



VHF-UHF

The Magazine for TV and FM DXers

DIGEST

December 2019



The Official Publication of the Worldwide TV-FM DX Association

Las Vegas Towers



Courtesy of Bill Nollman

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THE VHF-UHF DIGEST

THE WORLDWIDE TV-FM DX ASSOCIATION

Serving the UHF-VHF Enthusiast

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: DOUG SMITH, KEITH MCGINNIS, JIM THOMAS AND MIKE BUGAJ.



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Our real-time (prop logger) bulletin board is located at <http://wtfdadxbb.vci.net>. Only WTFDA members can participate.

You can find WTFDA on Facebook. Our group is called [TV and FM Dxing](#). This is a public group. We also have a private group called [WTFDA](#). This group is just for WTFDA Members.



The WTFDA FM Database is administered and updated by your fellow WTFDA members. It is completely free to use. You can find it at <http://db.wtfda.org>. Only the FCC and Radio-Locator top us on Google searches.

FM Radio Station Database

db.wtfda.org/ ▼

Database of US Canadian Mexican Central American and Caribbean FM Radio Stations.



The Mailbox

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DUES RECEIVED

DATE	NAME	S/P	EXP
11/4/2019	Doug Speheger	OK	10/20
11/9/2019	George Mileon	MA	12/20
11/13/2019	Marvin Shults	IL	11/20
11/14/2019	Steven Wiseblook	TX	10/20
11/19/2019	Albert Kopec	NY	12/20
11/22/2019	Bill Nollman	CT	11/20
11/24/2019	Leigh Donaldson	AUS	12/20
11/25/2019	Nigel Ward	ON	11/20
11/26/2019	Ted Liszewski	NJ	11/20

This month we say welcome to Albert Kopec. Al lives in Dundee NY and goes way back in TV DXing, and by that I mean back to the days of the AIPA. Al intends to try his hand at TV DXing again. It's a new ball game now and we wish Al the best in coping with DTV DXing.

We thank all of you for renewing your membership and thank you all for your support of the WTFDA. The year 2020 will be the year that either makes or breaks the hobby of TV DXing. As we close in on the end of the TV repack, we'll find out just how bad it has hurt the hobby and if the injuries were fatal.

HOW HE STARTED TV DXING



Mike Glass posted this recently on the TV and FM DXing Facebook group regarding the photo posted on the lower left side of this page: "This is a photo of my first TV DX antenna, a five element Channel Master Traveling Wave VHF Antenna. My parents bought this house (a view of the back) on the south side of Kokomo, IN, in 1961. Of course the antenna came with the house but it was here that I discovered Eskip. One afternoon in 1964 I stumbled upon WEAR 3 from Pensacola, FL. The antenna was facing south to get the four Indianapolis area stations so it was aimed correctly for WEAR. If we had been on cable (which was not available in Kokomo yet) I may not have become a TV DXer."



FIND YOUR DONGLE

Somewhere, tucked away in a drawer or hidden away in a box somewhere is an RTL-SDR dongle that you bought once and thought you'd never use again.

Find it. Find it because next month we will tell you what to do with it and show you how to do it. What you can do with it is really cool.

And so, the year 2019 comes to an end. For many DXers it was a year without an Es season (except for the few that live in the 'magic' spot). The repack shoved TV stations closer and closer together and turned ch38-51 into a vast wasteland. Will there be an Es season in 2020? Will there be any TV DXers left after the repack ends? Stay tuned.

Over-the-Air Sticking Around Amid Streaming Wars

Michael Balderston Nov 20, 2019

A Quarter of TV watchers Use Antennas with Nearly Half Starting to Use Them in the Last Three Years

NEW ROCHELLE, N.Y.—Disney+ is the shiny new toy for consumers and has seen a significant response in its first week, but some consumers are going old school, watching TV through over-the-air antennas.



This comes via a report from Horowitz Research, “OTA: The New TV Growth Story 2019,” which finds that 29% of TV content viewers 18 years and older own an antenna, while one in four (24%) actively use an antenna to get TV content on at least one of their sets. For many, the move to antenna is actually a recent phenomenon, with 44% of antenna users saying they got their first antenna within the past three years.

Horowitz found in its report that many of the stigmas of antenna users (older, not tech-savvy, lower-income) don't completely pan out. Half of antennas users are under 50, with 24% of them being between 18 and 34. The average household income is actually higher than non-antenna users. And even with an antenna, they tend to be heavier TV viewers and are more likely to be streamers than non-antenna users; 87% of antenna users stream compared to 75% of non-antenna users.

One reason that could account for the rise in antenna usage is the cord-cutting trend. Horowitz found 39% of streamers that got an antenna said it was a key because they wanted to cancel their cable/satellite service; 28% said it was a reason, but not the key reason.

Still, 60% of antenna users still have a traditional pay-TV service. MVPD subscribers use antennas to get specific channels not available through their cable/satellite service, like local channels or those in the middle of a carriage dispute. Other reasons are as a backup in case of an outage, to avoid having a cable box and on TVs that may not be wired for cable.

“Free or low-priced TV is more readily available to consumers than ever before,” said Adriana Waterston, Horowitz’s senior vice president of insights and strategy. “The number of OTA channels is increasing. And new technologies like OTA DVRs, OTA integration into connected TV platforms and the rollout of Next Gen TV standards will only serve to increase consumer awareness and accelerate usage of over-the-air content in the viewing diets of American viewers.”

Channel 15 Interference in L.A.

Raymie Humbert

Raymie's Mexico Beat WTFDA Forums 11/14/2019

Los Angeles County, California, today won a victory at the FCC when its petition to deny a TV translator displacement application was granted.

K12PO, which can't use channel 12 now that KDOC-TV has it, asked to move to channel 15. LA County filed to block the move because it said K12PO's operations on channel 15 would cause impermissible interference to its land mobile system that operates on the channel. In 2008, the county had been granted a waiver by the Public Safety and Homeland Security Bureau to use the channel 15 spectrum for a UHF voice radio system, part of a larger communications network with elements both in the 470–512 MHz and 700 MHz bands.



Mt. Disappointment

LA County said that if Temecula went on the air on 15, it would cause interference that would render parts of the system inoperable, particularly because K12PO's transmitter site is line-of-sight to Mt. Disappointment in the San Gabriel Mountains, where the county has a transmission site.

But LA County had another bone to pick with the FCC, and this one involves Mexico. That's right, K12PO isn't the only channel 15 that is causing havoc for LA County.

XHTJB's Interfering...Again

In August 1999, VCR owners in San Diego suddenly faced a problem. On channel 3 on their sets, their VCR pictures were competing with ghosts and Spanish audio. It wasn't witchcraft: it was XHTJB, the new Once TV station in Tijuana on channel 3, which had begun operations after four years of planning. The new public television station, still the only one in all of Baja California, was forced to coordinate with other entities. The IPN dropped its ERP from the proposed 100 kW to 40 and ramped it up over several days in order to mitigate concerns.

In digital, XHTJB built out on channel 46. Repacking, however, moved it to channel 15. And now, thanks to coastal ducting, it's causing serious interference

challenges for the county's public safety system, known as the Los Angeles Regional Interoperable Communications System (LA-RICS). LA County minces no words in its disappointment with the FCC:

"Unbeknownst to LA County, the Commission's International Bureau conducted negotiations with the Mexican government to permit the assignment of a television assignment on Channel 15 in Mexico not far from the Mexico/United States border. Apparently, these negotiations resulted in the International Bureau agreeing to such an assignment, with reduced Effective Radiated Power (ERP) and requiring the use of a directional antenna. Unfortunately, the Commission did not inform LA County of the negotiations.

The Commission now knows that this agreement between the Commission and the Mexican government was fatally flawed. As demonstrated by Pericle to the Commission in a series of site-based studies, LA County is now experiencing interference so significant at its many of its transmitter sites that such sites are unusable on Channel 15. LA County's attempts at mitigation (which should be the responsibility of the television station, but-for the fact that the assignment is pursuant to treaty negotiations) have been ineffective thus far, and any additional mitigation techniques will be extremely expensive to LA County (if such techniques can even be discovered)."

The county also took the opportunity to point out that channel 16, which also has a public safety use, would have had an interference issue in the other direction because of the repacking of KSEE in Fresno (which had actually been moved from 16 to 38 due to interference and moved again). KSEE was assigned another allocation.

Can XHTJB Be Moved?

The problem is that there's not much of anywhere for XHTJB to go, if it was decided that it had to leave channel 15. While repacking plans made room for up to two additional TV stations in Tijuana, they were not given final assignments. Pre-repack, the IFT-6 TV allotment for Tijuana was to be placed on channel 14. The repacking tables list it as "floating". The IFT-6 list of frequencies says that it was not even decided whether the station would be on UHF or VHF because of international coordination.

XHTJB is already unlike other stations in Tijuana: directional and at lower power. (This is how it won the right to get virtual channel 11 — because it didn't overlap with KTTV.)

When A Local Station Becomes DX

Curtis Sadowski



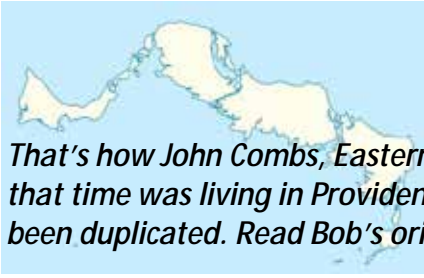
I know all of you have had local stations that due to technical issues, go to low power operation, sometimes for extended periods. That has now happened to one of my local stations.

On Monday we had some winter weather here, a lot of wind, with rain followed by snow. Not generally a problem here, it happens often. This time, there was a slight difference. Tuesday morning, I was wrapping up my shift at work. My last hour, not much is happening, but the managers at the company I watch are arriving then, and I need to at least make it look like I'm alert. So, I put all my usual gear away and listen to the radio. I decided to catch the morning news cast off my local station 104.9 WPXN Paxton, Illinois, which is right at the edge of it's coverage area at my job. Nothing doing, no station there. I decided that they had some issue with power, and were off or running flea power. On the way home, I listened to that frequency, which was mostly WAXI from the Wabash Valley in Indiana. I get to about ten miles out from Paxton, no reception of WPXN. I conclude it's off altogether. When I get to the exit for Paxton, I see the immediate reason why - the tower they broadcast from in the middle of the local electric co-operative work yard is missing. I assume it's on the ground out there. I drive by the station, no one is there, and there is a notice on the door. So, once I get home I start looking for news of the tower collapse, no results. The station website is up, no mentions of trouble there, and the webstream is broadcasting the hiss of an empty channel. Their Facebook page mentions that they are off due to antenna issues. Surely, the understatement of the year.



