

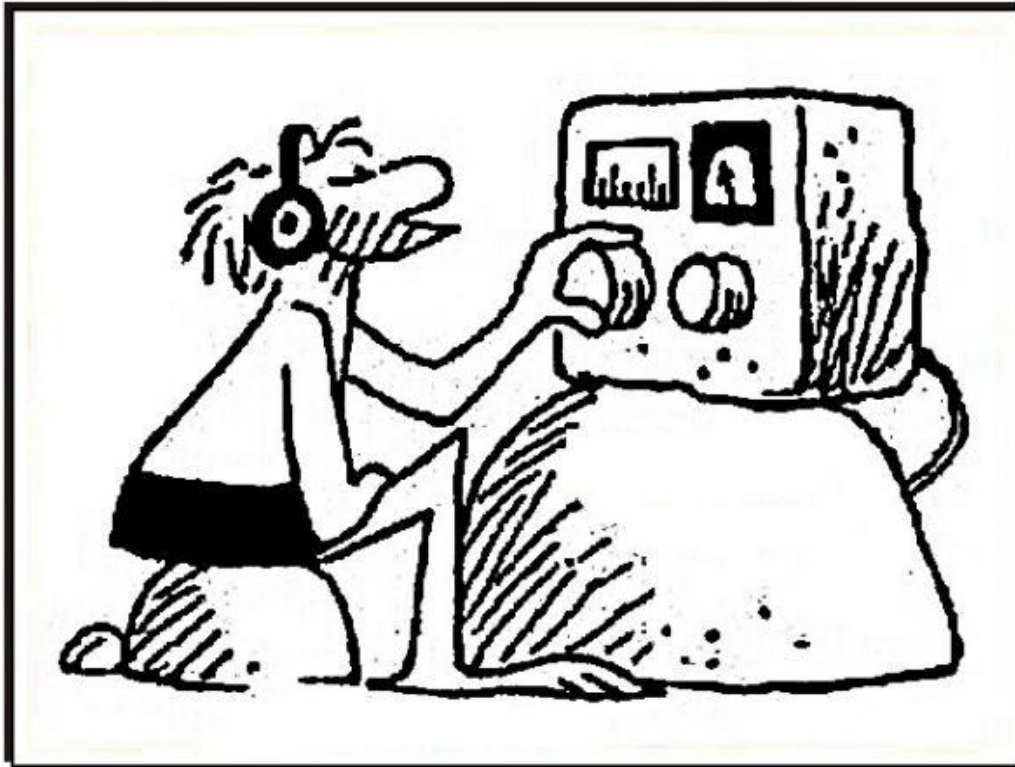


VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

APRIL 2022

E's Season 2022



Thor anxiously tunes for an E'skip opening.

100 Years of Radio

1922-2022



WISX Philadelphia
Flips to WUMR
Rumba 106.1

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: KEITH MCGINNIS, JAMES THOMAS, NICK LANGAN, MIKE BUGAJ AND JON KLINGERMAN



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Visit our club website at <http://www.wtfda.org> . Participate in our forums at <http://forums.wtfda.org>.

Our real-time prop logger is located at <http://logger.wtfda.org>. This logger is private for WTFDA members.

The free & public WTFDA FM Radio Station Database is administered and updated daily by your fellow WTFDA members.

Our new social media site is at Weme.com. <https://mewe.com/join/tvandfmradiodx>. Register and join the group of over 70 club members. This group is private for WTFDA members.





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APRIL 2022

NEW MEMBERS AND RENEWALS

This month we say welcome to Alan Sykes(GA), David Flottman(MO) and Hal Hoffman(TX). I hope you all find the WTFDA informative and enjoyable.

Renewals were received this month from Tripelo Cooper, Mike Hunter, David Cox, Jeff Wolf, Paul Crego, Ron Wing, Bill Hepburn (3 years), Bryce Foster (3 years), Jim Renfrew, Adam Ebel, Tim Land, Chris Cervantez and Luis Franceschi.

CHANGES

The WTFDA Board of Directors announces the addition of our fifth member. He's Jon Klingerman. Jon lives in Berwick, PA and is responsible for setting up and maintaining the WTFDA store at Redbubble.com. We think that a guy with ideas and vision is needed on the BoD so Jon is a perfect fit.

Here's a little background on that number. As far as I know, and being in the club forever, in my case, the club always had five people in the Bod. That number dropped to four, and then three in the early 2000s, as a couple of people either disappeared or left without any notice. More recently we got back up to four, and now five again.

In the coming months you may see some other changes happening (not necessarily personnel changes), as the club strives to keep itself relevant through the 20s.

MEMBER INPUT

From John Jefferson in Madras, Oregon: "KGBZ-LP has now been off for a full week. Before that they were on only 2-3 days after a 5-day outage. They must have major problems. The weather has been moderate all this time - some sun, plenty of clouds, and a little rain. Nothing one would expect to cause issues (like snow, high winds, or deluges). Not sure what's going on there. They're two miles from the house, so I do appreciate their absence, but the band has been dead, dead, dead!"

KSJJ 102.9 Redmond continues on low power, as does KLRR 101.7 Redmond (since 7/7/2020). Not complaining at having the band opened up a bit, but sometime in the summer would have been more useful!

I remember reading that lightning scatter could occur on FM. I've never known anything about it, though. When I lived in California it didn't seem at all likely. Does it produce a clear signal for a few seconds and then vanish with no audible fading? I recently heard such a burst, a snatch of a country song, on 102.7. The three MS candidates have all been eliminated, leaving KORD Richland WA as the only plausible candidate. At 152 miles they seem very close for MS, but it sure wasn't airplane scatter or semi-local propagation. No fading. In January I logged KSKR 100.9 Sutherlin OR with a burst of a local basketball game (verified by listening to the same on their website a couple minutes later). They are only 130 miles away, so I have them down as semi-local, but that really doesn't fit what I heard. There are also a couple other anomalous loggings which I now suspect could be due to lightning, possibly cloud to cloud to produce an ionized layer in the atmosphere."

That's all for this month. See you next time. Maybe some skip will pop up by then. -Mike



MERCHANDISE STORE



It's here! Now you can show off your club pride by ordering a WTFDA logo shirt from the brand new WTFDA Merchandise Store. We're proud to launch the store with a variety of 125 different shirt styles, notebooks for your logs, and unique wall clocks for your DX shack!



Even more products will be arriving soon, so make sure to check back often to see what's new. You will also be helping support the club as a portion of sales goes to the WTFDA.

The store can be found at <https://www.redbubble.com/people/wtfda/shop?artistUserName=wtfda>

Any questions, comments, or feedback can be directed to store@wtfda.org

McIntosh “...for the love of music...”

By Ken Kessler

McIntosh Laboratory, Inc.

ISBN: 0 9787236 0 0

A Book Review by Brian Penney



I've always been a fan of McIntosh. Not only is the McIntosh apple my favorite, I am a descendant of the McIntosh clan of Inverness Scotland (paternal Grandmother). So what does any of this have to do with radio? Well McIntosh is also an electronics company located in Binghamton, New York since the 1940's where they have manufactured some of the best Hi-Fidelity and FM Receivers ever made. Although I do not own any McIntosh gear, I had the privilege of

interviewing with the company in 1983 after my discharge from the United States Navy. They were interested in interviewing me because I had experience working on their equipment during my stint in the military. Part of the interview was a tour of their manufacturing facility where skilled craftsmen assemble what I and many others consider, electronic art. Ever since that day in 1983, I've had a keen interest in all product manufactured by McIntosh.

In December of 2020, I received an email from McIntosh promoting merchandise for the holiday. One of the products was a book. Not just any book, but a “coffee-table” style tome chronicling the history of McIntosh. Keeping with the exceptional quality standards of their products, McIntosh: “...for the love of music...” by Ken Kessler follows the rich history of the McIntosh Laboratory with interviews of former and current employees, highlights of old and new products, product tables of every McIntosh product ever produced, but probably most enjoyable are the countless high-quality photographs of the Lab's products as well as the people who have developed as well as manufacture these products.



McIntosh MR-78 Tuner

So what does all this have to do with radio? Well, McIntosh Laboratory has a rich history of manufacturing some of the most sensitive, selective and aesthetically pleasing to look at FM Stereo receivers. This book also follows the company's journey from vacuum tubes, to transistors and back to vacuum tubes. Did

you know that McIntosh also manufactured loudspeakers as well as stereo cartridges for turntables? I didn't, until I read this book. How about McIntosh products in automobiles? Yep,

they've done that too and continue the traditional with the 2021 Jeep® Grand Cherokee L sound system.



There are chapters chronicling the company's journey from Vacuum Tubes, to Transistors and back to Vacuum Tubes. Dozens of high-quality photographs capture the warm glow of Vacuum tubes in McIntosh amplifiers and receivers. How about a chapter that shows McIntosh components in Hollywood movies and television?

One of my favorite chapters, aside from that on tubes, is the role McIntosh amplifiers has played in big-stadium sound. The grand-daddy of them all was the Woodstock concert in Bethel, New York. McIntosh amplifiers were brought in to provide the sound system used at this venerable gathering. There are great photos also in this chapter of McIntosh equipment at various venues including a rack of amplifiers under the stage at Woodstock.

I've only just scratched the surface of what is contained in this book. The high-quality photographs, graphics and interviews with the folks that have made McIntosh the definitive leader in high-end audio components makes this book a welcome addition to anyone's library who's interested in electronics.

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Lyrids Meteor Shower April 2022

From Timeanddate.com

In 2022, the Lyrids will peak on the night between Apr 22–23

April Meteor Shower

The Lyrid Meteor Shower is usually active between April 16 and 25 every year. It tends to peak around April 22 or 23.

Oldest Recorded Meteor Shower

Named after constellation Lyra, the Lyrids are one of the oldest recorded meteor showers—according to some historical Chinese texts, the shower was seen over 2,500 years ago. The fireballs in the meteor shower are created by debris from comet Thatcher, which takes about 415 years to orbit around the Sun. The comet is expected to be visible from Earth again in 2276.

Television Jamaica Limited (TVJ) Switches On The World's Third NextGen Digital Television Service

Posted on February 7, 2022 in [ATSC News](#)

(Claire Grant, General Manager, Radio and Television Jamaica (left) along with Michael Henlin Chief Technology Officer (right) explain the operations of the new ATSC 3.0 transmission system to the Hon. Robert Morgan, Minister with responsibility for Information in the Office of the Prime Minister. This first ATSC 3.0. transmitter site for Television Jamaica was officially switched-on January 31, 2022, at 6:35 pm at its Lyndhurst Road home)



Kingston, Jamaica. January 31, 2022.

