired Nov. 24th.
Massachusetts			
Adams	35	W38DL	From 38, 5kw/630m.
Dennis	18	WMPX-LD	Requests power increase to 15kw/145m, 41-59-43/71-26-52; granted.
Nantucket	36	NEW-LPTV	Withdrawn, no longer interested.
Nantucket Island	36	NEW-LPTV	Withdrawn, no longer interested.
Springfield	29	WTXX-LD	From 34, 7.3kw/167m, 41-34-34/72-57-22; granted.
Michigan			
Detroit	21	WWJ-TV	Application for new aux transmitter, 750kw/327m. Granted & on the air.
Kalamazoo	18	WUHO-LD	Requests power increase to 15kw/80m; granted.
Michoacan			
Uruapan	30	XHURT-n	Requests site change 449 watts/-23m, 19-14-17/101-27-47.
Minnesota			
Duluth	27	KCWV	Granted power increase to 62.5kw/218m.
Minneapolis	26	WDMI-LD	From 31, 15kw/166m, 45-04-07/93-10-35. Granted STA 1kw/166m; to use ch. 31 antenna on channel 26 at reduced power until a channel 26 antenna can be installed. Displaced by KARE.
Minneapolis	31	KARE	Moved from 11, 1000kw/456m. (this is why WDMI is going to ch. 26)

Location	RF Ch	Callsign	Notes
St. Cloud	28	K28PQ	Aux requests move from 11, 1000kw/329m; granted. Requests power reduction to 2.68kw/117m.
Mississippi			
Bruce	14	WYMP-LD	Granted power reduction to 1.5kw/43m, 34-59-20/89-41-13.
Calhoun City	26	WMPJ-LD	Returned to the air Nov. 5 th .
Clarksdale	20	W20DW	Requests power increase to 15kw/118m, 34-32-47/90-37-16; granted.
Clarksdale	34	W34ER	Granted power reduction to 3.6kw/70m, 34-08-52/90-46-14.
Vicksburg	26	W26BB	OFF Aug. 1 st pending conversion to digital.
Missouri			
Columbia	6	K06PT	Requests power increase to 3kw/165m, 39-00-52/92-16-33; granted. Requests power reduction to 100 watts/24m; granted.
Lewiston	9	KRKG-LP	OFF Aug. 30 th , sold.
St. Louis	29	WLEH-LD	OFF Nov. 17 th pending transmitter replacement. Listed as St. Louis, Illinois but best I can tell there is no such place. Site is roughly 25km southeast of St. Louis, Missouri.
Montana			
Billings	15	K15JL	Requests power reduction to 100 watts/2m, 45-49-36/108-31-05. Granted & on the air. Requests power increase to 15kw/48m.
Butte	29	K29JT	Requests power reduction to 100 watts/-207m, 46-06-41/112-24-51. Amended to 100 watts/75m, 45-55-11/112-25-00. Granted & on the air. Requests power increase to 5kw/99m.
Hamilton	25	K25LO	Requests power reduction to 100 watts/-245m, 46-16-25/114-09-15. Granted & on the air.
Helena	22	K22OH	Requests power increase to 15kw/-220m. Requests power reduction to 100 watts/-120m, 46-41-42/112-01-26. Granted & on the air. Requests power increase to 15kw/-86m.
Helena Jordan	29 11	KUHM-TV K11HE	Granted power reduction to 24.9kw/646m, 46-49-29/111-42-16. Returned to the air, 54 watts/88m, 47-20-00/107-05-02. Deleted station "resurrected". Engineers entrusted with filing digital conversion paperwork suffered from ill health. (KFBB Great Falls)
Philipsburg	15	K40LF	Moved from 40, 39 watts/480m, 46-15-49/113-15-03 (KSPS-TV Spokane, Wash.)
Philipsburg	17	K17JS	Power increased to 39 watts/480m. (KECI-TV Missoula)
Philipsburg	25	K25LF	Power increased to 39 watts/480m. (KPAX-TV Missoula)
Philipsburg	30	K30KY	Power increased to 39 watts/480m. (KTMF Missoula)
Sand Springs	13	K13HK	Returned to the air, 50 watts/113m, 47-01-30/107-26-02. See K11HE Jordan. (KRTV Great Falls)
Nevada			
Elko	10	KENV-DT	Returned to the air Nov. 3rd.
Ely	36	KXTY-LP	OFF Aug. 1 st pending conversion to digital.
Las Vegas	30	KDNU-LD	Returned to the air Oct. 29 th ; calls changed from K30PL.
Las Vegas	35	KVTE-LD	Returned to the air Nov. 2 nd .
Reno	5	K05NL	Requests power reduction to 100 watts/123m; granted.
Reno	6	K06QX	Requests power to 3kw/177m, 39-35-03/119-47-56; granted. Calls assigned for new station.

Location	RF Ch	Callsign	Notes
			Requests power reduction to 100 watts/123m; granted.
New Jersey			
Newark	26	WFUT-DT	Granted power increase to 275kw/397m, 40-44-54/73-59-09.
Paterson	26	WXTV-DT	See sharing host WFUT-DT Newark.
New Mexico			
Carlsbad	28	K28NM	Requests power increase to 5kw/21m, 32-23-49/104-13-11.
Hobbs	17	K17OW	Requests power increase to 1kw/95m, 32-25-52/103-09-20.
Penasco	6	K06FT	License canceled Nov. 12 th .
Raton	24	K24IY	Power increased to 4kw/424m, 36-41-00/104-24-52. (KSPK-LD 28 Walsenburg, Colo.)
Roswell	26	K26PL	Granted power reduction to 2.5kw/29m, 32-49-00/103-58-31.
New York			
Glens Falls	15	WRGB-DRT	Power changed to 15kw/248m, 43-18-17/73-45-05.
Hornell	17	W17ED	Moved from W16BE, 1kw/11m, 42-43-23/77-40-33. Site is near Conesus north of Dansville.
New York	23	WXNY-LD	Requests STA 1kw/300m, 40-44-54/73-59-09; temporary displacement facility on the Empire State Building. Returned to the air Oct. 12 th under this STA. Requests permanent permission for 3.25kw at the same site; granted.
New York	28	WNYJ-LD	Requests power increase to 15kw/460m, 41-43-08/73-59-45 (WRHV-FM tower, Illinois Mtn. near Poughkeepsie)
New York	41	W41DO	OFF Aug. 30 th pending negotiation of new channel sharing agreement.
Port Jervis	28	W25FA	Granted STA for this channel, 14.8kw/200m, 40-57-39/73-55-21; Armstrong tower, Alpine, New Jersey.
North Carolina			
Burnsville	35	W35CO	Requests STA 1kw/463m to avoid interference to nearby land-mobile receivers; granted. Relays WUNW-27.
Franklin	31	W31DH	Operating at approximately 25% power since Oct. 22 nd due to HVAC failure; returned to full power Nov. 3 rd .
Hayesville	29	W29DE	Operating at 10% power since Nov. 1 st ; failed amplifier & temporary use of a power-powered backup transmitter.
Raleigh	33	W33EI	Returned to the air Nov. 18 th , repaired bent RF adapter.
Sylva	9	W09AF	OFF Aug. 15 th , transmitter failure.
North Dakota			
Fargo	22	K22OG	Requests power reduction to 8.6kw/38m, 46-52-40/96-47-16; granted.
Fargo	25	K25LY	Requests power reduction to 8.6kw/38m, 46-52-40/96-47-16; granted.
Oaxaca			
Puerto Escondido	23	XHJP-TDT	Requests site change 15.33kw/406m, 15-51-17/97-02-57.
Ohio			
Cleveland	28	W28FG	Power change request withdrawn.
Millersburg	27	W27DG	Power increased to 10.3kw/118m. (WIVN-LD Newcomerstown)
Steubenville	21	WSSS-LP	License canceled Nov. 9 th .
Oklahoma			