The following day, nothing heard at all from them. Until I drive to work, about a half mile out from Loda, I hear oldies on 104.9. I decide WAXI is up via local tropo. Wrong! The station gets louder as I drive the three miles into Paxton. WPXN returned, with a range shorter than line of sight. There is a utility truck with a boom extended that has an antenna mounted on it at the usual tower site. I then lose reception about three miles south of town.

The next morning on the way home, I noticed that the reception area I'm getting from WPXN is at odds with the location of the improvised tower. I then notice that at the station, a stick antenna with a co-ax leading from it is propped into the STL tower at a 45 degree angle about 8 feet off the ground. That accounts for the short range, no idea what power they're running, but it can't be more than a few Watts. It does seem to cover the city of license, driving through town later, I lost reception at the west edge of town by the sewage plant. I can barely make the station out here in Loda, less than four miles out, on my DX set up. Effectively, my nearest local is now actual DX.



INCREDIBLE!

That's how John Combs, Eastern TV-DX Editor in July 1988, described this report from Bob Cooper, who at that time was living in Providenciales, Turks and Caicos. This is a one-of-a-kind reception and it has never been duplicated. Read Bob's original report on page two of the July 1988 VUD at www.wtfd.org

Bob Cooper Providenciales, Turks & Caicos Is. (Mail: POB 100858, Ft. Lauderdale FL 33310)

I last reported in about 1978 (!). Once every ten years seems appropriate. At the time, I was reporting from Oklahoma (left there with 787 stations logged). Have lived here some 590 miles SSE of Miami since August 1980. Installed a semi-serious set of VHF,FM and UHF antennas early in 1987 and have been DXing as time allows since. This could be a DXer's dream: nearest locals, in the Dominican Republic, more than 1:0 miles away (2,5,9,11). Within 300 miles, there are fewer than a dozen stations. Nearest UHF is nearly 600 miles (PR, FL). All channels clear all of the time, except for DX. At 590-850 miles, Florida signals most frequent DX seen. I have logged virtually every VHF and UF (including xltrs) in the state except in western panhandle. No longer chasing stations *per se* because of parallel intense activity on 6 meter, 2 meter and 70cm ham bands: one has his priorities. So I end up using TV or FM as a "top off" that conditions are ripe for distant VHF-UHF ham band contacts. This means we TV or FM DX "just before and "just after" ham bands have opened. In the case of hi-band VJF TV Es, will cross check during intense openings. So much for background.

I will skip mundane Es and tropo to date. Skip started well here on April 24 and has been More consistent and with higher MUFs, than past several years. Did have hi-band Es (chs 7,8) into NC & VA around 1830 EDT on May 9th. Naturally, I headed for 2 meters.

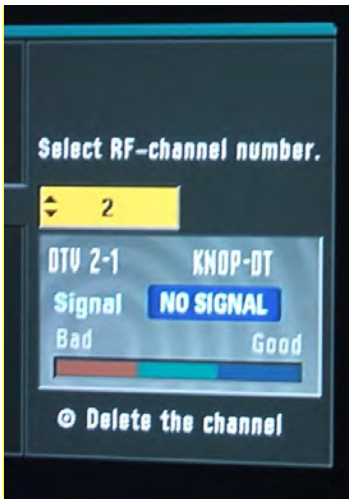
Massive, moist high pressure area laid all along the east coast May 8-9-10, building strength daily. A front from the west began pushing on it early May 9. We saw rapid improvement in FL area TV and FM sigs here. Started seeing hints of mid-Atlantic tropo on hi-band around 1800 May 9th, very confusing as we had Es int SAME area on lo-band, 7, and 8 at 1830! Can you log a 900 mile ch. 7 on Es and tropo at the SAME time? I did.

By 2300 May 9 things were humming. I stayed on 2m and 70cm until 0115 on the 10th, and then went to TV and FM. Logged in rapid succession WTNH-8 CT (1350mi), WPIX-11 NY (1215 mi.), WMUR-9 NH (1440 mi), WGME-13 ME (1520 mi), WPRI-12 & WJAR-10 (MA) (1290mi.) WNEV-7 MA (1360 mi.). Great sigs, many snow-free, very stable. Switched to UHF and then remembered that my B-T CMAU-LN pre-amp had been struck by lightning and not replaced yet. Oh, well...would try anyhow. WBCF-42 (1305mi) (where's that one, Bob?—jfc), WPXT-51 ME (1510mi), WLIG-55 NY (1225 mi.) WTIC-61 CT (1340 mi.) WNAC-64 (MA) (1340 mi.) WHSI-67 (1215 mi.), WHSE-68 NY (1215 mi.), and WQTV-68 MA (1360mi.). band stayed open all night with WSBK-38 MA (1360mi.) and WBTW-13 SC (910 mi.) (SC snuck in there...) and others added. Around 0420, lo-band VHF also from Boston for unusual tropo distances: WCVB-5 and WBZ-4 at 1360mi. Florida QRM off side of antennas, even 7' UHF dish, fierce at times. Virtually all New England on FM band until around 0530 fade out. At that point as New England peeled away, I started hearing 900-1000 mile narrow-duct NC sigs on FM (explaining earlier WNTW-13). Upon diagnosis, it turned out the UHF pre-amp was not dead, just badly wounded. It had lost lower end of band gain and everything below about ch. 45 was a signal loss rather than a gain. Naturally, I have replaced that pre-amp

As interesting as all of this may be ("interesting" is hardly the word for it! –jfc) my real target is Texas on UHF (1600+ miles). It's just a matter of time. And the Canadian Maritimes at 1800+ miles are also an interesting target. 'Til another 10 years...73, bob

TV News

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December 2019



Location	RF Ch	Callsign	Notes
Alabama			
Troy	19	WIYC	From 48, 185kw/322m; granted.
Alaska			
Anchorage	25	K45HQ	From 45, 1.5kw/-73m.
Arizona			
Globe	19	KDOS-LD	From 29, 12kw/990m; granted & moved.
Arkansas			
Hot Springs	23	K38OS	Moved from 38, 10kw/164m, 34-32-34/92-52-32.
Baja California Sur			
Cabo San Lucas	35	XHCPCS-1	New shadow, 14.92kw/213m, 22-55-44/109-51-54; convert former main to shadow.
San José del Cabo	35	XHCPCS-	Granted power increase 56.09kw/680m, 23-01-49/109-43-43; move from Cabo San Lucas.
California			
Agoura Hills	3	KVTU-LD	Granted power increase to 3kw/615m, 34-19-27/118-34-54
Bakersfield	4	K46II	From 46, 700w/373m.
Bakersfield	15	K08MM	From 8, 15kw/380m, 35-26-17/118-44-26 dismissed. Would interfere with KFVD-LP Porterville.
Bakersfield	27	KEBK-LD	Requests STA 14.9kw/1070m, 35-27-14/118-35-40; to use lower-powered transmitter until permanent unit is available in April 2020. Granted.
Bakersfield	28	KDBK-LP	Moved from 41, 15kw/1068m.
Bakersfield	28	KZKC-LP	See sharing host KDBK-LP.
Banning	10	KRVD-LD	From 5, 3kw/253m, 33-56-41/117-49-19; granted.
Chalfant Valley	23	K23OG	Canceled Oct. 29 th
Chalfant Valley	25	K25PK	Canceled Oct. 29 th
Chalfant Valley	28	K28PM	Canceled Oct. 29 th
Chalfant Valley	39	K39KE	Canceled Oct. 29 th
Chalfant Valley	41	K41KZ	Canceled Oct. 29 th
Chalfant Valley	43	K43LV	Canceled Oct. 29 th
Crowley Lake	17	K17DF	Canceled Nov. 13 th .

Location	RF Ch	Callsign	Notes
Crowley Lake	19	K19DI	Canceled Nov. 13 th .
Crowley Lake	49	K49EA	Canceled Oct. 31 st .
Fremont	26	KTVU-DRT	Moved from 48, 2.15kw/655m.
Hemet	27	KSCD-LD	From 38; granted.
Los Angeles	26	KMRZ-LD	Requests STA for this channel, 300w/-35m, 34-03-48/118-21-11; pending completion of permanent authorized facilities on this channel.
Paso Robles	26	K26MT	New to the air, 420 watts/217m, 35-38-45/120-44-20.
Riverside	32	KRMV-LD	Requests power increase to 6.63kw/507m, 33-57-37/117-16-43.
Sacramento	19	KMUM-CD	From 31, 15kw/101m; granted
Sacramento	48	KSPX-TV	Requests STA 48kw/226m, 38-14-50/121-30-07; interim pre-repack facility pending move to ch. 21. Granted.
San Francisco	29	KPIX-TV	Requests STA 500kw/3906m; interim lower & reduced-power facility pending completion of repack work by other stations on the same tower. Granted.
San Francisco	38	KRON-TV	Requests increase of interim pre-repack ERP from 500kw to 750kw. Granted.
Temecula	3	K12PO	Requests STA for this channel, 3kw/102m, pending approval of move to ch. 15. (which seems unlikely to be approved) STA granted.
Temecula	15	K12PO	STA for this channel, 9kw/102m dismissed. See ch. 3.
Chihuahua			
Cd. Delicias	29	XHCTCH-1	New shadow granted for Chihuahua, 10kw/-50m, 28-10-35/105-31-16
Colima			
Tecomán	27	XHCTCO-1	New shadow granted for Colima, 20kw/12m, 18-56-04/103-53-15.
Colorado			
Denver	2	KBRO-LD	OFF Oct. 21 st pending move to ch. 2.
Denver	30	KLPD-LD	Moved from 28, 15kw/231m.
Greeley	17	KPJR-TV	Requests STA 317kw/362m; to operate at approximately half power pending transmitter repairs. Granted.
Hotchkiss	13	K13ML	Request for digital conversion, 268 watts/103m, 38-42-41/107-36-23 dismissed. Tower within the glide slope of the Crawford-Delta Co. Airport.
Longmont	29	KDEN-TV	Requests power reduction to 650kw/269m, 39-43-51/105-13-56.
District of Columbia			
Washington	30	WIAV-CD	Requests power reduction to 15kw/151m.
Washington	30	WMDO-CD	See sharing host WIAV-CD.
Durango			
Cuencamé	24	XHCTTR-1	Granted new shadow for Torreón, Coahuila, 1kw/-54m, 24-51-51/103-41-51.
Florida			
Boca Raton	25	WBEC-TV	Application for new aux backup transmitter, 396kw/244m, 25-59-10/80-11-36
<i>Bradenton</i>	3	STA-746043	<i>Requests STA 30 watts/23m, 27-30-15/82-34-18; analog facility broadcasting to attendees at the Bradenton Area River Regatta, Feb. 7-9, 2020.</i>
Bradenton	42	WXPX-TV	Granted STA 250kw/255m; interim pre-repack facility pending

