



# VHF-UHF DIGEST

*The Official Publication of the Worldwide TV-FM DX Association*

SEPTEMBER 2022



**The tower farm on Penobscot Knob in Mountain Top, PA.**

Photo courtesy of Jon Klingerman

# 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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## SEPTEMBER 2022

Another Es season has come and gone. For some folks it hung on toward the middle of August and then it quit for good. I find that it never lives up to my expectations. This season definitely was not as exciting as last summer, but for Bryce Foster and Randy Zerr, I think it probably was even more so. I'm happy for them.

One thing I learned from this season is that double hop FM Es is almost common between east and west coast as long as the receiving station is out in the middle of the Nevada desert with a nearly clear FM band. Another thing is that multihop FM Es is possible from continental Europe to the east coast if you monitor below 88mhz and are lucky enough to notice a one to two minute opening on just the right channel at the precise time on the precise day, preferably on the first few days of July.

I'm still waiting for August renewals from Danny Buntin, William Hein, Kyle Jensen, William Lamont, Jeff Lehmann and Rick Lewis. And last call for July renewals from Randy Zerr, William Swiger, Eric Sundius, Gary Siegel, Curtis Sadowski and Stephen Ehrhardt.

The WTFDA forums continue to be down. Work is being done to restore the sql database. As of today, September 3, we have no ETA for when the site will be back up and running again. All I can say is that people are working on it.

The WTFDA database has been moved to another virtual server with our webhost and, from my perspective, seems to be running pretty darn quickly and smoothly. We had a record one day in July when over 800 people visited the database in a 24 hour period. That kind of acceptance from the users out there makes all of the time a bunch of us spend sitting in front of a monitor updating the db worthwhile. Thank you!

That is it for this issue. Thanks for reading. - 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](mailto:store@wtfda.org)



# RDS 101

**Campus - Worldwide TV-FM DX Association  
First Term 2022-2023**

**This paper originated in the United Kingdom.  
It's been updated and edited by Jim Thomas**

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# Welcome to **RDS 101**

***An overview or tutorial about the basics of RDS, the radio data system used on FM transmissions for carrying data.***



RDS or Radio Data System is standard on most car radios and hi-fi tuners today. RDS is used on VHF FM radio broadcast transmissions and provides a number of facilities that are of great use to all radio listeners, but particularly to those radio listeners in cars. RDS enables traffic reports to be received more easily, and provides many facilities including enabling the radio station name to be displayed on the radio display.

The system has gained a considerable amount of popularity and is widely used in Europe where it has been established for a number of years. It's now just really starting to take off in North America.

## ***RDS, Radio Data System Development***

The Radio Data System development took place mainly in Europe where it was first launched and deployed.

The first developments took place in Germany where the system was developed to place traffic information onto FM broadcasts using a 57 kHz subcarrier.

This trial development was taken up by the European Broadcasting Union, EBU when in 1974 their technical committee proposed a development of the German project to carry traffic information as well as other data. It would also allow automatic re-tuning of a receiver when it went outside the range of one transmitter, and it would provide facilities such as program information and more.

Using experience from the original scheme as well as a modulation format from a Swedish paging system and baseband coding developed by the British Broadcasting Corporation, BBC, and the Irish radio broadcaster, IRT, the first RDS specification was launched in 1984.

The standard was subsequently enhanced in 1991 with features including alternative frequencies functionality and it was published under the auspices of the European Committee for Electrotechnical Standardization - CENELEC.

In North America the idea was taken up and the US National Radio Systems Committee issued their version known as the Radio Broadcast Data System, RBDS in 1992.

The CENELEC standard was updated in 1992 with the addition of Traffic Message Channel and in 1998 with Open Data Applications and, in 2000, RDS was published worldwide as IEC standard 62106.

# RDS 101

## ***RDS Facilities***

The RDS system offers a wide range of very useful facilities. The most widely publicized one is that of being able to provide travel news. This is available on most local radio stations. All of these stations transmit the TP code to identify that travel messages are flagged by RDS. When the radio is set for travel news it will only tune to stations which carry the TP indication. As the station is about to broadcast a travel announcement the TA code is transmitted. If a CD or cassette is being played then most sets will actually pause the CD or tape and then allow the travel announcement to be heard. In addition to this the volume may also be set slightly higher to allow the announcement to be heard more easily.

## ***Autotuning***

RDS brings intelligence into the tuning of a radio. The autotuning facility comes into its own on long journeys when the car moves from the service area of one transmitter to the next. Without RDS the radio has to be manually tuned to the next station. This is not always easy because it is difficult to reliably detect which is the strongest station.

An RDS set will look for the Program Identification or PI code. A national network will be broadcast from a large number of different transmitters around the country. The station or network Radio 4 will have its own PI code. When the radio moves out of the range of one transmitter the radio will seek the strongest signal which has the same PI code, allowing the radio to remain tuned to the same program.

When radios fitted with RDS store a station frequency, they also store the PI code along side it. This has the advantage that when the radio is turned on in a place outside the coverage area for the transmitter frequency which is stored then the radio will seek the strongest signal which has the correct PI code.

Local radio stations also have a PI code. In view of the local nature of these stations the PI code works slightly differently.

If the station has two or more transmitters then the PI code will operate in the normal way when it is range of these transmitters. However when the radio moves outside this coverage area it will re-tune to the strongest signal of the same type of station.

The PI code consists of four characters. The first indicates the country of origin and for the UK this is C. The next one indicates the type of coverage. The figure "2" indicates a national station, and the final two characters are the program reference. For example Radio 3 has the PI code C203 and BBC GLR has C311.

## ***RDS instant tuning***

It takes a number of seconds for the radio to search for the strongest signal with the correct PI code. During this time the radio would mute itself and the listener would have an annoying gap in listening. To enable the set to tune itself very quickly from one transmission to the next each transmitter broadcasts a short list of frequencies of adjacent transmitters. This vastly reduces the amount of seeking which the radio set has to perform. In addition to this a second front end is often employed to constantly detect the strength of the alternative frequency transmissions. This results in much faster changes in setting - to the extent that the listener should not be able to detect when the radio changes from one transmitter to another.

# RDS 101

Another facility associated with tuning is called the Program Service Name (PS). This enables the set to display the station name. This normally takes a second or two to come up on the display after the station has been tuned in. However it is a most useful facility with the ever-increasing number of stations on the air.

## **Additional RDS facilities**

A new feature which has been added to RDS is called Enhanced Other Networks (EON). This allows the set to listen to one station like a national network, but still be interrupted by travel news from a local radio station. This feature even allows announcements to be heard while traveling in silence or listening to another source.

EON requires a large amount of co-ordination between the different stations. To achieve this the BBC have a central computer specifically for this purpose. When a local radio station is about to transmit a traffic message the fact is flagged to the computer. In turn this directs the relevant national radio transmitters to indicate this fact, thereby enabling the radios to change frequency to the local radio station to receive the message. Once the message is complete the radio will return to its original station.

EON is relatively new and the first sets to have it included only appeared in 1991. Although it is being introduced on more sets, the majority still does not have it. However with manufacturers constantly bringing new sets onto the market EON should be included on far more sets in a year or two.

## **RDS PTY**

One of the key elements of RDS is that it is possible to identify the type of station.

Each RDS transmission carries an RDS PTY code, and this indicates the "Program Type".

The RDS PTY code has a given value and this indicates the type of program material carried.

The RDS PTY codes have slightly different categorizations dependent upon whether the stations are in Europe or North America. For Europe the RDS Forum developed the standards, whereas within North America the system is known as the RBDS, Radio Broadcast Data System. When the RBDS standard was developed, no attempt was made to match the original RDS plan for PTY type numbers.

### **RDS PTY Code - RDS Program Type**

#### **Europe - North America**

- 0 No program type defined - No program type defined
- 1 News - News
- 2 Current affairs - Information
- 3 Information - Sport
- 4 Sport - Talk
- 5 Education - Rock
- 6 Drama - Classic Rock
- 7 Culture - Adult Hits
- 8 Science - Soft Rock
- 9 Varied - Top 40
- 10 Popular Music (Pop) - Country Music
- 11 Rock Music - Oldies (Music)
- 12 Easy Listening - Soft Music
- 13 Light Classical - Nostalgia
- 14 Serious Classical - Jazz
- 15 Other Music - Classical
- 16 Weather - Rhythm & Blues
- 17 Finance - Soft Rhythm & Blues
- 18 Children's Programs - Language
- 19 Social Affairs - Religious Music
- 20 Religion Religious - Talk
- 21 Phone-in - Personality
- 22 Travel - Public
- 23 Leisure - College
- 24 Jazz Music - Not assigned
- 25 Country Music - Not assigned
- 26 National Music - Not assigned
- 27 Oldies Music - Not assigned
- 28 Folk Music - Not assigned
- 29 Documentary - Weather
- 30 Alarm Test - Emergency Test
- 31 Alarm - Emergency



RDS has been successfully in use for many years,. However there are many RDS acronyms or abbreviations that are used with RDS.

The RDS acronyms can be confusing as they are not always mentioned in the literature associated with a particular radio, or the instruction manual may be lost.

The common RDS acronyms and abbreviations relate to the various operational modes and facilities. These RDS acronyms are widely used in view of the fact that within countries that have adopted the system, most car radios today incorporate RDS as standard.

## RDS Radio Data System Acronyms and Abbreviations

### *RDS Code - Meaning - Description*

AF - Alternative Frequencies. A list of a station's frequencies in adjacent transmitter areas.

CT - Clock Time and Date. Data containing time and date information that the receiver can display. Using this signal has the advantage over a self-contained clock in the radio that it adjusts itself to changes when switching time zones and it does not lose or gain time.

DI - Decoder Information. This signal allows for miscellaneous function in the radio to be controlled.

EON - Enhanced Other Networks. Information transmitted giving the radio a cross-reference to other stations for Travel service and other features.

MS - Music/Speech. This allows for the relative levels of speech and music to be altered.

PI - Program Identification. This is a station code used in conjunction with AF data to provide automatic tuning to the best signal for a chosen service.

PIN - Program Identification Number. This signal identifies a given program and allows the radio to turn itself (and possibly a recorder) on for that program.

PTY - Program Type Selection. A signal which allows for the selection of listening by one of 15 types of programs rather than by the station.

PS - Program Service Name. A signal which enables the name of the station to be displayed.

RT - Radio Text. This allows information about the program to be displayed by the radio.

TDC - Transparent Data Channel. This allows for data to downloaded via RDS.

TP/TA - Travel Service. These signals enable the travel information to be heard, regardless of the choice of listening.



# RDS 101

**A sampling of  
RBDS displays  
in the  
North American  
radio market.**



**GM Silverado**



**Sony XDR-F1HD**



**Sangean PR-D17**



**SDR Console v3**

# MOG -Meteor Scatter Antenna on the Ground

Les Rayburn



For the past several days, I've been experimenting with a new approach to meteor scatter DXing. I mounted an FM6 (six-element Uda-Yagi antenna) on the ground, pointing straight up.

The goals for the antenna arrangement are numerous:

- Reduce the noise floor in my suburban neighborhood by having the antenna point towards the “cold sky” and away from man-made noise sources. The design has been successful in that regard. The noise floor is down to -115 dBFS on the quietest channels.
- Encourage reception of NVIS (Near-Vertical Incidence Skywave) signals. This should allow me to overcome local terrain, filling in stations from Atlanta and Nashville.
- Increase success on Ms in general, which has had only modest results using the FM6 in a horizontal mounting, low to the ground, and the Korner 9.2, mounted higher.

The first night of testing had no RDS decodes. I also recorded the audio on an MP3 file, and couldn't hear any noticeable pings despite recording for over 9 hours.

Last night, I moved the antenna to point almost due South at 180 degrees. Still no RDS decodes, but the audio file contained several very loud pings were crystal clear audio game in from at least nine different stations—all on 94.7 FM.

None could be identified, though I have a tentative ID on WGSQ 94.7 in Cookeville, TN. This 100 kW station is 218 miles from here and a frequent visitor with just a bit of tropo enhancement. But I've never heard them on Ms—and their audio of the Tennessee Titans football game against Tampa Bay was crystal-clear for about 20 seconds. The play-by-play announcer, Mike Keith, is very familiar to me. WJOX 94.5 carries Titans football, so I hear it all season long.

WGSQ is the only station listed on 94.7 that carries Titans football. I also heard a station carrying Georgia news that I strongly suspect was WULK in Crawfordville, Georgia. So I was pleased.

After about ten minutes worth of pings every 30-60 seconds, the file went silent. I suspect I have a short in the cable, balun, or connectors. I need to troubleshoot that ASAP.

Once repaired, I plan to record an I/O file so that I can attempt multiple playbacks for RDS decode. Certainly, some of the pings were loud enough.

Thoughts, suggestions for improvement, etc. would be most welcome.

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I switched out my Arrow Antenna yagi with the Stellar Labs yagi aiming upward, and it's working for meteor scatter. I'm seeing a lot of Ms pings on the SDR spectrum while sitting and watching. I don't recall ever seeing any live pings with my horizontally polarized roof-mounted yagi. So the pings are plentiful. I just had 102.7 WJXX Appomattox, VA decode with RDS using this antenna. Its working! -Andrew Knafel

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This is fascinating experimentation! I'm not sure I'd ever have thought to point an FM yagi upwards (although they do sell moon-bounce rotors that do that). I can tell you that my experience in PEI with a big yagi (APS-13) showed how incredibly directional receiving MS could be. When pointed at 250 degrees nearly ever capture was +/- a few degrees while turning towards 230 degrees again everything was +/- a few degrees. Which makes me wonder about the NVIS. I'd guess that horizontal to the ground the only part of the antenna that is working is the one driven element (where the coax connects). Basically it acts like a single element dipole for groundwave signals (or any tropo). But for signals coming from above the gain of the entire antenna comes into play, so maybe 6dB of gain (4x the single element). My next thoughts are how to tweak this...

1. Maybe rotate the upright antenna, still pointing upright, to reduce local signals. Again thinking that the driven element is the only element involved in ground based reception. In theory if you have a problem antenna farm point one tip of the driven element towards the locals. That may reduce local signals and maybe have no effect on the skywards signals.
2. Maybe add some tilt? Assuming the yagi works (has 6dB of gain off the front end) as it does when mounted horizontally you would think that pointing straight up would not be pointing exactly at where the MS reflections are happening. Instead would it help to aim at the horizon, maybe >60 degrees off the ground?
3. Meteor Scatter shower listings usually say where in the sky to look. If #2 really works maybe actually pointing at a specific spot could bring even better signals in?

I have an FM6 I might try doing this with myself although I'm also trying to get ready for a MW DX trip to Newfoundland in October. I'm bringing along the FM setup again (flying to NL, so a huge project of it's own) and hoping for more incredible MS like I had in PEI. The Orionids shower happens while I'm there too so, fingers crossed that it's amazing. -Bill Nollman

# TV News – September 2022

**Douglas E. Smith**  
**Nashville, TN**  
[dougw9wi@gmail.com](mailto: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.

## Alabama

Birmingham	24	WTBM-CD	Requests power increase to 15kw/289m, 33-29-19/86-47-58; granted.
<b>Birmingham</b>	<b>30</b>	<b>WIAT</b>	<b>Power reduced (slightly) to 1000kw/420m, 33-29-02/86-48-21.</b>
Huntsville	32	WTHV-LD	Requests power increase to 15kw/515m, 34-42-39/86-32-07; granted. Calls changed from WMJN-LD. Increased.
Montgomery	29	W29FP	Requests power increase to 4.6kw/100m, 32-22-28/86-17-08; granted.
Selma	35	W35EE	Calls changed from K35OX.

## Alaska

Akhiok	9	K09UD	License canceled Aug. 31st.
Akutan	9	K09RH	License canceled Aug. 26 <sup>th</sup> .
Anuktuvuk Pass	9	K09RS	License canceled Aug. 27th.
Anvik	7	K07RE	License canceled Aug. 26 <sup>th</sup> .
Atka	4	K04LJ	License canceled Aug. 27th.
Atmautluak	12	K12NP	License canceled Aug. 26 <sup>th</sup> .
Cantwell	2	K02KK	License canceled Aug. 26 <sup>th</sup> .
Chitina	9	K09NF	License canceled Aug. 27th.
Coffman Cove	13	K13SZ	License canceled Aug. 26 <sup>th</sup> .
Copper Center	12	K12MO	License canceled Aug. 31st.
Cordova	9	K09OR	License canceled Aug. 31st.
Egegik	9	K09SK	License canceled Aug. 27th.
Gakona	11	K11RG	License canceled Aug. 26 <sup>th</sup> .
Glennallen	5	K05HA	License canceled Aug. 31st.
Homer	9	K09XO	License canceled Sept. 2 <sup>nd</sup> .
Kaktovik	9	K09QY	License canceled Aug. 26 <sup>th</sup> .
Kasigluk	9	K09UE	License canceled Aug. 27th.
Kenai River	4	K04DS	License canceled Sept. 2 <sup>nd</sup> .
Kiana	4	K04IG	License canceled Aug. 31st.
Kivalina	9	K09QZ	License canceled Aug. 26 <sup>th</sup> .
Koliganek	7	K07QW	License canceled Aug. 31st.
Levelock	7	K07TT	License canceled Aug. 31st.
Mentasta Lake	7	K07SQ	License canceled Aug. 31st.
Minto	13	K13TK	License canceled Aug. 27th.
Naknek	11	K11KR	License canceled Aug. 31st.
New Stuyahok	13	K13TO	License canceled Aug. 27th.
Paxson	4	K04MQ	License canceled Aug. 31st.
Pitkas Point	4	K04MW	License canceled Aug. 26 <sup>th</sup> .
Rifle	11	K11KR	License canceled Aug. 31st.
Selawik	2	K02JU	License canceled Aug. 26 <sup>th</sup> .