Television Jamaica Limited (TVJ) on Monday joined only two other countries globally to start transmission of the most modern television standard available today, the Advanced Television Standards Committee, ATSC 3.0 digital standard.

In a switching on ceremony at its Lyndhurst Broadcasting House facility, the new Minister with responsibility for Information, Hon. Robert Morgan officially switched on the TVJ NextGen service just after 6.30pm local time.

Jamaica joins South Korea and the United States of America in the adoption and transmission of an ATSC 3.0 digital terrestrial television service. TVJ commissioned the service into action in keeping with the government's announcement last year that the switch over process should commence by local broadcasters by January 2022.

The station says it worked hard to meet that timeline and achieving it showed its commitment to a digitally driven future in its broadcast business. TVJ says it will now make available FREE to consumers, TVJ, TVJ Sports Network, Reggae Entertainment Television and Jamaica News Network, with the Public Broadcasting Corporation of Jamaica to be added shortly.

Minister Morgan expressed delight with the major investment that TVJ, a member of the RJRGLEANER Communications Group has made in upgrading to a full High Definition transmission format and the embracing of the digital standard recommended by regulators and announced as the policy position of the government.

“What TVJ and the RJRGLEANER group have done is not only invested in its own business, but it has invested in the digital future of Jamaica...I am impressed with the commitment shown to making government policy a reality”, Minister Morgan said.



(On January 31, 2022, at 6:35 pm the Hon. Robert Morgan, Minister with responsibility for Information in the Office of the Prime Minister (right) officially switches on Jamaica's first ATSC 3.0 transmitter site at Television Jamaica's Lyndhurst Road home. Looking on is TVJ General Manager Claire Grant.)

Noting that the installation was conducted by an all-Jamaican engineering team on the ground, the Minister said it also showed that Jamaica has the capability to give strong leadership in the digital world.

“Our policy approach has not been to keep up with what is happening with the technology but to leap-frog current technology and provide leadership in this area”, he said.

TVJ's General Manager, Mrs. Claire Grant said she and the TVJ team members were excited to be a part of this history making activity which ushers in the newest global television technology with the most significant technological changes in almost half a century.

“Both picture and sound will be the best that television has ever had; TV service will be available on some mobile devices without needing data; advertising can be targeted to specific areas and viewership figures can be received in almost realtime; emergency warning messages will be embedded and through their home antenna consumers will get multiple channels free of charge”, she said. “Importantly, we will be able to provide even more FREE platforms for rich, relevant home grown content,” she added.

Gary Allen, Chief Executive Officer of the RJRGLEANER Communications Group, of which TVJ is a member says the commitment to this process in dollar terms will be approximately US\$12 million, with more than a half of that spent up to the point of commissioning the first transmitter into operation in Kingston.

He said that it has been a significant effort on the part of many professionals to get to this point. “We have to give kudos to our regulators, the Broadcasting Commission of Jamaica and the Spectrum Management Authority, who at the highest levels have been supportive and enabling in getting to this point” Mr Allen said.

The group's Chief Technology Officer, Michael Henlin, leader of the all-Jamaican team responsible for the on the ground installation of the first ATSC 3.0 site in the Caribbean, said “the exemplary work from the engineering, technology, production teams with support from management and our Board of Directors has been critical to the execution of this historic switch.”

TVJ, which in December became an official member of ATSC Inc, has commenced consultations with US and South Korean experts, as well as with local television set retailers, advertisers and other stakeholders on the next steps, which will see up to twenty (20) similar transmission sites being commissioned into service, to achieve the 95% coverage of Jamaica that is targeted.

-End-

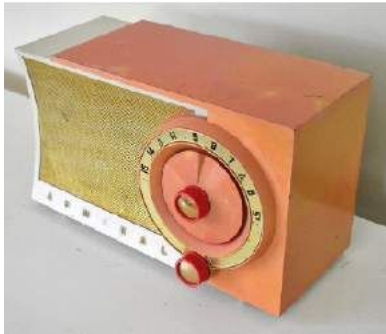


100 Years of Radio

1922
Three valve radio receiver

1922-2022

February 8, 1922.



1954
Admiral 5T35 Vacuum Tube Radio

Today is the big day for The White House. On exactly this day, February 8, 1922, a radio was installed in the Presidential Mansion. In 1922, radio was the hottest new technology much like the internet is today. A lot of local radio stations had amateur talent perform while some of the larger stations broadcasted newscasts, weather reports, popular and classical music, and various other programs.

It was only two years after President Harding installed the first radio in the White House that President Calvin Coolidge became the first president to broadcast from the White House. The broadcast was for George Washington's birthday and was heard on over 42 stations around the country.



1990s
Tecsun PL-990 Ultra Light Radio

Before that historic broadcast, radio had played a big role in Coolidge's victory in the 1924 presidential election. The night before the election, Coolidge made history when the largest radio audience ever tuned in to the broadcast of his final campaign speech. Coolidge won the election easily, and in March, Americans listened for the first time to their president take the oath of office on the radio.

Prior to 1922, on August 13, 1912, the United States Congress passed the Radio Act of 1912, "An Act to regulate radio communication", requiring that all radio stations be licensed.

Also in 1912, 9YV, an experimental station operated by Kansas State University in Manhattan, Kansas, became the first radio station in the United States to offer a regularly-scheduled daily broadcast (in morse code) of the weather forecast.

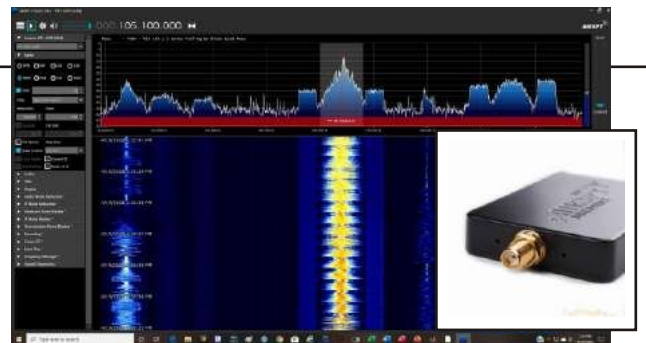
Other Significant North American Radio Dates in 1922

February 19 - Ed Wynn becomes the first big vaudeville star to join radio. The first broadcast is Wynn's *The Perfect Fool* and the station is WJZ, New York. This is also the first time in the world that a radio show is broadcast before a studio audience.

March 10 - In the United States, *Variety* magazine prints as its front-page headline, "Radio Sweeping Country - 1,000,000 Sets in Use"

May 28 - The Detroit News Orchestra, the world's first radio orchestra (a symphonic ensemble organized specifically to play on radio), begins broadcasting from radio station WWJ in Detroit, Michigan. This is the first music performed on radio for entertainment purposes.

July 21 - A limited commercial license is issued for operating radio station WIAE, in Vinton, Iowa, to station manager Marie Zimmerman, making WIAE the first radio station owned and operated by a woman.



2022
AirSpy HF+ Discovery & SDR program

WTFDA Publications 2022 - various sources.

TV News – April 2022

Douglas E. Smith
Nashville, TN
dougw9wi@gmail.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>
Aguascalientes			
Aguascalientes	26	XHCPAG	Calls changed from XHCGA.
Alabama			
Auburn	38	WHBD-LD	License canceled Mar. 4 th .
Midland City	24	W24FA	License canceled Mar. 7 th .
Opelika	17	WGBP-TV	Operating at 25% power since Mar. 16th due to feedline issues. Station is two-transmitter DTS, it doesn't say which transmitter is at reduced power.
Opelika	39	W39DQ	License canceled Mar. 4 th .
Arizona			
Parker	5	K05NJ	License canceled Mar. 7 th .
Prescott	49	K49KI	License canceled Mar. 4 th .
Arkansas			
El Dorado	33	K33QR	License canceled Mar. 7 th .
El Dorado	35	K35PN	License canceled Mar. 7 th .
Fort Smith	14	K14TA	License canceled Mar. 7 th .
Mulberry	17	K17OZ	License canceled Mar. 7 th .
Baja California			
Tijuana	15	XHCPDE	Calls changed from XHTJB.
California			
Bakersfield	44	K44LZ	License canceled Mar. 7 th .
Frazier Park	50	K50MV	License canceled Mar. 4 th .
Lakeport	49	K49MP	License canceled Mar. 7 th .
Los Angeles	7	KABC-TV	Requests power reduction to 25kw/906m (aux); granted.
Los Angeles	9	KCAL-TV	Requests power reduction to 10.5kw/899m (aux); granted.
Los Angeles	27	KEDD-LD	Requests power increase to 9kw/-83m, 34-16-32/118-25-23.
Los Angeles	27	KSFV-CD	See sharing host KPOM-CD Ontario.
Los Angeles	36	KNBC	Requests STA 332.5kw/991m; to operate at 50% power pending antenna replacement; granted.
Middletown	2	KFTY-LD	Requests power increase to 1000kw/1005m. OFF Jan. 23 rd pending repairs to electrical wiring. Returned to the air Mar. 10 th .
Needles	41	K41NW	License canceled Mar. 4 th .
Ontario	27	KPOM-CD	Requests power increase to 15kw/906m, 34-12-46/118-03-45.

Location	RF Ch	Callsign	Notes
Orland	14	K14TJ	License canceled Mar. 7 th .
Orland	47	K47OI	License canceled Mar. 7 th .
Palm Springs	45	K45MI	License canceled Mar. 4 th .
Paradise	45	K45ND	License canceled Mar. 4 th .
Porterville	9	KVVG-LD	Returned to the air Feb. 25 th at increased power of 3kw/649m, 36-44-45/119-17-02.
Porterville	15	KFVD-LD	Requests power increase to 15kw/76m.
Riverside	7	KRCA	See sharing host KABC-TV Los Angeles.
Sacramento	44	KRJR-LP	OFF July 13 th , 2021.
San Luis Obispo	15	KSBY	Operating at just shy of 5% power since Feb. 3rd due to transmitter failure. Able to increase to 50% power in early March.
Santa Maria	30	KDFS-CD	Requests STA 7.2kw/436m, 34-53-52/120-35-26. Withdrawn March 8 th , HVAC system repaired.
Van Nuys	26	KSKJ-CD	Requests STA for 5.85kw/878m; transmitter unable to reach full power. Granted.
Yreka	17	K17BA	Requests STA 437w/730m; to operate at 40% power pending transmitter repairs. Granted.