Location	RF Ch	Callsign	Notes
Ardmore	20	K20OH	Requests power increase to 15kw/86m; granted.
Tulsa	14	KTUL	From ch. 10, 1000kw/578m.
Tulsa	29	KTZT-CD	Requests power increase to 15kw/129m, 36-09-46/95-58-45, but withdrawn for procedural reasons. Apparently refiled, as it's been granted.
Oregon			
Astoria	15	K15IQ	New to the air, 15kw/3m, 46-34-03/123-36-01.
Astoria	36	K36LI	New to the air, 5kw/332m, 46-15-45/123-53-13.
Bend	28	K28MH	Requests power reduction to 100 watts/559m, 44-11-52/120-58-44; granted & new to the air.
Eugene	16	K16JS	Requests power reduction to 100 watts/208m, 44-00-07/123-06-54; amendment for minor change in site. Granted & reduced.
Eugene	25	KCKW-LD	Requests power reduction to 100 watts/208m, 44-00-07/123-06-54; granted & reduced.
Eugene	28	NEW-LPTV	Withdrawn, no longer interested.
John Day	15	K15IL	Requests power increase to 5kw/-31m.
Klamath Falls	23	K23PA	Requests power reduction to 100 watts/57m, 42-12-18/121-41-16; granted & new to the air.
Medford	20	K20KV	Requests power increase to 15kw/87m; granted. New to the air, 100 watts/195m, 42-26-47/123-03-26.
Portland	26	KJYY-LD	Requests power increase to 5kw/221m; granted.
Warrenton	22	KHPN-LD	Returned to the air early November. Requests power increase to 15kw/364m.
Pennsylvania			
Freedom	31	WWBP-LP	License canceled Nov. 9 th .
Puerto Rico			
Caguas	11	WLII-DT	Requests power increase to 180kw/354m. This appears to exceed the high-VHF maximum of 160kw. (It does. Amended to specify 160kw instead.) Granted, at 160kw.
Carolina	2	NEW-LPTV	Withdrawn, no longer interested.
Carolina	4	WVDO-LD	Moved from 22, 3kw/582m.
Guayama	31	W31DV	Power increased to 15kw/236m, 18-15-54/66-05-06 (WVDO-LD 4 Carolina)
Mayaguez	15	WKHD-LD	Calls changed from W15EI.
Mayaguez	30	WNTE-LD	From 36; granted.
San Juan	3	NEW-LPTV	Withdrawn, no longer interested.
San Sebastian	33	WJWN-TV	Off entirely Sept. 29th pending new filter; returned to air Nov. 18th at 80% power.
Yauco	35	W36EP	From 36, 15kw/294m, 18-04-41/66-44-54; granted.
Yauco	36	W36EP	Power change application withdrawn; underlying permit is expired.
Quebec			
Carleton-sur-Mer	29	CFTF-11	From 44, 19.5kw; amendment from ch. 26; granted.
Rivière-du-Loup	7	CFTF-DT	From 29, 7kw/345m; granted.
Rivière-du-Loup	13	CIMT-DT-6	From 41, 114 watts/49m; granted.
South Carolina			
Charleston	34	WGWG	Operating at unspecified power of less than 80% since Oct. 12th, equipment failure. STA modified to specify reduced power of 310kw.

Location	RF Ch	Callsign	Notes
South Dakota			
Pierre	27	K27HJ	OFF Oct. 6 th , power amp failure; returned to the air Nov. 9 th .
Sioux Falls	6	K06QJ	Requests site change 3kw/175m, 43-30-18/96-33-23. Requests power reduction to 100 watts/11m.
Sioux Falls	20	KABY-LD	Returned to the air Sept. 22 nd .
Tennessee			
Dickson	6	WDHC-LD	See Lebanon, Kentucky.
Memphis	22	WDNM-LD	From 21, 15kw/266m, 35-10-29/89-50-43; granted.
Texas			
Abilene	13	KXAB-LP	OFF Aug. 1 st pending conversion to digital ch. 21.
Abilene	18	KJTN-LP	OFF Aug. 1 st pending conversion to digital.
Abilene	46	KZAB-LP	OFF Aug. 1 st pending conversion to digital ch. 22.
Beaumont	19	KJYK-LD	Granted power increase to 15kw/98m, 29-58-36/93-56-01.
Beaumont	20	K20OM	Requests power increase to 5kw/90m, 29-58-36/93-56-03.
Beaumont	28	NEW-LPTV	Withdrawn, no longer interested.
Big Spring	35	K35MF	Requests power increase to 12.5kw/160m, 32-13-18/101-27-35.
Big Spring	36	K36PZ	Requests power increase to 5kw/162m, 32-13-18/101-27-35.
Bryan	20	K20KJ	Requests power increase to 15kw/31m.
Crockett	17	KIVY-LD	Moved from 16.
Dallas	26	K26PS	Returned to the air Nov. 2 nd .
Houston	19	KTXH	Application for new aux, 1000kw/595m, 29-33-45/95-30-36. Granted & on the air.
Huntsville	7	KHXL-LD	Requests power increase to 3kw/155m.
Kerrville	11	KVHC-LD	Granted power reduction to 3kw/118m, 29-37-19/98-34-14.
Laredo	6	NEW-LPTV	Withdrawn, no longer interested.
Laredo	14	NEW-LPTV	Withdrawn, no longer interested.
Memphis	44	K44AK	License canceled Nov. 19 th .
Midland	12	K12XO	Requests power reduction to 100 watts/2m, 32-02-55/102-18-06; granted.
Midland	31	K31LL	Granted power increase to 15kw/133m.
Odessa	34	K34MX	Granted power reduction to 8kw/251m.
San Antonio	33	KSSJ-LD	OFF Oct. 28 th pending transmitter replacement.
Sweetwater	14	KAOM-LD	Granted power reduction to 100 watts/-6m, 32-29-31/100-10-11.
Sweetwater	35	KIDB-LD	OFF Sept. 10 th , unspecified "extensive damage".
Uvalde	24	K24OJ	Granted power increase to 7.5kw/63m, 29-39-24/99-30-33.
Utah			
Nephi	5	K05MX	Requests power reduction to 100 watts/-26m, 39-28-05/111-59-22. Granted.
St. George	17	K17JQ	License canceled Nov. 9 th .
Wendover	27	K27KM	OFF Aug. 1 st .
Veracruz			
Orizaba	19	XHTMVE	Permit granted for new station, 6kw/53m, 18-56-15/97-06-46.
Virginia			
Fairfax	6	WDCN-LD	Requests STA 3kw/189m, 38-52-28/77-13-24; 87.7 FM & ATSC 3.0. Granted "KBKF STA" with same conditions.
Washington			
Ellensburg (sic)	29	NEW-LPTV	Withdrawn, no longer interested.
Ellensburg	29	NEW-LPTV	Withdrawn, no longer interested.
Pasco	28	K28QK	From K39MC, 15kw/159m, 46-06-55/119-01-35; granted & on the

Location	RF Ch	Callsign	Notes
Seattle	12	NEW-LPTV	air.
Yakima	31	KGFZ-LD	Withdrawn, no longer interested. License canceled Nov. 1 st .
West Virginia			
Charleston	27	W27EF	Granted power reduction to 830 watts/66m; reduced.
Clarksburg	25	W25FR	Power change request withdrawn.
Clarksburg	25	W25FS	Power change request withdrawn.
Wisconsin			
Elk Mound	18	WBOO-LP	Moved from 45, 15kw/106m, 44-48-00/91-27-57. Relaying WKBT-8 La Crosse.
Green Bay	30	W30BU	OFF.
Minocqua	2	W02CF	OFF Aug. 1 st .
Tomah	35	WEZY-LP	Requests conversion to digital from analog ch. 51; granted & converted. Relaying WKBT-8 La Crosse.
Wyoming			
Casper	31	K31HT	OFF Aug. 1 st .
Cheyenne	36	K36JO	Power increased to 15kw/58m (KWYP-DT Laramie)
Cody	34	K34HZ	OFF Aug. 1 st .
Jackson	30	K30MY	Requests power reduction to 100 watts/274m, 43-27-40/110-45-12. Granted.

As always, thanks to Raymie Humbert for information from Mexico. (Other information, unless otherwise noted, comes from the FCC and Industry Canada.)

NEW TV STATIONS

The FCC expects to hold an auction for new *full-power* TV stations in June. An inquiry was opened in late November regarding procedures for this auction. 27 channels are involved.

As you may remember, when the digital conversion began, the Commission deleted all unused channel allocations. All channels in the Table of Allocations were occupied, either by an operating DTV station or a permit for a new DTV station.

Some of these new-station permits were never built. Some stations were operating but have since gone dark for economic or regulatory reasons. I see one channel in the table that was sold in the incentive auction. Earlier this year, Gray Television successfully petitioned for the addition of two more channels to the table; those channels also appear in this auction.