Shishmaref	9	K09RZ	License canceled Aug. 31st.
Tanunak	9	K09SW	License canceled Aug. 31st.
Tetlin	7	K07SP	License canceled Aug. 26 <sup>th</sup> .
Wainwright	4	K04IR	License canceled Aug. 26 <sup>th</sup> .

### Arizona

Bullhead City	25	K25HD	To expire Oct. 1 <sup>st</sup> , see text.
Flagstaff	3	K03ID	License canceled Aug. 22 <sup>nd</sup> .
Flagstaff	21	K21ON	Requests power reduction to 1kw/-83m, 35-11-25/111-38-04; granted.
Lake Havasu City	27	K27EC	To expire Oct. 1 <sup>st</sup> , see text.
Many Farms	21	K21OD	OFF Aug. 1 <sup>st</sup> , AC power feed lost.
Yuma	12	K12XU	Permit canceled Aug. 3 <sup>rd</sup> , not constructed on time.

### Arkansas

El Dorado	14	K14OK	New station on the air, 100w/15m, 33-16-15/92-42-14.
Springdale	19	K19MT	Granted power reduction to 100w/41m, 36-19-24/94-08-09; reduced.
Springdale	34	K34QO	New station on the air, 200w/41m, 36-19-23/94-08-08
Texarkana	18	K18NM	New station on the air, 100w/15m, 33-40-01/94-07-33
Texarkana	25	K25QH	From K39LD, 100w/22m, 34-30-36/82-52-59; granted & moved.
Texarkana	33	K33QJ	New station on the air, 100w/15m, 33-40-01/94-07-33

### California

Bakersfield	20	K20ON	License canceled Aug. 10 <sup>th</sup> .
Cedarville	22	K22LE	OFF Aug. 24 <sup>th</sup> , equipment failure.
Cedarville	24	K24KX	OFF Aug. 24 <sup>th</sup> , equipment failure.
Chico	19	KXCH-LD	Requests conversion to digital, 15kw/20m, 39-45-04/121-45-33. Granted.
Chico	27	KUCO-LD	Operating at 50% power since Aug. 5 <sup>th</sup> transmitter failure. Requests STA 15kw/374m, 39-57-40/121-42-43.
Fresno	5	KVHF-LD	Granted power increase to 3kw/576m; increased.
Fresno	25	K25KY	OFF July 17 <sup>th</sup> , landowner denied permission for continued operation.
Monterey	33	K33QN	License canceled Aug. 8 <sup>th</sup> .
Redding	8	KVFR-LD	Requests power reduction to 100w/-43m, 40-36-39/122-22-57. Withdrawn, refiled, granted, and reduced.
Redding	19	K19IV	License canceled Aug. 9 <sup>th</sup> .
Redding	24	K24MI	From K44KG, 100w/-43m, 40-36-39/122-22-57; granted & moved.
Redding	27	K27MZ	From K42JQ, 100w/-43m, 40-36-39/122-22-57; granted & moved.
Ridgecrest	18	K18MP	OFF July 18 <sup>th</sup> .
Salinas	22	KLFB-LD	License canceled Aug. 26 <sup>th</sup> .
Santa Barbara	24	K24NX	License canceled Aug. 10 <sup>th</sup> .

### CDMX

**Cd. de Mexico**      **33**    **XEIPN-n**      **NS 103.923kw/325m, 19-31-59/99-07-51.**

### Chihuahua

Namiquipa      35    XHBVT-n      NS 3509w/6m, 29-10-39/107-21-23.

### Colorado

Arriba	19	K19MZ	Requests power increase to 1kw/105m, 39-22-34/103-41-43. Returned to the air with these facilities Aug. 15 <sup>th</sup> .
Colorado Springs	30	K30JM	Returned to the air Aug. 2 <sup>nd</sup> .
Glenwood Springs	27	KHGS-LD	From 39, 750w/-78m; granted.
Grand Junction	25	K25FZ	Requests conversion to digital, 15kw/875m, 39-02-55/108-15-08;

Pueblo	32	K32OG	granted. Returned to the air Aug. 25 <sup>th</sup> with these facilities. Returned to the air Aug. 19 <sup>th</sup> .
<b>Delaware</b>			
Wyoming	29	W29FM	License canceled Aug. 11 <sup>th</sup> .
<b>District of Columbia</b>			
Washington	34	WRC-TV	<b>Application for new auxiliary transmitter, 297kw/159m, 38-57-50/77-06-17. Granted.</b>
Washington	36	WTTG	<b>Application for new auxiliary transmitter, 300kw/160m, 38-56-24/77-04-53. Granted.</b>
<b>Florida</b>			
Chipley	14	W14DH	License canceled Aug. 9 <sup>th</sup> .
Chipley	16	W16CP	License canceled Aug. 10 <sup>th</sup> .
Chipley	25	W25EA	License canceled Aug. 10 <sup>th</sup> .
Clearwater	26	WXAX-CD	Requests power reduction to 15kw/377m, 27-50-52/82-15-49; granted. Requests site change to 27-49-11/82-15-38; granted.
De Funiak Springs	16	W16CS	License canceled Aug. 9 <sup>th</sup> .
Destin	33	W33DJ	Requests power reduction to 100w/-5m, 30-43-37/86-34-35. Amended to 2.1kw.
<b>Fort Lauderdale</b>	<b>30</b>	<b>WSCV</b>	<b>New aux on the air, 760kw/254m.</b>
Greenville	28	W28FD	Requests power increase to 15kw/39m, 30-34-14/83-06-12; granted & back on the air with these facilities.
Jasper	6	W06DI	Requests power reduction to 500w/19m, 30-13-04/82-38-19; granted.
Jasper	34	W34FW	Requests power increase to 15kw/26m, 30-05-10/82-38-25; granted & back on the air with these facilities.
Lake City	22	WFGZ-LD	Granted power increase to 15kw/80m, 29-38-09/82-19-35.
Largo	14	WPDS-LD	Granted power reduction to 3kw/74m, 27-54-52/82-47-41.
Marianna	18	W18EI	License canceled Aug. 9 <sup>th</sup> .
Melbourne	31	WSCF-LD	Moved from 20, 15kw/96m, 28-02-50/80-40-33.
Ocala	12	W12DQ	New station on the air, 100w/8m, 29-23-51/82-25-15.
Ocala	17	WTGB-LD	Calls changed from W17EL.
Okeechobee	26	W26FI	Requests power reduction to 100w/13m, 27-29-38/81-24-58; granted & on the air.
Panama City	10	WGOM-LD	Returned to the air at new site Aug. 4 <sup>th</sup> , 3kw/60m, 30-10-53/85-46-48.
Panama City	25	W25FK	ATSC 3.0 effective Aug. 9 <sup>th</sup> .
Panama City	27	W27EO	Requests power reduction to 100w/9m, 30-11-01/85-46-34; granted.
Pensacola	7	W07DU	New station on the air, 350w/39m, 30-42-56/86-42-48.
Ponce de Leon	30	W30CY	License canceled Aug. 9 <sup>th</sup> .
Tallahassee	7	W07DW	New station on the air, 100w/26m, 30-34-40/84-15-59.
Tallahassee	15	WTFL-LD	Calls changed from W15EQ.
Tallahassee	26	W26FH	License canceled Aug. 10 <sup>th</sup> .
Tampa	31	W31EG	OFF July 23 <sup>rd</sup> , exciter damage; returned to the air Aug. 3 <sup>rd</sup> .
Vero Beach	25	W25ER	Granted power reduction to 100w/8m, 27-44-52/80-34-41; reduced.
<b>Georgia</b>			
Athens	33	W33EU	Power increased to 15kw/104m, 33-59-36/83-24-56.
Atlanta	2	WUVM-LD	Requests power reduction to 1kw/264m, 33-44-41/84-21-36; granted.
Atlanta	13	W13DQ	Moved from W45DX, 950w/118m. (callsign change released)
<b>Atlanta</b>	<b>19</b>	<b>WANF</b>	<b>Calls changed from WGCL-TV.</b>
Augusta	29	WDZC-LD	Requests power increase to 5kw/97m, 33-29-11/82-30-07; granted.

Columbus	34	WXVK-LD	Requests power increase to 15kw/92m, 32-35-55/85-12-20; granted.
Macon	20	W20DL	Requests power reduction to 100w/18m, 32-50-29/83-40-17. New to the air with these facilities.
Macon	21	WTMH-LD	Calls changed from W21EN.
Macon	35	W35DA	Requests power reduction to 100w/18m, 32-50-29/83-40-17. New to the air with these facilities.
Valdosta	23	W23FI	Requests power reduction to 3kw/13m, 31-08-15/83-23-43; granted; returned to the air with these facilities Aug. 19 <sup>th</sup> .
Valdosta	30	WVCZ-LD	Power reduced to 100 watts/13m, 30-50-11/83-19-43.
Winder	17	WSB-DRT	Moved from 32, 10kw/266m.

### Guam

Agana	28	K28HS	Converted to digital, 350w/272m, 13-25-58/144-42-45E
Agana	30	K30HB	Converted to digital, 350w/272m, 13-25-58/144-42-45E
Agana	32	K32GB	Converted to digital, 350w/272m, 13-25-58/144-42-45E
Agana	36	K36GJ	Converted to digital, 350w/272m, 13-25-58/144-42-45E

### Hawaii

Lahaina	2	KITM-LD	Returned to the air July 22 <sup>nd</sup> .
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### Idaho

Boise	18	KCLP-CD	To expire Oct. 1 <sup>st</sup> ; see text.
Boise	26	K26LT	License canceled Aug. 2 <sup>nd</sup> .
Boise	36	KCDL-LD	Granted power increase to 15kw/770m, 43-45-16/116-05-59.
Bonnars Ferry	31	K40MT	From 40, 200w/842m. Amended to 175 watts.
Burley	29	K29JG	License canceled Aug. 9 <sup>th</sup> .
Burley	36	K36KC	License canceled Aug. 10 <sup>th</sup> .
Cottonwood	15	K15MA	To expire Oct. 1 <sup>st</sup> , see text.
Garden Valley	20	K20NZ	To expire Oct. 1 <sup>st</sup> , see text.
Glenn's Ferry	19	K19IK	License canceled Aug. 9 <sup>th</sup> .
Glenn's Ferry	36	K36KB	License canceled Aug. 10 <sup>th</sup> .
Malta	19	K19IL	License canceled Aug. 9 <sup>th</sup> .
Malta	30	K30KT	License canceled Aug. 10 <sup>th</sup> .
Malta	33	K33KT	License canceled Aug. 10 <sup>th</sup> .
Pocatello	20	K20MO	From K47JK, 1kw/310m; granted.
Preston	40, 42, 44, 46, 48	K40GZ, K42GN, K44HA, K46HW, K48IJ	To expire Oct. 1 <sup>st</sup> , see text.
Sandpoint	19	K19LE	From K18HQ; granted.
Twin Falls	21	K21ME	Requests power reduction to 100w/135m, 42-43-44/114-24-59.

### Illinois

Chicago	18	WMEU-CD	Requests power reduction to 15kw/408m, 41-53-56/87-37-23; granted. Moving from Sears (Willis) Tower to John Hancock Center. WMEU, WWME, and WCIU are all co-owned & all making the same move.
Chicago	20	WWME-CD	Requests power reduction to 15kw/413m, 41-53-56/87-37-23; granted.
<b>Chicago</b>	<b>23</b>	<b>WCIU-TV</b>	<b>Application for new aux, 200kw/437m, 41-53-56/87-37-23; granted.</b>
<b>Chicago</b>	<b>23</b>	<b>WCIU-TV</b>	<b>Requests power reduction to 1000kw/453m, 41-53-56/87-37-23; granted.</b>
Peoria	19	WSIO-LD	Requests conversion to digital from analog W51DT,



Plano	32	WLPD-CD	11kw/27m, 40-44-28/89-40-25. Granted. Granted power increase to 15kw/375m, 41-53-56/87-37-23; John Hancock Center, Chicago. Increased.
<b>Springfield</b>	<b>15</b>	<b>WICS</b>	<b>Power reduced to 300kw/436m.</b>
<b>Springfield</b>	<b>16</b>	<b>WRSP-TV</b>	<b>Power reduced to 310kw/436m.</b>
Springfield	31	W31EH	From W33AY, 100w/7m; granted & moved.

### Indiana

Brazil	24	W24FB	Granted power increase to 15kw/111m, 39-14-33/87-23-29. See Terre Haute.
Delphi	18	W18EZ	Returned to the air Aug. 8 <sup>th</sup> .
Evansville	30	WELW-LD	Returned to the air Aug. 19 <sup>th</sup> .
Evansville	35	W35DX	New station on the air, 100w/36m, 37-44-47/87-25-08.
Evansville	36	WEIN-LD	Returned to the air Aug. 19 <sup>th</sup> .
Fort Wayne	36	WODP-LD	Requests STA for reduced power of 9.75kw/99m pending amplifier repairs. Returned to full power Aug. 16 <sup>th</sup> .
Indianapolis	29	WFYI-LD	Calls changed from W29EL; ATSC 3.0, relaying WFYI (full power) ATSC 1.0. Requests power increase to 15kw/240m.
<b>Terre Haute</b>	<b>10</b>	<b>WTHI-TV</b>	<b>Power increased to 30kw/293m.</b>
Terre Haute	19	W19FD	Granted power increase to 15kw/111m, 39-14-33/87-23-29. See Brazil.

### Iowa

Cedar Falls	32	KFKZ-LD	OFF July 12 <sup>th</sup> , lightning damage; returned to the air Aug. 3 <sup>rd</sup> .
Davenport	33	K33QA	From K20KF; granted.
Des Moines	17	KDIT-CD	Power increased to 15kw/557m, 41-49-48/93-36-55; city from Marshalltown. Formerly KDAO-CD.
Salix	27	K27LD	Requests power reduction to 200w/-40cm, 42-32-04/96-22-24. (this is about a foot below average terrain...) Granted & reduced.
Sioux City	3	K03IS	License canceled Aug. 2 <sup>nd</sup> .
Sioux City	6	K06QG	License canceled Aug. 2 <sup>nd</sup> .

### Kansas

Garden City	29	K29JU	Requests power reduction to 100w/-9m, 37-58-02/100-50-26; granted & reduced.
Liberal	36	W36RQ	License canceled Aug. 2 <sup>nd</sup> .
Pittsburg	14	K14NX	New station on the air, 100w/4m, 37-21-00/94-42-46.
Pittsburg	15	K15IJ	New station on the air, 100w/4m, 37-21-00/94-42-46.
Pittsburg	16	K16IS	New station on the air, 100w/4m, 37-21-00/94-42-46.
Pittsburg	31	KPJO-LD	Operating at reduced power of 7.5kw pending repair of cooling fan. Returned to full power Aug. 8 <sup>th</sup> .
Salina	30	K30LK	New station on the air, 100w/-3m, 38-46-47/97-36-41.
Topeka	22	K22OA	From K40IJ; granted.

### Kentucky

Bowling Green	19	WCZU-LD	OFF July 27 <sup>th</sup> pending amplifier repairs.
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### Louisiana

Alexandria	22	K22OW	New station on the air, 100w/14m, 31-17-00/92-18-48.
Baton Rouge	27	K27NB	OFF July 23 <sup>rd</sup> pending repairs to amplifier modules; returned to the air Aug. 11 <sup>th</sup> .
Lafayette	21	K21OM	Requests STA 4.55kw/112m; reduced power due to HVAC issues. HVAC repaired & station back on the air Aug. 25 <sup>th</sup> .
Lake Charles	23	W23EC	License canceled Aug. 10 <sup>th</sup> .

Lake Charles	25	W25FM	License canceled Aug. 10 <sup>th</sup> .
Lake Charles	31	W31DQ	License canceled Aug. 10 <sup>th</sup> .
Monroe	12	K12XQ	Requests power increase to 3kw/83m, 31-40-14/92-05-24. Granted.
Monroe	23	K23OZ	New station on the air, 200w/23m, 32-30-45/92-11-21.
Monroe	33	K33MS	New station on the air, 100w/23m, 32-30-45/92-11-21.
Shreveport	21	KVPO-LD	Granted power increase to 15kw/191m, 32-34-33/93-52-07.
Shreveport	36	KADO-CD	OFF Aug. 1 <sup>st</sup> ; HVAC failure damaged transmitter. Returned to the air Aug. 15 <sup>th</sup> at 40% power. Full power waiting on HVAC repairs.
Sulphur	27	W27DJ	License canceled Aug. 10 <sup>th</sup> .
Vinton	28	W28EL	License canceled Aug. 10 <sup>th</sup> .
Vinton	30	W30EO	License canceled Aug. 10 <sup>th</sup> .
Vinton	31	W31EA	License canceled Aug. 10 <sup>th</sup> .
Vinton	39	W39DX	License canceled Aug. 10 <sup>th</sup> .

### Maine

Augusta	22	W22FE	New station on the air, 100w, 44-43-00/69-47-06.
Augusta	29	W29DZ	New station on the air, 100w, 44-43-00/69-47-06.
<b>Presque Isle</b>	<b>10</b>	<b>WMEM-TV</b>	<b>Requests power reduction to 14.5kw/322m, 46-33-03/67-48-32.</b>

### Maryland

Hagerstown	25	W25FE	From W42CK, 2.5kw/65m, 39-36-38/77-46-54; granted.
Salisbury	20	W20EO	New station on the air, 100w/10m, 38-23-47/75-38-53.
Salisbury	23	W23ED	New station on the air, 100w/10m, 38-23-47/75-38-53.
Salisbury	35	W35DF	New station on the air, 100w/10m, 38-23-47/75-38-53.