Chiapas

Bochil	36	XHDY-n	New station, 1.2kw/-288m, 16-59-35/92-53-34.
Huixtla	28	XHGK-n	New station, 5kw/-207m, 15-08-24/92-27-09.
Las Margaritas	36	XHDY-n	New station, 2kw/-20m, 16-18-43/91-59-56.
Mapastepec	28	XHGK-n	New station, 2kw/-49m, 15-26-58/92-53-16.
Ocosingo	36	XHDY-n	New station, 4kw/-148m, 16-53-51/92-06-02.
Tonala	36	XHDY-n	New station, 3kw/-125m, 16-05-42/93-45-10.
Tuxtla Gutierrez	7	XHTUG	New station, 5kw/-174m, 16-46-10/93-05-05.

Coahuila

Saltillo	31	XHCPDF	Calls changed from XHSCE.
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Colorado

Colorado Springs	18	KZCS-LD	Power reduced to 15kw/660m, 38-44-39/104-51-48.
Fort Collins	16	KPXH-LD	Moved from 25, 11kw/395m, 40-32-47/105-11-52.
La Junta	35	KQAF-LD	Power increased to 15kw/113m, 38-10-35/104-01-25.

Florida

Bartow	14	WOME-LD	Calls changed from W14DQ.
Dunnellon	27	WOCD-LD	Requests power increase to 10kw/54m, 29-07-31/82-10-56. Granted.
Dunnellon	41	W41ED	License canceled Mar. 4 th .
Fort Myers	27	WLZE-LD	Moved from 20, 15kw/323m, 26-48-03/81-45-44.
Fort Myers	31	WINK-TV	Application for new aux, 579kw/388m, 26-47-09/81-47-46. Granted.
Key West	29	WKIZ-LD	Requests power reduction to 250 watts/22m, 24-33-09/81-47-52 (WDGT-LD Miami) Power reduced.
Lakeland	18	WMOR-TV	Requests STA for 480kw/459m; to operate at approximately 48% power pending mask filter repairs. Granted.
Naples	32	WXCW	Application for new aux, 85kw/388m, 26-47-09/81-47-46. Granted.
Panama City	10	WGOM-LD	Requests power reduction to 3kw/60m, 30-10-53/85-46-48.
Panama City	14	W14ET	License canceled Mar. 7 th
Port St. Lucie	21	WSLF-LD	Moved from 35, 15kw/124m, 27-07-18/80-23-58.
Tallahassee	21	W21EH	Permit granted for new station, 1kw/120m, 30-29-06/84-19-54.
Tallahassee	39	W39DR	License canceled Mar. 4 th .

Location	RF Ch	Callsign	Notes
Vero Beach	30	WVWW-LD	Returned to the air Mar. 14 th .
Georgia			
Albany	22	WCEG-LD	License canceled Mar. 7 th .
Ashburn	29	W29ED	License canceled Mar. 7 th .
Athens	23	W23DV	Granted power increase to 15kw/122m, 33-53-58/83-12-44.
Baxley	15	WPHJ-LD	Power increased to 15kw/420m, 32-03-15/81-21-00.
Byromville	17	W17EQ	License canceled Mar. 10 th .
Byron	14	W14EY	License canceled Mar. 7 th .
Byron	48	W48EI	License canceled Mar. 7 th .
Columbus	23	W23FA	Requests power reduction to 10kw/111m, 32-28-02/85-02-31. Granted.
Cordele	8	W08ER	License canceled Mar. 7 th .
Cordele	32	W32FT	License canceled Mar. 7 th .
Cordele	34	W34EJ	License canceled Mar. 7 th .
La Grange	20	WCGZ-LD	Requests power increase to 15kw/77m, 33-02-13/85-01-50. Granted.
Lenox	28	W28FE	License canceled Mar. 7 th .
Lenox	42	W42EG	License canceled Mar. 8 th .
Macon	11	WUEO-LD	Returned to the air Feb. 1 st .
Macon	29	WJDO-LD	Power increased to 15kw/135m.
Soperton	34	W34FV	License canceled Mar. 7 th .
Hawaii			
Hilo	17	K17OU	License canceled Mar. 7 th .
Hilo	27	K27PB	License canceled Mar. 7 th .
Hilo	47	K47NM	License canceled Mar. 7 th .
Hilo	49	K49MK	License canceled Mar. 8 th .
Idaho			
Boise	12	K12XM	License canceled Mar. 7 th .
Boise	14	KIWG-LD	License canceled Mar. 7 th .
Boise	35	KZAK-LD	STA for temporary antenna dismissed.
Bonnars Ferry	38	K38NO	License canceled Mar. 4 th .
DuBois	24	K24OK	License canceled Mar. 7 th .
Idaho Falls	19	K19NA	License canceled Mar. 7 th .
Illinois			
Chicago	12	WBBM-TV	Power increased to 10.9kw/500m.
Chicago	19	WGN-TV	Requests STA for reduced power of 645kw/498m (vs. licensed 803kw). Combiner won't handle full power.
Oswego	10	WAOE	Granted power increase to 30kw/411m.
Springfield	12	WCQA-LD	Returned to full power Dec. 15 th .
Indiana			
Brazil	19	W19FD	Requests power reduction to 200 watts/12m, 39-14-33/87-23-29. Granted & on the air.
Brazil	24	W24FB	Requests power reduction to 200 watts/12m, 39-14-33/87-23-29. Granted & on the air.
Iowa			
Salix	24	K24KD	License canceled Mar. 7 th .
Jalisco			

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Guadalajara	27	XHCPCT	Calls changed from XHUDG.
Kansas			
Colby	19	KWKS	OFF Dec. 14th, equipment problems. Returned to the air Jan. 13th but off again on the 18th. And on again Feb. 25th.
Fort Riley	25	K25QQ	License canceled Mar. 7 th .
Fort Riley	32	K32OZ	License canceled Mar. 7 th .
Galena	21	K21PG	License canceled Mar. 7 th .
Goodland	5	K05NK	License canceled Mar. 7 th .
Goodland	12	K12XT	License canceled Mar. 7 th .
Ogden	36	K36QK	License canceled Mar. 7 th .
Pittsburg	7	KOAM-TV	Granted STA 20kw/292m; temporary side-mount antenna pending replacement of the main antenna.
Pittsburg	13	KFJX	Requests STA 11kw/292m; temporary side-mount antenna pending replacement of the main antenna.
Kentucky			
Hazard	20	WYMT-TV	Granted reallocation from ch. 12, 710kw/478m. Requests change to license to implement reallocation; granted.
Louisiana			
Iowa	22	K22OT	License canceled Mar. 7 th .
Iowa	39	W39DK	License canceled Mar. 7 th .
Monroe	24	KNOE-TV	Granted move from ch. 8, 1000kw/579m.
Monroe	25	K25MH	License canceled Mar. 7 th .
Slidell	17	WUPL	New aux on the air, 500kw/232m, 29-54-23/90-02-22.
Sulphur	21	K21PJ	License canceled Mar. 7 th .
Maine			
Fairfield	31	W31DW	License canceled Mar. 7 th .
Maryland			
Salisbury	17	WNDC-LP	Moved from 11, 15kw/119m, 38-23-12/75-17-27.
Estado de México			
Ixtapaluca	15	XHTV-n	New station, 681 watts/145m, 19-20-15/98-53-49.
Valle de Bravo	21	XHCPDG	Calls changed from XHVBM.
Michigan			
Elmhurst	28	W28FF	License canceled Mar. 7 th .
Traverse City	20	W20DI	License canceled Mar. 7 th .
Michoacan			
Los Reyes	10	XHSCAF	New station, 1kw/-190m, 19-34-30/102-27-59.
Minnesota			
Brainerd	22	K22OS	License canceled Mar. 7 th .
Hewitt	36	K36QL	License canceled Mar. 7 th .
Minneapolis	22	WUCW	Requests power reduction to 790kw/436m, 45-03-44/93-08-22. Granted.
Rushmore	19	K19NC	License canceled Mar. 7 th .
Sauk Centre	21	K21PF	License canceled Mar. 7 th .
St. Cloud	17	KMWE-LD	Requests power increase to 15kw/90m, 44-56-48/93-05-29; amendment to change site. Denied.

Location	RF Ch	Callsign	Notes
St. Cloud	24	K24OM	(1 st National Bank, 4 th & Minnesota, downtown Minneapolis) License canceled Mar. 7 th .
St. Cloud	26	K26PF	Requests power increase to 15kw/92m, 45-31-05/94-19-55. Granted.
Wells	23	K23PT	License canceled Mar. 7 th .
Wells	34	K34QZ	License canceled Mar. 7 th .
Mississippi			
Auburn	6	W06DJ	License canceled Mar. 7 th .
Eastabutchie	31	W31FB	Requests power increase to 4.5kw/328m, 30-41-17/87-47-54.
Pascagoula	31	WGUD-LD	OFF Feb. 18 th , old tower dismantled, building new one.
Purvis	14	W14DV	License canceled Mar. 7 th .
Missouri			
Branson	17	K17DL	Requests STA 1.05kw/221m; transmitter issues. Granted.
Columbia	26	K26PT	License canceled Mar. 7 th .
Columbia	43	K43ND	License canceled Mar. 7 th .
Jefferson City	34	K34QP	License canceled Mar. 7 th .
Kansas City	15	K45IO	Moved from 45.
Rolla	6	NEW-182675	Permit canceled Mar. 4 th .
Montana			
Billings	12	K12XS	License canceled Mar. 7 th .
Bozeman	22	K22KN	License canceled Mar. 7 th .
Columbus	16	K16NX	License canceled Mar. 7 th .
Deer Lodge	20	K20PA	License canceled Mar. 7 th .
Dell	25	K25QR	License canceled Mar. 7 th .
Dillon	21	K21MG	License canceled Mar. 7 th .
Drummond	29	K29OB	License canceled Mar. 7 th .
Livingston	48	K48NS	License canceled Mar. 4 th .
Missoula	20	K20LA	License canceled Mar. 7 th .
Missoula	20	KECI-TV	From 13, 925kw/610m; granted.
St. Xavier	9	K09AAE	License canceled Mar. 7 th .
Wolf Creek	16	K16NW	License canceled Mar. 7 th .
Wordon	8	K08QO	License canceled Mar. 7 th .
Morelos			
Cuernevaca	20	XHCPDH	Calls changed from XHCIP.
Nebraska			
York	24	KSNB-TV	Moved from ch. 4, 260kw/430m, 40-48-11/97-10-53; city from Superior.
Nevada			
Las Vegas	29	KVCW	Granted new aux, 164.4kw/370m, to back up site #1 of two-site DTS. Granted STA for use of same facilities, pending repairs to main antenna.
Las Vegas	31	STA-775151	Requests STA 40 watts/-29m, 36-08-00/115-09-28. See WS9XQZ Winchester. (although the ch. 31 STA is for a different licensee, Saankhya Labs.) Granted.
Las Vegas	33	KSNV	Requests STA 42kw/374m; ATSC 3.0 demonstration station April 11th through May 1st for the NAB Show. This is independent of KSNV's ATSC 1.0 signal on channel 22. Granted. See WS9XQZ Winchester.