Here's the list:

Location	Chan.	Last authorized	Notes
AK Fairbanks	7	6.1kw/268m, 64-55-20/147-42-55	KFYF, operated 2/27/95-3/10/17. (mostly as KFXF) Programming moved to LPTV.
AZ Flagstaff	32	1000kw/340m, 34-58-06/111-30-29	KCFG, operated 12/20/00-9/6/11.

Location	Chan.	Last authorized	Notes
AZ Yuma	11	22.3kw/493m, 33-03-10/114-49-40	KSWT, operated 1/22/88-1/21/20. Programming moved to ch. 13 in call letter swap.
CA Eureka	17	30kw/550m, 40-43-39/123-58-17	KJRW, operated 4/1/58-5/29/19 as KVIQ. Programming moved to LPTV.
ID Idaho Falls	20		KMCV, never licensed.
ID Sun Valley	5	10.25kw/558m, 43-38-36/114-23-49	KIDA, operated 10/5/00-6/12/09 in analog. Never converted to DTV.
IL Freeport	9	30kw/305m is max for new high-VHF allotments in Zone I.	Gray TV petition, probably to replace WIFR-LD. Minimum bid \$500,000.
MN Alexandria	7	29kw/340m, 45-41-10/95-08-03	KCCO-TV, operated 10/8/58-12/30/17. Sold in incentive auction for approximately \$10,000,000. Minimum bid \$500,000.
MT Butte	24	330kw/570m, 46-00-24/112-26-30	KBTZ, operated 5/2/03-6/12/09 in analog. Never converted to DTV.
MT Great Falls	26	355kw/65m, 47-32-23/111-17-06	KLMN, operated 6/11/03-6/12/09 in analog. Never converted to DTV.
MT Havre	9	9kw/389m, 48-20-32/109-43-41	KBBJ, operated 1/2/01-1/25/08 in analog relaying KTVH.
NV Ely	27	300kw/327m, 39-15-58/114-54-05	KBNY, never licensed.
NV Tonopah	9	5.01kw/448m, 38-03-05/117-13-30	KBMO-TV, permit expired unbuilt in 2002.
NV Winnemucca	7	890w/650m, 41-00-41/117-45-59	KWNV, operated from unknown date (probably in 1997) to 7/1/08.
NM Carlsbad	19	15kw/330m, 32-47-38/104-12-29	KOCT, operated 8/24/56-7/18/12.
NM Silver City	10	3.2kw/485m, 32-51-46/108-14-28	KOVT, operated 9/9/87-7/18/12.
NM Silver City	12	6kw/502m, 32-51-49/108-14-27	KOBG-TV, operated from unspecified date in 2000 to 4/26/11. (? , no record of digital CP but could not have operated in analog past July 2009) Replaced by K12QW.
NY Syracuse	15	680kw/445m, 42-52-50/76-12-00 on ch. 44. Had CP for 15.	WNYS-TV, operated 10/26/89-1/14/20. Became subchannel of WSYT due to duopoly restrictions. Minimum bid \$1,000,000.
ND Grand Forks	27	11.1kw/56m, 47-57-45/97-03-12	KCPM, operated from unspecified date in 2003 until canceled in 2020. FCC believed KCPM had been off since 12/15/14. Minimum bid \$500,000.

Location	Chan.	Last authorized	Notes
SD Aberdeen	9	19.4kw/427m, 45-06-23/97-53-57	KABY-TV, operated 11/27/58-1/12/17. Tower dismantled after failing inspection.
UT Price	11	9.4kw/658m, 39-45-22/110-59-22 on ch. 3. Had CP for DTV 11.	KCBU, operated 10/24/03-6/12/09 in analog; never converted to DTV.
UT Vernal	16	1000kw/676m, 40-21-22/109-08-41	KBCJ, never licensed.
WA Walla Walla	9	316kw/436m, 45-59-23/118-10-31 Had CP for DTV.	KCWK, operated 3/23/01-5/25/08 in analog; never converted to DTV.
WI Eagle River	26	1000kw/365m is max for new UHF allotments in Zone II.	Gray TV petition, probably to relay WSAW Wausau.
WI Wittenberg	31	685kw/325m, 45-03-22/89-27-54	WFXS-DT, operated 12/1/99-7/1/15. Programming moved to LPTV. Minimum bid \$500,000.
WY Jackson	11	21.9kw/327m, 43-27-42/110-45-10	KBEO, operated 3/30/01-7/16/10. Had CP for DTV, facilities unclear but must have operated digital past July 2009.
WY Sheridan	7	9kw/349m, 44-37-20/107-06-57 Had CP for DTV.	KJCW, operated from unspecified date in April 2002 to 5/9/09 as satellite of KTVQ or KCWY, then carried JCTV.

Proposed minimum bids are \$200,000 unless otherwise noted.

The release didn't note the maximum permissible powers for these channels. One might assume it would be at least as much as the station previously authorized for that channel used, as long as that station operated in digital. In many cases it's likely a new station could use *more* power than the channel's previous tenant. The petitions to assign channels in Freeport and Eagle River have shown they are not limited by any other stations.

FRANKENFM REPORT

As you may remember from last month, "FrankenFMs" operating in ATSC 3.0 and analog FM simultaneously are required to submit 90-day and 180-day reports. I looked at WMTO-LD's 90-day report last month. Several others are in.

KXDP-LD, Denver:

KXDP installed an Anywave AG-DBUHD1000 Digital Box, connected to a Dell computer monitor, in a Ford F150. A Clearstream 2V antenna was used. It should be noted Clearstream does not specify this antenna as supporting low-VHF; the VHF element is only 35.5" long. For channel 6 it should be around 54". (and about 60" for channel 2)

The antenna was held just outside the passenger window of the truck. Five test sites were chosen, between 25 and 35 miles from the tower. The ATSC 3.0 digital video was received at all five sites; FM audio, received on the truck's built-in radio, was interference free at all sites.

WTBS-LD, Atlanta:

WTBS used a Sony Bravia X85J receiver. (at \$650 on BestBuy.com, this is an affordable way to get into ATSC 3.0. I cannot vouch for its DX properties(grin)) The antenna was a Clearstream 2MAX. The manufacturer claims VHF support without distinguishing between high-VHF and low-VHF. The VHF element is shorter than the 2V (31.5") so I would say low-VHF support would be limited.

As in Denver, the antenna was held outside the vehicle. Five points northeast of Atlanta were tested, between the transmitter site and Duluth, Ga.. Reception, both ATSC 3.0 TV and analog FM, was interference-free at all sites.

WRME-LD, Chicago:

WRME did not field test. They submitted theoretical coverage maps plotting the interference-protected service area of the ATSC 3.0 TV signal. (reaching out to Peotone to the south; Waukegan to the north; Elburn to the west; and Gary to the east). They also plotted what the protected service area of the analog FM signal would be if it were licensed as a radio station. (Tinley Park to the south, Highland Park to the north, Glen Ellyn to the west, and just barely into Indiana to the east)

WRME writes "Licensee is not aware of any requirement that a service provided on an ancillary or supplementary basis must reach the exact same populations as the primary video service. Cf. 47 C.F.R. § 73.624(c) (authorizing ancillary or supplementary services "on a broadcast, point-to-point or point-to-multipoint basis," which by definition may not reach the same population as the DTV signal)."

I am not a lawyer, but I am not convinced a LPTV station is authorized to carry an "ancillary" service by 73.624(c). Part 73 is the regulations for *full-power* stations. LPTVs are authorized under Part 74. Regulation 74.780 is a list of Part 73 regulations that also apply to low-power stations. 73.624 is *not in that list*. Arguably, 74.789 has superseded 74.780, providing a list of regulations elsewhere that apply to *digital* LPTVs. There is only one Part 73 regulation in this list, and it isn't 73.624.

KBKF-LD, San Jose:

KBKF used a Triveni Digital StreamScope. This is a professional signal analyzer. (the station I work for has a different model. ATSC 3.0 didn't exist when we bought ours, so it only supports ATSC 1.0.) Triveni provides a LowaSis LDA-1200 USB receiver for use with the ATSC 3.0 StreamScope. Don't ask me where to get one – I tried without success...

The antenna used was what hams would call a "halo". It's a folded dipole (an aluminum

tubing version of the “ribbon” antenna commonly supplied with home stereo receivers), bent into a circle. Quoting the report, “The claim that it is omnidirectional proved to be less than accurate.” The antenna was tied down to a cardboard box that was in turn lashed to the roof rack on a SUV. Really, it’s a bit comical to look at the photos – but it worked.