### Michigan

Cadillac	23	W23EB	Returned to the air July 8 <sup>th</sup> .
Houghton Lake	20	W20EV	Requests power to 15kw/400m, 44-15-42/85-17-37; granted. Returned to the air with these facilities Aug. 21 <sup>st</sup> .
<b>Lansing</b>	<b>28</b>	<b>WSYM-TV</b>	<b>Granted power increase to 1000kw/305m.</b>
Maple Valley	4	W04DY	Requests power reduction to 500w/29m, 44-06-01/84-35-55; granted & returned to the air with these facilities.
Maple Valley	27	W27ET	Requests power reduction to 1kw/29m, 44-06-01/84-35-55; granted & returned to the air with these facilities.
Maple Valley	31	W31FF	Requests power reduction to 1kw/29m, 44-06-01/84-35-55; granted & returned to the air with these facilities.
Saginaw	34	W34FD	From W24DL, 2.3kw/82m, 43-37-45/84-10-10; granted.
Traverse City	19	W19FB	Requests power reduction to 2kw/6m, 44-38-23/85-17-13; granted. Returned to the air Aug. 22 <sup>nd</sup> with these facilities.

### Minnesota

<b>Alexandria</b>	<b>7</b>	<b>TV-PST12</b>	<b>Application for new station, 140kw/273m, 45-34-03/94-30-43. (Radiant Life Ministries). Won channel in Auction #112. Granted.</b>
Alexandria	28	K28PW	From K44GH
Duluth	14	K14QM	New station on the air, 100w/78m, 46-47-21/92-06-48.
Duluth	17	K17OV	Returned to the air Aug. 6 <sup>th</sup> .
Duluth	23	K23MQ	Granted power increase to 15kw/312m; increased.
Duluth	26	K26KF	Requests power reduction to 100w/78m, 46-47-21/92-06-49; granted & reduced.
Duluth	30	K30QX	Returned to the air Aug. 6 <sup>th</sup> .
Duluth	32	KMYN-LD	From 18, 7.5kw/196m; granted & new to the air.
Duluth	35	K35JN	Requests power reduction to 100w/78m, 46-47-21/92-06-49.
Geneva	21	K21NU	From K48KJ, 5kw/175m; granted.

Minneapolis	13	KTCJ-LD	From 50, 3kw/146m; granted.
Minneapolis	18	KHVM-LD	From 48, 15kw/146m; granted.
Olivia	15	K15LT	From K47JE, 1kw/121m; granted.
Racine	29	K29OE	Requests power reduction to 1kw/49m, 44-05-32/92-30-34.
Racine	30	K30RA	Requests power reduction to 1kw/49m, 44-05-32/92-30-34.
St. Charles	19	K19IT	License canceled Aug. 10 <sup>th</sup> .
St. Charles	27	K27KL	License canceled Aug. 10 <sup>th</sup> .
St. Charles	29	K29JH	License canceled Aug. 10 <sup>th</sup> .
St. Charles	31	K31KX	License canceled Aug. 10 <sup>th</sup> .
Vesta	34	K34QF	From K43MH, 5kw/101m.
Winona	24	K24JA	License canceled Aug. 10 <sup>th</sup> .
Winona	25	K25LC	License canceled Aug. 10 <sup>th</sup> .

### Mississippi

Bruce	14	WTME-LD	Calls changed from WYMP-LD.
Clarksdale	20	W20DW	Power increased to 15kw/118m, 34-32-47/90-37-16.
Eastabuchie	31	WMBP-LD	Calls changed from W31FB. Requests power increase to 4.1kw/342m, 30-41-17/87-47-54.
Grenada	13	W13CS	Requests power increase to 1.8kw/76m, 33-46-45/89-49-33; granted. Misspelled as "Gernada" in some places.
Grenada	28	W13CS	Move from 13 withdrawn, not legally qualified for displacement.
Purvis	30	W30EZ	Requests power reduction to 200w/28m, 30-53-51/89-33-16; granted; returned to the air with these facilities Aug. 21 <sup>st</sup> .

### Missouri

Cape Girardeau	31	K31PQ	New station on the air, 100w/11m, 37-10-56/89-57-37.
Columbia	21	K21PD	Returned to the air Aug. 12 <sup>th</sup> .
Jefferson City	33	K33MN	Returned to the air Aug. 12 <sup>th</sup> .
Joplin	34	K41KX	From 41, 13kw/114m, 37-03-08/94-23-21. Amended to 10.75kw. Granted.
Kansas City	23	KTPE-LD	Granted power increase to 15kw/97m, 39-06-46/95-27-49.
Rolla	23	K23PC	New station on the air, 100w/57m, 37-57-51/91-45-48.
St. Joseph	14	K14PQ	New station on the air, 100w/59m, 40-04-10/95-11-41.
Sedalia	23	K23LE	New station on the air, 100w/13m, 38-42-07/93-16-47.

### Montana

Big Timber	17	K17JP	Site changed to 45-41-47/110-46-07; 132w/380m (KTVQ-20 Billings)
Billings	19	K45KS	From 45, 5kw/92m.
Billings	31	K51KR	From 51, 5kw/89m.
Butte	29	K29JT	Power reduced to 100w/54m, 45-55-18/112-24-56.
Butte	34	K34NR	From K39JC, 1kw/92m, 45-55-18/112-24-56; granted.
Glendive Junction	35	K35JV	License canceled Aug. 10 <sup>th</sup> .
Jordan	11	K11HE	Requests STA 54w/88m, 47-20-00/107-05-02; to return to the air after necessary applications were inadvertently not filed. Granted. The STA request suggests they also asked for permission to relaunch K09HI & K13HK, but I don't see these two in the Public Notices.

### Nebraska

Lincoln	36	K36MO	New station on the air, 100w/4m, 40-52-28/97-35-47.
Norfolk	17	K30BP	From 30, 5kw/128m. Withdrawn, though calls K17PD were assigned. See below.
Norfolk	23	K23PU	Requests STA for this channel; granted. Requests permanent move to this channel with same power/height/site as existing K30BP facility. Granted.

## Nevada

Austin	10, 23, 26, 41, 44, 46	K10KB, K23KV, K26EH, K41HH, K44LL, K46FB	To expire Oct. 1 <sup>st</sup> . see text.
Beowawe	14, 18, 21, 24, 26, 28, 30	K14NU, K18JG, K21OS, K24JL, K26KG, K28LH, K30LB	To expire Oct. 1 <sup>st</sup> . see text.
Carson City	9	K09AAA	Requests power reduction to 100w/-296m, 39-13-48/119-34-27; granted.
Carson City	13	K13AAU	Requests power reduction to 100w/-296m, 39-13-48/119-34-27; granted.
Carson City	31	K31LJ	License canceled Aug. 10 <sup>th</sup> .
Duckwater	19, 26	K19IM, K26JY	To expire Oct. 1 <sup>st</sup> . see text.
Elko	28, 32, 34, 36	K28PJ, K32GK, K34HE, K36HA	To expire Oct. 1 <sup>st</sup> . see text.
Eureka	14, 15, 16, 17, 21, 22, 23, 25, 27, 28, 29, 31, 33, 35, 36	K14OB, K15LU, K16IZ, K17NV, K21GJ, K22NG, K23LF, K25PP, K27NN, K28LM, K29NK, K31LO, K33PI, K35KM, K36KN	To expire Oct. 1 <sup>st</sup> . see text.
Laughlin	32	<b>KMCC</b>	<b>Granted relocation of DTS transmitter #2 to 12.5kw/65m, 36-07-45/115-11-28. DTS #1 not affected.</b>
Pahrump	33	K33MJ	To expire Oct. 1 <sup>st</sup> . see text.
Reno	13	K13AAV	Requests power reduction to 100w/123m, 39-35-02/119-47-55; granted.
Reno	22	K22JV	License canceled Aug. 10 <sup>th</sup> .
Reno	28	K28NP	Requests power reduction to 100w/-227m, 39-27-11/119-44-18.
Ryndon	12	K12PT	To expire Oct. 1 <sup>st</sup> . see text.
Shurz	28, 30, 32, 34, 36	K28PP, K30PB, K32CQ, K34LE, K36FF	To expire Oct. 1 <sup>st</sup> . see text.
Silver Springs	24	K24KP	License canceled Aug. 10 <sup>th</sup> .
Starr Valley	35	K35OI	To expire Oct. 1 <sup>st</sup> . see text.

Verdi	24, 30, 33, 51	K24IB, K30HY, K33ER, K51DJ	To expire Oct. 1 <sup>st</sup> , see text.
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### New Hampshire

Westmoreland	6	WVCC-LD	Requests power increase to 3kw/273m, 42-18-11/71-13-05; granted.
Westmoreland	15	WYBM-LD	Requests power reduction to 2kw/130m, 42-26-27/73-02-40; granted. Returned to the air Aug. 14 <sup>th</sup> with these facilities.
Westmoreland	27	WWAX-LD	Requests power reduction to 410w/14m, 42-08-18/72-35-01; granted & reduced. (WVMA-CD Winchendon, Mass.)

### New Jersey

Atlantic City	24	W24ET	From W48DP, 100w/6m, 39-22-52/74-27-01; granted.
Edison	22	WDVB-CD	Requests STA 7kw/300m, 40-44-54/73-59-09; temporary lower antenna on the Empire State Building pending move to permanent location. Granted.
<b>Newton</b>	<b>18</b>	<b>WMBC-TV</b>	<b>Power reduced to 250kw/520m, 40-42-47/74-00-47. Application for new aux, 142kw/496m; granted &amp; on the air.</b>

### New Mexico

Albuquerque	28	STA-776347	Requests temporary station, 100w/-122m, 35-11-32/106-35-58; Oct. 1 <sup>st</sup> - Oct. 9 <sup>th</sup> covering the venue for the Albuquerque International Balloon Fiesta. Granted.
Capulin	42, 44, 46, 48, 50	K42CH, K44CG, K46BY, K48JH, K50DY	To expire Oct. 1 <sup>st</sup> , see text.
Hobbs	12	K12NH	Returned to the air Aug. 4 <sup>th</sup> .
Hobbs	21	K21MC	License canceled Sept. 1 <sup>st</sup> .
Ruidoso	35	K35GU	Requests power increase to 5kw/908m, 33-24-18/105-46-55.
Tucumcari	42	K42CR	To expire Oct. 1 <sup>st</sup> , see text.

### New York

<b>Albany</b>	<b>21</b>	<b>WNYT</b>	<b>From 12, 970kw/414m; granted.</b>
Elmira	11	W11DQ	New station on the air, 100w/-147m, 42-07-30/76-58-51.
Elmira	12	W12DP	New station on the air, 100w/-147m, 42-07-30/76-58-51.
Elmira	17	W17EJ	New station on the air, 100w/-147m, 42-07-30/76-58-51.
Ithaca	34	W34FR	From W07BJ, 15kw/126m, 42-26-30/76-34-39; granted.
New York	13	WKOB-LD	Moved from 2, 3kw/415m, 40-42-47/74-00-47; sharing on the WASA-LD transmitter.
New York	33	W33ET	From W41DO, 15kw/300m, 40-44-54/73-59-09; granted. Granted STA for interim site 3.34kw/262m, 40-45-08/73-58-02 pending completion of site authorized above.
<b>Plattsburgh</b>	<b>14</b>	<b>WPTZ</b>	<b>Returned to full power Aug. 16<sup>th</sup>.</b>
<b>Saranac Lake</b>	<b>34</b>	<b>WYCI</b>	<b>Granted second DTS transmitter, 200kw/529m.</b>
Syracuse	16	WZLH-LD	Returned to the air July 28 <sup>th</sup> .
Westvale	6	WVOA-LD	Granted power increase to 3kw/45m, 43-03-30/76-09-59.

### North Carolina

Asheville	22	W22EY	Requests conversion to digital from analog W41BQ, 2.5kw/324m. Granted.
Buxton	35	WHOB-LD	Requests power reduction to 120w/24m, 35-14-56/75-36-29; granted.

Durham	36	W36FG	From W24CP, 3kw/374m; granted.
New Bern	26	WTGC-LD	Calls changed from W26FL.
Raleigh	34	WACN-LD	Power increased to 15kw/217m, 36-14-55/79-39-20.
Wilmington	31	WTWL-LD	Calls changed from W31DR; requests power increase to 15kw/82m, 34-11-27/77-56-31. Granted.

### North Dakota

Bismarck	23	K23OL	From K43JQ, 2kw/28m; granted.
Fargo	9	K09AAC	New station on the air, 100w/8m, 46-51-23/96-44-26.
Fargo	10	K10RQ	New station on the air, 100w/8m, 46-51-23/96-44-26.
Fargo	18	K18NP	New station on the air, 100w/8m, 46-51-23/96-44-26.
Minot	18	K18NW	Requests power increase to 159w/173m; granted.
Minot	35	K42IM	From 42, 900w/32m, 48-22-16/101-18-30.
Williston	20	K20PB	Requests power increase to 200w/293m; granted.

### Oaxaca

<b>Oaxaca</b>	<b>26</b>	<b>XHDG</b>	<b>Power granted to 38.35kw/-46m, 17-04-12/96-43-59.</b>
<b>Oaxaca</b>	<b>27</b>	<b>XHOXX</b>	<b>Power granted to 38.35kw/-46m, 17-04-12/96-43-59.</b>

### Ohio

Cleveland	20	WTCL-LD	Granted power increase to 15kw/307m, 41-22-45/81-43-11; increased.
Cleveland	27	WOCV-CD	Calls changed from W27EA.
Cleveland	28	W28FG	Requests power reduction to 200w/78m, 40-21-22/81-16-37; granted & returned to the air with these facilities.
Newcomerstown	5	WIVN-LD	Granted power increase to 3kw/147m, 40-21-32/81-30-02.

### Oklahoma

Clinton	16	K16JG	License canceled Aug. 10 <sup>th</sup> .
Clinton	18	K18JO	License canceled Aug. 10 <sup>th</sup> .
Clinton	30	K30LI	License canceled Aug. 10 <sup>th</sup> .
Erick	28	K28LR	License canceled Aug. 10 <sup>th</sup> .
Lawton	14	K14SX	New station on the air, 100w/8m, 46-51-23/96-44-26.
Lawton	32	K32KG	New station on the air, 100w/8m, 46-51-23/96-44-26.
Lawton	34	K34NE	From K43LK, 2.5kw/182m, 34-36-27/98-16-27; granted.
McAlester	34	K34ML	New station on the air, 100w/-12m, 34-48-38/95-51-09.
Oklahoma City	34	KWRW-LD	Requests power reduction to 15kw/123m, 35-26-35/97-28-57.
Ponca City	22	K22OD	New station on the air, 100w/28m, 36-35-42/97-34-38.
Ponca City	26	K26PE	New station on the air, 100w/28m, 36-35-42/97-34-38.

### Oregon

Ashland	22	K22JS	OFF Aug. 15 <sup>th</sup> pending conversion to ATSC 3.0.
Ashland	22	K22JT	License canceled Aug. 10 <sup>th</sup> .
Bend	17	K17LY	License canceled Aug. 8 <sup>th</sup> .
Eugene	14	K14PJ	License canceled Aug. 8 <sup>th</sup> .
Eugene	15	K15JI	License canceled Aug. 8 <sup>th</sup> .
Eugene	26	K26KL	License canceled Aug. 10 <sup>th</sup> .
:Eugene	32	K32JY	License canceled Aug. 10 <sup>th</sup> . (yes, the colon appears in the database)
Florence	34	K34NI	From K48GC, 3kw/205m, 43-57-22/124-04-30; granted & moved.
Grants Pass	14	K14RW	OFF Aug. 15 <sup>th</sup> pending conversion to ATSC 3.0.
Grants Pass	16	K16IF	License canceled Aug. 10 <sup>th</sup> .
Grants Pass	21	K21KO	License canceled Aug. 10 <sup>th</sup> .
Grants Pass	23	K23KS	License canceled Aug. 10 <sup>th</sup> .
Grants Pass	32	K32JR	License canceled Aug. 10 <sup>th</sup> .