Location	RF Ch	Callsign	Notes
Reno	4	KRMF-LD	Returned to the air Mar. 17 th .
Reno	43	KELM-LD	License canceled Mar. 5 th .
Schurz	48	K48NX	License canceled Mar. 4 th .
Spring Creek	35	K35PM	License canceled Mar. 7 th .
Wendover	2	K02RM	License canceled Mar. 7 th .
Winchester	34	WS9XQZ	Requests STA 40 watts/-12m, 36-08-00/115-09-28. These coordinates are inside the West Hall of the Las Vegas Convention Center. Applicant is the National Association of Broadcasters, which wishes to demonstrate ATSC 3.0 during the April 23 rd -27 th convention. (they seek authorization to begin operation on the 15 th and continue through the 30 th) Granted.

New Mexico

Albuquerque	46	K46MM	License canceled Mar. 11 th .
Deming	20	K20LO	License canceled Mar. 7 th .
Deming	24	K24OL	License canceled Mar. 7 th .
Hatch	14	K14TI	License canceled Mar. 7 th .
Hatch	26	K26MR	License canceled Mar. 7 th .
Hatch	48	K48OM	License canceled Mar. 7 th .
Lordsburg	6	K06QV	License canceled Mar. 7 th .
Lordsburg	22	K22OR	License canceled Mar. 7 th .
Lordsburg	28	K28QS	License canceled Mar. 7 th .
Lordsburg	42	K42LA	License canceled Mar. 7 th .
Lordsburg	44	K44LI	License canceled Mar. 7 th .

New York

Glens Falls	31	WNCE-CD	Returned to the air Mar. 18 th .
New York	6	WNYZ-LD	Applied for ATSC 3.0 permission with "KBKF conditions". Granted. Reported on the air with FM signal.

Schenectady

6 WRGB **Operating at approximately 50% power from a lower interim antenna, pending move to ch. 35. STA dismissed Mar. 8th, station now operational on new channel 35.**

Westvale	6	WVOA-LD	Requests power increase to 3kw/45m; amendment from 50m.
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North Carolina

Biscoe	36	W36FB	Operating at 50% power since Mar. 1 st amplifier failure.
Marion	22	W22FB	Operating at about 25% power (2.25kw) after Mar. 15 th HVAC failure.
Rocky Mount	30	WHIG-CD	Requests power increase to 15kw/156m, 35-54-06/77-46-49.; granted.
Wilmington	14	WECE-LD	License canceled Mar. 7 th .

North Dakota

Bismarck	16	K16NV	License canceled Mar. 7 th .
Valley City	23	K23PR	License canceled Mar. 7 th .
Valley City	49	K49MO	License canceled Mar. 8 th .

Northern Mariana Islands

Garapan	7	KPPI-LP	Converted to digital. Relays KTGM Tamuning, Guam.
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Oaxaca

Acatlan	22	XHCPBR-n	Calls changed from XHAPF & channel from 21.
Concepcion Papalo	28	XHCPBR-n	Calls changed from XHCPO.
Ixcatlan	23	XHCPBR-n	Calls changed from XHSMI & channel from 22.

Location	RF Ch	Callsign	Notes
Juxtlahuaca	22	XHCPBR-n	Calls changed from XHSXL.
Loxicha	28	XHCPBR-n	Calls changed from XHSGX.
Santa Catarina Juqui	27	XHCPBR-n	Calls changed from XHSCJ.
Tapanatepec	22	XHCPBR-n	Calls changed from XHSPT.
Teotitlan	22	XHCPBR-n	Calls changed from XHNEA.
Tlaxiaco	21	XHCPBR-n	Calls changed from XHTLO.
Tuxtepec	20	XHCPBR-n	Calls changed from XHJBT.
Ohio			
Lima	30	W30EX	License canceled Mar. 7 th .
Lima	49	W49EM	License canceled Mar. 10 th .
Maplewood	25	W25FI	Returned to the air Mar. 9 th .
Newcomerstown	5	WIVN-LD	Requests power increase to 3kw/147m, 40-21-32/81-30-02.
Toledo	35	WLMB	Granted move from ch. 5, 375kw/168m.
Oklahoma			
Geronimo	21	K21PC	License canceled Mar. 7 th .
Geronimo	30	K30QW	License canceled Mar. 7 th .
Muldrow	23	K23PS	License canceled Mar. 7 th .
Muldrow	38	K38NZ	License canceled Mar. 7 th .
Tulsa	23	KTUO-LD	Granted power increase to 15kw/190m, 36-06-39/96-02-00.
Vian	6	K06QU	License canceled Mar. 7 th .
Oregon			
Bend	20	KQRE-LD	Requests power reduction to 9.3kw/680m, 44-26-12/120-57-15.
Eugene	3	K03IM	Granted power increase to 230 watts/231m, 44-00-03/123-06-49.
Eugene	28	K28QU	Permit granted for new station, 1kw/255m, 44-00-03/123-06-27 (Point Broadcasting Co.)
Sutherlin	11	K11BX	Requests site change, 300 watts/811m, 43-22-19/123-03-52. Granted. Seeks STA to operate at approximately 43% power (130 watts) pending transmitter replacement. STA dismissed, operating at full (300 watts) power at new site.
The Dalles	14	KRHP-CD	OFF Dec. 18 th , owner says permanently as he's physically & mentally unable to operate the station. However, he filed notification on Mar. 11 th that the station had returned to the air.
Pennsylvania			
Barnsboro	22	WTOO-LD	Granted power increase to 15kw/208m, 41-03-52/78-34-11.
Lebanon	31	WLHY-LD	Returned to the air Oct. 15 th , 2021.
Puerto Rico			
Caguas	50	W50EN	License canceled Mar. 4 th .
Fajardo	16	WRUA	Moved from ch. 33, 50kw/823m.
Fajardo	16	WRUA	Application for new aux, 30kw/-31m, 18-22-08/66-11-01; granted.
Guayama	31	W31DV	Requests power reduction to 14.5kw/236m, 18-15-54/66-05-06. Granted.
Naranjito	18	WECN	Requests STA 18kw/-31m, 18-22-08/66-11-01; interim site pending restoration of commercial power at licensed site. Granted. Same site as WRUA-16 Fajardo's new aux.
San Luis Potosi			
Cd. Valles	12	XHCPCX	New station, 42kw/154m, 21-57-16/98-54-58
San Luis Potosi	24	XHCPDJ	Calls changed from XHSPL.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
South Carolina			
Beaufort	29	W29EN	Requests power increase to 15kw/114m, 32-24-03/80-44-21 (WGCB-LD Hinesville, Ga.)
Florence	6	W06DK	Requests power increase to 3kw/37m, 34-16-18/79-43-33.
Florence	18	W18FC	Requests power increase to 15kw/98m, 34-16-18/79-43-33 (WBTW-13 tower)
Hardeeville	13	W13DU	License canceled Mar. 7 th .
North Charleston	29	WAZS-LD	OFF Feb. 18 th pending repairs.
North Charleston	31	WJNI-LD	OFF Feb. 18 th pending repairs.
Tennessee			
Algood	35	W35DZ	Requests power increase to 15kw/228m, 36-10-26/85-20-37. (between Monterey and Cookeville) Granted.
Chattanooga	8	WDEF-TV	Granted power increase to 35.9kw/384m.
Lebanon	29	W29FR	Returned to the air Oct. 11 th , 2021.
Lewisburg	29	WFET-LD	OFF Feb. 23 rd pending relocation.
Memphis	15	W15EA	OFF Feb. 3 rd pending transmitter replacement; returned to the air Feb. 27 th .
Nashville	9	W09DM	Returned to the air Oct. 16 th , 2021.
Nashville	15	W15ER	Returned to the air Oct. 16 th , 2021. (I can receive this station at work)
Nashville	26	WNTU-LD	Requests power increase to 15kw/356m, 36-16-05/86-47-45; move from the L&C Tower downtown to the I-24/OHB tower farm. Granted.
Spring Hill	14	W14EJ	License canceled Mar. 7 th .
Texas			
Abilene	33	K33KX	License canceled Mar. 7 th .
Amarillo	38	K38OJ	License canceled Mar. 5 th .
Austin	7	KTBC	Power increased to 98.6kw/208m (aux)
Beaumont	14	K14TL	Permit granted for new station, 1kw/147m, 30-06-36/94-01-42.
Brownsville	24	KVEO-TV	Requests STA 500kw/445m; to operate at half power pending antenna repairs. Granted.
Coahoma	27	K27PD	License canceled Mar. 7 th .
Coahoma	41	K41MC	License canceled Mar. 8 th .
College Station	27	KNXG-LD	Requests STA 1.5kw/423m, 30-33-17/96-01-52; to operate at reduced power pending replacement of damaged transmission line. Granted. Dismissed Mar. 24 th , presumably returned to full power.
Corpus Christi	16	KXCC-LD	Returned to the air Mar. 4 th .
Dallas	28	KLEG-CD	Power increased to 15kw/263m.
<i>Eagle Pass</i>	<i>3</i>	<i>KEAP-LP</i>	<i>License canceled Mar. 15th.</i>
Eagle Pass	38	KEAP-LD	License canceled Mar. 17 th .
El Paso	18	KDBC-TV	Requests power increase to 1000kw/602m, 31-48-55/106-29-22. Granted.
Gruver	36	K36KL	License canceled Mar. 23 rd .
Houston	28	KUGB-CD	Returned to full power Feb. 8 th .
Laredo	6	K06QY	Permit granted for new station, 300 watts/96m, 27-31-29/99-31-21.
Laredo	14	K14TM	Permit granted for new station, 15kw/96m, 27-31-29/99-31-21.
Lubbock	27	KAMC	Granted power to 1000kw/231m; increased.
Marfa	49	K49MJ	License canceled Mar. 4 th .
McAllen	11	KJST-LD	Granted conversion to digital from analog ch. 28, 3kw/87m, 26-15-25/98-13-55. Converted.
McAllen	27	KRZG-CD	OFF Feb. 9 th , transmission line issues. Returned to the air Mar. 4 th .