KBKF transmits from Loma Prieta, well to the south of the city. Reception was tested at nine sites up I-880 and I-680 between Hwy. 85 and Hwy. 237. Nothing is mentioned about FM audio reception, but I think you can assume it worked at all nine sites. ATSC 3.0 TV reception definitely worked at all sites. They did test several more distant sites where ground level reception was difficult. A few feet of elevation helped. (I doubt most DXers would be surprised)

KZNO-LD, Big Bear Lake, California (Los Angeles):

KZNO is owned by the same firm that runs Chicago’s WRME. The stations’ 90-day reports are nearly identical. This station, too, did not field test and claimed 73.624(c) doesn’t require a showing of equal radio and TV coverage.

Claimed theoretical TV coverage is from the Ventura County line to the west, to the San Diego County line to the east and into western Riverside and San Bernardino Counties. Theoretical FM coverage is from Topanga to El Toro.

FRANKENFM STATUS:

Station	Location	STA?	90-day report?
KBKF-LD	San Jose	Yes. Expires Dec. 9 th , extension filed.	Filed.
KEFM-LD	Sacramento	Yes.	No.
KRPE-LD	San Diego	Yes.	Not yet necessary.
KXDP-LD	Denver	Informal?#	Filed.
KZNO-LD	Big Bear Lake, California (Los Angeles)	Yes.	Filed.
WDCN-LD	Fairfax, Virginia	Yes.	No.
WEYS-LD	Miami	Yes.	No.
WMTO-LD	Norfolk, Virginia	Informal?#	Filed.
WRME-LD	Chicago	Yes.	Filed.
WTBS-LD	Atlanta	Informal?#	Filed.

There are no STAs appearing for these stations in the LMS database. However, all three have filed 90-day reports, and two of the three mention a letter from FCC staff requiring those reports.

THE MONTHLY DX ROUNDUP

December 2021 - Nick Langan, Tabernacle, NJ -
nickl@wtfda.org (717)685-9785

5 TROPO LOGS WE SALUTE

11/7: **WEAR-DT Pensacola, FL** (Steve Rich, Payson, IL @ 667 mi.)

11/8: **WLOX-DT Biloxi, MS** (Jim Thomas, Springfield, MO @ 514 mi.)

11/27: **106.5 KOVE Galveston, TX** (Chris Dunne, Pembroke Pines, FL @ 932 mi.)

11/27: **102.1 KYBG Basile, LA** (Allan Nosoff, Lake Worth, FL @ 785 mi.)

11/8: **92.9 WBLX Mobile, AL** (Josh, Mountain Home, AR @ 479 mi.)

If you have a suggestion for inclusion in the Monthly DX Roundup, please e-mail me at nickl@wtfda.org.

TV DX HIGHLIGHTS

The Steve Rich show continued in November, as his autologger site in Payson, IL observed good tropo toward the Gulf Coast on the 7th and 8th. Otherwise, tropo slowly retreated toward the south during the month as it is wont to do this time of year, with colder weather settling in.

Steve also decoded WTHC-LD 3/42 Atlanta, GA via E-Skip on the 25th. It is certainly possible that we see some E-Skip activity start to build as we head into December, albeit more of the novelty variety. Keep an eye on the dials.

FM DX HIGHLIGHTS

Josh in Mountain Home, AR, Fred Nordquist in Moncks Corner, SC, and Chris Dunne in Pembroke Pines, FL all checked in with some solid tropo logs at various points in the month with the Gulf of Mexico-fueled activity.

We also saw Dave Nieman in Bradford, PA log some morning meteor scatter catches, and that should only continue as the Geminids meteor shower, for my money the best shower of the calendar year as far as an association with FM Ms activity, peaks on the 14th of December.

LOOKING AHEAD

For us in the Northeast, any tropo this point forward in the cold season is of the fluke variety. The coastal tropo opening I was hoping for this Fall never occurred. The Midwest and Great Lakes, however, have a penchant for good December openings during “thaw” periods, and the first half of the month could feature conditions favorable for such.

FM Facility Changes

Abbreviations:

AF- New Station Applied For	NS-New Station Permit Granted	RA>Returns to the Air
Aux- Auxiliary Backup Transmitter	NW-New Station on the Air	ROA-Request of Applicant
CC- Call Change	PC-Power/Height Change Granted	XG-new site granted
CL-City of License	PG-Power Change Granted	XC-transmitter site changed
CX-Canceled	QG-Frequency Change Granted	PR/QR-Power or Freq requested

December 2021

ALAB Huntsville 97.3 W247AT PG>250w/162m, 34-44-13/86-31-59 (WWTM-1400 Decatur via Internet)	165m, 38-48-37/104-52-56 (KJME-890 Fountain)
ALAB Leeds 93.1 W226CT XC 99w/115m, 33-23-51/86-39-41 (WAYE-1220 Birmingham via Internet)	COLO Colorado Springs 95.7 K239CH OFF Oct. 8th, transmitter failure.
ALAB Tallassee 94.7 W234DL PG<250w/75m, 32-21-08/86-04-11 (WTLS-1300 via microwave)	COLO Laporte 99.9 KKPL PC<12kw/146m, 40-55-41/105-08-36; CL from Cheyenne, Wyo.
ALAB Tuscaloosa 103.1 W276DP NW 50w/122m, 33-17-42/87-40-06 (WJRD-1150 via W271AM)	COLO Wellington 94.3 KMAX-FM PC 12kw/146m
ALAS Crooked Creek 89.5 KSKC CC for NS	FLOAR Avon Park 107.5 W298BU OFF Nov. 24th, lost site.
ALAS Crooked Creek 89.5 KSKC CC for NS	FLOAR Bithlo 92.7 W224DY NW 3w/19m, 28-33-32/81-26-56 (WNTF-1580)
ALAS Kodiak 89.9 K210CF PC>19w/287m, 57-47-20/152-26-02 (KLOV-89.3 Winchester, Ore. via satellite)	FLOAR Chattahoochee 100.1 W261DU NW 250w/ 52m, 30-40-15/84-50-08 (WJXO-1580 OTA)
ALAS Sleetmute 89.5 KSKP CC for NS	FLOAR Daytona Beach 99.9 W260DO NW 250w/181m, 29-10-25/81-09-25 (WNDB-1150 OTA)
ALAS Sleetmute 89.5 KSKP CC for NS	FLOAR Orange Park 92.7 W224EF NW 250w/130m, 30-04-23/81-47-26 (WJNJ-1320 Jacksonville via Internet)
ARIZ Kearny 105.1 NEW-762492 NS 800w/ 273m, 33-04-10/111-03-15 (Estrella Broadcasting)	FLOAR Pensacola 104.9 W285FY PG 80w/142m, 30-36-18/87-21-38 (WCOA-1370 via Internet)
ARIZ Morristown 99.5 KRPH OFF Oct. 23rd, transmitter failure.	FLOAR Port St. Joe 101.9 WVWQ OFF Aug. 29th pending sale.
ARIZ Salome 106.5 NEW-762493 NS 100w/- 29m, 33-46-24/113-35-39 (Estrella Broadcasting)	FLOAR Tallahassee 100.3 W262CC OFF Oct. 8th pending programming changes.
ARIZ Sedona 106.5 K293DA PG 1w/-114m, 34-51-40/111-49-11 (KAZM-780 studio feed)	FLOAR Tavernier 96.9 WKEZ-FM XC 25kw/68m, 25-01-40/80-30-27
ARIZ Tucson 105.7 K289CV QG from K265CW-100.9, 99w/595m, 32-14-57/111-07-00 (KKYZ-101.7 Catalina Foothills via Internet)	GEOR Albany 92.7 WASU-LP OFF July 28th, lightning damage "to the antenna in the feedline to the
ARIZ Tusayan 92.3 NEW-762488 NS 700w/ 61m, 35-56-43/112-10-19 (Estrella Broadcasting)	GEOR Alma 99.1 W256DS NW 250w/114m, 31-36-27/82-32-45 (WAWO-1400 via W261BR)
ARIZ Window Rock 96.7 K244FY NW 250w/ 111m, 35-39-19/109-02-01 (KHAC-880 Tse Bonito, N.M.)	GEOR Alma 99.1 W256DS NW 250w-V/111m, 31-36-27/82-32-45 (WAWO-1400 via W261BR)
ARIZ Yuma 100.3 K262DI PG<50w/24m, 32-40-33/114-37-41 (KBLU-560 studio feed)	GEOR Alma 99.1 W256DS PG> 250w/ 111m (WAWO-1400 via W261BR)
ARKA Ferndale 96.1 K241AP PG> 99w/ 287m (KWLR-96.9 Bigelow OTA)	GEOR Augusta 104.7 W284DJ NW 250w/ 86m, 33-13-07/82-02-31 (WKZK-1600 North Augusta, S.C.)
ARKA Mena 94.9 K235DB QG from K232AV-94.3, 250w-V/35m, 34-35-35/94-14-30 (KAWX-LP 93.1 OTA)	GEOR Columbus 96.1 WBUE-LP OFF Aug. 17th, lost site.
CALI Big Bear City 88.7 KFHM OFF Aug. 10th, lost site.	GEOR Pembroke 99.3 NEW-762433 NS 100kw/ 88m, 32-05-16/81-50-42 (Nelson Rodriguez)
CALI Coalinga 97.3 NEW-762216 NS 6kw/- 124m, 36-07-46/120-22-16 (Nelson Gomez)	GEOR Reynolds 96.9 WFVS-FM OFF Aug. 17th, exciter malfunction.
CALI Concord 89.3 K207EP OFF Aug. 28th, reason unknown.	ILLI Abingdon 106.1 NEW-762412 NS 5.3kw/ 107m, 40-56-34/90-20-39 (Galesburg Broadcasting Co.)
CALI Earlimart 93.5 NEW-762399 NS 2kw/ 176m, 35-58-46/118-57-20 (Tracy K. Wood)	ILLI Freeport 104.3 W282CT NW 250w/ 54m, 42-18-46/89-35-36 (WFRL-1570 studio feed)
CALI Ludlow 100.1 NEW-762529 NS 6.5kw/ 84m, 34-42-34/116-09-05 (William R. Lynett)	ILLI Highland Park 103.1 WPNA-FM PC<6kw/90m, 42-02-50/87-40-50
CALI Napa 96.9 K245DK PG< 12w-H/- 102m, 38-15-51/122-16-54 (KVON-1440 via microwave)	ILLI Macomb 89.7 WHPA PG>4kw/52m, 40-26-58/90-42-25
CALI San Francisco 96.1 KUSF-LP CC from KPEA-LP	ILLI Rockford 103.5 W278DE PG 250w/51m, 42-15-59/89-04-23 (WILV-91.1 Loves Park OTA)
CALI Vacaville 103.1 K276EK PG 20w/211m, 38-19-09/121-59-35 (KLVS-107.3 Livermore OTA)	ILLI Rockford 96.1 W241DF PG 250w/66m, 42-16-45/89-02-15
COLO Colorado Springs 101.5 K268DV QG from 106.7, 200w/-	