Location	RF Ch	Callsign	Notes
Fort Myers	15	WBBH-TV	construction of permanent post-repack facility. Requests STA 620kw/454m; interim antenna to allow WBBH & WZVN to operate pending replacement of shared antenna, required for WZVN's new channel. (WBBH isn't moving) Granted.
Fort Myers	50	WINK-TV	Requests STA 567kw/388m, 26-47-09/81-47-46; interim pre-repack facility at alternate site pending completion of permanent facility. Granted.
Fort Walton Beach	25	WAWD	Moved from 49, 42kw/61m.
Fort Walton Beach	40	WPAN	OFF Oct. 19 th pending move to post-repack ch. 21. Legal dispute with tower owner.
Jacksonville	30	W30EE	From W39DF; granted & moved.
Jacksonville	44	WJEB-TV	Granted STA 362kw/95m; interim pre-repack facility pending installation of post-repack antenna.
Kissimmee	21	WKME-CD	Moved from 15, 12.3kw/105m, 28-21-39/81-30-38.
Miami	4	STA-746067	Requests STA 5 watts/20m, 25-57-29/80-14-20; analog facility broadcasting to attendees at Hard Rock Stadium between Jan. 20 th and Feb. 2 nd .
Miami	5	STA-746074	Requests STA 5 watts/20m, 25-46-41/80-13-11; analog facility broadcasting to attendees at Marlins' Stadium between Jan. 20 th and Feb. 2 nd .
Miami	18	W17DG	From 17, 15kw/248m; granted.
Miami	18	WTXI-LD	From 33; sharing on W17DG.
Ocala	21	W21DX	From W42DJ, 4.9kw/126m; granted. Previously-requested STA for same facilities now moot..
Orlando	47	WATV-LD	Returned to the air Nov. 9 th .
Pensacola	35	WJTC	From 45; granted.
Sebastian	29	WDOX-LD	From 24, 5kw/113m, 27-27-59/80-27-54.
St. Petersburg	36	WSPF-CD	From 38, 9.1kw/386m, 27-49-11/82-15-38; granted.
St. Petersburg	40	W40CU	OFF Oct. 18 th pending move to ch. 32.
Tallahassee	38	WUFX-LD	Returned to the air Oct. 3 rd but off again Oct. 8th, technical reasons.
Wabasso	8	WXOD-LD	From 33, 3kw/271m; granted.
Georgia			
Albany	24	W48DU	Requests STA 100w/1m. Reason unknown, attached explanation was for K46KW in Texas... Granted. Has available low-powered equipment for immediate installation.
Atlanta	3	WTHC-LD	Granted STA 3kw/93m, 33-25-57/84-26-25; to operate on both channels 3 and 42 pending replacement of receiving equipment at 106 hotels which are responsible for most of WTHC's audience.
Atlanta	6	WTBS-LP	OFF Nov. 22 nd pending move to ch. 20; issues with combiner to share antenna with WANN-CD.
La Grange	20	WCGZ-LD	Requests STA 2.6kw/40m, 33-02-12/85-07-09; interim site pending location of suitable permanent site. Granted.
La Grange	28	W28EU	From W42DU, 15kw/129m, 33-03-01/83-57-10; granted.
Macon	11	WUEO-LD	From 49, 3kw/113m, 33-44-41/84-21-36; granted & moved. Previously-requested STA for same facilities now moot.
Savannah	33	WDID-LD	From 26, 15kw/88m, 32-05-47/81-19-10; granted. Requests amendment to 13.8kw/126m.
Warner Robins	38	WMUB-LD	Requests STA 3.75kw/222m; to operate at approximately 25% power to avoid interference to T-Mobile until station can move to ch. 31. Granted.

Guerrero

Location	RF Ch	Callsign	Notes
Arcelia	51	XHIGN-1	380w/-141m, 18-19-26/100-16-47.
Coyuca de Benítez	32	XHAP-1	560w/-75m, 17-00-38/100-05-03
Tecoanapa	32	XHAP-2	390w/-105m, 16-59-11/99-15-37

Idaho

Coeur d'Alene	18	KCDT	Moved from 45, 50kw/461m.
Holbrook	11	STA-745677	Application for new station, 80 watts/-159m, 42-12-27/112-41-37; to serve as intercity relay for TV translator.
Idaho Falls	29	K29KG	New to air, 300 watts/-23m, 43-14-31/112-15-26. Requests power increase to 15kw/290m, 42-51-50/112-31-13; granted.
Leadore	25	K38OG	Moved from 38.
Payette	17	K17ED	Returned to the air Nov. 13 th .
Preston	10	STA-745673	Application for new station, 80 watts/-159m, 42-12-27/112-41-37; to serve as intercity relay for TV translator. See Holbrook.
Salmon	15	K46EC	Moved from 46.
Salmon	30	K42JX	Moved from 42.
Salmon	32	K40LW	Moved from 40.
Salmon	36	K44KM	Moved from 44.
Twin Falls	23	KVUT-LD	From 48, 15kw/170m. Granted.

Illinois

Chicago	25	WTTW	Granted STA 110kw/510m; interim post-repack facility pending completion of permanent facility.
Chicago	25	WYCC	See sharing host WTTW.
Chicago	31	WESV-LD	Requests STA 4.8kw/457m; to operate at reduced power on incorrectly oriented broadband antenna pending availability of crews to reorient it. Granted. Returned to the air Nov. 1 st , presumably under this STA.
Chicago	33	WMAQ-TV	New aux on the air, 175kw/510m, 41-52-44/87-38-08.
Chicago	33	WSNS-TV	See sharing host WMAQ-TV.
Chicago	40	WESV-LD	OFF Oct. 18 th pending move to ch. 31.
Macomb	36	WMEC	From 21, 100kw/129m; granted.
Mount Vernon	9	W42EM	From 42, 3kw/102m, 38-26-15/90-28-41.
Naperville	32	WWTO-TV	See sharing host WLPD-CD Plano.
Olney	23	WUSI-TV	Moved from 19, 110kw/284m.
Ottawa	29	WAUR-LD	OFF Oct. 14 th .
Peoria	24	WHOI	From 19, 402kw/212m, 40-37-46/89-32-53 (WEEK-25 tower). Granted.
Plano	32	WLPD-CD	Moved from 35, 15kw/86m. Requests STA 15kw/57m.
Rockford	23	WFBN-LD	Moved from 35, 15kw/198m, 42-17-48/89-10-15.
Springfield	30	WODK-LD	From 45, 15kw/149m, 38-34-28/90-19-32; granted.

Indiana

Bloomington	27	WTTV	Moved from 48, 1000kw/360m.
Bloomington	33	WTIU	New post-repack aux on the air, 797kw/219m.
Evansville	27	W27DH	Returned to the air Nov. 1 st .
Evansville	28	WEVV-TV	Moved from 45, 243kw/311m.
Evansville	33	WUCU-LD	Returned to the air Nov. 1 st .
Fort Wayne	16	WFWC-CD	Moved from 45, 15kw/116m.
Fort Wayne	20	WFFT-TV	Moved from 36, 550kw/240m.
Fort Wayne	23	WCUH-LD	Moved from 16, 5kw/109m, 41-05-57/85-08-42.
Fort Wayne	25	W43DI	Moved from 43, 15kw/93m, 41-05-57/85-08-42.
Fort Wayne	36	WODP-LD	Moved from 49, 15kw/99m, 41-05-57/85-08-42.
Hammond	21	WJYS	Moved from 36, 140kw/510m.

Location	RF Ch	Callsign	Notes
Indianapolis	17	WALV-CD	Moved from 46, 8.18kw/268m.
Indianapolis	36	WBXI-CD	Converted from analog ch. 47, 15kw/268m.
Lafayette	17	WPBI-LD	From 16, 15kw/55m; granted.
Salem	16	WBKI	From 51, 725kw/340m; granted & moved. (aux)
South Bend	23	WUEA-LD	Site changed to 41-24-43/86-01-51; 6kw/103m. (Nappanee)
South Bend	29	WSBT-TV	Moved from 22, 400kw/333m.
South Bend	36	WHME-TV	Moved from 48, 260kw/304m.
Terre Haute	24	WUDZ-LD	From 28, 15kw/146m. (station is off since Oct. 18th)
Vincennes	31	WVUT	Moved from 22, 69.4kw/162m.
Iowa			
Rock Rapids	33	K33PV	From K43LX, 15kw/146m, 43-22-36/96-11-49 dismissed. Required tower registration not filed.
Jalisco			
Lagos de Moreno	18	XHCTAG-1	Canceled.
Kentucky			
Ashland	36	WKAS	Moved from 26, 63.2kw/156m.
Augusta	16	W16EB	Moved from W20CT.
Bowling Green	19	WCZU-LD	Requests STA for this channel, 7kw/181m. See ch. 39.
Bowling Green	20	WKUT-LD	Moved from 32, 5kw/146m, 37-51-15/86-06-03.
Bowling Green	24	WNKY	Moved from 16, 90kw/178m.
Bowling Green	29	WKGB-TV	Moved from 48, 32.4kw/248m.
Bowling Green	39	WCZU-LD	OFF Oct. 19 th pending move to ch. 19.
Covington	22	WCVN-TV	Moved from 24, 39.9kw/132m.
Elizabethtown	23	WKZT-TV	Moved from 43, 33.7kw/193m.
Lexington	27	WTVQ-DT	Moved from 40, 487kw/285m.
Lexington	28	WLEX-TV	Moved from 39, 379kw/286m.
Lexington	35	WKLE	Moved from 46, 35.8kw/268m.
Louisa	32	W32FD	Moved from W28DD, 120w/27m.
Louisville	14	WLKY	Moved from 26, 490kw/330m (aux); 710kw/392m (main).
Louisville	30	WKPC-TV	Moved from 17, 58kw/266m.
Louisville	36	WAVE	Moved from 47, 890kw/391m.
Owensboro	17	WKOH	Moved from 30, 37.3kw/142m.
Paducah	23	WKPD	Moved from 41, 90kw/159m.
Paducah	25	WDKA	Moved from 49.
Pikeville	23	WKPI-TV	Moved from 24, 45kw/428m.
Scottsville	20	WPBM-CD	Moved from 46, 7.78kw/147m.
Somerset	17	WKSO-TV	Moved from 14, 49.1kw/452m.
Louisiana			
Lafayette	27	K43MS	From 43, 1kw/112m, 30-19-35/91-16-36. Granted.
New Orleans	31	KNOV-CD	Requests STA 6.3kw/203m; to operate simultaneously on channels 31 and 41 pending retuning of receivers in 110 hotels. See WTHC-LD Atlanta. Granted.
New Orleans	32	WQDT-LD	Now operating on both channels. From 33, 15kw/109m, 29-54-39/90-11-46; CL from Lumberton, Miss.
Maine			
Biddeford	45	WMEA-TV	Requests STA 50kw/231m; interim pre-repack facility pending move to post-repack ch. 36. Granted.
Harpswell	14	W14DA	Requests digital conversion, 14.5kw/63m, 43-48-04/69-56-15.