LaPine	34	K34AI	OFF Aug. 25 <sup>th</sup> pending repairs.
<b>Medford</b>	<b>16</b>	<b>KTVL</b>	<b>From 10, 350kw/1001m; granted.</b>
Medford	18	KDOV-LD	Requests power increase to 1.56kw/412m, 42-17-51/122-45-04; granted.
Medford	24	KDSO-LD	From 16, 1.54kw/412m, 42-17-52/122-45-04; bumped by KTVL. Granted.
Medford	25	K25LW	License canceled Aug. 9 <sup>th</sup> .
Medford	36	K36KF	License canceled Aug. 10 <sup>th</sup> .
Paisley	9	K09VC	Operating at reduced power of 5.4 watts (vs. licensed 130) since July 22 <sup>nd</sup> . Returned to full power Aug. 11 <sup>th</sup> .
<b>Portland</b>	<b>21</b>	<b>KPTV</b>	<b>Granted from 12, 1000kw/543m.</b>
Roseburg	28	K28KI	OFF Aug. 15 <sup>th</sup> pending conversion to ATSC 3.0.
Roseburg	30	K30LH	License canceled Aug. 10 <sup>th</sup> .
Roseburg	35	K35OH	OFF Aug. 15 <sup>th</sup> pending conversion to ATSC 3.0.
Roseburg	36	K36JZ	OFF Aug. 15 <sup>th</sup> pending conversion to ATSC 3.0.
<b>Pennsylvania</b>			
Erie	23	W23FH	New station on the air, 100w/95m, 41-59-56/80-02-07.
Erie	24	W24EU	Granted power increase to 15kw/201m, 42-03-03/79-45-19.
Erie	36	W36EK	New station on the air, 100w/95m, 41-59-56/80-02-07.
<b>Philadelphia</b>	<b>28</b>	<b>WCAU</b>	<b>Operating at approximately 50% power since July 22<sup>nd</sup> transmission line failure. Returned to full power Aug. 3<sup>rd</sup>.</b>
<b>Philadelphia</b>	<b>31</b>	<b>WTFX-TV</b>	<b>Power increased to 978kw/279m, 40-02-26/75-14-18 (aux)</b>
Red Lion	14	WLZH-LD	OFF July 25 <sup>th</sup> pending relocation.
<b>Puerto Rico</b>			
<b>Mayaguez</b>	<b>32</b>	<b>WIPM-TV</b>	<b>Power reduced to 583kw/674m.</b>
Ponce	2	W02CS	Power changed to 2.8kw/718m, 18-09-08/66-33-12 (WVDO-LD Carolina)
San Juan	20	W20EJ	Returned to the air Aug. 3 <sup>rd</sup> .
Santa Isabel	18	W18DQ	Requests power increase to 15kw/612m, 18-08-52/66-59-00.
<b>Sinaloa</b>			
Mazatlan	41	XHOPMS	Power changed to 28.675kw/-446m, 23-12-02/106-25-42.
<b>South Carolina</b>			
Beaufort	29	W29EN	Power increased to 15kw/114m, 32-24-03/80-44-21 (WSCG-LD 14)
Beaufort	31	W31FD	Returned to the air Aug. 20 <sup>th</sup> with new facilities. (WTOC-TV 11 Savannah, Ga.)
Florence	6	W06DK	Returned to the air Aug. 15 <sup>th</sup> .
Florence	22	WVEB-LD	OFF July 9 <sup>th</sup> pending repair of Internet switch; returned to the air July 29 <sup>th</sup> .
Myrtle Beach	14	W14EZ	Requests power increase to 15kw/156m; granted.
Myrtle Beach	15	W15ES	Granted power increase to 15kw/117m, 33-26-48/79-17-59.
Myrtle Beach	35	W35EB	Granted power increase to 15kw/58m, 33-26-48/79-17-59.
<b>Tennessee</b>			
Algood	14	W14EE	Requests power increase to 15kw/146m, 36-11-33/85-25-23. Granted.
Algood	35	W35DZ	Requests power increase to 15kw/341m; granted.
Chattanooga	15	WCNT-LD	Requests conversion to digital from analog ch. 36, 15kw/194m, 35-20-38/85-14-01. Granted.
Lewisburg	29	WFET-LD	Requests power increase to 15kw/201m, 35-37-45/86-55-30; granted.
Memphis	15	W15EA	Requests STA for reduced power of 6.25kw pending repairs to power amplifier.

Nashville	26	WNTU-LD	Withdrawn, station went off altogether on Aug. 10 <sup>th</sup> .
Nashville	34	WJNK-LD	Converted to digital, 15kw/356m, 36-16-05/86-47-45.
White House	28	WKUW-LD	ATSC 3.0 effective Aug. 9 <sup>th</sup> .
			OFF June 20 <sup>th</sup> , feedline damaged by high temperatures; returned to the air Aug. 15 <sup>th</sup> .

### Texas

Amarillo	32	K32KS	License canceled Aug. 10 <sup>th</sup> .
Austin	20	K34FM	From 34, 15kw/187m, 30-19-21/97-48-04; sharing on KADF-LD.
Bakersfield	20	K20ON	License canceled Aug. 10 <sup>th</sup> .
Bakersfield	35	K35LE	License canceled Aug. 10 <sup>th</sup> .
Balmorhea	19	K19JN	License canceled Aug. 10 <sup>th</sup> .
Balmorhea	20	K20LI	License canceled Aug. 10 <sup>th</sup> .
Balmorhea	33	K33LY	License canceled Aug. 10 <sup>th</sup> .
Beaumont	6	KIPS-LD	Power increase to 3kw/600m, 30-03-06/94-31-38 withdrawn.
<b>Beaumont</b>	<b>12</b>	<b>KBMT</b>	<b>Power increased to 26.3kw/305m.</b>
Beaumont	23	KUMJ-LD	Granted power increase to 15kw/147m.
College Station	36	K36LD	ATSC 3.0 effective Aug. 9 <sup>th</sup> .
Fort Stockton	22	K22LL	License canceled Aug. 10 <sup>th</sup> .
Fort Stockton	28	K28NG	License canceled Aug. 10 <sup>th</sup> .
Fort Stockton	29	K29KI	License canceled Aug. 10 <sup>th</sup> .
Junction	17	K17KY	License canceled Aug. 10 <sup>th</sup> .
Junction	23	K23MP	License canceled Aug. 10 <sup>th</sup> .
Junction	35	K35LX	License canceled Aug. 10 <sup>th</sup> .
Kerrville	15	KVHC-LD	Returned to the air Aug. 15 <sup>th</sup> .
<b>Killeen</b>	<b>13</b>	<b>KAKW-DT</b>	<b>Operating at half power since Aug. 24<sup>th</sup> power surge.</b>
Laredo	2	KTNR-LD	Granted power increase to 3kw/55m, 27-24-01/99-26-52.
Laredo	29	K29NS	License canceled Aug. 3 <sup>rd</sup> .
Livingston	29	KCTL-LD	From 25, 12kw/107m, 30-20-35/95-07-32; amended to 11kw/117m. Granted.
Lufkin	21	K21OQ	License canceled Aug. 3 <sup>rd</sup> .
Lufkin	24	KIBN-LD	From 14, 5kw/219m, 31-22-02/94-45-56; granted.
McAllen	34	KSOY-LD	Returned to the air Aug. 7 <sup>th</sup> on this channel.
McClellan (sp)	20	K20KS	License canceled Aug. 10 <sup>th</sup> .
McClellan	21	K21LA	License canceled Aug. 10 <sup>th</sup> .
McClellan	26	K26KN	License canceled Aug. 10 <sup>th</sup> .
McClellan	33	K33LE	License canceled Aug. 10 <sup>th</sup> .
Midland	32	KFAW-LD	OFF July 20 <sup>th</sup> , "third-party" damaged equipment.
Mount Vernon	25	K25ND	License canceled Aug. 4 <sup>th</sup> .
Port Arthur	26	KULC-LD	Returned to the air Aug. 28 <sup>th</sup> with new facilities, 1kw/9m, 29-58-36/93-56-03.
Shamrock	17	K17KS	License canceled Aug. 10 <sup>th</sup> .
Sonora	14	K14PY	License canceled Aug. 10 <sup>th</sup> .
Sonora	15	K15JR	License canceled Aug. 10 <sup>th</sup> .
Tyler	35	KPKN-LD	Operating at reduced power of 1.5kw pending amplifier repairs; returned to full power Aug. 3 <sup>rd</sup> .
Victoria	3	K03JE	Requests power reduction to 200w/19m, 29-17-57/97-08-42. Granted & returned to the air Sept. 1 <sup>st</sup> with these facilities.
Victoria	4	K04SD	Returned to full power Aug. 26 <sup>th</sup> .
Victoria	15	KVTX-LD	Converting to ATSC 3.0.
Victoria	29	K29OH	From K22JW, 15kw/97m, 28-48-01/96-07-33; granted.

### U.S. Virgin Islands

Charlotte Amalie	22	WMNS-LD	OFF Aug. 9 <sup>th</sup> , equipment damaged by power surge.
Tutu	31	W31EJ	Requests power increase to 3kw, 18-21-28/64-58-17; granted. OFF Sept. 1 <sup>st</sup> pending relocation.



<b>Utah</b>			
Hurricane	17	K17LH	Requests power reduction to 50w/-162m, 37-11-06/113-17-57; granted.
Logan	15	KUTO-LD	Requests power increase to 1.6kw/611m, 41-47-03/112-13-58.
Nephi	5	K05MX	Power reduced to 100w/-26m, 39-28-05/111-59-22.
Provo	16	K16LW	Requests conversion to digital from analog K43JV, 1.5kw/810m; granted.
St. George	40	K40KZ	To expire Oct. 1 <sup>st</sup> , see text.
<b>Vernal</b>	<b>16</b>	<b>KEMS</b>	<b>Application for new station, 48.5kw/676m, 40-21-04/109-09-15. (Ventura Media Communications). Won channel in Auction #112. Granted; calls assigned.</b>
Wendover	3	K03JD	Returned to the air Aug. 17 <sup>th</sup> .
Wendover	8	K08QM	Requests power increase to 1kw/41m, 40-44-02/113-47-22; granted. Returned to the air with these facilities Aug. 16 <sup>th</sup> .
<b>Vermont</b>			
Windsor	29	W29FB	From W28DQ, 1kw/673m; granted.
<b>Virginia</b>			
<b>Bristol</b>	<b>35</b>	<b>WCYB-TV</b>	<b>Requests STA 374.2kw/755m; temporary lower-power transmitter pending installation of permanent unit.</b>
Broadway	25	WHSV-DRT	Permit granted for new station, 15kw/359m, 38-51-53/78-47-59.
<b>Staunton</b>	<b>15</b>	<b>WVPT</b>	<b>PA from ch. 11.</b>
<b>Washington</b>			
Bellingham	12	NEW-LPTV	Application for new station, 3kw/685m, 48-40-49/122-50-26; amendment from 1kw. (Mount Wilson FM Broadcasters)
Kennewick	30	K30QM	License canceled Aug. 10 <sup>th</sup> .
Kennewick	34	K34KV	License canceled Aug. 10 <sup>th</sup> .
Kennewick	35	K35JO	License canceled Aug. 10 <sup>th</sup> .
Omak	35	K35MN	Granted power increase to 200w/776m, 48-26-57/119-18-33.
<b>West Virginia</b>			
Clarksburg	25	W25FR	Requests power to 15kw/-46m, 39-23-42/81-13-48; granted & increased. Requests power reduction to 200w/-61m, 39-23-33/81-12-53; granted & returned to the air with these facilities.
Martinsburg	27	W27EE	From W08EE Clarksburg, 15kw/291m; granted.
Parkersburg	8	WVMY-LD	Returned to full power Aug. 15 <sup>th</sup> .
Roanoke	28	W28FC	Requests power reduction to 1kw/70m, 39-18-02/80-20-36; granted & reduced. (WDTV-5 Weston)
Sutton	18	W18FB	Returned to the air, 1kw/-127m, 38-39-49/80-42-43.
<b>Weston</b>	<b>33</b>	<b>WDTV</b>	<b>Moved from 5, 935kw/228m.</b>
<b>Wisconsin</b>			
Eau Claire	19	W19DJ	License canceled Aug. 10 <sup>th</sup> .
Eau Claire	29	W29DQ	License canceled Aug. 10 <sup>th</sup> .
Eau Claire	30	W30EN	License canceled Aug. 10 <sup>th</sup> .
Eau Claire	31	W31DN	License canceled Aug. 10 <sup>th</sup> .
Galesville	21	W21DC	License canceled Aug. 10 <sup>th</sup> .
Galesville	22	W22DT	License canceled Aug. 10 <sup>th</sup> .
Galesville	28	W28DT	License canceled Aug. 10 <sup>th</sup> .
Janesville	22	WISC-DRT	Permit granted for new station, 15kw/130m, 42-48-02/89-03-16. (WSJY-107.3 tower, Fulton)

La Crosse	26	WZEO-LD	Moved from W33DG, 15kw/209m, 43-44-52/91-17-55.
La Crosse	30	WEAU-DRT	License canceled Aug. 11 <sup>th</sup> .
La Crosse	32	W32DW	License canceled Aug. 10 <sup>th</sup> .
La Crosse	34	W34EB	License canceled Aug. 10 <sup>th</sup> .
Madison	25	WISC-DRT	Permit granted for new station, 15kw/115m, 43-01-48/89-30-17. (former main tower adjacent to studios)
Minocqua	35	W39CV	From 39, 2.3kw/20m, 45-53-39/89-40-58.
Wausau	34	WRJT-LD	New to the air, 7.5kw/153m, 44-38-34/89-51-24.
Wausau	36	W36EI	New to the air, 100w/33m, 44-59-00/89-36-08.

### Wyoming

Big Piney	24	K24DA	To expire Oct. 1 <sup>st</sup> , see text.
<b>Cheyenne</b>	<b>11</b>	<b>KQCK</b>	<b>Granted power increase to 31.1kw/403m.</b>
Cody	34	K34HZ	Requests power increase to 100w/565m; granted.
Little America	34	K34OG	To expire Oct. 1 <sup>st</sup> , see text.
Pinedale	14	K14IL	To expire Oct. 1 <sup>st</sup> , see text.
Shoshoni	32	K32EL	To expire Oct. 1 <sup>st</sup> , see text.

### Zacatecas

Momax	25	XHTLZ-n	New station, 350w/-156m, 21-55-27/103-18-46.
<b>Zacatecas</b>	<b>31</b>	<b>XHLVZ</b>	<b>Granted power to 44.11kw/469m, 22-44-21/102-33-18.</b>

As always, thanks to Raymie Humbert for information from Mexico. (Other information, unless otherwise noted, comes from the FCC and Industry Canada.) Assorted stations in the West have failed to file renewal applications due on June 1<sup>st</sup>. Their licenses will expire on October 1<sup>st</sup> if they don't file – and if they do file they'll face penalties for late filing.

### SHARING, IN A DIFFERENT SENSE

Note this month applications for new backup transmitters for WRC-TV (channel 4, NBC) and WTTG (channel 5, Fox) in Washington, D.C.. The WRC backup is on the WTTG tower, and vice-versa.

### THE FINAL END OF ANALOG – SOON?

Analog full-power TV ended in the USA in July 2009. Low-power stations were required to cease analog operation on July 13<sup>th</sup>, 2021. Any low-power stations which hadn't converted to digital by that date were required to leave the air until they could convert. By law, any station which remains off the air for more than a year loses its license – setting a deadline of July 13<sup>th</sup>, 2022 for any analog LPTV stations to return to the air in digital. Of course, that date has come & gone.

The law does give the FCC the power to waive the one-year limit if good cause can be shown. I have been able to identify a single case where an analog license remains valid. K34HZ Cody, Wyoming received a construction permit to convert to digital on the same channel, but then... the tower was sold. K34HZ's digital signal will need to be constructed at a different site. The station's owners have preliminary approval to locate on a different tower and have filed to modify the digital construction permit to specify that tower. They already have the necessary equipment on hand. They cannot, however, proceed until they have a signed lease and FCC approval of the new site.

K34HZ expects to complete digital construction in a few days, by September 6<sup>th</sup>.

The LPTV stations outside Alaska which were canceled this month belonged to Spectrum Evolution of Texas. Their construction permits expired on January 10<sup>th</sup>; when no license-to-cover or request for extension was filed, the permits were lost.

The deleted Alaska stations belonged to the State of Alaska. They were part of the Alaska Rural

Continues on page 47

# FM Slogans and Formats

SEPTEMBER 2022

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

Keith McGinnis

State	Calls	Freq	Location	Comment
AL	WSGN	98.3	Stewartville	Calls from "WFXO" to "WSGN"
AL	WSGN	98.3	Stewartville	From "Sports" to "Oldies"
AZ	KIDD	103.9	Fort Mohave	Launches as simulcast of KPKR - "Jack FM"
BC	CIWV	98.3	Vancouver	Launches with Smooth AC as the "Wave 98.3"
BC	CKKS-1	92.5	Abbotsford	From "Hot AC" to "Alternative" - "Kiss Radio" to "Sonic Radio"
BC	CKKS-2	104.9	Vancouver	From "Hot AC" to "Alternative" - "Kiss Radio" to "Sonic Radio"
BC	CKPK	102.7	Vancouver	From "Modern Rock" to "Hot AC" - "The Peak" to "102.7 Now Radio"
CA	KWDO	105.5	Fresno	Calls from "KJWL" (moved to 99.3) to "KWDO"
CA	KWDO	105.5	Fresno	Launches as "The Legend 105.5" Classic Country
CA	K256DA	99.1	Santa Rosa	From "Jazz/Standards" to "Classic Country" - "Jazz 99.1" to "The Bull"
CA	KJZY	93.7	Sebastapol	Calls from "KBBL" (now on 106.3) to "KJZY"
CA	KJZY	93.7	Sebastapol	From "Country" to "Jazz/Standards" - "The Bull" to "Jazzy 93.7"
CA	KBBL	106.3	Cazadero	Calls from "KJZY" to "KBBL"
CA	KJJZ	95.9	Indian Wells	From "CHR" to "Oldies" - "Hot 95.9" to "Kool 95.9"
CA	KCSN	88.5	Northridge	From "88.5 FM" to "the SoCal Sound"
CA	KSBR	88.5	Mission Viejo	From "88.5 FM" to "the SoCal Sound"
CO	KGJX	101.5	Grand Junction	From "Oldies" to "80's/90's Hits" - "Junkyard 101.5" to "Junction 101.5"
FL	W237BD	95.3	Boca Raton	"Country" to "Oldies" as "Oldies 95.3/96.9"
FL	W245BC	96.9	Lauderdale Lakes	From "Talk" to "Oldies" as "Oldies 95.3/96.9"
FL	WFYY	103.1	Windermere	Calls from "WOTW" to "WFYY"
FL	WFYY	103.1	Windermere	From "Country"(WOTW) to "Rhythmic CHR" - "The Wolf" to "Fly 103.1"
FL	WBCG	98.9	Port Charlotte	From "Christian AC" to "Classic Rock" - "Up 98.9" to "Big 98.9"
FL	W243EG	96.5	Tallahassee	From "Classic Hip Hop" to "Sports" - "Throwback 96.5" to "96.5 The Spear"
GA	W262DB	100.3	Royston	From "Classic Hits" to "Adult R&B" as "95.9 The Beat of Athens"
GA	W240EK	95.9	Athens	From "Classic Hits" to "Adult R&B" as "95.9 The Beat of Athens"
GA	WEGG	95.3	Bowman	From "Silent" to "Oldies" as "95.3 WEGG Good Time Oldies"
IL	W243DN	96.5	Taylorville	From "Country" to "Oldies" as "96.5 The Chill"