(WROK-1440 studio feed)
 INDI Morgantown 90.9 WBKC CC from WCJL
 INDI Seeleyville 95.9 WVIG OFF Oct. 1st, replacing transmitter building.
 INDI Terre Haute 99.9 WTHI-FM PG 38kw/173m, 39-20-13/87-27-59 CX
 IOWA Dunkerton 103.9 NEW-762516 NS 6kw/ 100m, 42-42-24/92-13-04 (VCY America)
 IOWA Rockford 92.9 NEW-762523 NS 6kw/ 68m, 43-06-45/92-55-47 (VCY America)
 IOWA Stanton 88.7 KFOM PG<100w/39m, 40-56-49/95-03-41; PC
 KANS Dodge City 89.1 KSRP PG>12kw/67m, 37-47-56/100-10-51
 KANS Newton 92.3 KKGQ PC> 100kw/ 195m
 KANS Salina 106.7 K294DI NW 250w/36m, 38-50-30/97-36-35 (KSAL-1150 via Internet)
 KANS Ulysses 97.7 K249FI NW 250w/34m, 37-32-53/101-21-51 (KULY-1420 via Internet)
 KENT Drakesboro 103.9 WRFM CC from WPDQ
 KENT Garrison 98.3 WZGR CC from WFHT
 KENT Garrison 98.3 WZGR CC from WFHT
 KENT Henderson 107.9 W300ED NW 250w/209, 37-51-11/87-32-12 (WSON-860 studio feed)
 KENT Madisonville 93.1 W226CV PG 250w/66m, 37-21-47/87-30-56 (WKMD-90.9 studio feed)
 KENT Owensboro 98.3 W252CW PC 55w/ 52m, 37-45-43/87-06-33; CL from Rockport, Ind. (WBF1-91.5
 KENT Richmond 93.7 W229CP PC>250w/77m, 37-45-02/84-12-22 (WCBR-1110 studio feed)
 KENT Richmond 98.7 WMKK-LP QC from 99.5, 24w/60m, 37-45-02/84-12-22
 KENT Scottsville 91.3 WPDQ CC from WNTC-FM
 LOUI Crowley 95.1 K236CW PG>250w/105m, 30-19-34/92-21-20 (KSIQ-1450 via microwave)
 LOUI Lafayette 103.3 K277DQ NW 250w/ 31m, 30-13-30/92-03-31 (KPEL-1420 studio feed)
 LOUI Oak Grove 104.1 KLCJ OFF Nov. 1st, studio-transmitter link tower damaged & dismantled.
 MARY Baltimore 106.9 W295BX PC< 25w/ 44m (WFSI-860 studio feed)
 MASS Greenfield 98.3 WHAI PC 2.4kw/111m
 MASS Orange 97.3 NEW-762508 NS 5.8kw/ 25m, 42-36-03/72-22-59
 MASS Turners Falls 93.9 WRSI PC>4.9kw/111m, 42-34-15/72-38-41
 MASS Wellfleet 90.1 WRYP OFF Oct. 27th, antenna system damaged by high winds.
 MASS Worcester 106.1 WSRG-LP License canceled Oct. 28th.
 MICH East Lansing 102.3 W272EM NW 100w/172m, 42-42-07/84-24-48 (WKAR-870 via microwave)
 MICH Harrisville 97.9 WXTF-LP OFF Oct. 31st, lost site.
 MICH Houghton 96.3 NEW-762384 NS 100kw/ 226m, 47-02-11/88-41-43 (Houghton Community Broadcasting
 MICH Iron Mountain 105.9 W290CO PC 13w-V/ 63m, 45-48-50/88-03-06 (WMVM-90.7 Goodman, Wis. OTA)
 MICH Iron Mountain 105.9 W290CO PG>13w-V/63m, 45-48-50/88-03-06 (WMVM-90.7 Goodman, Wis. OTA)
 MINN Grand Marais 91.9 K220BI PG<23w/116m (KLBF-89.1 Lincoln, N. Dak. via satellite)
 MINN Grand Rapids 91.7 KAXE PC> 100kw/ 205m