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Massachusetts			
Adams	35	W38DL	Requests STA 750w/627m; interim facility pending permanent move to this channel. To use the upper half of the former WDCD-19 antenna. OFF ch. 38 Nov. 15 th , operating on 35 under this STA.
Boston	21	WSBK-TV	New aux on the air, 163kw/350m, 42-18-11/71-13-05
Boston	35	WHDH	Moved from 42, 1000kw/304m. Aux moved from 42, 900kw/234m.
Boston	38	WHDT-LD	OFF Sept. 30 th pending move to ch. 4.
Cambridge	35	WLVI	See sharing host WHDH Boston.
New Bedford	17	WLWC	See sharing host WPXQ-TV Newport, R.I.
New Bedford	24	WLNE-TV	Requests STA 200kw/302m; reduced-power post-repack operation pending antenna & transmission line work on shared antenna. Granted.
Winchendon	47	WVMA-CD	OFF Nov. 20 th pending move to ch. 22.
Michigan			
Battle Creek	23	WXMI-DRT	Moved from 17, 15kw/40m.
Cheboygan	16	WTOM-TV	From 35, 250kw/194m. Granted.
Detroit	35	WUDL-LD	Moved from 19, 10kw/163m.
Manistee	20	WCMW	Moved from 21, 68.3kw/134m.
Midland	17	WFFC-LD	Moved from 25, 10kw/101m, 43-23-33/83-55-27.
Traverse City	35	WPBN-TV	Moved from 47, 850kw/393m.
Vanderbilt	21	WFUP	Moved from 45, 100kw/325m; new aux on the air, 55.6kw/289m.
Michoacan			
Pátzcuaro	34	XHCTMO-1	New shadow for Morelia, 5kw/-132m, 19-32-44/101-36-48.
Minnesota			
Ashby	20	K20LR	Application for new station dismissed (Landover 2 LLC). KVRP Fargo objected. FCC ruled KVRP's objection invalid, but also found this station would interfere with K20AC Alexandria.
Duluth	26	K26KF	Returned to the air Nov. 3 rd .
Duluth	35	K35JN	Returned to the air Nov. 3 rd .
Duluth	36	NEW-186863	Application for new station dismissed (DTV America). Would interfere with K35JN; also, WLEF-TV Park Falls, Wis. objected.
Hewitt	18	K18KR	Permit granted for new station, 2kw/42m, 46-19-10/96-05-36 (Landover 2 LLC)
Mankato	7	KMNF-LD	New to the air, 3kw/295m, 43-56-12/94-24-39. Will carry NBC & CW; co-owned & co-sited with KEYC-TV.
St. James	18	K18NE	Moved from K41IZ, 600 watts/180m.
Mississippi			
Gulfport	25	WXXV-TV	From 48, 190kw/483m; granted & moved.
Lumberton	19	W19EB	Requests power increase to 15kw/99m, 30-33-00/88-33-24.
Lumberton	33	W32EM	From 32, 15kw/99m, 30-33-00/88-33-24.
Missouri			
Cape Girardeau	36	KBSI	Requests STA 238kw/379m; interim post-repack antenna pending delivery of permanent unit. Granted.
Columbia	17	KMIZ	Requests power increase to 120kw/352m. Granted & on the air.
Columbia	18	K18KK	Requests power increase to 15kw/352m, 38-46-32/92-33-25. (same antenna as KMIZ)
Columbia	22	KQFX-LD	Requests power reduction to 10kw/352m, 38-46-32/92-33-25 (same

Location	RF Ch	Callsign	Notes
Joplin	26	KCNH-LD	antenna as KMIZ) Granted.
St. Louis	3	STA-746079	From 47, 8.5kw/138m, 37-13-25/93-14-31. Requests STA 5 watts/22m, 38-37-40/90-12-07; analog facility broadcasting to attendees at Stifel Theatre between Jan. 22 nd and 26 th .
St. Louis	5	STA-746083	Requests STA 5 watts/22m, 38-37-40/90-12-07; analog facility broadcasting to attendees at Stifel Theatre between Jan. 22 nd and 26 th .

Montana

Bozeman	28	KWYB-LD	Requests power change to 6.5kw/206m, 45-38-20/111-15-48. Granted.
Great Falls	25	K25LM	Returned to the air Nov. 1 st .
Great Falls	35	K35KC	Returned to the air Nov. 1 st .
Kalispell	25	K25KZ	Returned to the air Nov. 1 st .

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La Peñita	28	XHTEN-1	380w/827m, 1-02-08/105-14-38
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Nevada

Fallon	34	K42JS	Moved from 42.
Lake Tahoe	19	K19MK	Moved from K49MD.
Las Vegas	33	KSNV	Requests STA 42kw/374m; temporary ATSC 3.0 station during the Consumer Electronics Show (CES) Jan. 7-10th. Doesn't affect KSNV's ATSC 1.0 signal which is broadcast on channel 22.
Las Vegas	33	KSNV-DRT	Requests STA 4kw/-12m, 36-07-58/115-08-54; in a parking area adjacent to the Las Vegas Convention Center. To relay KSNV's ATSC 3.0 tests.
Las Vegas	47	KGNG-LP	License canceled Nov. 11 th for analog station. Digital facility on ch. 26 remains in operation.
Lund	21	K21OK	Moved from K43NA, 4kw/312m, 39-14-59/115-00-02
Lund	23	K23ON	Moved from K45HS.
Lund	25	K47HV	Moved from 47.
Lund	29	K40MA	Moved from 40.
Round Mountain	18	K18MU	License canceled Nov. 18 th .
Round Mountain	25	K25KR	License canceled Nov. 18 th .
Round Mountain	27	K27JZ	License canceled Nov. 18 th .
Round Mountain	29	K29IS	License canceled Nov. 18 th .
Round Mountain	31	K31KI	License canceled Nov. 18 th .
Round Mountain	33	K33PY	License canceled Nov. 18 th .
Ruth	15	K43IL	Moved from 43.
Ruth	17	K41MB	Moved from 41.
Ruth	19	K39LE	Moved from 39.
Ruth	21	K44KP	Moved from 44.
Valmy	20	K20OD	Moved from K39IR.
Valmy	27	K27OM	Moved from K40LI.
Verdi	36	K36OB	Requests power increase to 1.2kw/805m, 39-35-14/119-55-57. Granted.
Winnemucca	30	NEW-186758	Application for new station dismissed (Landover 2 LLC). Would interfere with K30PX.

New Hampshire

Littleton	23	WLED-TV	From 48, 48kw/372m; granted. Granted power increase to 65.4kw/382m.
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<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
New Mexico			
Albuquerque	36	KASY-TV	Requests STA 41kw/1278m; to operate at reduced power due to feedling problems.
Clovis	16	K16EX	Returned to the air Oct. 29 th after antenna repairs.
Farmington	21	K46KV	Granted STA for this channel, 50 watts/77m. Has available low-power equipment for immediate installation. Returned to the air under this STA Oct. 30 th .
Farmington	32	K32JT	Returned to the air Oct. 30 th .
Grants	9	K09EP	Request for digital conversion, 9 watts/41m, 35-07-09/107-54-05 dismissed; tower within the glide slope of the Grants-Milan Municipal Airport.
Santa Fe	29	KWBQ	Operating at approximately 20% power since Oct. 14th due to failure of feedline shared with KASY-TV.
Taos	43	K43IA	OFF Oct. 20 th . Must rebuild due to "rodent infestation".
New York			
Binghamton	27	WIVT	Moved from 34, 298kw/275m.
Corning	30	WYDC	Moved from 48, 55kw/311m.
Garden City	32	WLIW	New aux on the air, 250kw/110m, 40-47-19/73-27-04. Same site as old main.
Ithaca	34	W34FR	From W07BJ, 15kw/87m, 42-25-12/76-25-49; granted.
Monticello	31	W25DY	From 25, 14.7kw/497m, 41-41-06/74-21-22.
New York	3	WNWT-LD	See sharing host WJLP Middletown Township, N.J.
New York	11	WPIX	Application for new aux, 13.2kw/301m, 40-44-54/73-59-09.
North Pole	14	WPTZ	OFF Nov. 19th, antenna fire. See WCAX-TV Burlington, Vt. with which WPTZ shares an antenna.
Olean	11	WVTT-CD	From 34, 3kw/230m, 42-43-07/78-33-46 (WGRZ-2 tower, South Wales)
Rochester	22	WXXI-TV	Application for new auxiliary backup transmitter, 195kw/133m.
Syracuse	19	WSTM-TV	From 24, 125kw/307m withdrawn. Built previously-authorized 210kw/410m instead. Moved.
North Carolina			
Canton	10	W10DF	Moved from W11AU, 130 watts/473m, 35-34-05/82-54-25.
Canton	23	W23EY	Moved from W08AO, 5kw/464m.
Charlotte	24	WCNC-TV	Moved from 22, 857kw/592m.
Edenton	20	WUND-TV	New aux on the air, 793kw/288m.
Fayetteville	15	WNCB-LD	OFF Nov. 21 st pending move to ch. 29.
Fayetteville	22	WIRP-LD	OFF Nov. 1 st pending construction of permanent facility.
Greenville	20	NEW-184528	Application for new LPTV, 5kw/138m, 35-08-05/77-03-47 dismissed. Would interfere with WUND-TV Eden.
Hendersonville	15	W15EJ	Moved from W31AZ, 15kw/336m, 34-56-26/82-24-40.
Lumberton	19	W19EV	From W50EQ, 15kw/79m, 35-20-31/79-06-23; granted.
Smithfield	23	WARZ-CD	Returned to the air Oct. 25 th .
Tryon	16	W16DZ	Moved from W19CR, 165 watts/562m.
North Dakota			
Casselton	20	K20OR	Permit granted for new station, 1.75kw/44m, 46-54-23/97-16-59 (Landover 2 LLC)
Nuevo Leon			
Montemorelos	22	XHCTMY-1	Granted new shadow for Monterrey, 10kw/24m, 25-11-27/99-52-05.
Sabinas Hidalgo	36	XHCTSH-	10kw/-87m, 26-28-58/100-11-28