IN	WMVI	106.7 Mount Vernon	Calls from "WYFX" to "WMVI"(pending) From "Sports" to "Gold Based AC" - "Fox Sports Radio 106.7"
IN	WMVI	106.7 Mount Vernon	to "106.7 WMVI"
IN	WOLT	103.3 Indianapolis	From "Alt 103.3" to "Indy 103.3"
IN	WHHH	100.9 Indianapolis	Calls moved from 96.3 along with the "Hot" branding and UC format as of 8/29
KS	KQRB	96.9 Effingham	Has launched "96.9 The Beat" with Urban Contemporary
KY	WGKY	95.9 Wickliff	From "Oldies" to "Sports" as "Fox Sports 95.9"
KY	WXMA	102.3 Louisville	From "Variety Hits" to "Soft AC" - "102.3 Jack FM" to "102.3 The Rose"
MO	KYRX	97.3 Marble Hill	From "Classic Country" to "Sports" as "Fox Sports 97.3"
NC	W283CV	104.5 High Point	From "Sports" to "Country" as "Rebel 104.5"
NJ	W264DH	100.7 Eatontown	From "Great Gold 1410" to "The Breeze 100.7 1410 AM"
NY	WNBL	107.3 Rochester	From "Country" to "80's Hits" - "107.3 The Bull" to "Big 107.3"
NY	WJZR	105.9 Rochester	Has gone silent
OH	WNKN	105.9 Middletown	From "Classic Country" to "Classic Hits" - "Classic Country 106.9 to "105.9 The Oasis"
PA	WOGH	103.5 Burgettstown	Calls from "WLYI" to "WOGH"
PA	WOGH	103.5 Burgettstown	From "Willie 103.5" to "Froggy"
TN	W265DR	100.9 Maryville	From "Sports" to "Variety Hits" as "Random Music Radio"
TN	W290DJ	105.9 Maryville	From "Classic Country" to "Variety Hits" as "Random Music Radio"
TX	K284CT	104.7 Jacksonville	Has gone silent ahead of impending sale
TX	KLTD	101.7 Temple	From "Regional Mexican" to "Spanish Adult Hits" - "La Grande 101.71" to "Juan 101.7"
TX	K274AX	102.7 Austin	From "Spanish CHR" to "Sports" - "Mega 102.7" to "ESPN 102.7"
TX	KNTU	88.1 McKinney	From "Jazz" to "Alternative" - "88.1 The One" to "88.1 Indie"
TX	KVWE	102.9 Amarillo	From "Hip Hop" to "Sports" - "We 102.9" to "Panhandle Sports Star"
TX	KBBB	102.5 Bay City	Calls from "KMKS" to "KBBB"
TX	KBBB	102.5 Bay City	From "Country" to "AC" as "102.5 K-BAY"
TX	KLAK	97.5 Tom Bean	From "Hot AC" to "AC" as "97.5 K-Lake"
TX	K280CL	103.9 Rusk	Has gone silent ahead of impending sale
UT	KUUU	92.5 Salt Lake City	From "U92" to "92.5 The Beat"
VT	WEXP	101.5 Brandon	From "silent" to "Americana" as "Mud Radio"
WA	KONA	105.3 Kennewick	From "Hot AC" to "CHR" - "Mix 105.3" to "105.3 Kiss FM"
WA	KOLW	97.5 Basin City	From "Hot AC" to "Classic Hits" as "97.5 Kool FM"
WI	WBEV	95.3 Beaver Dam	From "Hot AC" to "Sports" - "95X" to "ESPN 1430"
WI	W255DN	98.9 Wausau	From "Sports" to "Talk" - "Sports Fan 98.9" to "Bull Falls Radio"
WI	W248DE	97.5 Wisconsin Rapids	From "Oldies" to "Talk" as "Locally Grown Radio"
WV	WSWW	95.7 Craigsville	From "News/Talk" to "Country" as "Lake Country 95.7 3WS"

# FM Facilities for Sept 2022

## Material supplied by Doug Smith

- CC: Call letters changed. Sometimes we learn of a call change a week or two before it actually happens.  
 CX: License or permit canceled. Digits are the date on which it was canceled. (CX03 = canceled on the 3rd.)  
 NS: Permit granted for new station.  
 NW: New station on the air.  
 OFF: Station is temporarily off the air.  
 PC: Coverage changed. (change in antenna height and/or power) PC> =increase; PC< =decrease; just PC =negligible  
 PG: Granted change in coverage.  
 QC: Frequency/channel changed.  
 QG: Frequency/channel change granted.  
 RA: Station returned to the air after a period OFF.  
 XC: Site changed.  
 XG: Granted change in site.

## SEPTEMBER 2022

ALAB Fort Payne	93.9	W230CX	RA July 28th.
ALAB Hawk Pride	94.5	WNRA-LP	CC from WSHF-LP; QR from 92.3, 100w/-2m
ALAS Chickaloon	88.3	KVRK	NW 370w/-209m, 61-48-33/148-05-41
ALAS Glacier View	91.5	KGVC	OFF July 10th, lost site.
ALAS Juneau	91.7	KAUK	PG 10kw/397m, 58-23-31/134-42-52
ALAS Sitka	90.9	775565	NS 99w/-207m, 57-03-02/135-20-00 (CSN INTERNATIONAL)
ALAS Utqavik	99.7	773775	NS 99w/8m, 71-17-33/156-46-45 (Adventist Radio Alaska Corp.) (this is the community probably better known in the lower 48 as Barrow)
ARIZ Morristown	99.5	KRPB	RA July 7th
ARIZ Peach Springs	100.9	KWLP	Operating at unspecified reduced power since June 28th lightning strike.
ARIZ Prescott	97.9	K250BI	PC 250w/764m, 34-41-14/112-07-02 (KZGL-103.7 Flagstaff)
ARIZ Prescott	97.9	K250BI	PC 250w/764m, 34-41-14/112-07-02 (KZGL-103.7 Flagstaff)
ARIZ Tucson	99.5	KIIM-FM	PG<1.25kw/603m, 32-14-57/111-07-01 (aux)
ARIZ Tucson	100.3	KPYT-LP	PG<100w/-3m, 32-07-32/111-04-14
ARKA Ferndale	96.1	K241AP	Primary changed to KWLR-96.9 HD2 Bigelow
ARKA Forrest City	88.1	KARH	OFF July 23rd, tower destroyed by crop duster.
ARKA Johnson	95.3	K237GR	PC<44w/172m, 36-08-50/94-11-14 (KAKS-99.5 Goshen)
ARKA Norman	88.7	767350	NS 950w/32m, 34-27-27/93-40-32 (His Will)
ARKA Osceola	107.3	KQXF	OFF Apr. 15th, storm damage.
ARKA Searcy	90.3	NEW	NS 9kw/85m, 35-14-08/91-47-39 (Hispanic American Christian Network)
BRIT Harrison Hot Springs	96.7	CBYH-FM	PG>134w/-268m
CALI Calistoga	92.3	K222CV	RA 14w/894m (KUPV-LP 100.5 Santa Rosa)
CALI Cathedral City	101.9	K270AI	Primary changed to KWXY-1340 via K222DA-92.3.

CALI Cazadero	106.3	KBBL	CC from KJZY
CALI El Dorado Hills	97.3	KCFS-LP	RA July 22nd
CALI Fort Bragg	94.1	K231AK	OFF July 2nd, lost site.
CALI Grand Terrace	98.1	K251AH	Primary changed to KKLQ-HD3 100.3 Los Angeles.
CALI Hayfork	95.5	K238AJ	OFF July 22nd, lost power source.
CALI Hopland	99.1	K256BV	RA July 8th
CALI Hopland	88.7	KORB	PG>130w/426m, 38-55-54/123-08-31
CALI Lake Nacimiento	88.9	NEW	NS 6.3kw/204m, 35-46-38/120-55-57 (Centro Familiar de Restauracion Y Vida)
CALI Los Angeles	96.7	KGAP-LP	RA June 6th
CALI Palmdale	107.9	K300DX	QC from K264BQ-100.7, 10w/654m, 34-32-51/118-13-00 (KTQX-90.1 Bakersfield)
CALI San Francisco	102.5	KXSF-LP	Returned to the air July 14th, transmitter repaired.
CALI San Francisco	102.5	KSFP-LP	Returned to the air July 14th, transmitter repaired. Shares time (and transmitter) with KXSF.
CALI Sebastapol	93.7	KJZY	CC from KBBL
CALI Yreka	97.9	K250BX	OFF July 19th
COLO Fort Collins	98.3	K206DB	QC from 89.1. (KFCY-88.1 Cheyenne, Wyo.)
COLO Lamar	89.7	764002	PG 1kw/69m (Great Plains Christian Radio )
COLO Plainview	88.9	K205FV	Operating at reduced power since July 13th to avoid interference to new full-power station.
COLO Strasburg	97.7	KPLS-FM	PG>50kw/87m, 39-31-32/104-10-04 (KRSF-89.3 Ridgecrest, Cal.)
COLO Wylie	91.5	KLIC	CC for NS (LIBERTAD EN CRISTO MINISTRIES)
FLOR Dunnellon	101.1	W266DY	PG 250w/36m, 29-10-50/82-10-44 (WXUS-102.3)
FLOR Eastpoint	89.5	NEW	NS 80kw/73m, 29-42-42/85-09-07 (Centro Familiar de Restauracion Y Vida)
FLOR High Springs	104.9	WYGC	PG>23kw/94m, 29-57-25/82-25-10
FLOR High Springs	104.9	WYGC	PG>23kw/94m, 29-57-25/82-25-10
FLOR Jupiter	93.7	W229DG	RA July 19th
FLOR Miami	101.1	WDVS-LP	PC>45w/45m, 25-45-55/80-13-39
FLOR Tallahassee	95.3	W237FB	PG>99w/156m, 30-29-17/84-16-47 (WTAL-1450); PC
FLOR West Palm Beach	92.5	W223CJ	Primary changed to WIRK-HD3 103.1 Indiantown temporarily, will switch to WWNN-1470 Pompano Beach when that station is ready.
FLOR Windermere	103.1	WFYY	CC from WOTW
GEOR Albany	104.9	W285GE	PG<80w/32m
GEOR Albany	104.9	W285GE	PC<80w/31m, 31-34-36/84-10-38 (WHHR-92.1 Vienna)
GEOR Thomasville	98.3	WJGG-LP	Returned to the air on this frequency with new facilities 21w/64m, 30-50-13/83-58-44.
GEOR Thomasville	98.3	WJGG-LP	Returned to the air on this frequency with new facilities 21w/64m, 30-50-13/83-58-44.
GEOR Tifton	103.1	WJYI	CC from WPLH
GEOR Tybee Island	102.1	WKZV	Operating at unspecified reduced power since June 23rd due to tower work.
GEOR Warner Robins	91.9	W220EP	QC from W276BK-103.1, 160w/77m, 32-32-37/83-27-54 (WGLU-102.5)
GEOR Warner Robins	91.9	W220EP	QC from W276BK-103.1, 160w/77m, 32-32-37/83-27-54 (WGLU-102.5)

HAWA Hanalei	105.5	K288HK	QC from K234DF-94.7, 250w 22-12-50/159-28-43 (KQNG-FM 93.5 Lihue)
HAWA Hilo	90.3	KCIF	OFF July 29th
HAWA Honolulu	104.7	K284AL	Primary changed to KHXM-1370 Pearl City.
HAWA Honolulu	97.5	KHCM-FM	PG>100kw/63m, 21-16-58/157-50-09
HAWA Honolulu	104.7	K284AL	Primary changed to KHXM-1370 Pearl City.
HAWA Honolulu	105.5	K288FB	Operating at unspecified reduced power since July 3rd equipment failure.
HAWA Kailua	90.9	K215EH	OFF June 12th, equipment malfunction
HAWA Lanai City	KLNY	766309	CC for NS (SPECIALIZED EDUCATIONAL BROADCASTING)
HAWA Lanai City	KLNY	766309	CC for NS (SPECIALIZED EDUCATIONAL BROADCASTING)
HAWA Lihue	89.9	KIPL	Returned to full power July 13th, tower repaired.
IDAH McCall	102.9	K272FR	Primary changed to KDBI-FM 106.3 Homedale
IDAH Mountain Home	99.3	K257GX	QG from K256DI-99.1, 250w/97m (KMHI-1240)
IDAH Pocatello	88.7	K204AL	OFF June 24th, reason unknown. (unable to access building)
IDAH Salmon	99.9	KXCD	OFF July 21st pending move to Fairfield.
IDAH Sebree	99.1	K256DI	OFF July 22nd, reason unknown.
IDAH Twin Falls	90.7	KCIR	Operating at reduced power of 4kw pending blower motor repairs.
ILLI Taylorville	96.5	W243DN	Primary changed to WMKR-HD3 94.3 Pana.
ILLI Winnebago	95.3	WRTB	PC 3kw/100m, 42-17-48/89-10-15.
INDI Clinton	93.7	WPFR-FM	RA July 20th.
INDI Indianapolis	96.3	WNOW-FM	CC from WHHH
INDI Montgomery	101.3	W267CP	PG>250w/116m, 38-37-09/86-58-27 (WAMW-1580 Washington)
INDI Morristown	91.3	WWQI	OFF July 12th, HVAC issues.
INDI New Castle	102.5	WMDH-FM	Operating at approximately 12% power pending transmitter repairs.
INDI Poseyville	98.9	W255DQ	PG>180w/76m, 38-05-39/87-41-39 (WRCY-1590 Mt. Vernon)
INDI Poseyville	98.9	W255DQ	PG>180w/76m, 38-05-39/87-41-39 (WRCY-1590 Mt. Vernon); PC
INDI Seelyville	95.9	WHLR	Returned to the air at 72% power July 19th; temporary transmitter pending delivery of permanent unit.
INDI Speedway	100.9	WHHH	CC from WNOW-FM
IOWA Council Bluffs	102.3	K272FE	XC 41-15-25/95-57-03.
IOWA Grinnell	88.5	KDIC	CX15
IOWA Hampton	90.5	KJWC	CC for NS (Minn-Iowa Christian Broadcasting)
IOWA Oskaloosa	90.5	KWPU	PG>3.9kw/53m
IOWA Postville	89.1	KPVL	OFF July 6th pending transmitter replacement.
KANS Effingham	96.9	KQRB	PC>50kw/95m, 39-15-41/95-39-21
KANS Hillsboro	88.7	NEW	NS 26kw/96m, 38-22-27/97-02-35 (Radio Vida Kansas)
KANS Meade	88.3	KFMP	CC for NS (St. John the Baptist Catholic Church of Meade, Kansas)
KANS Ulysses	88.1	KLCM	CC for NS (LIBERTAD EN CRISTO MINISTRIES)
LOUI New Orelans	91.5	WTUL	Operating at reduced power of 500 watts pending either transmitter repairs or relocation.
MAIN Fryeburg	91.7	WBQF	QC from 91.5, 250w/551m, 43-51-30/70-42-39.
MAIN Fryeburg	91.7	WBQF	QC from 91.5, 250w/551m, 43-51-30/70-42-39.
MAIN Lincoln	90.5	WWLN	Operating at unspecified reduced power since March 21st transmitter failure.

MAIN Rockland	95.1	W236CO	CX21 (WVOM-1450)
MAIN Rumford	91.1	WMVF	CC for NS
MARY Newark	94.5	WKHI	QC from 94.9
MASS Fitchburg	104.5	WXLO-FM4	CX26
MASS Lawrence	99.9	W260AS	Primary changed to WKVB-107.3 Westborough.
MASS Lawrence	99.9	W260AS	Primary changed (again) to WNHI-106.5 Farmington, N.H.
MASS Lexington	104.5	WXLO-FM2	CX26
MASS Orleans	91.3	WFMR	PC 1.6kw/71m, 41-47-29/69-59-36
MASS Scituate	90.5	WSMA	Operating at reduced power of about 2kw, reason unknown.
MASS Waltham	104.5	WXLO-FM3	CX26
MASS Wellfleet	90.7	WRYP	OFF Feb. 28th,
MICH Atlanta	92.5	WFDX	OFF Apr. 19th, pending financing arrangements for AM station
MICH Birmingham	99.1	W256EA	PC>250w/111m, 42-38-55/83-04-31
MICH Cadillac	91.9	WGCP	Operating at unspecified reduced power since July 15th lightning strike.
MICH Escanaba	104.7	WYKX	NS 1kw/87m, 45-55-45/87-16-11 (aux)
MICH Newberry	97.9	WIHC	Operating at 37% power since mid-July tube failure.
MICH Rose Township	90.9	WMSD	PG>14kw/83m, 44-28-08/84-08-31
MINN Albertville	97.7	K249ED	Primary changed to KKLQ-HD4, then withdrawn. They meant KQQL-107.9 Anoka; KKLQ is 100.3 Los Angeles...
MINN Albertville	92.1	K221ES	Primary changed to KQQL-HD4 107.9 Anoka via K249ED-97.7
MINN Albertville	97.7	K249ED	Primary changed to KQQL-HD4 107.9 Anoka.
MINN Bayport	105.5	K288GR	Primary changed to KQQL-HD4 107.9 Anoka via K260BA-99.9 Coon Rapids.
MINN Bemidji	107.9	K300EA	PG 92w/149m, 47-33-26/94-48-05 (KOJB-90.1 Cass Lake)
MINN Coon Rapids	99.9	K260BA	Primary changed to KMWA-96.3 HD3 Edina
MINN Coon Rapids	99.9	K260BA	Primary changed to KQQL-HD4 107.9 Anoka.
MINN Delhi	89.1	KJRX	CC for NS (Minn-Iowa Christian Broadcasting)
MINN Fairmont	90.1	KYEJ	CC for NS (Fairmont Area Catholic Radio )
MINN Hutchinson	89.5	KJBG	CC for NS (Minn-Iowa Christian Broadcasting)
MINN Marshall	88.1	KJCA	CC for NS (Minn-Iowa Christian Broadcasting)
MISSI Booneville	89.5	WMAE-FM	NS 100kw/158m (aux); NW
MISSI Crowder	88.3	768007	PG 50kw/80m, 34-10-23/90-07-50 (Full Potential Ministry)
MISSI Indianola	105.7	WDTL	PG>28.5kw/200m, 33-39-27/90-42-17
MISSI Winona	98.1	W251CN	OFF July 10th, transmission line or antenna issue. (WLEE-FM 95.1 Sherman)
MISSO Fayette	88.5	NEW	NS 2.5kw/127m, 39-08-22/92-43-05 (Radio Vida Kansas)
MISSO Mountain Grove	88.7	K204FX	OFF July 22nd, HVAC failure.
MONT Dillon	105.5	K288DZ	PG<10w/708m (KBYI-94.3 Rexburg, Ida.)
MONT Highwood	106.1	KQDI-FM	Operating at reduced power of 480w/101m pending transmitter repairs.
MONT Kalispell	105.7	K289CF	PG<250w/790m, 48-00-49/114-22-01 (KLKM-88.7)
MONT Lockwood	88.9	KYWH	RA July 27th
MONT Missoula	107.5	KENR-FM1	OFF June 20th pending integration of operations with new owner.