MISSI New Albany 101.5 NEW-762447 NS 6kw/ 78m, 34-28-04/89-07-10 (Kennedy Broadcasting)
 MISSO Maryville 104.9 NEW-762475 NS 10.5kw/ 152m, 40-24-09/94-53-17 (Eagle Communications)
 MISSO Salem 95.7 K239CU PG< 250w/ 47m, 37-37-32/91-32-05 (KSMO-1340 studio feed)
 MISSO St. Louis 105.3 K287BY PG>99w/211m, 38-32-07/90-22-23 (KXFN-1380 via microwave)
 MISSO St. Louis 92.7 K224FT PC> 5w-V/ 26m (KFUO-850 Clayton)
 MISSO St. Louis 93.3 K227DS NW 25w/159m, 38-36-47/90-20-09 (KATZ-1600 via Internet)
 MISSO St. Louis 93.3 K227DS PG< 25w/ 159m, 38-36-47/90-20-09 (KATZ-1600)
 MISSO St. Louis 95.1 K236CS PG>99w/207m, 38-32-07/90-22-23 (WSDZ-1260 Belleville, Ill. via microwave)
 MONT Billings 103.3 K277DS NW 99w/ 107m, 45-45-59/108-27-21 (KBUL-970 via Internet)
 MONT Philipsburg 105.5 K288AW PG>200w/-289m, 46-20-12/113-19-28 (KOPR-94.1 Butte OTA)
 NEBR Bayard 95.9 NEW-762339 NS 250w/- 4m, 41-46-11/103-19-23 (Flood Communications West)
 NEBR Hastings 88.1 KCNT PG<1.2kw/56m, 40-34-43/98-19-51
 NEVA Dayton 100.1 KWEE CC from KTHX-FM
 NEVA Sun Valley 94.5 KTHX-FM CC from KUUB
 NEWH Claremont 99.7 WNTK-FM1 License canceled Nov. 4th.
 NEWJ Asbury Park 96.7 W244EE PG<50w/150m, 40-13-45/74-05-25 (WADB-1310 via microwave)
 NEWJ Brigantine 90.5 WWFP PG 730w/114m, 39-21-27/74-25-36
 NEWJ Kearney 95.9 WNJI-LP OFF Aug. 30th, lost site.
 NEWM Alamogordo 101.9 K270CS NW 250w/- 223m, 32-53-32/105-56-44 (KRSY-1230 studio feed)
 NEWM Belen 97.7 KLVO NS 6.1 watts/1248m, 35-12-52/106-27-03 (aux)
 NEWM Gallup 97.1 K246CY NW 250w/-52m, 35-31-44/108-44-16 (KGAK-1330 studio feed)
 NEWM Grants 91.1 KEZF QG from 88.7, 1kw/824m, 35-15-10/107-35-48
 NEWM Skyline-Ganipa 95.9 NEW-762441 NS 360w/ 400m, 35-11-18/107-35-56 (Don Davis)
 NEWY Ballston Spa 97.1 W246DS PC<250w/-8m, 42-58-06/73-50-19 (WPTR-1240 Schenectady via Internet)
 NEWY Brockport 103.1 W293DT QC from 106.5, 250w/74m (WRSB-1590 OTA)
 NEWY Chateaugay 94.7 WQLR CC from WYUL
 NEWY Clifton Park 96.7 WMHH OFF Oct. 25th due to transmission line damage. Returned to air in early November at reduced power of 2.5kw.
 NEWY Clifton Park 96.7 WMHH OFF Oct. 25th, equipment failure.
 NEWY Ithaca 107.1 W296CP PG> 250w/ 121m, 42-26-30/76-34-39 (WPIE-1160 Trumansburg via microwave)
 NEWY Lowville 99.3 WLLG PG 2.25kw/165m
 NEWY Malone 96.5 WMWA CC from WVNV
 NEWY Narrowsburg 102.9 NEW-762176 NS 2.1kw/ 127m, 41-34-45/75-10-41 (Bold Gold Media Group)
 NEWY Newburgh 100.1 W261DY PC<5w-V/-67m (WWLE-1170 Cornwall)
 NEWY Potsdam 100.1 W261CJ PG< 99w-V/- 5m, 44-40-17/74-59-07 (WPDM-1470 studio feed)
 NEWY Potsdam 99.3 WSNN PG<2.8kw/149m

NEWY Queens 101.5 W268BY PG>99w/214m, 40-46-02/73-57-40 (WVIP-93.5 New Rochelle OTA)
 NEWY Riverhead 104.9 W285FX NW 250w/139m, 40-50-32/73-02-23 (WFTU-1570 OTA)
 NEWY Rochester W241DG 96.1 NW 99w/119m, 43-08-06/77-35-06 (WHAM-1180 via Internet)
 NEWY Sagaponack 94.5 NEW-762407 NS 5.3kw/106m, 40-58-19/72-20-53 (Bark Out Loud Dogs Media)
 NEWY Shelter Island 103.3 NEW-762486 NS 4.9kw/111m, 40-56-05/72-23-12 (Educational Media Foundation)
 NEWY Syracuse 91.3 WCNY-FM PC 8.3kw/334m, 42-56-42/76-07-06
 NEWY Wellsville 101.3 W267DF QC from W269EA-101.7, 250w/2m (WPIG-95.7 Olean OTA)
 NORTH Franklin 91.3 WFQS PG>600w/673m
 NORTH Jacksonville 95.9 W240DX NW 10w-V/11m, 34-47-42/77-29-25 (WSRP-910 studio feed)
 NORTH Jacksonville 95.9 W240DX PG< 10w-V/ 11m, 34-47-42/77-29-25 (WSRP-910 studio feed)
 NORTH Red Springs 98.5 W253DC NW 250w/242m, 34-53-06/79-04-28 (WYDU-1160 via Internet)
 NORTH Semora 106.7 WKVK XC 50kw/150m, 36-25-10/79-11-49
 OHIO Cincinnati 95.3 W237FL NW 2w/-25m, 39-06-08/84-31-30 (WDJO-1480 studio feed)
 OHIO Delhi Township 98.1 WDTZ-LP PC 32w/52m, 39-05-20/84-36-15
 OHIO Warren 97.7 W249EE NW 35w/151m, 41-03-24/80-38-43 (WHTX-1570)
 OKLA Altus 93.5 KPRO CC from KHHW-FM
 OKLA Ardmore 88.9 K205FI PC<170w/81m, 34-09-54/97-10-31 (KLOV-89.3 Winchester, Ore. via satellite)
 ONTA Longlac 107.1 CFNO-FM-5 PG>125w/2m
 ONTA Nakina 107.1 CFNO-FM-7 PG>110w/14m
 OREG Albany 96.9 K245DI XG 250w-H/141m, 44-39-16/123-00-57 (KWIL-790 via microwave)
 OREG Brookings 100.7 KCIW-LP OFF Nov. 1st, reason not given.
 OREG Brookings 100.7 KCIW-LP PG< 100w/- 55m, 42-03-02/124-16-51
 OREG Corvallis 93.7 K229DI NW 14w/6m, 44-35-38/123-13-34 (KEJO-1240 studio feed)
 OREG Corvallis 96.5 K243CW NW 10w/9m, 44-35-38/123-13-34 (KLOO-1340 studio feed)
 OREG Glendale 91.3 KDXA CC from KUSF
 OREG Nehalem 91.7 K219KU OFF Oct. 1st, lost site.
 OREG Portland 97.5 K248DD PG< 155w/ 279m (KBMS-1480 Vancouver, Wash. via Internet)
 OREG Weston 101.9 KNHK-FM CC from KZIU-FM
 PENN Clintonville 88.7 WCGT PG>3kw/141m, 41-19-08/79-56-58
 PENN Forest City 100.1 WQFN CC back from WEJL-FM
 PENN Hazleton 95.5 NEW-761796 PA Class A, 100w/ 74m, 40-57-17/75-58-33 (Hola Radio 100.5)
 PENN Montoursville 105.7 W289CV PC>250w/377m, 41-13-05/76-57-26 (WILQ-105.1 Williamsport OTA)
 PENN South Williamsport 99.3 WZXR NS 20w/ 384m, 41-13-05/76-57-26 (aux)
 PENN West Grove 91.7 WZWG OFF Oct. 28th, equipment malfunction.
 PENN Williamsport 107.1 W296AP PG>10w/327m, 41-12-39/76-57-16 (WCRG-90.7 OTA)
 PENN Williamsport 93.7 W229DM NW 250w/382m, 41-12-32/76-