Location	RF Ch	Callsign	Notes
McAllen	28	KJST-LP	OFF July 13 th in analog, returned to the air Feb. 10 th . (but presumably with the listed digital facilities on ch. 11?)
New Mobeetie	47	K47GM	License canceled Mar. 23 rd .
Ranger	25	K25QP	License canceled Mar. 7 th .
Rio Grande City	5	KRGT-LD	License canceled Mar. 17 th .
Rio Grande City	6	KRGT-LP	License canceled Mar. 15 th .
Snyder	17	KPCB-DT	Returned to the air Mar. 24th.
Sweetwater	35	KIDB-LD	License canceled Mar. 17 th .
Tahoka	20	K20OX	License canceled Mar. 7 th .
Tyler	19	K14NR	STA for this channel dismissed.
Tyler	27	KDKJ-LD	OFF Mar. 17 th pending HVAC repairs.
Tyler	29	KBJE-LD	OFF Mar. 17 th pending HVAC repairs.
Tyler	30	KKPD-LD	OFF Mar. 17 th pending HVAC repairs.
Uvalde	2	KNHB-LD	License canceled Mar. 17 th .
Uvalde	7	KNHB-LP	License canceled Mar. 15 th .
Victoria	23	KVCV-LD	Moved from 48, 15kw/81m, 28-58-29/97-04-53.
Westbrook	36	K36QJ	License canceled Mar. 7 th .
U.S. Virgin Islands			
Charlotte Amalie	36	WTJX-TV	Application for new aux, 50kw/456m. Moved from 44, 42.9kw/506m.
Utah			
Logan	6	KJDN-LD	OFF Feb. 18 th , lost site.
St. George	21	KKRP-LD	Returned to the air Mar. 19 th .
Veracruz			
Xalapa	26	XHCPEO	247.18kw/621m, 19-35-28/97-05-32.
Virginia			
Crozet	13	W13DV	Requests power reduction to 200 watts/-78m, 38-17-51/78-26-32. Granted.
Washington			
Centerville	7	K07AAM	License canceled Mar. 7 th .
Seattle	23	K23KI	Power increased to 5kw/234m, 47-37-54/122-21-03 (KRUM-LD)
West Virginia			
Fairmont	10	WVUX-LD	Granted STA for use of adjacent tower, 250 watts/139m, 39-16-35/80-17-37. Licensed tower is in "decrepit" condition & cannot be repaired. Returned to the air Mar. 14 th under this STA.
Roanoke	14	W14EX	License canceled Mar. 7 th .
Roanoke	45	W45EF	License canceled Mar. 7 th .
Wisconsin			
Fond du Lac	7	WIWN	Proposed reallocation from ch. 5, 38kw/338m. See text.
Merrill	6	W06DL	License canceled Mar. 7 th .
Merrill	35	W35EA	License canceled Mar. 7 th .
Wausau	31	W31EV	Granted power reduction to 1.2kw/21m, 44-40-32/89-39-12.
Wyoming			
Casper	8	KPTW	Requests power reduction to 11.5kw/568m; granted.
Casper	32	K32OY	License canceled Mar. 7 th .
Sheridan	15	K15HK	Requests power increase to 15kw/353m (KCWC-DT Lander)

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

MULTIPLE TOWERS

WIWN's filing is theoretically only to have channel 7 allotted to Fond du Lac in lieu of channel 5. However, to do so they must show a channel 7 facility can be built that will provide the required service without interfering with anything else.

There are two channel 7 facilities close enough to require protection. WOOD in Grand Rapids, Michigan is easy to protect; a tight eastward null can be placed in the WIWN channel 7 antenna pattern. Reception to the east of the WIWN tower will be difficult – but the tower is located maybe three miles from Lake Michigan. (in Milwaukee) Most sailors aren't watching TV(grin).

The other facility is more difficult. WSAW-TV in Wausau also operates on channel 7. And WIWN's city of license, Fond du Lac, lies between their Milwaukee tower site and Rib Mountain, home of the WSAW transmitter. WIWN's channel assignment plans call for a second, 600-watt transmitter located a few miles northeast of Fond du Lac. This transmitter can also feature a null to the northwest, towards Wausau – without affecting the ability to serve Fond du Lac to the southwest.

ATSC 3.0 SCORECARD

Phoenix, Arizona:

KGRX-LD has notified the FCC of plans to convert *from* ATSC 3.0 back to ATSC 1.0. The application cites a “lack of current demand for ATSC 3.0 service in the licensee's service area.”. The station was carrying BYU TV, something called “Field Trip”, and seven encrypted channels including Outdoor Network, Game Show Network, and Hallmark TV. Co-sited KGRY-LD also carries BYU TV, and four other encrypted channels. KGRY has not (yet?) filed to go back to 1.0.

I would not interpret this as an indictment of the ATSC 3.0 format. Over the years, a number of firms have attempted to use various technologies to provide “cable” channels over the air. None have financially succeeded.

Saginaw, Michigan:

WBSF 23:	ATSC 3.0 host carrying WEYI-TV, WJRT-TV, WNEM-TV, and WSMH.
WEYI-TV 18:	ATSC 3.0 guest carrying WBSF 46.1 CW
WJRT-TV 12:	ATSC 3.0 guest on WBSF.
WNEM-TV 30:	ATSC 3.0 guest on WBSF.
WSMH 16:	ATSC 3.0 guest carrying WBSF 46.3 Charge!

Albany, New York:

WCWN 22:	ATSC 3.0 host carrying WRGB & WTEN.
WRGB 35:	ATSC 3.0 guest carrying WCWN 45.2 Charge! & 45.3 Stadium
WTEN 24:	ATSC 3.0 guest carrying WCWN 45.1 CW

Las Vegas, Nevada:

Two temporary ATSC 3.0 operations have been authorized during the National Association of Broadcasters' convention in Las Vegas. The convention runs from April 23rd through the 27th, but the STAs are valid for longer periods.

KSNV's, on channel 33, runs from April 11th through May 1st. This STA calls for 42kw at KSNV's regular site on a mountain in Henderson, Nevada. It does not affect KSNV's regular (ATSC 1.0) operation on channel 22. (to make things a bit more complex(grin), KSNV's regular operation is simulcast in ATSC 3.0 over the KVCW transmitters on channels 15 and 29)

The NAB itself is licensee of a second operation with the experimental callsign WS9XQZ. (It is legal to identify a TV station only visually, without stating the call letters in the audio. A station with the call letters WS9XQZ should be VERY grateful for this regulation!) The NAB test station will be located inside the convention hall. Don't count on logging WS9XQZ unless you're attending the convention – it will be running all of forty watts.

Dallas, Texas:

The ATSC 3.0 documents I mentioned last month are now accessible. They aren't particularly interesting(grin). K26KC converted to ATSC 3.0 operation on February 24th. That said, according to RabbitEars.info, K26KC is carrying IBN Television. This is the same network mentioned by the ID loop on my local WJNK-LD – which said they planned to convert to 3.0 in January. (as of mid-March, WJNK is still operating in ATSC 1.0)

San Antonio, Texas:

KMYS 32: ATSC 3.0 host carrying KABB & WOAI-TV.

KABB 30: ATSC 3.0 guest carrying KMYS 35.1 CW

WOAI-TV 28: ATSC 3.0 guest carrying KMYS 35.2 Stadium & 35.3 DABL

DISAPPEARING LPTVs

Most of the canceled LPTVs this month were licensed to Lowcountry 34 Media, LLC. The firm entered a Consent Decree with the FCC after being accused of abuse of process. The Commission states that in at least thirty cases, temporary facilities were built with no intention of providing permanent service.

FM Slogans and Formats

APRIL 2022

Data taken from Radioinsight, Stationintel, listener reports and other internet sites.