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Ohio			
Canton	34	WIVM-LD	From 11, 4.5kw/117m; granted.
Cincinnati	17	WCET	Moved from 34, 274kw/325m.
Cincinnati	20	WLWT	Moved from 35, 880kw/309m.
Cincinnati	26	WCPO-TV	Moved from 22, 1000kw/297m.
Cincinnati	28	WBQC-LD	Moved from 47, 15kw/255m.
Cleveland	16	WRAP-LD	From 32, 15kw/254m, 41-22-58/81-42-06; granted.
Cleveland	19	WKYC	Moved from 17, 1000kw/307m.
Columbus	16	WOSU-TV	From 38, 675kw/332m.
Columbus	27	WTTE	Requests STA 500kw/271m; to operate post-repack facility at 50% power pending repair of failed transmission line. Granted.
Columbus	28	WSYX	Moved form 48, 677kw/286m.
Dayton	31	WDTN	Granted STA 1000kw/275m; interim post-repack antenna pending installation of permanent antenna.
Dayton	33	WHIO-TV	Moved from 41, 854kw/348m. But see ch. 35.
Dayton	35	WHIO-TV	Requests STA for this channel, 250kw/345m, 39-43-16/84-15-00; to temporarily share on the WPTD transmitter pending repairs to transmission line. See text. Granted.
Casselton	20	K20OR	Permit granted for new station, 1.75kw/44m, 46-54-23/97-16-59 (Landover 2 LLC)
Dayton	35	WPTD	Moved from 16, 250kw/345m.
Delaware	25	WXCB-CD	Moved from 45, 15kw/100m.
Leipisic	27	WPNM-LP	Moved from 18, 15kw/135m, 41-08-12/83-54-24.
Mansfield	18	W43CZ	Moved from 43, 15kw/120m.
Maplewood	32	W32DS	OFF Oct. 14 th pending move to W25FI. Mechanical problem installing ch. 25 antenna.
Sandusky	42	WGGN-TV	OFF Oct. 18th pending move to ch. 3.
Springfield	31	WBDT	See sharing host WDTN Dayton.
Youngstown	13	W13DP	From W44CR, 270 watts/187m; granted & moved. Request for same facilities under STA dismissed as unnecessary.
Oklahoma			
Ardmore	19	K19II	Returned to the air Nov. 15 th .
Ardmore	22	K22JQ	Returned to the air Nov. 15 th .
Ardmore	24	K24IW	Returned to the air Nov. 15 th , presumably on ch. 20 under STA.
Enid	32	K19IR	Granted STA 100 watts/53m, 36-32-09/98-03-35. Has available low-powered equipment for immediate installation. Returned to the air Nov. 15 th , presumably under this STA.
Tulsa	34	KMYT-TV	Requests STA 875kw/381m, 35-58-08/95-36-56. Interim post-repack site pending repairs to main post-repack facility. Same site used for interim post-repack facility during construction of main. Granted.
Oregon			
Bend	31	K31NO	Requests STA 8.26kw/190m; interim reduced-power post-repack facility pending delivery of permanent transmitter.
Eugene	11	K11GT	Power increased to 3kw/270m.
Eugene	15	KORY-CD	OFF Oct. 30 th pending construction of permanent facility.
Klamath Falls	31	K31NH	Returned to the air Oct. 1 st .
Portland	20	KOXI-CD	OFF Oct. 24 th pending construction of permanent facility.
Portland	25	KOIN	Requests STA to operate at half power (500kw) pending resolution of problems with "elbows" in transmission lines. Granted.
Portland	32	KNMT	Granted STA 235kw/367m; interim facility pending repairs to

<i>Location</i>	<i>RF Ch</i>	<i>Callsign</i>	<i>Notes</i>
Portland Salem	34 33	KUNP-LD KRCW-TV	permanent system. From 47, 15kw/486m. Requests STA 42.3kw/488m, 45-31-13/122-44-41; interim operation from alternate tower while KOIN & KATU (which share its tower) complete repack work. Granted. Application to “permanetize” this STA as an auxiliary backup transmitter.
Warrenton	22	KHPN-LD	Granted STA 1kw/-27m, 46-05-52/123-47-48. Has available low-powered equipment for immediate installation.
Pennsylvania			
Brookville	34	W34FL	Moved from W45BT, 3kw/113m; correct coordinates to 41-03-52/78-34-11 & antenna height to 221m.
Erie	24	W24EU	From W45EC, 15kw/275m, 42-03-52/80-00-18; granted.
Pittsburgh	10	WIIC-LD	From 31, 3kw/145m; amendment from ch. 8.
Pittsburgh	22	WTAE-DRT	Power increased to 15kw/176m.
Pittsburgh	30	WBPA-LP	OFF Oct. 15 th , displaced.
State College	26	W42DG	Moved from 42.
Puerto Rico			
Aguadilla	12	WOLE-DT	Requests power increase to 44kw/628m; amendment from 606m. Granted.
Ceiba	32	WIVE-LP	Requests STA 2kw/906m, 18-16-43/65-40-12; interim facility pending completion of permanent post-repack facility.
Mayaguez	10	W10BG	OFF Oct. 14 th pending transmitter repairs.
Quintana Roo			
Chetumal	20	XHTMCH-	80kw/69m, 18-31-23/88-16-38.
Playa del Carmen	21	XHCCN-1	Canceled
Playa del Carmen	27	XHQRO-1	Canceled.
Rhode Island			
Newport	17	WPXQ-TV	Operating at approximately 60% power since Oct. 26th due to equipment failure. Returned to full power Nov. 7th.
Providence	17	WRIW-CD	See sharing host WPXQ-TV Newport.
Providence	25	WJAR	Moved from 50, 1000kw/302m.
San Luis Potosi			
Rioverde	26	XHCTRV-	4kw/20m, 21-55-53/100-00-41
Sinaloa			
Cosalá	33	XHCTCI-1	New shadow for Culiacán, 2kw/-8m, 24-24-53/106-42-16.
Guamúchil	33	XHCTLM-1	New shadow for Los Mochis, 4kw/2m, 25-28-36/108-05-09.
South Carolina			
Allendale	21	WEBA-TV	Requests power increase to 405kw/240m. Amended to 278kw. Granted.
Charleston	27	WBSE-LD	From 20, 15kw/106m, 32-49-14/79-56-56.
Columbia	33	WRLK-TV	From 32, 281kw/317m; amendment from 287kw. Granted.
Florence	16	WJPM-TV	From 45, 67kw/242m; amendment from 70kw. Granted.
Greenwood	26	WNEH	Requests power increase to 176kw/234m. Amended to 147kw. Granted.
Myrtle Beach	26	W26DT	Requests power increase to 7.5kw/92m, 33-35-28/79-02-54. Dismissed. See ch. 31.

Location	RF Ch	Callsign	Notes
Myrtle Beach	31	W26DT	Returned to the air Nov. 8 th , not sure which channel. From 26, 7.5kw/92m, 33-35-28/79-02-54. See ch. 26.
Tamaulipas			
Matamoros	22	XHCTRM-2	New shadow for Reynosa, 30kw/28m, 25-52-32/97-29-56.
Tennessee			
Chattanooga	19	WOOT-LD	From 38, 15kw/280m, 35-12-26/85-16-52.
Crossville	31	WBXX-TV	Moved from 20, 415kw/699m (aux).
Lebanon	25	WJFB	Requests STA 10.3kw/161m; post-repack mask filter damaged & must be replaced. Requests another STA for 31.7kw/161m; apparent burn damage to post-repack antenna. Granted.
Nashville	20	WZTV	Requests STA 68.43kw/320m; interim post-repack facility pending completion of permanent facility. Granted.
Nashville	36	WTVF	Moved from 25, 1000kw/431m.
Texas			
Abilene	10	K10QL	Returned to the air Oct. 29 th .
Austin	20	K34FM	See sharing host KADF-LD.
Austin	20	KADF-LD	Requests sharing with K34FM.
Britton	27	KODF-LD	OFF Oct. 8 th pending move to ch. 3.
Canton	6	STA	Application for experimental station, 250 watts/23m, 32-33-19/95-52-23. A church wishes to try simultaneously transmitting ATSC 3.0 and analog FM audio on the same channel. See text.
Clarendon	33	K51CB	Moved from 51.
Forbes	20	K20NY	Canceled Oct. 29 th .
Forbes	27	K27JJ	Canceled Oct. 29 th .
Houston	9	KBMN-LD	Moved from 40, 3kw/101m, 29-48-06/95-14-04.
La Feria	23	KCWT-CD	Power changed to 15kw/268m, 26-05-19/98-03-45.
Lubbock	19	KLBB-LD	Moved from 48, 15kw/312m, 33-03-08/101-52-21. Requests STA to operate at half power due to transmitter malfunction.
San Antonio	10	KSAA-LP	From 28, 2.5kw/21m; granted.
San Antonio	33	KSSJ-LD	Requests STA for this channel, 5w/115m, 29-26-30/98-30-23 pending arrival of permanent antenna.
Tyler	35	KPKN-LD	Requests site change to 32-27-16/95-07-50 ; 15kw/154m.
Victoria	34	KVTX-LP	Requests STA 15kw/141m; interim (lower) post-repack antenna pending replacement of transmission line.
U.S. Virgin Islands			
<i>St. Thomas</i>	<i>29</i>	<i>W29CB</i>	<i>Granted STA for 100 watts; temporary reduced-power facility with antenna on pole attached to building. Lingering hurricane damage.</i>
Utah			
Beaver	7	K50KB	Moved from 50, 800w/295m
Beaver	9	K51JV	Moved from 51, 500w/301m
Beaver	11	K44HT	Moved from 44, 500w/295m
Beaver	13	K38GF	Moved from 38, 170w/294m
Beaver	30	K48KR	Moved from 48, 200w/296m
Beaver	31	K47KU	Moved from 47, 200w/293m
Beaver	32	K46IB	Moved from 46, 200w/295m
Beaver	35	K43ME	Moved from 43, 200w/294m
Beryl	30	K48LT	Moved from 48, 100w/144m, 37-42-14/113-44-32
Beryl	35	K46KM	Moved from 46, 100w/144m, 37-42-14/113-44-32