57-30 (WEJS-1600 Jersey Shore via Internet)
 PUER Barranquitas 98.5 W253DB NW 22w/ 127m, 18-10-54/66-18-23 (WOLA-1380 studio feed)
 PUER Bayamon 96.1 W241DE NW 250w-H/- 38m, 18-21-30/66-09-30 (WCMA-1600 via microwave)
 PUER Mayaguez 99.9 W260DR PC< 10w/- 53m, 18-14-58/67-09-40 (WORA-760 studio feed)
 PUER Ponce 95.5 W238DH NW 250w-V/ 427m, 17-58-52/66-36-49 (WPRP-910 studio feed)
 PUER San Juan 104.7 WKAQ-FM NW 50kw/ 323m, 18-16-47/66-06-45 (aux)
 RHOD Coventry 95.1 WWRI-LP OFF Nov. 11th, signal issues.
 SOUTH Myrtle Beach 102.3 W272CV PG> 250w/ 71m (WMIR-1200 Atlantic Beach OTA)
 SOUTH Myrtle Beach 98.9 W255BZ PG> 150w/ 71m (WNMB-900 North Myrtle Beach OTA)
 SOUTH Orangeburg 95.7 WQKI-FM QC from 102.9, 4kw/123m, 33-26-36/80-48-15
 SOUTH Hot Springs 98.3 K252GD NW 250w/ 13m, 43-27-24/103-28-36 (KZMX-580)
 SOUTH Hot Springs 98.3 K252GD NW 250w/13m, 43-27-24/103-28-36 (KZMX-580)
 SOUTH Spearfish 103.5 K278AM PG>250w/292m, 44-19-35/103-50-08 (KDSJ-980 Deadwood via Internet)
 TENN Brentwood 92.5 W223BV PG> 250w/ 342m; PC (WLVU-97.1 Belle Meade OTA)
 TENN Chattanooga 96.9 WVMG-LP QC from 101.1, 1w/365m
 TENN Estill Springs 95.3 W237DT QC from 95.1, 250w/-50m, 35-16-55/86-08-23 (WZYX-1440 Cowan via Internet)
 TENN Estill Springs 95.3 W237DT XG 250w/-50m, 35-16-55/86-08-23 (WZYX-1440 Cowan via Internet)
 TENN La Follette 93.9 W230DC PC<25w-V/22m, 36-07-21/84-01-13 (WLAJ-1450 via W265BQ)
 TENN Madisonville 105.9 W290DS NW 250w/315m.8, 35-30-29/84-22-45 (WRKQ-1250 studio feed)
 TEXA Bowie 92.3 K222AW OFF Oct. 28th, primary station operating at reduced power & translator can't receive it.
 TEXA Breckenridge 90.7 K214CG OFF Oct. 21st, tower collapsed.
 TEXA Dallas 106.9 K295DA NW 250w/ 74m, 32-46-44/96-43-52 (KGGR-1040 studio feed)
 TEXA Fort Worth 95.3 K237HD PG> 250w/ 278m, 32-45-01/97-16-08 (KHVN-970 via Internet)
 TEXA Hale Center 95.1 NEW-762500 NS 100kw/ 57m, 34-13-16/101-41-36 (Juan C. Matos Barreto)
 TEXA Hebronville 98.7 KOTX PG>24kw/102m, 27-34-00/98-42-54
 TEXA Hico 107.7 KCBN OFF Aug. 2nd, antenna damaged and tower unsafe for work.
 TEXA Houston 99.5 K258DA PG> 50w-H/ 302m, 29-45-30/95-22-05 (KTBZ-FM 94.5 via Internet)
 TEXA Mount Vernon 106.7 KZPZ-LP License canceled Nov. 9th
 TEXA Mullin 103.3 NEW-762409 NS 6kw/ 76m, 31-34-51/98-40-34 (Bradley Goehl)
 TEXA Olney 104.3 KBVP PG 25kw/91m, 33-25-17/98-43-46
 TEXA Pampa 95.9 K240FE QC from K241AT-96.1, 75w/127m, 35-31-03/100-58-07 (KXNZ-98.9 Wheeler OTA)
 TEXA Sanger 104.1 NEW-762217 NS 6.2kw/ 192m, 33-28-48/97-03-24 (Radio Brands)
 TEXA San Isidro 97.3 NEW-762452 NS 6kw/ 65m, 26-42-04/98-

31-06 (Xavier Entertainment)
 TEXA Sealy 90.7 KQLC PG>7.2kw/136m
 TEXA Temple 94.3 K232FU NW 250w/100m, 31-04-02/97-23-58
 (KTEM-1400 via microwave)
 TEXA Winnsboro 94.7 KPLP-LP License canceled Nov. 9th
 UTAH Monticello 105.1 K286CZ QC from K285AN (KRSJ-100.5
 Durango, Colo. OTA)
 UTAH Monticello 105.5 K288AZ OFF Oct. 20th, license expired by
 mistake.
 UTAH Paragonah 99.5 NEW-762385 NS 1.25kw/ 221m, 37-50-
 31/112-58-30 (M. Kent Frandsen)
 VERM Brandon 101.5 WEXP OFF July 8th, transmitter failure.
 VERM Middlebury 101.1 W266CU OFF Aug. 13th, primary WFAD
 (AM) is off
 VERM South Bennington 97.9 W250CZ PG 120w/ 2m, 42-56-
 53/73-10-32 (WBTN-FM 94.3 OTA)
 VERM West Rutland 107.5 NEW-762173 NS 450w/ 363m, 43-39-
 32/73-06-24 (Vt. Public Co.)
 VIRG Charlottesville 107.1 W296EM PG 250w/ 309m, 37-59-
 06/78-28-47 (WVAX-1450 via microwave)
 WASH Newport 104.5 KZIU-FM CC from KNHK-FM
 WASH Richland 100.5 K263BJ OFF July 28th, moving primary
 station KZIZ.

WASH Selah 102.5 K273DK NW 99w/186m, 46-31-54/120-27-18
 (KTCR-980 Selah via Internet)
 WASH Yakima 101.3 K267CV NW 250w/253m, 46-31-58/120-30-
 18 (KIT-1280 via microwave)
 WASH Yakima 101.7 K269HF NW 99w-V/-115m, 46-34-13/120-
 27-22 (KBBO-126m0 studio feed)
 WISC Amery 107.3 W297CU OFF Nov. 11th, primary station
 WXCE is off.
 WISC Ashland 94.3 WWMD-LP QC from 95.3, 100w/-2m
 WISC Baraboo 98.5 W253DH PG 210w/ 378m, 43-25-40/89-39-
 14 (WDSL-900 Wisconsin Dells via Internet)
 WISC DeForest 96.9 W245DQ PG 250w/ 31m, 43-15-23/89-20-28
 (WPDR-1350 Portage via microwave)
 WYOM Cheyenne 90.3 KWYC OFF Nov. 6th, transmitter failure.
 WYOM Chugwater 90.9 KLWV PC< 100kw/ 329m, 41-18-36/105-
 27-19
 WYOM Gillette 106.7 K294BD OFF Oct. 11th pending completion
 of KLED-HD2, the primary station.
 WYOM Gillette 107.5 K298CT PG< 250w/ 134m (KIML-1270 via
 Internet)

ANARC Club Tribute Program

TexasRadio Shortwave's Tribute to Surviving ANARC Radio Clubs

On December 5 at 0100 UTC (8:00 p.m. ET), WRMI broadcasts TRSW's tribute to the eight surviving former members of ANARC. The program airs on 5950 kHz and should be audible over most of North America.

The program consists of radio-themed songs and brief introductions of each club. If there are any errors in the information presented, you can take it up with Cap'n Ric, who doesn't like being corrected -- especially if the mistakes are harmless.

Second Mate Susan's designed a special eQSL that we'll send to listeners who email a correct, detailed reception report covering at least 20 minutes of the broadcast to texasradiosw@gmail.com.

A detailed report will include:

1. The times and approximate text of announcements and IDs.
2. Song titles and the time we played them.
3. A signal quality report (SIO or SINPO).
4. Comments on the programming.

This last item is the one that prevents some listeners from receiving an eQSL. TRSW spends considerable time producing programs, and the comments we receive are how we improve what we program.

FM Slogans and Formats

December 2021

Data taken From Radiolnsight, StationIntel, listener reports and other internet sites

Keith McGinnis

State	Calls	Freq	Location	Comment
AZ	K300CL	107.9	Show Low	From "Country" to "Classic Rock" - "K Bear" to "107.9 The Eagle"
CA	K265FH	100.9	Cathedral City	From Religious programming to Oldies - "Pure Radio" to "Studio 100.9"
FL	WRAZ	106.3	Leisure City	Is now "Salsa 106.3" Tropical format
IA	KTIA	99.3	Huxley	From "The Truth" to "Christian Information Radio" New calls KVDI pending
IL	WRVY	100.5	Henry	From "Today's Hot Country" to "100.5 FM WRVY"
LA	KTLN	90.5	Thibodaux	From News/Talk to Classical - "Classical 104.9" (a simulcast of K285FF)
MI	WLNZ	89.7	Lansing	From Adult Alternative to News/Talk "Michigan Radio"
NJ	WXBK	94.7	Newark	WNSH (Country) to WXBK Classic Hip-Hop "94.7 The Block"
NJ	W225DJ	92.9	Burlington	Tropical to Spanish AC "Rtmo 92.9" to "Amor 92.9"
NY	WDVI	100.5	Rochester	AC to Country "Country 100.5"
NY	WKBR-LP	102.3	Highlands	Has been off the air for a while per Karl Zuk
OH	W268CM	101.5	Cincinnati	Becomes Regional Mexican "La Grande 101.5"
OH	W211BT	90.1	Athens	Contemporary Christian to AAA "RADIOU" to "THE SUMMIT"
PA	WNUU	92.7	Starview	Becomes "NU 92.7" York's New Music Station
PA	W293DF	106.5	Bedford	Is now known as "Rax 106.5"
PA	WQFN	100.1	Forest City	Call changed from WEJL to WQFN - From ESPN Sports to Hot AC - Simulcast of WQFM 92.1
PA	WBHD	95.7	Olyphant	From "BHT 97.1 / 95.7" to "Hot 97.1 / 95.7"
PA	WBHT	97.1	Mountain Top	From "BHT 97.1 / 95.7" to "Hot 97.1 / 95.7"
RI	WELH	88.1	Providence	NPR to Rock "Cutting Edge Classics"
SD	KPLO	94.5	Reliance	From "94 Country" to "KPLO 94.5 /100.5 Everything Country"
SD	K263AW	100.5	Pierre	From "94 Country" to "KPLO 94.5 /100.5 Everything Country"
TX	KHVU	91.7	Houston	Christian CHR to Spanish Christian AC "NGEN Radio" to "Vida Unida"
TX	KVUD	89.5	Bay City	Christian CHR to Spanish Christian AC "NGEN Radio" to "Vida Unida"
TX	K217GB	91.3	Houston	Christian CHR to Spanish Christian AC "NGEN Radio" to "Vida Unida"
TX	KVUJ	91.1	Lake Jackson	Christian CHR to Spanish Christian AC "NGEN Radio" to "Vida Unida"
TX	K226AE	93.1	College Station	Christian CHR to Spanish Christian AC "NGEN Radio" to "Vida Unida"
TX	KHOS	92.1	Sonora	Is now known as "Today's Traditional Country"
UT	KQMB	96.7	Levan	From Soft AC to Oldies - "KOSY 96.7" to "96.7 FM & 1580 AM Utah's Goat"
WA	K264CU	100.7	Kelso	News/Sports to Classic Hits (with AM News Block) "Your Hometown Station" to "100.7"