MONT Park City	89.7	KBIL	PC>4.1kw/205m, 45-45-34/108-27-08
MONT Pinesdale	106.7	KXDR	OFF June 20th pending integration of operations with new owner.
MONT Superior	107.5	KENR	OFF June 20th pending integration of operations with new owner.
MONT Whitefish	104.7	K284CV	QG from 93.9, 125w/787m, 48-00-50/114-22-01 (KIBG-100.7 Bigfork)
NEBR Bennington	93.3	KFFF	PC<1kw/358m, 41-18-16/96-01-42
NEBR Hastings	100.7	KEVH-LP	CX11
NEBR Omaha	94.9	K235CD	PC>250w/179m
NEBR York	99.3	K257EF	OFF July 9th pending upgrades.
NEBR York	99.3	K257EF	PC<250w/69m, 40-50-27/97-35-59 (KLCV-88.5 Lincoln)
NEVA Wendover	102.3	KVUW	PC>100kw/588m, 41-07-19/114-34-05
NEWH Concord	102.3	WAKC	PG>3.5kw/87m, 43-12-57/71-34-28
NEWH Conway	104.5	WVMJ	Operating at approximately 78% power since July 6th transmitter failure.
NEWH Jefferson	97.3	WCGY-FM	NW 6kw/37m, 44-21-54/71-23-21
NEWJ Sussex	98.3	W252DY	PG<99w/137m, 41-07-53/74-58-44 (WYNY-1450 Milford, Penna.); PC
NEWM Carlsbad	93.9	K230CI	PC>250w/60m (KATK-740)
NEWM Carlsbad	96.3	K242DB	PC>250w/60m (KAMQ-1240)
NEWM Lordsburg	98.5	KPSA-FM	QC from 97.7, 250w/15m, 32-20-57/108-42-22
NEWM Roswell	103.1	K276ED	PG 250w/23m, 33-23-34/104-31-30 (KHFM-95.5 Santa Fe)
NEWM San Mateo	88.7	KOTY	PG>620w/808m, 35-15-10/107-35-48
NEWY Bath	88.3	WCIN	CC from WCDV-FM
NEWY Fallsburg	104.1	WJNN-LP	PG<100w/3m, 41-42-51/74-38-28; PC
NEWY Ithaca	92.5	W223BR	OFF July 18th, tower lease expires at end of month.
NEWY Lowville	99.3	WLLG	PC<2.25kw/73m, 43-45-12/75-33-49
NEWY Odessa	89.9	WINO	OFF July 7th pending relocation.
NEWY Potsdam	100.1	W261CJ	PC<40w/151m, 44-35-56/74-46-23 (WPDM-1470)
NEWY Richfield Springs	88.5	WMHY	NW 610w/116m, 42-55-11/74-57-01 (WMHR-102.9 Syracuse)
NEWY Rochester	105.9	WJZR	OFF July 12th pending sale.
NORTHC Enfield	107.3	WVRA	Operating at reduced power of 2.7kw pending HVAC repairs.
NORTHC Jacksonville	95.9	W240DX	OFF July 6th, was fed via 4G LTE but provider stopped providing that service.
NORTHC Reidsville	93.5	W228DS	OFF July 6th, was fed via 4G LTE but provider stopped providing that service.
NORTHC Roanoke Rapids	102.3	WPTM	Operating at approximately 24% power pending transmitter repairs.
OHIO Mount Sterling	91.1	NEW	NS 6kw/69m, 39-34-26/83-16-01 (Vida Ministry)
OHIO New Paris	91.9	WARD	PG 140w/45m, 39-52-06/84-47-50
OHIO Newark	88.3	WHRN	CC for NS (Strong Tower Christian Media)
OHIO Painesville	94.7	W234DO	PG>50w/-12m, 41-44-23/81-14-05 (WABQ-1460); PC
OKLA Caddo	89.1	NEW	NS 45kw/95m, 34-13-50/96-13-04 (Centro Familiar de Restauracion Y Vida)
OKLA Sulphur	90.7	KFXT	PG>23.8kw/85m
OREG Astoria	88.3	K202ER	QC from K211ET-90.1. (KACS-90.5 Chehalis, Wash.)
OREG La Grande	91.7	KEOL	RA July 11th.
OREG Nehalem	91.7	K219KU	RA July 22nd. (KXRY-91.1 Portland)

OREG Portland	101.5	KVRN-LP	CC from KDOO-LP
OREG Portland	105.5	KXRU-LP	PC 13w/119m, 45-26-50/122-33-23
OREG Portland	95.1	KISN-LP	PC>2w/295m
PENN Bedford	88.7	WPME	CC for NS (Central Pennsylvania Christian Institute)
PENN Burgettstown	103.5	WOGH	Temporarily operating at approximately 10% power pending transmitter replacement. Calls changed (back) from WLYI.
PENN DuBois	89.5	WPMU	CC for NS (Central Pennsylvania Christian Institute)
PENN Jersey Shore	89.3	WPMY	CC for NS (Central Pennsylvania Christian Institute)
PENN Johnstown	88.5	WCOA-FM	QC from 88.9, 10kw/257m, 40-36-16/79-02-22 (KEAR-610 San Francisco)
PENN Pittsburgh	100.1	W261AX	Primary changed to KDKA-1020.
PENN South Williamsport	99.3	WZXR	PC 420w/372m, 41-13-05/76-57-26
PENN Trout Run	90.1	WCDV-FM	CC from WCIN
PENN York	106.1	WYCO-LP	OFF May 13th, management restructuring.
PUER Bayamon	93.1	W226CS	NW 247w/-18m, 18-21-21/66-14-02 (WPAB-550 Ponce)
RHOD Portsmouth	90.7	WNPK	Operating at reduced power of 72 watts pending relocation.
SOUTHC Charleston	107.7	W299CY	RA July 22nd.
SOUTHC St. Matthews	98.9	W255DQ	PG>250w/187m, 33-45-47/80-49-22 (WFMV-620 Cayce)
SOUTHD Mitchell	89.7	K209FX	Requests STA 60w/57m, 43-42-12/97-59-51; RA July 19th under this STA. (KLOV-89.3 Winchester, Ore.)
TENN Murfreesboro	96.7	W257EP	QG from 96.7 rescinded, to remain on 96.7 as W244CW.
TEXA Abilene	105.9	K290BV	Primary changed to KTKJ-101.7 HD4 Hawley.
TEXA Bay City	102.5	KBBB	CC from KMKS
TEXA Bullard	94.3	KZWL	CC from KZXM
TEXA Burke	97.7	KGFZ	CC from KAGZ
TEXA Childress	90.1	KLCN	CC for NS (LIBERTAD EN CRISTO MINISTRIES)
TEXA Dallas	104.1	K281DF	PG 230w/184m, 32-32-44/96-57-57 (KLNO-94.1 Fort Worth)
TEXA Eagle Pass	92.7	KINL	OFF June 30th, lost site.
TEXA Fritch	91.3	NEW	NS 51kw/122m, 35-41-23/101-59-15 (Centro Familiar de Restauracion Y Vida)
TEXA Gilmer	95.3	KWLL	CC from KFRO-FM
TEXA Houston	103.3	K277DU	QG from K259DC-99.7, 10w/105m, 29-39-55/95-23-48 (KREH-900 Pecan Grove)
TEXA Jacksonville	102.3	KLFZ	CC from KLJT
TEXA Kilgore	88.7	KZLO	PG>72kw/170m
TEXA Killeen	104.7	KVBM-LP	CC from KHTL-LP
TEXA Lampasas	88.3	NEW	NS 15kw/107m, 31-05-08/98-09-57 (Centro Familiar de Restauracion Y Vida)
TEXA Lorenzo	91.3	NEW	NS 25kw/102m, 33-39-24/101-13-05 (Hispanic American Christian Network)
TEXA North Cleveland	90.7	NEW	NS 1.5kw/57m, 30-19-04/94-59-33 (Hispanic American Christian Network)
TEXA Pampa	91.7	KLCP	PG 150w/123m, 35-31-03/100-58-07
TEXA Pittsburg	103.1	KHFZ	CC from KMPA
TEXA Queen City	88.9	NEW	NS 7kw/86m, 33-01-52/94-10-16 (Centro Familiar de Restauracion Y Vida)

TEXA Sanger	104.1	KTCG	CC for NS. Originally requested KTCQ, then asked it be rescinded, indicating KTCQ was a mistake.
TEXA Uvalde	102.3	KUVA	OFF June 30th, lost site.
TEXA Uvalde	104.9	KVOU-FM	OFF June 30th, lost site.
TEXA Uvalde	93.7	KBNU	OFF June 30th, lost site.
TEXA Wimberley	104.1	KOWO-LP	OFF July 25th, transmission system failure.
UTAH Levan	96.7	KQMB	PG<7kw/0m, 39-39-27/111-50-52
UTAH St. George	89.9	768714	PG 6.5kw/566m, 36-50-48/113-29-31 (Advance Ministries)
UTAH St. George	89.9	768714	PG 6.5kw/566m, 36-50-48/113-29-31 (Advance Ministries)
VERM White River Junction	94.5	W233CC	Primary changed to WGXL-HD2 92.1 Hanover, N.H.)
VIRG Richmond	103.1	W276BZ	PC>250w/60m (WCVE-FM 88.9)
VIRG Richmond	103.3	WBDB-LP	OFF June 14th, financial difficulties.
VIRG Roanoke	89.1	WVTF	PC<98kw
VIRG Roanoke	101.9	W270CU	OFF July 18th, primary sold.
VIRG Roanoke	89.1	WVTF	PC<98kw
VIRG Roanoke	101.9	W270CU	OFF July 18th, primary sold.
WASH Moses Lake	89.5	K208BY	Returned to the air at reduced power of 17 watts pending transmitter repairs.
WASH Ocean Shores	88.9	KOSW-FM	PG 1.2kw/120m, 47-06-35/124-07-40
WASH Oroville	89.3	KGTC	CC for NS (Ruth's House of Hope )
WASH Yakima	91.1	KYPL	Operating at unspecified reduced power since July 15th transmitter failure.
WEST Bethany	88.1	WZUM-FM	RA June 30th
WEST Moorefield	91.5	WEPC	CC for NS (Light of Life Community)
WISC Beaver Dam	95.3	WBEV-FM	CC from WXRO
WISC Hayward	96.9	W245CT	Primary changed to WHSM-FM 101.1 HD2
WISC Janesville	91.9	768541	NS 2.1kw/135m, 42-42-30/89-04-29 (Vanguard Association of Sunbelt Colleges Corporation)
WYOM Casper	90.3	KCSP-FM	NW 383w/528m, 42-44-24/106-18-25 (aux)
WYOM Gillette	106.7	K294BD	RA Apr. 13th; primary changed to KLED-HD2 93.3 Antelope Valley.
WYOM Gillette	95.7	KCOV-LP	PC<100w/15m, 44-17-22/105-30-01
WYOM Kemmerer	89.3	762746	NS 8kw/284m, 41-50-18/110-30-14 (University of Wyoming)
WYOM Kemmerer	91.1	762743	NS 13kw/284m, 41-50-18/110-30-14 (University of Wyoming)
WYOM Therompolis	89.5	K208GF	QC from K210EK-89.9, 250w/78m, 43-39-07/108-15-09 (KCSP-FM 90.3 Casper)

# TV DX Reports

September 2022

Send your TV DX reports to [mikeb@wtfda.org](mailto:mikeb@wtfda.org). Make sure they are ready for printing. Text or .doc files are okay. Emailed files only. Format not important but paragraph style preferred. Photos welcome.

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## TV DX Report from Hazelwood, MO, June and July 2022

Eric Bueneman (NØUIH)

Since there is presently no TV DX column in the *VHF-UHF Digest*, I'm going to step up to the plate with writing my own TV DX report. This report is for the months of June and July of 2022.

A little bit about my location: Hazelwood is in northwestern Saint Louis County, about 15 miles northwest of downtown Saint Louis and the landmark Gateway Arch, and three miles north of Saint Louis-Lambert International Airport. The tuners used at this location are Zenith DTT-901 ATSC-1.0 tuners. One is connected to a 1984 Samsung 19-inch color TV; the other is connected to a 1999 Daewoo 13-inch color TV. A Channel Master CM3020 VHF/UHF/FM Yagi antenna at 28 feet (8.5 meters) above ground level is used for all logs.

**June 12:** E-skip was reported in my area; I made contact with several Hams along the East Coast on the 6 Meter band. The maximum usable frequency (MUF) was 101.7 MHz to the same area. All five VHF low-band channels were lighting up the signal meter, but only one decoded. At 2013 CDT, WJLP 3 (33) Middletown Township, NJ decoded; the distance was 870 miles (1,402 km). The first and third streams decoded; the first stream (3.1/33.1) was Me-TV, the third stream (3.3/33.3) was Grit TV. WJLP was not only my second DTV from New Jersey (WACP 4/4 Atlantic City being the other), but also the second DTV on RF Channel 3 (the other being KYUS Miles City, MT in May 2014). By 2130 CDT, tropospheric enhancement propagation took over.

**June 14:** After 0000 CDT, tropo favored southern Missouri. At 0018 CDT, KFVS 11 (12) Cape Girardeau, MO (115 miles/184 km) decoded; this one had not yet moved to 32 (the former digital channel of WPSD Paducah, KY). The second stream (11.2/12.2) featured The CW, the third stream (11.3/12.3) featured the Country-oriented channel Circle, the fourth stream (11.4/12.4) featured Me-TV and the fifth stream (11.5/12.5) featured Grit TV. At 0132 CDT, Springfield, MO (195 miles/314 km) came through with KOLR 10 (10). The second stream (10.2) featured the comedy channel Laff, the third stream (10.3) featured Grit TV and the fourth stream (10.4) featured the shopping channel ShopLC. I encountered a channel-sharing situation with KOZL (27) Springfield and KRBK (49) Osage Beach (140 miles/225 km) sharing RF Channel 22. I pulled in two KOZL streams; the first stream (27.1) with local programming as "Ozarks Local" and the second stream (27.2) with Antenna TV. Two KRBK streams also decoded: the third stream (49.3) with the do-it-yourself home improvement channel Dabl and the fourth stream (49.4) with Ion. After 0230 CDT, the tropo shifted to the Louisville area, southwest Indiana and southern Illinois. At 0242 CDT, WBKI 16 (58) Salem, IN (235 miles/378 km) decoded with local LP KDTL-CD (16) nulled. WBKI's second stream (16.2/58.2) featured Cozi TV, the third stream (16.3/58.3) featured My Network TV, the fourth stream featuring Movies! The fifth stream (16.5/58.5) featured True-Real, with the sixth stream (16.6/58.6) featuring Defy. WDRB 32 (41) Louisville, KY (250 miles/402 km) decoded at 0248 CDT; the second stream (32.2/41.2) featured Antenna TV, while the third stream (32.3/41.3) featured Ion. The fourth stream (32.4/41.4) featured the news channel Newsy. WPSD 19 (6) Paducah, KY (155 miles/249 km) decoded in a null of local KPTN-LD (7) at 0300 CDT; the second stream carried Cozi TV and the third stream featured local origination Classic TV channel WPSD Classic (complete with the station's 1960s logo). WTCT 30 (27) Marion, IL (100 miles/161 km) decoded at 0325 CDT with TCT programming; the second stream

(30.2/27.2) was the only other stream carrying Christian programming (in this case, the SonLife network). The third stream (30.3/27.3) carried the African-American channel The Grio, the fourth stream (30.4/27.4) featured Laff, the fifth stream (30.5/27.5) featured DigiTV and the sixth stream featured Bounce. Terre Haute, IN (170 miles/274 km) was seen after 0530 CDT, with only two streams of WAWV 18 (38) decoding: the first stream (18.1/38.1) with ABC and the second stream (18.2/38.2) with Grit TV at 0533. WTHI 10 (10) decoded at 0658 CDT with CBS on 10.1, Fox on 10.2, The CW on 10.3 and Ion on 10.4. WTVW 22 (7) Evansville, IN (165 miles/266 km) briefly decoded at 0704 CDT.

**June 18:** This was an all-Columbia, MO (105 miles/169 km) opening. KMIZ 17 (17) decoded at 0310 CDT; 17.2 featured Me-TV, 17.3 carried My Network TV, identifying as KZOU, 17.4 carried Fox, simulcasting KQFX-LD 30 (22), while 17.5 carried Bounce. KOMU 8 (8) was carrying NBC on 8.1 and The CW on 8.3. The station hadn't yet moved to RF Channel 27.