Location	RF Ch	Callsign	Notes
Cedar Canyon	4	K12PN	Moved from 12.
Cedar City	16	K47IS	Moved from 47, 320w/380m
Cedar City	17	K35HG	Moved from 35, 320w/386m
Cedar City	18	K41GE	Moved from 41
Cedar City	19	K19LU	Moved from K39FQ, 320w/386m
Cedar City	20	K45HD	Moved from 45, 320w/385m
Delta	27	K48KS	Moved from 48, 150w/4m
Delta	32	K47HM	Moved from 47, 750w/7m
Fillmore	30	K44EA	Moved from 44, 150w/94m
Kanarraville	28	K44KS	Moved from 44, 40w/-93m
Kanarraville	29	K47HU	Moved from 47
Kanarraville	35	K49GA	Moved from 49
Logan	26	KCVB-CD	Power increase request to 15kw/661m, 41-47-03/112-13-58 dismissed; would interfere with KUCL-LD Salt Lake City & K271N Malad City, Idaho.
Parowan	25	K49HC	Moved from 49
St. George	15	K40KZ	Requests STA for this channel, 100 watts/71m. Has available low-power equipment for immediate installation. Granted. Returned to the air under STA Oct. 30 th .
St. George	17	K17JQ	Returned to the air Oct. 30 th .
St. George	19	K19LV	Power increased to 700w/75m
Salt Lake City	15	KBTU-LD	From 23; granted, 15kw/1131m.
Wendover	31	K27KM	Requests STA for this channel, 100 watts/153m. Has available low-power equipment for immediate installation. Returned to the air under STA Oct. 31 st .
Veracruz			
Alvarado	25	XHCTVE-1	New shadow for Veracruz, 3kw/386m, 18-46-54/95-46-56.
Vermont			
Burlington	20	WCAX-TV	Moved from 22, 423kw/845m. However, an antenna fire took WCAX off the air on November 19th. WPTZ (North Pole, N.Y.) shares the WCAX antenna and is also off, as is WNNE Montpelier which shares the WPTZ transmitter.
Montpelier	20	WNNE	See sharing host WPTZ North Pole, N.Y. – or WCAX-TV above, which shares an antenna with WPTZ.
Virginia			
Hampton	16	WHRO-TV	Requests STA 830kw/294m; interim pre-repack antenna pending installation of permanent antenna. Granted.
Woodstock	26	WAZT-CD	From 20, 15kw/151m, 38-56-24/77-04-53.
Washington			
Bellevue	24	KUNS-TV	Requests STA 504.4kw/222m. Moved from 50, 625kw/237m.
Bellingham	14	KVOS-TV	New aux on the air, 370kw/781m.
Centralia	17	K17NX	Moved from K42CM.
Maltby	35	K35PB	From K45NA, 15kw/201m, 47-37-59/122-21-24; amendment to change site & tower height.
North Bend	15	K15MI	Moved from K25CH.
Seattle	22	KCPQ-DRT	Requests power reduction to 7.5kw/271m.
Seattle	23	KIRO-TV	Moved from 39, 715kw/257m.
Seattle	30	KOMO-TV	From 38, 915kw/259m; granted.
Seattle	36	KZJO	Requests STA 115kw/226m; interim post-repack facility pending completion of permanent facility. Granted.

Location	RF Ch	Callsign	Notes
Seattle	46	KUSE-LD	OFF Oct. 19 th pending move to ch. 12.
Tacoma	21	KTBW-TV	Moved from 14, 107kw/473m.
Walla Walla	14	K14HT	Requests conversion to digital, 3kw/189m, 45-49-55/118-15-41. Granted.
Yakima	31	KGfZ-LD	Converted from analog ch. 49, 13.7kw/214m.
West Virginia			
Bluefield	17	WVVA	Moved from 46, 545kw/370m.
Bluefield	25	WLFB	Returned to the air Oct. 21st on this channel.
Charleston	24	WVAH-TV	Moved from 19, 533kw/514m.
Charleston	27	W27EF	From W16CE, 4kw/68m; granted.
Huntington	26	W26EW	From W30DG, 15kw/171m; granted.
Parkersburg	14	W16CV	Requests STA for this channel, 100w/21m, 39-21-00/81-33-55; has available low-powered equipment for immediate installation. Granted.
Parkersburg	21	W24DS	Granted STA 100 watts/12m, 39-23-04/81-26-44. Has available low-powered equipment for immediate installation.
Williamson	27	WHJC-LP	Returned to the air Oct. 7 th .
Wisconsin			
Janesville	21	WIFS	Granted STA 13.1kw/454m. Mask filter failed during testing; permanent antenna not installed on time. Temporarily using old WHA-TV analog antenna.
Kenosha	30	WPXE-TV	Moved from 40, 800kw/316m.
Madison	20	WHA-TV	Granted power reduction to 200kw/454m.
Mayville	34	WWRS-TV	Moved from 43, 504kw/186m.
Milwaukee	26	WTSJ-LP	From 38, 10kw/191m, 43-05-46/87-54-15; granted.
Milwaukee	27	WVTV	Requests STA 745kw/302m; interim post-repack facility pending installation of permanent equipment. Requests another STA 92.48kw/284m for the same reason. Not sure which one controls. Granted latter STA.
Milwaukee	28	WISN-TV	Moved from 34, 1000kw/264m (aux). Main transmitter also moved from 34, 1000kw/305m.
Milwaukee	29	WDJT-TV	Moved from 46, 122.5kw/310m (aux).
Milwaukee	31	WITI	Moved from 33, 1000kw/316m.
Milwaukee	31	WVCY-TV	See sharing host WITI.
Milwaukee	32	WTMJ-TV	Moved from 28, 1000kw/305m.
Milwaukee	38	WTSJ-LP	OFF Oct. 26 th pending move to ch. 26.
Racine	17	WMLW-TV	Moved from 24, 15kw/310m.
Sister Bay	17	W15DJ	Power increased to 9.36kw/204m.
Wyoming			
Clarks Fork	26	K26PH	Application for new Digital Companion Channel for K11QL, 200w/-304m, 44-53-37/109-38-29. Granted.
Sunlight Basin	29	K29IG	Requests site change to 44-45-14/109-22-30. Granted.
Zacatecas			
Melchor Ocampo	22	XHPAC-1	850w/26m, 24-49-49/101-38-30

Thanks to Raymie Humbert for information in this month's column.

TV News Continues on page 39

FM NEWS - December'r'r 2019

FM Call Letter and Programming Changes
 Editor: Bill Hale fmnews@wtfda.org

Visit db.wtfda.org to stay up-to-date

Last month we asked for help with the format/slogan for **WYLJ 107.5 Terre Haute, Indiana**. Stepping up with that news, plus several updates to the FM Database is **Andy Bolin**, whose comments appear in **BLUE** in this month's column. **Thanks, ANDY!!**

This month we need help to fill in the formats and slogans for the these stations:
WWKM 93.1 Rochelle, Georgia KWTN 100.9 Allen, Nebraska KWRZ 92.3 Canyonville, OR

AL Fort Payne 93.9 W230CX
 [Is Silent as is // WFPA-1400]
 AL Jackson 97.9 WJLQ-LP
 [License cancelled; calls deleted]
 AL Opp 102.3 WAMI-FM
 Variety: 'Opp's Community Radio Station'
 AL Stevenson 101.7 WMXN-FM
 Contemporary Hit Radio: '101-7 The Torch'
 AL Waverly 100.3 WAUE
 Adult Contemporary: 'AU100'
 AL York 100.9 W265BO
 Classic Hits: '100.9 Alex-FM' // WSLY 104.9 HD4



AB Bonnyville 101.3 CJEG-FM
 Contemporary Hit Radio: 'HOT 101.3'
 AB Cochrane 91.5 CKXY-FM
 New station signs on with Country
 AB Hobbema 88.7 VF2585
 [Deleted from ISEDC Database]
 AB Wainwright 93.7 CKWY-FM
 Contemporary Hit Radio: 'HOT 93.7'
 AZ Yuma 92.5 KYVD-LP
 New station signs on with Oldies/Classic Hits
 BC Campbell River 100.7 CKCC-FM
 New station signs on with Country (Aboriginal) : 'Raven FM'
 BC Courtenay 98.9 CFCP-FM
 Rock: 'Jet FM'



CA Healdsburg 96.7 KNOB
 Returns to the air with Adult Hits: '96.7 Bob FM'
 CA Livingston 95.9 KSKD
 [Is Silent]
 CA Malibu Vista 92.7 KYRA-FM1
 [License cancelled; calls deleted]
 CA Palmdale 107.9 K300DX
 [Move from 100.7 as K264BQ]
 CA Santa Cruz 89.3 KBCD
 [Call change from KZJV]
 CA Santa Cruz 101.9 KPCR-LP
 [changes calls from KYTH-LP]
 CA Santa Cruz 101.9 KPCR-LP
 [Call change from KYTH-LP; remains silent]
 CA Santa Rosa 91.1 KRCB-FM
 Returns to the air with News/Talk (National Public Radio)
 CA Stanford 90.1 KZSU
 News/Talk/Classical: 'Your Public Radio Station' (NPR)
 CA Tulare 91.9 KPSV-FM
 [Is Silent]



O Fort Collins 104.5 K283CN
 Classic Hip-Hop: 'KJMP-870'
 CO Nunn 96.9 KYAP
 Country: 'K 96.9 Colorado's Throwback Country' [no longer // KJMP-870]
 CO Monte Vista 101.3 K267BQ
 Classic Country: 'Classic Hit Country' // KBGV-1240
 CO Security 105.5 KRDO-FM
 News/Talk: 'Where the News Comes First' (is // KRDO-1240)

DE Milford 102.1 W271CX
 Classic Hits: 'Cool 102.1' // WNCL-930



FL Horseshoe Beach 94.7 WRBD
 [License cancelled; calls deleted for this never-built station]
 FL Milton 99.1 W256DL
 Sports: 'ESPN Pensacola 99.1' // WEBY-1330
 FL St. Petersburg 100.1 WUBP-LP
 Returns to the air with Variety
 FL Winter Haven 97.5 WPCV
 Country: 'Your Hometown Country Station'



GA Americus 88.7 WKMW
 Contemporary Christian: 'K-Love'; call change from WFRP
 GA Cochran 96.7 W244CL
 Classic Country: 'Classic Country: '96 Country' // WDXQ-1440
 GA Columbus 90.5 WKCC
 Contemporary Christian: 'K-Love'; call change from WFRP
 GA Commerce 95.1 W236DU
 Returns to the air with Talk/Sports: 'Classic Hometown Radio' // WJJC-1270
 GA Hawkinsville 96.1 W241CO
 Classic Rock: 'Highway 96' // WCEH-610
 GA Marietta 101.5 WKHX-FM
 Country: 'New Country 101 Five'



GA Metter 105.9 W290DI
 Sports: 'Better Metter' // WHCG-1360

VHF-UHF Digest

GA Pinehurst 98.3 WCEH-FM
 Sports: 'Middle Georgia's ESPN'

HI Kualapuu 103.1 KJHF
 [Call change from KFNZ; new station not yet on the air]

HI Lihue 104.5 K283CQ
 Country: 'Kauai's Country AM 570 and 104.5 FM' // KUAI-570



ID Fairfield 99.9 KXCD
 Returns to the air with Hot AC: 'Hot 100'
 ID Hailey 105.5 KLCW-LP
 [License cancelled; calls deleted]



IL Casey 91.5 WLHW and
 IL Casey 94.7 W234CK and
 IL Greenup 107.9 W300DD

["I would consider silent. They've been on the air for a total of, perhaps, a week since April. W300DD is still on the air with white noise."]