Keith McGinnis

AR	KFMD	101.5	Greenland	From "Hot AC" to "Classic Hip Hop" - "101.5 My-FM" to "101.5 The Vibe"
CA	KRKC	102.1	King City	From "KC102" to "Pop 102.1 FM"
CA	KMJV	106.3	Soledad	From "Radio Lobo" to "Luna"
CO	KDHT	95.7	Denver	Call from "KPTT" to "KDHT"
CT	W273DS	102.5	Meriden	From "Talk" to "R&B" - "Talk of Connecticut" to "The New 102.5"
FL	WMIA	93.9	Miami	From "Totally 93.9" to "93.9 MIA 90's to Now"
FL	W277AP	103.3	Bayshore	From "Sports" to "Rock" - "Fox Sports FM" to "Rock 103.3"
FL	W248CA	97.5	St. Petersburg	From "Urban Oldies" to "Adult Alternative" - as "97X"
IN	WZOC	94.3	Plymouth/South Bend	From "Classic Hits" to "Classic Rock" - as "Z94.3 Quality Rock Less Talk"
KS	K224EX	92.7	Manhattan	From "AAA" to "Country" - "92.7 The X" to "Country Rewind 92.7"
KY	WLLI	102.3	Munfordville	Calls from "WBVA" to "WLLI" - "Beaver 96.7" to "Willie 94.1"
KY	W253BN	98.5	Glasgow	From "Beaver 96.7" to "Willie 94.1"
LA	KLCJ	104.1	Oak Grove/Lake Charles	From "News/Talk" to "Sports" - "News/Talk 98.5FM 1520AM" to "The Game - Southwest LA's Sports Station"
LA	K249EY	97.7	Lafayette	From "The Rewind" to "97.7/1330 MeTV FM"
LA	KSLO	105.3	Simmesport	From "Regional Mexican" to "Oldies/Adult Standards" - "La Caliente 105.3" to "105.3 MeTV FM"
LA	KWCL	96.7	Oak Grove	From "Classic Hits" to "AC" - "Oldies 96.7" to "Mix 96.7"
MD	WDZN	99.5	Midland/Cumberland	From "Classic Hits" to "Rock/Alternative" - now "99.5 DZN"
MD	WRDE	103.9	Salisbury	Calls from "WOCQ" to "WRDE"
MD	WRDE	103.9	Salisbury	From "CHR" to "Country" - "OC104" to "Coast Country 103.9 & 106.3"
MD	WCCEM	106.3	Cambridge	From "Chesapeake Country 106.3" to "Coast Country 103.9 & 106.3"
MD	W282AW	104.3	Salisbury	From "Oldies" to "Country" - "Kool Oldies 104.3/105.1" to "Coast Country 103.9 & 106.3"
MD	W286BB	105.1	Ocean Pines	From "Oldies" to "Country" - "Kool Oldies 104.3/105.1" to "Coast Country 103.9 & 106.3"
MD	WKHI	94.9	Newark	From "Delmarva's Superhits" to "94.9 KHI"
MI	WZOX	96.5	Portage	From "CHR" to "Modern AC"
MN	WLKX	95.9	Forest Lake	From "Oldies" to "Country" - as "Bob Total Country"
MN	W298CE	107.5	Princeton	From "Oldies" to "Country" - as "Bob Total Country"
MS	WTYJ	97.7	Fayette	From "In The Mix 97" to "97.7 The Beat"
NC	W273DA	102.5	Charlotte	From "Sports" to "Urban Contemporary" - as "102.5 The Block"
NC	WFNZ	92.7	Harrisburg	Calls from "WQNC" to "WFNZ"
NC	WFNZ	92.7	Harrisburg	From "Urban Contemporary" to "Sports" - "92.7 The Block" to "Sports Radio WFNZ"
NJ	W281CK	104.1	Lakewood Township	From "Oldies" to "Country" - "Beach Radio 104.1" to "Cat Country 96.7/104.1"
NJ	W244EE	96.7	Asbury Park	From "Oldies" to "Country" - "Beach Radio 104.1" to "Cat Country 96.7/104.1"
NJ	W237EH	95.3	Pennsauken	"From "Christian Talk" to "Talk" - "WVCH The Christian Station" to "Liberty Radio"
NY	W296BS	107.1	Johnson City	From "Soft AC" to "Classic Country" - "Sunny 107.1" to "107.1 The Bear"
NY	WGWE	105.9	Little Valley	From "Silent" to "Dance" - as "Energy 105.9"
ON	CFXJ	93.5	Toronto	From "Urban Contemporary" to "Adult Hits" - "Flow 93.5" to "93.5 Today"

PA	W277DL	103.3	Chester	Radio"
PA	WUMR	106.1	Philadelphia	"From "Christian Talk" to "Talk" - "WVCH The Christian Station" to "Liberty Radio"
PA	WUMR	106.1	Philadelphia	Calls from "WISX" to "WUMR"
PA	W282CV	104.3	Phillipsburg	From "Soft AC" to "Spanish CHR" - "106.1 The Breeze" to "Rumba 106.1"
TX	K277CX	103.3	San Antonio	From "Classic Hits" to "Adult Hits" - as "107.1 & 104.3 Jack FM"
TX	K233DB	94.5	San Antonio	"Sports Star 1250" moved from K233DB
TX	K239CB	95.7	Tyler	"We 103.3" (KTFM HD-2) moved from K277CX
TX	K239CT	95.7	Longview	From "Sports" to "Classic Hit" - "ESPN East Texas" to "All Hits KDOK"
TX	KLEY	95.7	Jourdanton	From "Nostalgia (Variety)" to "Oldies" - now "The Voice of Longview"
TX	KWFB	100.9	Wichita Falls	From "Regional Mexican" to "Tejano" - "La Ley 95.7" to "Tejano 95.7"
TX	KONE	101.1	Lubbock	From "100.9 Bob FM" to "100.9 Jack FM"
TX	KHHL	103.1	Karnes City	From "101 The Beard" to "Rock 101"
VT	W261DE	100.1	Rutland	From "Regional Mexican" to "Tejano" - "La Ley 95.7" to "Tejano 95.7"
WA	KUBE	93.3	Seattle	From "Talk" to "Sports" - as "Fox Sports 1380"
WI	W251CD	98.1	Superior	From "Rythmic CHR" to "Sports" - "KUBE 93.3" to "KJR Seattle's Sports Leader"
				From "Talk" to "Sports" - "The Talk of the North" to "710 The Game"



Figure 1: WUMR Philadelphia

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

April 2022

AB Harvie Heights 97.9 CBRC-FM PG>1.188kw/-469m	CA Murrieta 104.1 KKLM PG 1.2kw/227m, 33-28-52/117-11-02
AK Juneau 91.7 NEW-762196 NS 250w/399m, 58-23-31/134-42-52 (KTOO Public Media)	CA Muscatel 100.1 K261FF QG from K262DK-100.3, 250w/78m, 36-44-16/119-47-42 (KAAT-103.1 Oakhurst OTA)
AK Saint Mary's 94.3 NEW-754896 NW 55w-V/0m, 62-02-51/163-11-32 (Alaska Brethren Ministries)	CA Needles 92.9 K225DF QG from K281CR-104.1 (KTOX-1340 via Internet)
AK Scammon Bay 94.3 KSCM PC>99w-V/-36m, 61-50-37/165-34-43 (Alaska Brethren Ministries)	CA Sacramento 97.3 KZAC-LP Returned to the air Mar. 15th.
AK Tok 91.9 KUDU PG 300w/-37m, 63-19-52/143-07-10 (KCSH-88.9 Ellensburg, WA.)	CA San Francisco 99.3 K257GE PG 99w-H/243m, 37-45-19/122-27-08 (KZDG-1550 via Internet)
AK Tok 95.9 NEW_775256 PA 99w/-35m, 63-18-36/143-03-18 (Our Fathers World Radio)	CA Tulare 94.9 KBOS-FM PG>17.5kw/260m, 36-38-09/118-56-36
AK Utqiavik 99.7 NEW-773775 PA 99w/8m, 71-17-31/156-46-58; this is the place formerly known as Barrow.	CA Twentynine Palms 101.9 KJVV OFF Mar. 17th, transmitter problems.
AL Huntsville 92.9 W225AH PG<75w/260m (WHKV-106.1 Sylvester, Ga. OTA)	CA Two Harbors 89.1 KCFH PG>45w/553m, 33-23-13/118-24-05
AR Greenland 101.5 KXVB CC from KFMD-FM	CA Visalia 92.9 KFSO-FM PG<17kw/260m
AR Harrison 91.9 KHLR CC from KBPB	CA Walnut 90.1 KSAK OFF Mar. 24th pending upgrades.
AR Walnut Ridge 88.9 KWCV PG>64kw-V/100m, 35-58-31/91-20-09	CA Zuma Beach 99.1 KBUU-LP-FM2 NW 20w-H/-148m, 34-01-51/118-50-21
AZ Ajo 89.3 KZAO PG 820w/257m, 32-21-52/112-52-43	CO Blanca 100.3 KSBK PC>8.28kw/156m
AZ Catalina Foothills 101.1 KXKR PC<11.5kw/-3m, 32-11-13/110-55-01	CO Boulder 102.3 KVOQ-FM3 PC>110w/-47m
AZ Colorado City 91.3 KRGQ NS 100w/-55m, 37-00-01/112-59-48 (Radio by Grace)	CO Colorado Springs 96.5 K243AM OFF. Attachment mangled, appears to be a DOC uploaded to a server that expected a PDF...
AZ Kingman 89.1 NEW-765529 NS 10kw/-22m, 35-21-29/113-51-20 (Nevada Public Radio)	CO Cripple Creek 89.5 K208DZ OFF Feb. 27th pending "required update to the system".
AZ Vail 104.5 KXZK PG>4.1kw/145m, 31-55-39/110-37-59	CO Denver 95.7 KDHT CC from KPPT
CA Bridgeport 89.7 NEW-763573 NS 30w/525m, 38-23-18/119-21-58 (Nevada City Community Broadcast Group)	CO Fleming 88.9 KFLH Calls for new station
CA Camarillo 95.9 KCAQ PG 5kw/223m, 34-17-48/119-16-24	CO Manitou Springs 89.1 K206BZ PG>30w-V/-485m (KEPC-89.7 Colorado Springs OTA)
CA Cartago 90.7 NEW-767781 NS 5.7kw/-340m, 36-12-34/117-59-57 (Lucky Boy Educational Media)	CT Westport 102.1 W271DO License canceled.
CA Coalinga 90.3 NEW-768304 NS 500w/-127m, 36-07-46/120-22-16 (ONDAS DE VIDA)	CT Westport 102.1 W271DO QG from W273CN-102.5, 250w-V/66m, 41-13-14/73-14-17 (WSHU-FM 91.1 Fairfield OTA)
CA Dinuba 98.9 KSOF PG<17kw/260m, 36-38-09/118-56-36	DE Georgetown 100.9 W262BF QC from 100.3, 250w/52m, 38-37-34/75-14-01 (WJWL-900 OTA)
CA Dulzura 89.1 NEW-768226 NS 300w/109m, 32-45-24/116-42-00 (Activist San Diego)	FL Big Coppitt Key 100.9 NEW-768989 PA 25kw/83m, 24-39-34/81-32-17 (Spottswood Partners II)
CA King City 104.7 KSGG NW 150w/30m, 36-12-25/121-08-19	FL Eastpoint 89.5 NEW NS #56 (Centro Familiar de Restauracion y Vida)
CA Monterey 102.9 K275CU QG from K221FZ-92.1, 250w-H/161m, 36-33-13/121-47-00 (KARW-97.9 Salinas via Internet)	FL Egypt Lake 102.1 W271DL PG>250w/176m, 27-50-53/82-45-48 (WTMP-1150)
CA Mount Laguna 88.1 NEW-767224 NS 18w/758m, 32-53-31/116-25-11 (Calvary Chapel Pearl Harbor)	FL Fort Lauderdale 106.7 WXDJ PG 98kw/302m, 25-58-08/80-13-19
	FL Fort Myers 96.9 WINK-FM PC 100kw/453m
	FL Jupiter 103.9 WJUP-LP PC<20w/66m, 26-56-17/80-04-16