**July 2:** The only station outside the Saint Louis region that decoded was WLFJ 11 (18) Lafayette, IN (225 miles/362 km) at 0453 CDT. The second stream (11.2/18.2) featured The CW, Ion on the third stream (11.3/18.3) and Get TV on the fourth stream (11.4/18.4).

**July 21:** I noted a channel change on this opening: KRCC 29 (13) Jefferson City, MO (moving from 12) at 0239 CDT. This is the 46<sup>th</sup> DTV logged from Missouri. The stream lineup hasn't changed: Comet on the second stream (29.2/13.2), Charge! on the third stream (29.3/13.3), and TBD on the fourth stream (29.4/13.4). One wonders why the FCC would place two full-power stations on the same channel less than 150 miles (240 km) apart. After 0300 CDT, the opening shifted to southern Indiana. WTVW 22 (7) Evansville, IN (165 miles/266 km) decoded at 0315 CDT. Bounce was featured on the second stream (22.2/7.2), Escape on the third stream (22.3/7.3) and Ion on the fourth stream (22.4/7.4). All six streams of WBKI 16 (58) Salem, IN (235 miles/378 km) decoded at 0506 CDT.

**July 22:** A new station was noted at 0550 CDT: WCCU 36 (27) Urbana, IL (155 miles/249 km). I never logged this one on 26 due to KPLR (11) being on the channel in ATSC 1.0 and ATSC 3.0 formats. Two Classic TV channels are on the two other streams: Me-TV on the second stream (36.2/27.2) and Antenna TV on the third stream (36.3/27.3). This is the same configuration as WRSP 16 (55) Springfield, IL. WCCU is my 53<sup>rd</sup> DTV station from the Land of Lincoln. The other three Champaign/Urbana stations also decoded: WILL 9 (12), WICD 32 (15) and WCIA 34 (3). WLCF-LD 17 (45) Decatur, IL (110 miles/177 km) decoded at 0638 CDT. The first stream (17.1/45.1) carried the Christian Television Network (CTN) and the second stream (17.2/45.2) carrying Lifestyle. The big surprise of this opening was WGN 19 (9) Chicago, IL (255 miles/410 km) decoding at 0648 CDT in a null of KPTN-LD. Local news was carried on the first stream (19.1/9.1), with Antenna TV on the second stream (19.2/9.2), Court TV on the third stream (19.3/9.3) and Rewind on the fourth stream (19.4/9.4).

**July 23:** Two Terre Haute, IN (170 miles/274 km) stations decoded on this opening. With WTWO now on 35 (occupied by local KSDK), only a super-tight null can get this one in. WAWV 18 (38) decoded at 0406 CDT; this time, all four streams decoded. The second stream (18.2/38.2) carried Grit, the third stream (18.3/38.3) carried Bounce, and the fourth stream (18.4/38.4) featured Rewind. WTHI 10 (10) decoded at 0427 CDT; the second stream (10.2) is on the Fox network, The CW on the third stream (10.3) and Ion on the fourth stream (10.4). Infomercials were being carried on the CW and Ion streams. A strong signal lit up the signal meter on 21; I was surprised at the calls the PSIP data showed. Those calls turned out to be WBNS 21 (10) Columbus, OH (410 miles/660 km). A rather unintelligible picture showed up before fading out. This is my 10<sup>th</sup> DTV from the Buckeye State and my third DTV from the Columbus market.

As of August 1, 2022, my DTV total stands at 215. 73 and good DX from the Florissant Valley Dial Twister.

# Northern FM DX

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For Dxers in the following states: CT IA ID IL IN MA ME MI MN MT ND NE NJ NY OR PA RI SD VT  
WA WI WY and all of Canada

**EDITOR'S NOTE: PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.**

**All Submissions must be in to me by the 10<sup>th</sup> of the month.**

## Russ Edmunds, WB2BJH, Blue Bell, PA 2 SDRPlay RSP1a SDR's, APS9a at 15'

Time	CALL	FREQ	CITY	STATE	RDS PI	PROG DETAILS	DIST	GRID
<u>June 27 Es</u>								
10:28	KJIA	88.9	Spirit Lake	IA		Event promos, "Kinship Christian Radio"		
					1048 EN23			
10:28	WLRN	91.3	Miami	FL		RDS Capture 737B	1018	EL95
10:29	WMLV	89.7	Miami	FL		RDS Capture 758B	1052	EL95
10:31	WMXJ	102.7	Pompano Beach	FL	ID		1019	EL95
10:31	WMIB	103.5	Fort Lauderdale	FL	ID		1019	EL95
10:33	WXDJ	106.7	Fort Lauderdale	FL		Caribbean music, Miami mentions		
							1017	EL95
10:33	WURN	107.1	Key Largo	FL	ID		1082	EL95
10:42	WAYJ	89.5	Naples	FL	ID		1037	EL96
10:42	WLYF	101.5	Miami	FL	ID		1020	EL95
10:42	WFKZ	103.1	Plantation Key	FL		RDS Capture 62F9	1093	EL94
10:45	WZTU	94.9	Miami Beach	FL		RDS Capture 18AE	1031	EL95
10:48	WFEZ	93.1	Miami	FL		RDS Capture 625D	1019	EL95
10:50	WZFL	93.5	Islamorada	FL		Event promo	1093	EL94
11:00	WQCS	88.9	Fort Pierce	FL		RDS Capture 7F2E	925	EL97
11:00	WCNO	89.9	Palm City	FL	ID		946	EL97
11:00	WAVW	92.7	Sruart	FL	ID		937	EL97
11:00	WSCF	91.9	Vero Beach	FL		RDS Capture 8469	913	EL97
11:02	WMKL	91.9	Hammocks	FL	ID		1043	EL95
11:11	WPHR	94.7	Gifford	FL		RDS Capture 7D0B	917	EL97
11:11	WQOL	103.7	Vero Beach	FL	ID		907	EL97
11:14	WTKS	104.1	Cocoa Beach	FL		Local ads	864	EL98
11:15	WAFZ	92.1	Immokalee	FL	ID		1007	EL88
11:17	WAOA	107.1	Melborune	FL		Station promo	885	EL98
11:33	WUSF	89.7	Tampa	FL		Pledge Drive annct.	940	EL87
11:53	WRAZ	106.3	Leisure City	FL	ID		1070	EL95
11:55	WMBX	102.3	Jensen Beach	FL		Station promo	949	EL97

11:55	WIRK	103.1	Indiantown	FL	ID	963	EL96		
11:56	WDVH	101.7	Trenton	FL	"Joy FM"	844	EL89		
11:56	WWLD	102.3	Cairo	GA	Station promo - New			837	EM70
12:00	WRMB	89.3	Boynton Beach	FL	ID	982	EL96		
12:06	WZLB	103.1	Valparaiso	FL	Local ads	927	EM60		
12:06	WILN	105.9	Panama City	FL	Local ads	907	EM70		
12:12	WZEW	92.1	Fairhope	AL	RDS Capture 972A	980	EM50		
12:18	WRWA	88.7	Dothan	AL	Pledge annct.846	EM71			
12:45	WJLU	89.7	New Smyrna Beach	FL	RDS Capture 6D9E	834	EL99		
12:54	WSMR	89.1	Sarasota	FL	RDS Capture 8295	988	EL87		
14:46	WWOF	103.1	Tallahassee	FL	RDS Capture A931	835	EM70		
15:03	WTGF	90.5	Milton	FL	RDS Capture 0000	936	EM60		
15:23	WFUS	103.5	Gulfport	FL	ID	938	EL87		
15:24	WWRM	94.9	Tampa	FL	ID	940	EL87		
15:26	WRBQ	104.7	Tampa	FL	ID	937	EL87		
15:36	WPCS	89.5	Pensacola	FL	RDS Capture 7C8A	947	EM60		
15:36	WKSJ	94.9	Mobile	AL	RDS Capture 17ED	973	EM60		
15:41	WGSG	89.5	Mayo	FL	SONLIFE Net	826	EM80		
15:42	WNFB	94.3	Lake City	FL	ID	814	EM80		
15:45	WPAS	89.1	Pascagoula	MS	RDS Capture 7C56	993	EM50		
16:19	WMFV	89.5	Cedar Creek	FL	ID	844	EL99		
16:20	WBVM	90.5	Tampa	FL	ID 597A	939	EL87		
16:20	WDEC	94.7	Americus	GA	ID	760	EM71		
16:20	WAPE	95.1	Jacksonville	FL	ID	767	EM90		
16:22	WXUS	102.3	Dunnellon	FL	ID	837	EL89		
16:23	WXGL	107.3	St. Petersburg	FL	PSA	936	EL88		
16:27	WYFB	90.5	Gainesville	FL	BBN	810	EL89		
16:27	WYFO	91.9	Lakeland	FL	BBN	924	EM80		
16:31	WLXP	88.1	Savannah	GA	Air1	644	EM92		
16:31	WUFT	89.1	Gainesville	FL	RDS Capture 8A0D	825	EL89		
16:33	WTBH	91.5	Chiefland	FL	ID	854	EM62		
16:36	WWKA	92.3	Orlando	FL	ID	863	EL98		
16:36	WEAS	93.1	Springfield	GA	ID	653	EM71		
16:41	WZLC	88.9	Summerville	SC	RDS Capture 97CC	562	EM93		
16:41	WYFS	89.5	Savannah	GA	RDS Capture 949C	653	EM92		
16:44	WSSB	90.3	Orangeburg	SC	Promo - New	553	EM93		
16:44	WJXR	92.1	MacClenny	FL	ID	779	EM80		
16:46	WQGA	103.3	Waycross	GA	ID	725	EM91		
16:48	WTNT	94.9	Tallahassee	FL	Local ads	831	FM70		
16:49	WFSQ	91.5	Tallahassee	FL	RDS Capture 63C0	856	EM70		
16:49	WMTM	93.9	Moultrie	GA	RDS Capture 7652	796	EL95		
16:50	WVFS	89.7	Tallahassee	FL	RDS Capture 8CB0	840	EM70		
16:52	WPEH	92.1	Louisville	GA	Local ads	631	EM83		
16:52	WLWI	92.3	Montgomery	AL	RDS Capture 73F8	809	EM62		
16:53	WGLA	90.5	Nashville	GA	RDS Capture 659E	768	EM81		
16:54	WKKZ	92.7	Dublin	GA	ID	676	EM82		
16:55	WJLN	88.7	White Springs	FL	ID	802	EM80		
16:55	WLTR	91.3	Columbia	SC	RDS Capture 73B3	1018	EL95		
16:55	WGLF	104.1	Tallahassee	FL	RDS Capture 65A3	830	EM70		

16:58	WCFJ	92.1	Irmo	SC	ID	528	EM94
16:58	WDLT	104.1	Saraland	AL	ID	957	EM60
17:00	WBKG	88.9	Macon	GA	AFR, ID	686	EM82
17:00	WTSU	89.9	Troy	AL	ID	818	EM62
17:00	WAEF	90.3	Cordele	AL	AFR, ID	756	EM81
17:00	WHIL	91.3	Mobile	AL	AFR, ID	961	EM60
17:00	WVFJ	93.3	Greenville	GA	Thru local WMMR, trnx to Nick for web match	717	EM73
17:00	WFLF	94.5	Parker	FL	RDS Capture - New 12FF	909	EL79
17:00	WMGB	95.1	Montezuma	GA	ID	704	EM82
17:00	WAKB	100.9	Hephzibah	GA	ID - New+F115	600	EM83
17:00	WXBM	102.7	Milton	FL	ID	955	EM60
17:00	WMCG	104.9	Milan	GA	ID	711	EM82
17:01	KRLE	89.7	Carbon Hill	AL	RDS Capture 3E06	799	EM64
17:01	WJLV	94.7	Jackson	MS	RDS Capture 6D9F	996	EM42
17:02	WMPN	91.3	Jackson	MS	RDS Capture 75EB	986	EM42
17:03	WMRG	93.5	Morgan	GA	ID	777	EM71
17:03	WOYS	106.5	Carrabelle	FL	RDS Capture 7C22	901	EL79
17:04	WBJY	89.3	Americus	GA	ID	754	EM81
17:04	WWKM	93.1	Rochelle	GA	Promo	654	EN61
17:05	WJSP	88.1	Warm Springs	GA	RDS Capture 6E6E	726	EM72
17:06	WMAW	88.1	Meridian	MS	RDS Capture 75EB	920	EM52
17:06	WNCV	93.3	Shalimar	FL	RDS Capture 7745	926	EM60
17:06	WJXM	95.1	Marion	MS	RDS Capture 6ECE	921	EM52
17:08	WUWF	88.1	Pensacola	FL	RDS Capture 8BB9	941	EM60
17:13	WMAB	89.9	State College	MS	RDS Capture 7459	989	EM53
17:13	WQVE	101.7	Albany	GA	ID	770	EM71
17:13	WJAD	103.5	Leesburg	GA	ID	763	EM71
17:13	WQBZ	106.3	Fort Valley	GA	RDS Capture - New 7F1B	694	EM82
17:13	WYFA	107.1	Waynesboro	GA	BBN	608	EM93
17:14	WVKV	95.3	Nashville	GA	K-Love 768	EM81	
17:18	WMAE	89.5	Booneville	MS	RDS Capture 745C	822	EM54
17:18	WUGA	91.7	Athens	GA	ID	614	EM83
17:18	WOHT	92.3	Grenada	MS	ID	916	EM53
17:19	WXHT	102.7	Madison	FL	RDS Capture 922D	801	EM80
17:20	WKCC	90.5	Columbus	GA	RDS Capture 6F46	760	EM72
17:23	WLPT	88.3	Jesup	GA	RDS Capture 734D	692	EM81
17:23	WOLR	91.3	Lake City	FL	RDS Capture 973F	816	EM80
17:30	WMFT	88.9	Tuscaloosa	AL	Moody Net	816	EM63
17:37	WFFN	95.3	Coaling	AL	RDS Capture 626B	825	EM83
18:54	WDLM	89.3	E. Moline	IL	ID	799	EN41
18:58	WTPG	90.3	Whitehouse	OH	Multi-station ID - New+F146	445	EN81
19:00	WNIU	90.5	Rockford	IL	ID	726	EN52
19:00	WHHI	91.3	Highland	WI	ID	807	EN43
19:00	KSUI	91.7	Iowa City	IA	ID	844	EN41
19:00	KGGO	94.9	Des Moines	IA	ID	953	EN31
19:59	WLRH	89.3	Hartsville	AL	ID	721	EM64
19:59	WYAZ	89.5	Yazoo City	MS	ID	958	EM52
20:46	WJIS	88.1	Bradenton	FL	ID	987	EL87



20:46	WJLH	90.3	Flagler Beach	FL	RDS Capture 6D9E	815	EL99
20:46	WKRO	93.1	Port Orange	FL	ID	840	EL98
20:48	WCTQ	92.1	Venice	FL	RDS Capture 1BEE	987	EL87
20:48	WQEN	103.7	Trussville	AL	ID	790	EM63
20:53	WSCC	94.3	Goose Creek	SC	RDS Capture - New	1466	567 FM02
20:53	WSSX	95.1	Charleston	SC	RDS Capture F235	861B	567 FM02
20:53	WHTF	104.9	Havana	FL	ID	830	EM70
20:56	WYOY	101.7	Gluckstadt	MS	ID	986	EM39
21:00	WLMU	91.3	Harrogate	TN	ID	517	EM86
21:00	WUAL	91.5	Tuscaloosa	AL	RDS Capture 8983	829	EM63

July 2 Es

12:27	WPAS	89.1	Pascagoula	MS	RDS Capture 7C56	993	EM50
12:28	WMLV	89.7	Miami	FL	RDS Capture 758B	1052	EL95
12:28	WHGN	91.9	Crystal River	FL	Moody promos		882 EL98
12:28	WZEW	92.1	Fairhope	AL	RDS Capture 972A	980	EM50
12:36	WRKF	89.3	Baton Rouge	LA	RDS Capture 8295	1121	EM40
12:40	WOTB	88.7	Pearl River	LA	ID	1054	EM50
12:43	WJXM	95.1	Marion	MS	ID	921	EM52
12:50	WMAW	88.1	Meridian	MS	RDS Capture 75EB	920	EM52
12:50	WMAU	88.9	Bude	MS	RDS Capture 75EB	1056	EN41
12:50	WMPN	91.3	Jackson	MS	RDS Capture 75EB	986	EM42
12:54	WJLV	94.7	Jackson	MS	RDS Capture 6D9F	996	EM42
12:57	KHKN	94.9	Maumelle	AR	RDS Capture 138D	1009	EM34
12:59	WAIL	89.3	Hattiesburg	MS	ID	997	EM51
12:59	WPRG	89.5	Columbia	MS	ID	1020	EM51
12:59	WAQL	90.5	McComb	MS	ID	1046	EM41
12:59	WUAL	91.5	Tuscaloosa	AL	RDS Capture 8983	829	EM63
13:07	KQID	93.1	Alexandria	LA	RDS Capture 3B13	1112	EM31
17:45	WTKS	104.1	Cocoa Beach	FL	RDS Capture 17EA	864	EL98
17:45	WWLL	105.7	Sebring	FL	ID	951	EL97
18:26	WZTU	94.9	Miami Beach	FL	RDS Capture 18AE	1031	EL95
18:29	WTGF	90.5	Milton	FL	ID	936	EM60
18:29	WMGB	95.1	Montezuma	GA	ID	704	EM82
18:30	WLRN	91.3	Miami	FL	ID	1018	EL95
18:31	WQOL	103.7	Vero Beach	FL	ID	907	EL97
18:32	WEAS	93.1	Springfield	GA	Station promo		653 EM71
18:33	WPHR	94.7	Gifford	FL	RDS Capture 7D0B	917	EL97
18:34	WAVW	92.7	Stuart	FL	ID	937	EL97
18:34	WMBX	102.3	Jensen Beach	FL	Local ads	949	EL97
18:34	WIRK	103.1	Indiantown	FL	Local ads	949	EL97
18:45	WWGR	101.9	Fort Myers	FL	ID	1015	EL96
18:45	WBTT	105.5	Naples Park	FL	ID	1026	EL96
18:45	WCKT	107.1	Lehigh Acres	FDL	Local ads	1026	EL96
18:49	WJPT	106.3	Fort Myers	FL	Local ads	1018	EL96