IL Champaign 96.9 W245DP
 Classic Rock: 'Extra 96.9' // WIXY 100.3 HD2
 IL Fairbury 107.7 WIBL
 Country: '107.7 & 92.1 The Bull' [includes W221CY 92.1 Normal]
 IL Lynnville 107.1 WEAI
 Classic Rock: '107.1 The Eagle'
 IL Princeton 88.3 WUNT
 Contemporary Christian: '88.3 The Roadmap'



IL Springfield 88.3 WQNA
 [Is silent; being sold to Covenant Network]

IN Boonville 99.9 W260CX
 Classic Country: 'Your Hometown Radio Station' // WBNL-1540



IN Evansville 91.5 WUEV
 Contemporary Christian: 'Way FM'
 IN Greenfield 88.1 WNAP-FM2
 [Call change from WNPP-FM2]
 IN Morristown 88.1 WNAP-FM
 [Call change from WNPP]
 IN Rochester 92.1 WROI
 Hot AC: 'Giant FM'
 IN Terre Haute 107.5 WYLJ
 Religion: '3ABN'
 IN Warsaw 107.3 WRSW-FM
 Classic Hits: '107-3 WRSW Classic Hits'



IA Muscatine 93.1 KMCS
 Rock: 'Vintage Sound 93.1'
 IA Muscatine 95.1 K236CF
 News/Talk/Country: 'Voice Of Muscatine' // KWPC-860
 KS La Harpe 91.9 KTRU
 Returns to the air with Religious Teaching: 'EWTN' (includes K254BF Chanute)
 KS Leoti 99.9 KWKR
 Rock: 'The Rock 99.9'
 KS Wichita 101.3 KFDI-FM
 Country: 'Country 101.3 KFDI-FM'



KY Covington 92.1 WCNX-LP
 Classic Rock: 'Class X Radio'
 KY Crittenden 89.1 WKCX
 Classic Rock: 'Class X Radio'



KY Elizabethtown 106.1 W291CU
 Sports: 'ESPN 106.1' // WIEL-1400
 KY Erlanger 95.5 WCXE-LP
 Classic Rock: 'Class X Radio'
 KY Lebanon Junction 99.3 WKMO
 Country: 'Country 99.3'
 LA Wilson 90.9 WJVI
 [License cancelled; calls deleted]
 ME Portland 101.5 W268CS
 Classic Country: 'The Outlaw' // WZAN-970



MD Chestertown 98.3 W252BR and
 MD Chestertown 106.9 W295CJ and
 MD Wye Mills 96.1 W241AO
 Classic Hits: '106.9 WCTR' // WCTR-1590



MA Boston 91.9 WUMB-FM
 Variety: 'Music Mix'
 MA Falmouth 91.9 WFPB-FM
 Variety: 'Music Mix' (WUMB network)
 MA Gloucester 91.5 WUMZ
 Variety: 'Music Mix' (WUMB network)
 MA Marshfield 91.7 WUMT
 Variety: 'Music Mix' (WUMB network)
 MA Newburyport 91.7 WNEF
 Variety: 'Music Mix' (WUMB network)
 MA Stow 91.7 WUMG
 Variety: 'Music Mix' (WUMB network)
 MA Worcester 91.9 WBPR
 Variety: 'Music Mix' (WUMB network)
 MI Laconia 103.3 W277DJ
 News/Talk: 'NewsTalk 103.3' // WEZS-1350
 MI Mackinaw City 94.5 WYPV
 Adult Contemporary: 'North-FM' [// WWMN 106.3]

MI Thompsonville 106.3 WWMN
 Adult Contemporary: 'North-FM' [// WYPV
 94.5]



MN Fergus Falls 96.5 KJJK-FM
 Country: 'Today's Best Country KJ Country
 96.5'

MN Fergus Falls 97.7 K253BK
 Contemporary Hit Radio: 'Hit Music Channel
 97.7' // KJJK-1020

MN Fergus Falls 103.3 KZCR
 Classic Rock: 'Classic Rock: 'Real Rock
 Z103'



MN Hibbing 93.9 WTBX
 Hot AC: '93.9 WTBX-FM'

MN La Crescent 102.7 KQEG
 Classic Hits: 'Me TV FM 102.7'

MN Red Lake 105.3 WIZI
 [Calls assigned to new station]

MN Saint Paul 99.1 WVIC-LP
 Returns to the air with Variety: 'Park Public
 Radio'

MN Willmar 105.7 K289CO
 News/Talk: 'FOX News Radio' // KDJS-1590

MS Biloxi 106.3 W292GD
 [Move from 103.5 as W278CE]

MS Meridian 93.1 W226BI
 Southern Gospel: 'Good News Gospel
 Radio' // WMER-1390

MS Meridian 100.9 W265BO
 Classic Rock: '100.9 Alex-FM' // WSLY
 104.9 HD4

MS Pearl 103.3 WJNT-FM1
 [License cancelled; calls deleted]



MO St. Louis 95.1 K236CS
 Religious Teaching: 'Relevant Radio' //
 KSDZ-1260

MO St. Louis 105.3 K287BY
 Religious Teaching: 'Relevant Radio' //
 KXFN-1380

MO Versailles 95.1 KTKS
 Country: 'The Lake's Country KS 95.1'



MT Big Sky 104.7 KBZM
 Classic Rock/Classic Hits: 'The Eagle'

MT Big Sky 105.5 K288ES
 [License cancelled; calls deleted]

MT Four Corners 106.9 KSCY
 Country: 'K-SKY' [includes K286CY 105.1]

MT Livingston 95.9 K240CO
 [License cancelled; calls deleted]

MT Livingston 100.9 K265AS
 [License cancelled; calls deleted]

MT Manhattan 105.7 KKQX
 Classic Rock/Classic Hits: 'The Eagle'

MT Missoula 92.3 K222DB
 Sports: 'Fox Sports Radio 1450 & 92.7' //
 KYLT-1340

MT Missoula 92.7 K224AA and

MT Missoula 100.5 K263BW
 Sports: 'FOX Sports Radio 1450 & 92.7' //
 KGRZ-1450

MT Shepherd 88.5 K203EP
 [License Cancelled; calls deleted]

NE Blair 94.7 KYTF-LP
 Returns to the air with Contemporary
 Christian

NE Mitchell 99.3 KETT
 [Silent while station is being sold]

NV Las Vegas 103.1 KQLS-LP
 [License cancelled; calls deleted]

NH Laconia 103.3 W277EJ
 News/Talk: 'NewsTalk 103.3' // WEZS-1250
 NH Milford 88.7 WUMV
 Variety: 'Music Mix' (WUMB network)
 NH Swanzey 96.5 WEEY
 Sports: '93.5 Sports Radio'
 NH Walpole 96.3 WFX
 Oldies: 'Kool FM 106.7
 FM, 96.3 FM, 106.5 FM'
 [includes W293AB
 106.5 Keene and
 W294AB 106.7 Hanover]



NJ Maplewood 95.9 WZYE-LP
 [Is silent]



NM Albuquerque 93.3 KOBQ
 Contemporary Hit Radio: '93.3 The Q'; call
 change from KKOB-FM

NY Buffalo 89.9 WBKV
 Contemporary Christian: 'K-Love'; call
 change from WFBF

NY Canandaigua 95.5 W238DG
 Classic Country: 'WOKR 1310 AM and 95.9
 FM' // WOKR-1590

NY Kingston 91.7 WKGW
 Contemporary Christian: 'Air1'; call change
 from WFRH

NY New Paltz 93.3 WBWZ
 Classic Rock: 'Z 93'

NY Penn Yan 93.9 W230CZ
 Classic Hits: 'WYLF 850 AM and 93.9 FM' //
 WYLF-850



NC Asheville 88.1 WCQS
 Classical/News/Talk: 'Blue Ridge Public
 Radio - BPR Classic' [includes their 13
 translators throughout Western North
 Carolina]

NC Charlotte 94.7 W234BY
 Sports: 'FOX Sports Charlotte 1660 AM,
 94.7 FM and 103.7 HD' // WBCN-1660

NC Dillsboro 95.3 WWOO
 New station signs on with Classic Rock:
 'Power 90 Dot 5' [90.5 refers to WWCU
 Cullowhee]



NC Franklin 91.3 WFQS
 Classical/News/Talk: 'Blue Ridge Public
 Radio - BPR Classic' [includes W234AS
 Bryson City and W277CU Highlands]

NC Mars Hill 90.5 WYQS
 Classical/News/Talk: 'Blue Ridge Public
 Radio - BPR News'

NC Murphy 88.5 WMQS
 Classical/News/Talk: 'Blue Ridge Public
 Radio - BPR Classic'

NC Murfreesboro 98.3 WDLZ
 Adult Hits: '98.3 Earl'

NC Murfreesboro 105.9 W290DE
 News/Talk: 'News Talk' // WWDR-1080

NC Swanquarter 88.5 WHYC
 Returns to the air with Variety

NC Weldon 97.1 W246DQ
 News/Talk: 'News Talk' // WSMY-1400



OH Cincinnati 105.5 WCXX-LP
 Classic Rock: 'Class X Radio'

OH Lancaster 90.9 WFCO
 Christian: '89.3 The River' // WZNP 89.3

OH Mansfield 106.1 WVNO-FM
 Adult Contemporary: 'Mix 106'

OH Miamitown 88.9 WMWX
 Classic Rock: 'Class X Radio'

OH Toledo 100.7 W264AK
 Rock: '100.7 The Zone' // WQQO 105.5 HD2

OH Waynesville 89.1 WYNS
 Classic Rock: 'Class X Radio'

OH Youngstown 107.5 W298CZ
 Religious Teaching: 'Relevant Radio' //
 WHKZ-1440





- OK Ardmore 107.5 K298CR
Sports: '107.5 FM & 1240 AM The Sports Animal' // KVSQ-1240
- OK Bartlesville 93.3 K227CQ **and**
- OK Pawhuska 95.1 K236CT
Talk: 'KWON AM 1400 & FM 93.3' // KWON-1400
- OK Bartlesville 99.1 K256CP
Sports: 'The Sports Animal 1500 AM & 99.1 FM' // KPGM-1500
- OK Bartlesville 100.1 KYFM
Adult Contemporary: 'Bright Star 100.1'
- OK Lawton 107.9 KSLW-LP
[License cancelled; calls deleted]
- OK Madill 98.7 K254DQ
Returns to the air, as does // KMAD-1550
- OK Nowata 104.9 KRIG-FM
Classic Country: 'K-Rig 104.9'

- PA Altoona 96.9 W245CZ **and**
- PA Tyrone 100.7 W264BZ
Easy Listening: 'Easy Listening 1340, 96.9 and 100.7' // WTRN-1340
- PA Lewistown 100.3 W262DO
Classic Hits: 'Gold Hits WKVA 920 AM and 100.3 FM' // WKVA-920
- PA Plymouth 107.3 WHMN-LP
Returns to the air with Religious Teaching: 'Radio 74 Internationale'
- PA Smethport 106.3 WXMT
Classic Hits: '106.3 XMT; includes WXMT-FM1 Bradford
- PA Stroudsburg 103.1 W276DG
Sports: 'ESPN 840 AM' // WVPO-840
- PA Washington 91.7 WNJR
Returns to the air with Variety: 'WNJR 91.7'