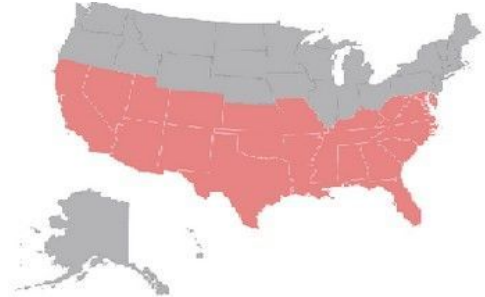


Southern FM DX

John Zondlo – 4009 Driftwood Circle – Yukon, OK
73099

southernfmdx@wtfd.org – Deadline: 25th
December 2021

For DXers in.....



.....and Mexico

Eric Bueneman – N0UIH – 631 Coachway Lane – Hazelwood, MO 63042-1347

Equipment: Kenwood AR-304 AM/FM/FM Stereo receiver, Channel Master CM-3020 VHF/UHF/FM yagi @ 28' (8.5 meters) above ground level, Uniden Bearcat BCD996P2 analog/digital scanner, Diamond A144S5 five element beam modified for the NOAA weather radio band @ 30' (9.1 meters) above ground level. All times CDT, all distances in miles/kilometers.

8/1 Tr

- 0220 KATI 94.3 MO California, "94-3 Kat Country," country music, W232CR nulled 120/193
- 0236 KZVV 101.0 MO Eldon, "101-9 The Wave," local ads, hot AC, K270BW nulled 140/225
- 0358 WBMV 89.7 IL Mount Vernon, "Faith, Hope, Family, WBGL," multi-station legal ID, CCM, KGNX nulled 85/137
- 0415 WITZ 104.7 IN Jasper, call letters, hot AC 190/306
- 0513 WOKZ 105.9 IL Fairfield, "105-9 WOKZ," country music 110/177

8/12 Tr

- 0129 WGKC 105.9 IL Mahomet, "US 105.9," local ads, country music 145/233
- 0137 WCZQ 105.5 IL Monticello, "Hot 105.5," urban contemporary music 130/209
- 0144 WBNQ 101.5 IL Bloomington, "101.5 BNQ," local ads, CHR, legal ID 140/225
- 0150 WHMS 97.5 IL Champaign, "Light Rock 97.5," AC, KWAP-LP nulled 150/240

8/13 Tr

- 0109 KMZU 100.7 MO Carrollton, "100.7 KMZU," country music, over KFNS 210/338
- 0113 KMCR 103.9 MO Montgomery City, "103.9 KMCR," adult contemporary music 65/105
- 0150 KZZT 105.5 MO Moberly, "KZ-105," classic hits 115/184

8/23 Tr

- 0008 KEC60 162.4 WI Milwaukee, weather forecast, conditions for various WI and Midwest cities 320/515
- 0124 WXL64 162.4 IA Dubuque, legal ID, CDT time check, weather forecast 280/451
- 0216 KATF 92.9 IA Dubuque, "92-9 Kat FM," adult contemporary music 280/451
- 0301 WPIA 98.5 IL Eureka, legal ID, CHR, KTJJ nulled 145/233
- 2105 WSWT 106.9 IL Peoria, "Mix 106.9," *Delilah* 140/225
- 2109 Decatur IL 93.1, 95.1\$, 102.9\$ 110/177
- 2115 WDKR 107.3 IL Maroa, "Classic Hits 107.3 FM," Crimestoppers PSA, local ads, classic hits 115/184

9/3 Tr

- 2025 WXET 97.7 IL West Frankfort, "US 97.7," Cardinals baseball, local ads, over KQBS 100/161
- 2055 KIH45 162.4 KY Bowling Green, weather forecast for Bowling Green, weather conditions for various KY/IN/TN cities 220/354
- 2101 WDNL 102.1 IL Danville, "D-102," legal ID, hot AC 175/282
- 2106 WDZQ 95.1 IL Decatur, "95-Q," Cardinals baseball, local ads 110/177
- 2123 WXX72 162.4 IN Putnamville, legal ID, weather forecast for Terre Haute 190/306

9/12 Tr
 2343 WJLT 105.3 IN Evansville, "My 105-3," '80s hits, over WAOX 165/266
 2351 WITZ 104.7 IN Jasper, call letters, hot AC, high school football promo 190/306
 9/13 Tr
 0104 KECC77 162.4 MO St. Joseph, weather conditions for MO/KS/NE, legal ID, CDT time check, weather forecast for St. Joseph 255/410
 0125 WXJ52 162.475 AR Fayetteville, legal ID, CDT time check 280/451
 10/27 Tr
 0043 WMC 99.7 TN Memphis, "FM 100," local ads, hot AC 250/402
 0055 WLIE 102.1 KY Mayfield, "Willie 102," classic country music 170/224
 0101 WSYE 93.3 MS Houston, legal ID, hot AC 340/547
 0118 WXK49 162.475 TN Memphis, weather forecast, hazardous weather outlook, legal ID 250/402
 0215 KIH20 162.40 AL Huntsville, legal ID, southeast weather conditions, forecast for Huntsville 345/555
 0228 WTUG 92.9 AL Northport, "92.9 WTUG, all about the hits," urban AC 410/660
 0235 KIH51 162.465 MS Ackerman, southeast weather conditions, weather forecast 385/620
 0357 WKNP 90.1 TN Jackson, "The WKNO stations," classical music, multi-stn legal ID at 0400 235/378

Tropo conditions were still going on several days in August and September; most logs were in the sub-200-mile range. I did run across a few NOAA Weather Radio stations over 200 miles from the shack, along with a pair of FM stations. The opening of October 27 was a result of a low-pressure weather system south of Saint Louis, allowing me to pull in several signals from AL, KY, MS and TN. The FM logbook still stands at 1,355, with 137 stations in the NOAA Weather Radio logbook. 73 and good DX from the Florissant Valley Dial Twister.

"Hey guys Santa listens to Santa 97, your 24/7 All Hit Santa Station. Keep it here on Santa FM..."

I can't wait 'till January!

"...And Now on ChristmasClassic FM, the Neon Philharmonic Orchester plays Jingle Bell Rock in G major..."

"...Country superstar Rod Breezly with his #1 hit Christmas Down by the Still on 106.7 K-Klaus FM..."



SIGN UP & Renewal Form

YEARLY DUES \$10.00 USD for Monthly VUD E-ZINE

Print this form and send it with your dues.

Name _____

Address _____ Apt # _____

City _____ State/Prov _____ Zip _____

Country _____ Interests: TV () FM () 30-50 () Weather ()

E-Mail Address _____

Sign me up/renew me for: 1 year () 2 years () More () _____

Mail your yearly dues to: WTFDA, P.O. Box 501, Somersville, CT USA 06072

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