### July 8 Es

8:20	KDHX	88.1	St. Louis	MO	RDS Capture 18B9	818	EM48
9:17	KNYD	90.5	Broken Arrow	OK	ID	1160	EM25
9:20	KWGS	89.5	Tulsa	OK	ID	1156	EM26
9:30	KYLV	88.9	Oklahoma City	OK	ID	1248	EM28
9:30	KNCT	91.3	Killeen	TX	ID	1401	EM10
9:30	KQCV	95.1	Shawnee	OK	Bott ID	1198	EM15
9:43	KUAF	91.3	Fayetteville	AR	ID	1061	EM35
9:45	KTFX	101.7	Warner	OK	Local ads	1129	EM25
9:47	KUT	90.5	Austin	TX	ID	1438	EM10
9:50	KTYL	93.1	Tyler	TX	ID	1221	EM22
10:00	KALD	91.9	Caldwell	TX	ID	1367	EM10
10:00	KAVX	91.9	Lufkin	TX	ID	1240	EM21
10:00	KNDE	95.1	College Station	TX	ID	1353	EM10
10:10	KROI	92.1	Seabrook	TX	ID	1361	EL29

### July 10 Es

17:13	WUWF	88.1	Pensacola	FL	RDS Capture 8BB9	941	EM60
17:21	WRWA	88.7	Dothan	AL	Program promo	846	EM71

### July 11 Es

13:00	KQSD	91.9	Lowry	SD	SDPB ID	1297	EN05
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### July 19 Es

11:14	WMAW	88.1	Meridian	MS	RDS Capture 75EB	920	EM52
11:14	WMPN	91.3	Jackson	MS	RDS Capture 75EB	986	EM42
11:25	KPAQ	88.1	Plaquemines	LA	RDS Capture 0000	1131	EM40
11:30	WRKF	89.3	Baton Rouge	LA	ID	1121	EM40
11:32	WLXW	89.7	Waynesboro	MS	ID	950	EM51
18:36	KNTU	88.1	McKinney	TX	ID	1295	EM13
19:26	KMNE	90.3	Bassett	NE	// KRNE 91.5	1262	EN02
19:26	KRNE	91.5	Merriman	NE	RDS Capture 3E3A	1378	DN90
19:32	KXNE	89.3	Norfolk	NE	// KRNE 91.5	1150	EN12
19:48	KCMO	94.9	Shawnee	KS	ID	1029	EM29
19:59	KHCD	89.5	Salina	KS	ID	1176	EM19
20:00	KLNE	88.7	Lexington	NE	ID	1286	EM00
20:00	KPRD	88.9	Hays	KS	IS	1251	EN08
20:00	KZNA	90.5	Hill City	KS	ID	1302	EM09
20:02	KKDT	93.5	Burdett	KS	ID	1304	EM08
20:08	KORN	92.1	Parkston	SD	Lia program	1200	EN03
20:14	KIWR	89.7	Council Bluffs	IA	Promo	1097	EN11
20:14	KKYA	93.1	Yankton	SD	ID	1160	EN12

## July 21 Es

10:30	KWND	88.3	Springfield	MO	ID	978	EM17
10:30	KWFC	89.1	Springfield	MO	RDS Capture 4A9C	994	EM37
10:30	KOSU	91.7	Stillwater	OK	RDS Capture 36E0	1245	EM15
10:34	KCKJ	89.5	Sarcoxie	MO	ID	1024	EM37
10:34	KJTH	89.7	Ponca City	OK	ID	1229	EM16
10:49	KBDD	91.9	Winfield	KS	SONLIFE Net	1180	EM17
11:10	KKDT	93.5	Burdett	KS	ID	1304	EM08
11:10	KCMO	94.9	Shawnee	KS	Local ads	1029	EM29

## August 6 Es

17:20	WLRN	91.3	Miami	FL	RDS Capture 737B	1018	EL95
17:20	WZTU	94.9	Miami Beach	FL	RDRS Capture	18AE 1031	EL95
20:16	KVLU	91.3	Beaumont	TX	RDS Capture 48A6	1263	EM30
21:10	KWAA	88.9	Mart	TX	ID	1368	EM11
21:10	KVNE	89.5	Tyler	TX	ID	1224	EM22
21:15	KRWR	92.1	Tyler	TX	Rangers BB	1232	EM22
21:17	KQID	93.1	Alexandria	LA	Local ads	1112	EM31
21:19	KAMX	94.7	Luling	TX	ID	1435	EM10
21:28	KNCT	91.3	Killeen	TX	"Sock Hop Saturday Night"	1401	EM10

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## **Jerry Bond**

### **Irondequoit, NY DXing mobile in 2014 Chevy Traverse**

#### **All times EDT**

## July 19 Es

1858	KYFL	89.5	Monroe	LA	Serving the Lord- KYFL.
1919	KHCT	90.9	Great Bend	KS	Radio Kansas. RDS-Public.
1921	UNID	91.9			K-Love.
1926	KRSL	95.9	Russell	KS	RDS-KRSL-FM. Local spots.
1928	UNID	89.9			RDS-Air 1.
1929	KJOV	90.7	Woodward	OK	presumed. With KJIL ID.
1933	KHCD	89.5	Salina	KS	RDS-Kansas Radio.
1937	KKDT	93.5	Burdett	KS	My Country 93-5. Home for K State sports.
1943	KANZ	91.1	Garden City	KS	Presumed. NPR-All Things

1944	KZAN	91.7	Hays	KS	Considered. HPPR. Fundraising.
1952	KWOX	101.1	Woodward	OK	c/w. K-101.
2000	KILO	94.3	Colo. Springs	CO	"New Rock."
2004	KSWN	93.9	McCook	NE	local spots.
2006	KYGO	98.5	Denver	CO	c/w. 98-5 KYGO.
2013	KSNP	97.7	Burlington	KS	RDS-KSNP.
2014	KALC	105.9	Denver	CO	RDS-KALC-FM. HD.
2019	KXKL	105.1	Denver	CO	Denver's Greatest Hits. HD.
2022	KOSI	101.1	Denver	CO	Cozy 101.1 HD.
2024	KRDQ	100.3	Colby	KS	local job opening.
2026	KNAB	104.1	Burlington	CO	The People's Choice-Country Hits and Country Superstars.
2028	KHAZ	99.5	Hays	KS	classic country. Real Country slogan.
2033	KFIX	96.9	Plainville	KS	classic rock. DJ Alice Cooper next.
2043	KWKN	95.3	Phillipsburg	KS	Joe Pags Show.

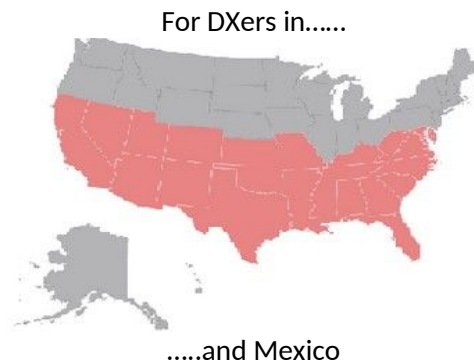
### July 21 Es

1041	KQSD	91.9	Lowry	SD	RDS-SDPB.
1043	KKYA	93.1	Yankton	SD	local spots.
1057	KTSD	91.1	Reliance	SD	NPR-S. Dakota.
1104	KCCD	90.3	Moorhead	MN	RDS-MPR News. Minn. News.
1105	KTWJ	90.9	Moffitt	ND	Religious. RDS-KTWJ.
1111	KZCH	96.3	Derby	KS	local spots.
1120	KMXA	99.9	Minot	ND	Your Variety Station-Mix 99.9.
1122	KZPR	105.3	Minot	ND	local spots.
1129	KPNO	90.9	Norfolk	NE	local spots.
1131	CJEL	93.5	Winkler	MB	The Eagle 93-5.
1145	CKMW	88.9	Winkler	MB	c/w. local mentions. Golden West Broadcasting.



## Southern FM DX

John Zondlo – 4009 Driftwood Circle –  
Yukon, OK 73099  
southernfmdx@wtfd.org – Deadline: 25<sup>th</sup>  
September 2022



### Eric Bueneman - 631 Coachway Lane - Hazelwood, MO 63042-1347 – CDT – miles/km

Equipment: Kenwood AR-304 AM/FM/FM Stereo receiver, Bearcat BCD996P2 analog/digital scanner, Channel Master CM3020 VHF-TV/UHF-TV/FM Yagi antenna at 28' (8.5m) AGL, Radio Shack discone at 27' (8.2 m) AGL, Diamond A144S5 5-element beam (vertically polarized) converted for the NOAA Weather Radio band at 32' (9.7m) AGL.

#### 7/2 Tr

- 0418 KSJQ 92.7 MO Savannah, "Q Country 92-7," country music, promos, ads, weather forecast 255/410
- 0424 KMMO 102.9 MO Marshall, local ads, country music 155/249
- 0435 WDNL 102.1 IL Danville, "D-102," hot AC 175/282
- 0439 KEC77 162.4 MO Saint Joseph, conditions for various cities in KS/IA/MO/NE, flood watches and warnings, PSA, legal ID 255/410
- 0447 KZZ34 162.45MO Carrollton, conditions for various cities in MO/IA/KS/NE, legal ID, CDT time check, KXI70 nulled 210/338
- 0507 WWVR 98.5 IL Paris, "98-5 The River," classic rock 145/233
- 0636 WHMS 97.5 IL Champaign, "Light Rock 97-5," ads, *American Top 40: The '80s* 150/240
- 0642 KPOW 97.7 MO LaMonte, "Power 97.7," classic hits 165/266
- 0659 KMZU 100.7 MO Carrollton, country music, local ad, legal ID at 0700 210/338
- 0708 WEAI 107.1 IL Lynnville, "107-1 The Eagle," legal ID, classic hits, taking out K296HAW/296DR 70/113
- 0711 KTGR 100.5 MO Fulton, "The Tiger," sports talk 85/137

#### 7/20 Tr

- 0349 KCKC 102.1 MO Kansas City, "KC-102," AC 225/362
- 0357 KMXV 93.3 MO Kansas City, "Mix 93.3," CHR, legal ID 225/362
- 0402 KCPT 99.7 MO Kansas City, "99-7 The Point," legal ID, hot AC 225/362
- 0455 KYLS 95.9 MO Ironton, "Froggy 96," country music, legal ID, Fox News Radio 80/128
- 0537 KWJK 93.1 MO Boonville, "Jack FM," adult hits 125/201
- 0542 KMMO 102.1 MO Marshall, jingle ID, country music 155/249
- 0548 KLOZ 92.7 MO Eldon, "Mix 92.7," hot AC 140/225
- 0558 WZ2512 162.525 KS Parker, weather forecast and conditions for Gardner, KS, conditions for various KS/MO cities, legal ID 255/410
- 0601 WWF76 162.475 MO Summersville, weather almanac, legal ID, heat advisory 130/209
- 0617 KWN55 162.425 MO Jamestown, legal ID, weather forecast for central MO 120/193
- 0621 KPOW 97.7 MO LaMonte, "Power 97.7," classic hits 165/266

#### 7/21 Tr

- 0431 WHET 97.7 IL West Frankfort, "US 92-7," classic country music 100/161
- 0546 KLPW 107.3 MO Steelville, "Real Talk Radio Network," local ads 65/105

#### 7/22 Tr

- 0317 KKSI 101.5 MO Eddyville, "101-5 Kiss FM," classic rock, Ottumwa ads 205/330
- 0350 WVIK 90.3 IL Rock Island, "Augustana Radio," classical mx, legal ID at 0400, NPR news 185/298
- 0421 KGRS 107.3 IA Burlington, "Mix 107.3," hot AC 140/225
- 0425 WLJ 89.7 IL Springfield, "Good News Radio," *Family Mission Network News*, underwriting 80/128

0433 WMAY 92.7 IL Taylorville, "92-7 WMAY, Springfield's News and Talk," local ads, *Coast-to-Coast AM with George Noory* 70/113  
 0437 WPBG 93.3 IL Peoria, "93-3 The Drive," classic hits 140/225  
 0441 WWVR 98.5 IL Paris, "98-5 The River," classic rock, promo, Terre Haute ads 145/233  
7/23 Tr  
 0150 WHMS 97.5 IL Champaign, "97-5 WHMS," 1980s and 1990s hits 150/240  
 0204 WMMC 105.9 IL Marshall, "Magic Hits 105.9," classic hits 160/257  
 0350 WDNL 102.1 IL Danville, "D-102," hot AC 175/282  
 0353 WCBH 104.3 IL Casey, "The Party," CHR 110/177  
 0356 WJJK 104.5 IN Noblesville, "104-5 WJJK, Indy's Classic Hits," classic hits 250/402  
 0604 WGKC 105.9 IL Mahomet, "US 105-9," local ads, legal ID 145/233  
 0719 WXK72 162.4 IN Putnamville, weather almanac for Terre Haute, legal ID, weather forecast 190/306  
 0728 KXI48 162.45 IL Newton, heat advisory, climate summary for Lawrenceville 135/217

Mostly regional tropo during the month of July; no E-skip has made it into my location since June. One local translator has returned to the air. K295CQ 106.9 Saint Louis, MO is now broadcasting a Rhythmic AC format, relaying the HD2 channel of KXBS 95.5 Bethalto, IL. It was previously relaying the sports betting talk shows of WGNU 920 Saint Louis, MO (sports betting is legal in IL, but not in MO), which has moved to 104.5. As of August 1, the FM total remains at 1,366, NWR total remains at 140. 73 and good DX from the Florissant Valley Dial Twister.

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[Fred Nordquist](#) – Moncks Corner, SC – FM03AF – EDT

Receivers: AirSpy with SDR Console (v3.0.20), Antenna: APS-13

7/10 Es 1519-1823 LA/TX/MS/AR/OK MUF: 107.9

1625 KMAR 95.9 LA Winnsboro, PI} 2FG1, country 688  
 1627 KTOC 104.9 LA Jonesboro, PI} 439A, "Sonlife Radio" 744  
 1632 KHfZ 103.1 TX Pittsburg, PI} 3136 – 'WMPA,' SS, religious music 868  
 1633 KLXE 93.5 LA Calhoun, PI} 2F66, PS} song/artist K-LOVE 718  
 1637 KCKL 95.9 TX Malakoff 933  
 1647 KPOS 104.3 AR Fouke, PS} 391A, local ad 801  
 1655 KYGL 106.3 AR Texarkana, PI} A507, classic rock 807  
 1657 WIQQ 102.3 MS Leland, PI} 6B78 638  
 1705 WNLA 95.3 MS Drew, PI} 7814, PS} WNLA FM, religious music 609  
 1706 WKXY 92.1 MS Merigold, PI} 717E, country 620  
 1824 KBHT 104.9 TX Bellmead, "Star 104-9" 976  
 1824 KOOI 106.5 TX Jacksonville, PI} 366C, "Jack FM," adult hits 896  
 1827 KIMW 105.5 LA Heflin, CSN Radio Net 775  
 1829 KMHT 103.9 TX Marshall, PI} A379, country 835

7/15 Es 0958-1106 NS/NB/ME/MA/NH/NY/QC/CT MUF: 107.1

1047 CFBO 90.7 NB Moncton, PI} C12B, "Plus 90 CFBO" 1197  
 1120 CBZA 103.7 NB Grand Manan, EE, CBC.CA 1062  
 1121 WFCC 107.5 MA Chatham, PI} 6212, classical 801  
 1235 CHOC 88.7 QC St-Raymond, PI} C540, "CHOC-FM," classic rock 1031

7/18 Es 1054-1301 – TA/TX/NL/COA MUF: 107.9

1133 XHMSN 96.5 NL Cadereyta, PI} 9650 – 'WYWM,' "Dominto," SS 1313  
 1204 XHESH 97.7 NL Sabinas Hidalgo, "Radio Sabinas," SS 1294

8/14 Es 1206-1237 OK/TX/AR MUF: 104.1

1217 K261CR 100.1 OK Chickasha, local ad, Gospel Station Network 1031

8/14 MS

1701 KBMP 90.5 KS Enterprise, PI} 13EB, logged previously via Es 1041

Many relogs. All above new to log (except for KBMP). FM Log Totals to Date = 4430

# 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!**

## TV NEWS CONTINUED FROM PAGE 26

Communications Service, or ARCS. This is a system that delivers a channel of PBS (from KAKM); a local service 360 North; University of Alaska-Fairbanks TV; and First Nations Experience (FNX). A fourth channel carries a rotating schedule of ABC, CBS, Fox, NBC, and My Network TV programming from the networks' Anchorage affiliates.

Many of these ARCS stations were unable to complete digital conversion by July 2021. (for obvious reasons based on Alaska's unique geography!) They received special authority to continue in analog until digital conversion could be completed. I'm not finding documents regarding why these specific stations were allowed to be canceled.

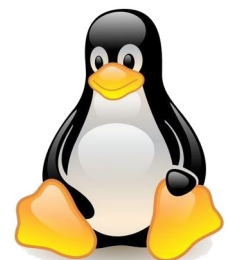
### ATSC 3.0 SCORECARD

*Louisville, Kentucky:*

WKMJ-TV to convert to ATSC 3.0, with 1.0 simulcast on co-owned WKPC-TV.

*Franklin, North Carolina:*

W19DB requests STA to operate in ATSC 3.0.



100% Linux