FL Kissimmee 95.7 WNKQ-LP PC 22w/62m
 FL Miramar 98.7 W254DV NW 235w-V/293m, 25-58-16/80-12-31 (WRHC-1550 Coral Gables via Internet)
 FL Nokomis 107.5 W298AV XC 250w/56m, 27-09-04/82-27-50 (WENG-1530 Englewood via Internet)
 GA Augusta 97.3 WMFJ-LP PC 20w/67m, 33-25-16/82-04-14
 GA Canton 102.5 W273CT PG>250w/206m, 34-16-26/84-31-32 (WYYZ-1490 Jasper studio feed)
 GA Clayton 91.7 NEW-764267 NS 6.7kw/98m, 34-50-24/83-24-40 (Solid Foundation Broadcasting Corporation)
 GA Clayton 96.3 W242DI PG 250w/391m, 34-54-24/83-24-56 (WHTD-1400 Elberton via Internet)
 GA Collins 90.7 NEW-765825 NS 5.4kw/108m, 32-03-51/82-19-25 (Tococa Foundation)
 GA Milledgeville 89.3 NEW-766434 NS 4kw/101m, 33-11-58/83-06-30 (Truth Media)
 GA Rossville 96.1 W241AF XG 35-00-36/85-20-36 (WFLI-1070 Lookout Mountain, TN. via Internet)
 GA Warner Robbins 91.9 W220EP PG 160w/77m, 32-32-37/83-27-54 (WGLU-102.5 OTA) (interestingly, the primary spells "Warner Robbins" differently(grin))
 GA Warner Robins 102.5 WGLU PG>4.6kw/100m, 32-34-20/83-40-15
 GA Waycross 97.7 WWUF PC<2kw/100m, 31-15-50/82-17-29
 HI Hanalei 105.5 K288HK PG 250w, 22-12-50/159-28-43 (KQNG-FM 93.5 Lihue OTA)
 HI Honolulu 94.7 KUMU-FM PC>100kw/565m, 21-23-34/158-05-48
 IA Albia 88.7 NEW-768479 NS 6kw/89m, 41-03-56/92-50-47 (St. Gabriel Communications)
 IA Des Moines 90.9 K215FN OFF Mar. 3rd, reason not given.
 IA Pleasantville 88.5 NEW-769021 NS 1kw/50m, 41-23-11/93-15-39 (KEVIN J. YOUNGERS)
 IL Aurora 107.9 WLEY-FM XG 6kw/388m, 41-53-56/87-37-23 (aux) (John Hancock Center, Chicago)
 IL Carol Stream 88.5 WWAD Calls for new station
 IL Cloverdale 99.1 W256DU OFF Mar. 18th pending delivery of replacement parts.
 IL Elmhurst 88.7 WRSE Returned to the air Mar. 15th
 IL Mount Vernon 94.5 W233CY PG<250w/24m, 38-18-31/88-58-02 (WMCL-1060 McLeansboro studio feed)
 IL Rock Island 98.9 WLKU PC<36kw/265m, 41-18-45/90-22-46 (KLVR-91.9 Middletown, Cal.)
 IN Morgantown 90.9 WBKC PG 3.2kw/142m, 39-18-37/86-29-24
 IN New Castle 91.5 WONS Calls for new station
 IN Wheatfield 90.9 WXPB Calls for new station
 KS Hardtner 88.9 NEW-766516 NS 750w/76m, 37-01-27/98-41-24 (LIBERTAD EN CRISTO MINISTRIES)
 KS Lundsberg 95.5 KVOB OFF Mar. 5th, LMA agreement breached.
 KS Manhattan 90.9 K215FP QG from K214CZ-90.7, 170w/93m, 39-14-48/96-39-37 (WPCS-89.5 Pensacola, Fla. via satellite)
 KS Minneapolis 92.7 KZUH OFF Mar. 5th, LMA agreement breached.
 KY Hopkinsville 93.9 W230DH PC>100w-V/59m, 36-55-41/87-

32-50 (WHOP-1230 via Internet)
 LA Monroe 104.7 K284DE PC>250w/120m, 32-29-42/92-11-10 (KLXE-93.5 Calhoun OTA)
 LA Port Allen 95.7 K239CX PG>140w/198m, 30-21-59/91-12-47 (WXOK-1460 via Internet)
 MA Edgartown 91.5 NEW-768062 NS 1kw/45m, 41-23-03/70-31-28 (Friends of myradio)
 MA Lee 88.1 WSBR-FM Calls for new station
 MB Winnipeg 97.5 CJKR-FM PG>93.9kw/185m, relocated
 ME Bethel 91.3 NEW_762449 NS 1.5kw/4m, 44-25-42/70-46-44 (Maine Public Broadcasting Corporation)
 ME Lincoln 91.5 WWLN QG from 90.5
 ME Presque Isle 91.1 NEW-762669 NS 500w/-11m, 46-40-15/68-00-58 (University of Maine System)
 ME Rumford 91.1 NEW-767693 NS 300w/-117m, 44-32-44/70-33-24 (River Valley Community Association)
 ME Trevett 91.5 NEW-766838 NS 1kw/29m, 43-53-11/69-40-31 (Barthers Island Baptist Church)
 MI Adrian 88.7 NEW_768776 NS 7kw/71m, 41-54-12/83-59-13 (Smile FM)
 MI Boyne City 100.5 W263CD OFF Mar. 1st, previous owner didn't renew tower lease. New owners signed new lease but weather hasn't permitted reinstallation of equipment.
 MI Port Sanilac 88.7 NEW_767358 NS 2kw/59m, 43-26-20/82-40-07 (WV Central Michigan Media Ministries)
 MN Grand Portage 98.1 WOTO License canceled Feb. 28th.
 MN New Market Elko 88.1 NEW_768186 NS 100w/41m, 44-34-09/93-24-34 (PODEROSA BROADCASTING)
 MO Bay St. Louis 89.3 NEW-764349 NS 1.25kw/115m, 30-26-43/89-18-08 (Public Radio)
 MS Fidelity 88.1 NEW-766494 NS 1.25kw/83m, 37-04-40/94-08-03 (Radio By Grace)
 MT Billings 101.1 KFHW-LP PG 100w/-32m, 45-47-47/108-27-47
 MT Dillon 91.7 K219DN OFF Mar. 10th, displaced by KUMW.
 MT Dillon 91.7 KUMW LC 1kw/-62m, 45-12-33/112-38-17
 MT Worden 95.5 KCHH PG<100kw/152m, 45-45-59/108-27-21
 NC Bryson City 94.1 W231DQ PC<250w/262m, 35-24-47/83-30-02 (WBHN-1590)
 NC Mayodan 89.5 WJHW PG>2.6kw/113m
 NC Roxboro 104.1 W281CP QG from W279BW-103.7, 250w-V/187m (WPTF-680 Raleigh OTA)
 NC Sedalia 103.5 W278AM OFF Jan. 31st, lost lease.
 NE Bennington 93.3 KFFF PG 1kw/361m, 41-18-16/96-01-42
 NE Columbus 88.7 NEW-763016 NS 10kw/51m, 41-26-21/97-23-45 (Nebraska Educational Telecommunications Commission)
 NE Culbertson 89.5 KEZL CC for NS
 NE O'Neill 88.7 NEW-763235 NS 25kw/87m, 42-31-23/98-53-32 (MyBridge Radio)
 NE O'Neill 91.5 NEW-767820 NS 1.2kw/80m, 42-27-31/98-34-48 (VSS Catholic Communications)
 NJ Paterson 93.1 WPAT-FM PG<4.8kw/415m, 40-44-54/73-59-09
 NM Clovis 88.1 NEW-762138 NS 1kw/62m, 34-26-20/103-12-40 (Bible Broadcasting Network)
 NM Columbus 91.3 NEW-766743 NS 1kw/-11m, 31-49-44/107-38-29 (Radio Bilingue)

NM Deming 89.5 NEW-768536 NS 1kw/20m, 32-15-59/107-45-28 (City of Deming)
 NM Hatch 91.9 NEW-764204 NS 1kw/786m, 32-58-17/107-13-27 (Radio Bilingue)
 NM Hope 89.3 NEW-767839 NS 25kw/169m, 32-55-34/105-13-42 (Labor Neighbor Research & Training Center)
 NM Loving 88.5 NEW-768749 NS 25kw/88m, 32-17-03/104-04-43 (Southern United Neighborhoods)
 NM Roswell 88.1 NEW-768312 NS 5kw/42m, 33-23-36/104-37-29 (New Hope Baptist Church - Roswell)
 NM Santa Rosa 106.9 K295DC PG 250w/-13m, 34-56-43/104-39-33 (KANR-91.9 OTA)
 NM Tucumcari 88.1 NEW-766483 NS 1kw/208m, 35-08-09/103-41-58 (Grace Community Church of Amarillo)
 NV Beatty 90.3 NEW-767540 NS 150w/539m, 36-56-08/116-51-03 (Lucky Boy Educational Media)
 NV Ely 98.5 K253CJ NW 250w-V/-206m, 39-15-52/114-51-54 (KELY-1230 studio feed)
 NV Las Vegas 100.1 KHSJ-LP Returned to the air Mar. 2nd.
 NV Las Vegas 103.1 K276GX PG>250w/-63m; PC (KBET-790 Winchester)
 NV Spring Creek 103.9 KBGZ Operating at 75% power since Mar. 25th transmitter failure.
 NV Yerington 89.7 NEW-765468 NS 100w/-102m, 38-59-32/119-09-50 (Nevada Public Radio)
 NY Belmont 88.1 NEW_766920 NS 5kw/221m, 42-02-30/78-00-25 (Calvary Chapel Of Russell)
 NY Ellenburg 88.9 NEW_767429 NS 200w/160m, 44-51-11/73-58-27 (The St. Lawrence University)
 NY Little Valley 105.9 WGWE RA Feb. 28th.
 NY Norwood 96.1 WVLF OFF Feb. 25th, transmission line damage in storm.
 OH Circleville 101.9 W270DW QG from W216CN-91.1, 250w/75m, 39-37-11/82-52-24 (WLOH-1320 Lancaster via Internet)
 OH New Boston 106.7 W294CN PG>106w/176m, 38-43-22/83-00-05 (WIOI-1010 via microwave)
 OH Proctorville 91.9 WHKU PG>3.5kw/128m, 38-25-17/82-23-47 (KLVR-91.9 Middletown, Cal.)
 OK Alva 97.5 KPAK OFF Mar. 21st pending equipment replacement.
 OK Fairview 88.7 NEW-764004 NS 200w/105m, 36-13-25/98-36-08 (Great Plains Christian Radio)
 OK Quapaw 88.1 NEW-768755 NS 100w/93m, 36-54-36/94-45-13 (Sacred Heart Parish)
 OK Sweetwater 90.7 KVWD Calls for new station
 OR Arock 91.7 NEW-762642 NS 43kw-H/676m, 42-53-01/117-27-49 (WESTERN INSPIRATIONAL BROADCASTERS)
 OR Ashland 90.5 NEW-766392 NS 200w/605m, 42-11-50/122-29-34 (Idaho Conference of Seventh-day Adventists)
 OR Eugene 90.7 K214CI PG>19w/726m (KLVU-107.1 Sweet Home OTA)
 OR Glendale 91.3 KDXA PG>70w/784m, 42-41-48/123-13-43
 OR Glide 90.5 NEW-766530 NS 500w/557m, 43-11-45/123-07-01 (Umpqua Watersheds)
 OR Powell Butte 106.9 K295DB QG from K294CV-106.7, 250w-

V/573m, 44-11-51/120-58-41 (KKJA-89.9 Redmond OTA)
 OR Vale 91.9 NEW-768694 NS 100kw/-7m, 43-53-14/117-32-02 (Calvary Chapel Meridian)
 PA Bedford 88.7 NEW_762537 NS 1w-H/600w-V/44m, 39-58-47/78-33-06
 PA Chambersburg 93.3 WYPM QC from 102.9, 350w/412m, 40-03-00/77-44-51
 PA Columbus 89.3 NEW_767010 NS 6kw/116m, 41-55-24/79-49-37 (Calvary Chapel Of Russell)
 PA Philadelphia 106.1 WUMR CC from WISX
 PA Scranton 104.5 W283BE PG>197w/379m, 41-25-36/75-44-51 (WGMF-730 Nanticoke via W260DV)
 PA South Williamsport 99.3 WZXR PG 420w/372m, 41-13-05/76-57-26
 PA State College 104.3 W282CV QC from W281CB-104.1, 250w/337m, 40-55-10/77-58-27 (WPHB-1260 Philipsburg via Internet)
 SC Conway 98.9 W255BZ PG>250w/58m, 33-51-10/79-03-24 (WNMB-900 North Myrtle Beach OTA)
 SC Marion 88.5 NEW-768332 NS 900w/38m, 34-15-02/79-20-21 (Church Planters of America)
 SC St. Matthews 98.7 W254CE XG 33-45-47/80-49-22 (WFMV-620 Cayce via Internet)
 TN Jamestown 92.5 WSAB-LP PG 10w/94m, 36-24-20/84-55-40
 TN Lookout Mountain 97.7 W249BR OFF Mar. 7th pending repairs to damaged antenna.
 TN Woodbury 107.1 W296EN QG from W299DD-107.7, 250w-V/97m (WBRY-1540 via Internet)
 TX Allen 103.3 KVDI CC from KESN
 TX Amarillo 88.3 KJRT PC>60kw-H/74m
 TX Bedia 90.3 NEW-765847 NS 275w/31m, 30-44-47/95-54-28 (Brazos TV)
 TX Big Spring 88.9 KRGK CC for NS (Grace Community Church of Amarillo)
 TX Big Spring 88.9 NEW-766480 NS 250w/107m, 32-13-18/101-27-35 (Grace Community Church of Amarillo)
 TX Big Spring 91.5 KBCX PG>700w/120m, 32-10-59/101-27-56 (WAFR-88.3 Tupelo, Miss.)
 TX Blackwell 88.7 NEW-768983 NS 200w/-2m, 32-05-05/100-20-50 (Radio Inc.)
 TX Burke 97.7 KAGZ PC>32kw/166m, 31-21-39/94-38-55
 TX Childress 91.1 KRGD Calls for new station
 TX Childress 95.3 K237EE NW 100w-V/24m, 34-23-18/100-11-00 (KPBC-LP 93.1 OTA)
 TX Chillicothe 90.7 KVRG CC for NS (Solid Rock Foundation)
 TX El Paso 91.5 NEW-768732 NS 10kw/42m, 31-49-53/106-05-44 (Call Communications Group)
 TX Encinal 99.7 KYLQ Returned to the air Mar. 15th
 TX Fort Stockton 91.9 NEW-764354 NS 100kw/64m, 30-52-12/102-53-21 (Christian Ministries of the Valley)
 TX Ganado 94.9 KEON CC from KHTZ
 TX Huntsville 89.1 K206CJ PG 92w/136m, 30-42-13/95-28-34 (WPCS-89.5 Pensacola, Fla. via satellite)
 TX Jacksboro 90.3 KQMP Calls for new station
 TX Knippa 91.5 NEW-768087 NS 2.3kw/90m, 29-17-38/99-39-08 (Centro Cristiano de Vida Eterna San Antonio)

TX Memphis 88.5 KYRG CC for NS (Solid Rock Foundation)
 TX Moran 104.1 KCKB PG<6kw/92m, 32-22-30/99-04-06
 TX Mount Pleasant 90.1 KQYR Calls for new station
 TX Mount Pleasant 92.5 KKXI-LP PG 100w/30m, 33-03-25/94-52-28
 TX New Falcon 89.7 NEW-768172 NS 3kw/77m, 26-46-30/99-07-10 (Texas Public Radio)
 TX Olney 104.3 KBVP NW 25kw/100m, 33-25-17/98-43-46
 TX Olney 104.3 KBVP PG>25kw/100m, 33-25-17/98-43-46
 TX Pecos 88.5 NEW-768422 NS 800w/-2m, 31-21-55/103-33-44 (Christian Television Radio Ministry)
 TX San Benito 106.3 KHKZ XC 25kw/100m, 26-08-36/97-49-56
 TX Sanderson 105.1 KEVK-FM Returned to the air Mar. 15th
 TX Seminole 91.5 NEW-766479 NS 7kw/61m, 32-44-47/102-40-18 (Grace Community Church of Amarillo)
 TX Shamrock 88.3 NEW-767120 NS 2.5kw/151m, 35-13-30/100-13-27 (Top O' Texas Educational Broadcasting Foundation)
 TX Spur 99.9 KDSP-FM Returned to the air Mar. 21st.
 TX Stinnett 88.5 KZWD CC for NS (Solid Rock Foundation)
 TX Stratford 91.5 KUHC PR>300w/25m, 36-20-01/102-04-31
 TX Tulia 88.1 K201HZ PG>250w/89m (KRBG-88.7 Umbarger via Internet)
 TX Turkey 96.7 KYLB Returned to the air Mar. 21st.
 UT Navajo Mountain 103.5 KPGX PC>600w-H/1499m, 37-02-03/110-52-12
 UT St. George 89.9 NEW-768714 NS 1.55kw/197m, 37-17-22/113-16-36 (Advance Ministries)
 UT Washington 90.7 NEW-765525 NS 450w/182m, 37-17-22/113-16-36 (Nevada Public Radio)
 VA Charlottesville 105.5 W288ED NW 250w-H/88m, 38-15-

57/78-24-52 (WVCV-1340 Orange via Internet)
 VA Charlottesville 105.5 W288ED XG 250w-H/88m, 38-15-57/78-24-52 (WVCV-1340 Orange)
 VA Lynchburg 102.3 W272EO QG from W271DB-102.1, 120w/190m (WGVY-1000 Altavista via Internet)
 VA Portsmouth 95.3 W237FM QG from W233DA-94.5, 99w/145m, 36-48-37/76-16-57 (WPCE-1400 via Internet)
 VI Charlotte Amalie 107.3 WVIE OFF Mar. 22nd pending modifications.
 VT Bristol 89.1 WXLQ PG>1.2kw/183m, 44-13-30/73-07-29
 WA Aberdeen 91.5 NEW-768219 NS 1.8kw/-40m, 47-02-40/123-51-49 (Cascade Christian Broadcasting)
 WA Mesa 104.5 KZJJ PG>14kw/83m, 46-25-25/119-04-56
 WA Ocean Shores 88.9 NEW-762146 NS 6kw/60m, 47-12-17/124-09-51 (CITY OF OCEAN SHORES)
 WA Spokane 100.3 KVFS-LP QG from 89.9, 50w/-60m, 47-38-54/117-24-18
 WA Tacoma 90.3 K212GL PG 65w/14m, 47-04-08/122-17-32 (WZXX-88.5 Lawrenceburg, TN. via Internet)
 WI Rhinelander 96.5 WNWV OFF Mar. 4th (or 5th or 6th?, not clear); falling ice damaged transmission line.
 WV Montgomery 98.3 W252DT NW 250w/-135m, 38-10-38/81-18-50 (WMON-1340 OTA)
 WV Moorefield 88.5 NEW_765748 NS 80w/550m, 39-02-15/79-05-25 (Light of Life Community)
 WV Rock Cave 91.5 NEW-768444 NS 1.6kw/115m, 38-44-54/80-21-47 (Araiza Revival Ministries)
 WV St. Albans 105.5 W288DP NW 250w/103m, 38-24-13/81-53-46 (WJYP-1300 OTA)
 WY Winchester 91.7 KKBE Calls for new station



"One day, son, all of these perfectly good A.C. adapters, which have long outlived the products they were originally designed for, will be yours."

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: DTV () FM () 30-50() Weather()

Email Address _____

I enclose \$ _____ for _____ years membership.

Mail your dues to: WTFDA, P.O. Box 501, Somersville, CT USA 06072
Make your checks or money orders payable to WTFDA
Note: Memberships cannot be processed without a valid email address.
Thanks for your support of the WTFDA!

Downloading The V.U.D.

Go to <https://www.wtfda.org>

Click on the menu item Login (Priv.)

Enter the word edison for your username.
 Enter the word veronica for your password.
 Make sure both are completely in lower case.

When the "index of /Members" box appears, right click on the VUD filename and download it and save it to your computer.

*Your password will not change unless we tell you and we will give you all advance notice if we need to change it.

The screenshot shows the WTFDA website interface. On the left is a vertical navigation menu with the following items: MENU, HOME, FM Database, WTFDA Forums, Tech Library, Statistics, Links, Mewe-Group (priv.), Prop_Logger (priv.), and Login (Priv.). The 'Login (Priv.)' item is highlighted with a dark background and has a black arrow pointing to it. Below the menu, there is a red text prompt 'CLICK HERE!' followed by the login details: 'Username: edison' and 'Pwd: veronica'. The main content area on the right features a banner for 'The Worldwide TV-FM DX Association' with the URL 'https://www.wtfda.org' and the heading 'What is the WTFDA?'. Below the banner is a smaller image of a sign for the association and a paragraph of text explaining DXing and the association's role.