-
- ON Hudson 97.5 CKDR-FM-3
Adult Contemporary: 'Today's Hit's, Yesterday's Favorites'; moves from 1450
 - OR Keizer 97.5 K248DN
News/Talk: '1430 AM KYKN' // KYKN-1430
 - OR Salem 91.1 KSQI-LP
[Is Silent]
 - OR Stanfield 96.1 KLKY
Classic Hits: 'U-Rock'



-
- PR Fajardo 106.5 W293DU
Spanish News-Talk/Tropical: 'El 1480 AM' // WMDD-1480
 - PR Pastillo 90.1 WJDZ
Returns to the air with Spanish Contemporary Christian: 'La Estacion De La Familia'
 - PR San German 91.7 WNNV
Returns to the air with Spanish Contemporary Christian: 'La Estacion De La Familia'
 - QC St-Raymond-de-Portneuf 88.7 CHOC-FM
[Calls assigned to new station; will be Adult Contemporary/Oldies (French)]
 - QC Ste-Marie-de-Beauce 105.3 CKAQ-FM
[Calls assigned to new station; will be Country (French)]
 - QC Trois-Rivières 105.9 VF2477
[Deleted from ISEDC Database]
-



RI Providence 102.9 W275DA
Returns to the air, as does // WRPA-1290,
with News/Talk: 'The Public's Radio'

SK Esterhazy 99.5 CJEZ-FM
[Calls assigned to new station]



SC Anderson 101.5 W270AM
News/Talk: '106.3 The Word // WYRD
106.3'

SC Briarcliff Acres 107.1 WRXZ
Classic Rock: 'Rock 107'

SC Columbia 98.9 W255DG
Returns to the air with Spanish: 'La Raza
840' // WCEO-840

SC Gaffney 104.3 W282AX
Adult Hits: 'Gaffney's HOT FM' // WZZQ-
1500

SC Kiawah Island 105.5 WCOO
Adult Alternative: '105.5 The Bridge'



SC South Congaree 95.3 WFMV-FM
[Call change from WFMV]

SD Sioux Falls 93.3 K227CZ
Adult Hits: 'Sunny Radio 93.3' // KZOY-1520

SD Wessington Springs 93.3 KJRV
Returns to the air with Classic Rock: 'Big
Jim 93.3'



TN Lawrenceburg 103.9 WLWB
[Call change from WBKV]

TN Kingston 90.1 WKTS
Contemporary Christian: '90.1 The Bridge'

TN Nashville 106.3 WXNS-LP
[License reinstated after cancellation]

TN Rosemark 105.1 WTRA-LP
New station signs on with Christian
CHR/Rock



TX Christoval 99.5 KQTC
Tejano/Regional Mexican: 'Q 99.5'

TX Crosbyton 100.7 KEVQ-FM
[Calls assigned to new station]

TX Dallas 102.5 K273BJ
Religious Teaching: 'Relevant Radio' //
KEXB-1440

TX Encinal 99.7 KYLQ
[Calls assigned to new station]

TX Grand Prairie 104.1 KZGP-LP
New station signs on with Spanish

TX Houston 96.1 K242CM
Religious Teaching: 'Relevant Radio' //
KTEK-1110

TX Houston 101.7 KVGK-LP
[Licensed cancelled; calls deleted]

TX Howe 95.3 KHYI
Country: '95.3 The Range'

TX Junction 107.3 KEVM-FM
[Calls assigned to new station]

TX Knox City 107.3 KWFG-FM
[Calls assigned to new station]

TX McAllen 96.5 KGDQ-LP
[Is Silent]

TX Pasadena 99.5 KPSR-LP
[License cancelled; calls deleted]

TX Robert Lee 105.7 KJVI
Adult Contemporary: 'Mix 105.7 Feels
Good'

TX Sanderson 105.1 KEVK-FM
[Calls assigned to new station]

TX Spur 99.9 KDSP-FM
[Calls assigned to new station]

TX Texarkana 107.1 KTFS-FM
 News/Talk: '107.1 News Talk KTFS'
 TX Texarkana 107.9 K300DW
 Sports: '107.9 The Fan' // KCMC-740
 TX Turkey 96.7 KYLB
 [Calls assigned to new station]
 TX Victoria 99.1 K256DJ
 [Move from 99.9 as K260BW]



VA Alberta 107.7 WWDW
 Adult Hits: '107.7 The Lake'
 VA Big Stone Gap 92.5 W223AA
 Southern Gospel/Religious Teaching: 'Alive
 92.5' // WLSD-1220
 VA Charlottesville 95.1 WQMZ
 Adult Contemporaray: 'Z 95.1 Picks You Up'



WA Vancouver 107.9 KOUV-LP
 Returns to the air with Variety



WI Milwaukee 101.7 W269DL
 [New station signs on with Talk: 'Talk 101-7
 FM' // WRRD-1510

[Thanks, Tim Noonan for this tip!]

WI Oshkosh 98.3 W252DR
 Classic Hits: 'The Bug' // WISS-1100
 WI Plymouth 98.5 W253CW
 Adult Contemporary: 'Love
 98-5' FM // WGXI-1420



WI Sun Prairie 92.1 WXXM
 Variety Hits: 'Rewind 92.1'

WY Fort Bridger 99.1 KNYN
 [CP to move to 103.9 cancelled]



We (still) need YOUR help! Hundreds of stations broadcast HD signals (HD-2, HD-3, HD-4) in addition to their standard FM signal, many as the source for translators. Those of you with an HD receiver can help us. Just scan the 'dial' and report the stations, formats and slogans you hear on each HD- signal. Your report will be recognized here in FM News! Thanks, in advance!



FM FACILITIES

December 2019

This information is reprinted from Doug Smith's FM News Information posted in the [WTFDA Forums](#). The [WTFDA FM Database](#) is also updated with this information.

Abbreviations:

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

AL Decatur 94.3 W232DL NW 250w/40m, 34-36-44/86-59-28 (WWTM-1400 via microwave)
 AL Waverly 100.3 WAUE PC>380w/118m, 32-40-04/85-33-01
 AK Seward 91.7 KIBH-FM PC>1kw/-498m, 60-09-40/149-23-36
 AB Edmonton 97.9 CFED-FM PG>295w/40m, 53-34-08/113-31-24
 AZ Nogales 99.1 KOFH PC>6kw/95m, 31-23-40/110-55-49
 CA Los Angeles 106.3 K292HC NW 4w/46m, 34-03-41/118-18-34 (KFOX-1650 Torrance via Internet)
 CA Palmdale 107.9 K300DX PG 10w-V/654m, 34-32-51/118-13-00 (KTQX-90.1 Bakersfield OTA)
 CA San Bernardino 91.9 KVCR PC 3.2kw/521m, 33-57-57/117-17-09
 CA Santa Cruz 89.3 KBCD CC from KZJV
 CA Sutter Creek 107.5 KCYF-FM NW 20w/108m, 38-24-05/120-44-55
 CA Sutter Creek 107.5 KJCN PG<300w-H/206m, 38-23-57/120-39-09
 CA Tracy 90.7 KYKL PC<140w/532m, 37-33-37/121-36-23
 CO Vail 89.9 KPRE PC<500w/-217m, 39-36-58/106-26-58
 FL Beverly Beach 92.7 WBHQ PC 5.7kw/104m, 29-32-08/81-15-49
 FL Callahan 93.3 WJBT PG<50kw/161m, 30-16-35/81-33-51
 FL Horseshoe Beach 94.7 WRBD CX, permit expired.
 FL Lake Wales 96.9 W245DO NW 250w/55m, 27-55-31/81-36-15 (WIPC-1280 studio feed)
 ID Troy 100.5 KQZB PC 885w/489m, 46-48-41/116-55-03
 IL Metropolis 93.7 W229DI NW 250w/88m, 37-10-25/88-42-29 (WMOK-920 via microwave)

KY Glasgow 97.3 W259CK QC from 99.7 (WOVO-106.3 Horse Cave OTA)
 KY Russellville 104.9 W231DO QC from 94.1, 235w/195m (WRUS-610)
 MA Greenfield 97.3 WLPV-LP QC from 107.9
 MA Haverhill 106.1 W291CC PC>225w/170m, 42-46-23/71-05-59 (WNBP-1450 Newburyport)
 MA Lawrence 102.9 W275BH PC>215w/134m (WNNW-800 via microwave)
 MA Pittsfield 89.7 WTBR-FM PC<350w/-82m, 42-27-05/73-15-05
 MA Springfield 98.9 W255DL NW 40w/281m, 42-14-30/72-38-54 (WHYN-560 via Internet)
 MI Escanaba 94.5 W233CT NW 250w/55m, 45-44-44/87-03-16 (WDBC-680 via Internet)
 MN Grand Rapids 93.1 K226CV NW 250w/176m, 47-20-22/93-23-49 (KOZY-1320 via Internet)
 MN St. Paul 99.1 WVIC-LP PC>100w/30m, 44-57-18/93-02-33
 MS Biloxi 106.3 W292GD PG 250w/115m, 30-27-31/89-04-46 (WANG-1490 via microwave)
 MS Columbia 89.5 WPRG PC<250w/59m
 MS Natchez 106.3 W292FK NW 250w/98m, 31-33-25/91-23-00 (WNAT-1450 studio feed)
 MO Washington 107.1 K296HA PC<250w/142m, 38-46-45/90-43-44 (KRAP-1350 via microwave)
 MT Evergreen 97.9 K250BP PC 200w-V/789m, 48-00-50/114-22-02 (KQDE-1340 via Internet)
 MT Kalispell 103.5 K278BI PC>200w-V/789m, 48-00-50/114-22-02 (KIBG-100.7 Bigfork via Internet)

MT Kalispell 95.3 K237GF PC>200w-V/789m, 48-00-50/114-22-02 (KKMT-92.3 Ronan via Internet)

NY Coxsackie 104.3 W282BI XG 42-24-02/73-52-03 (WYAI-93.7 Scotia OTA)

NY Elmira 102.9 W273BZ QG from 102.5, 35w-V/184m, 42-01-55/76-47-01 (WCIH-90.3 Ridgebury, Penna. OTA)

NY Glens Falls 93.1 W226CP NW 250w/-31m, 43-19-31/73-39-05 (WWSC-1450 studio feed)

NY Glens Falls 93.1 W226CP PG 250w/-31m, 43-19-31/73-39-05 (WWSC-1450 via Internet)

NY Mohawk 97.5 WHMV-LP PC>100w-H/-27m, 42-59-39/75-01-09

NY Remsen 105.5 W291CT QC from 106.1, 10w/104m (WNGG-90.9 Gloversville OTA)

NY Rochester 92.1 W221CL PC>250w/142m (WYSL-1040 Avon via Internet)

NY Shirley 94.5 W231CX QC from 94.1, 250w-H/54m, 40-47-55/72-52-38 (WBLL-106.1 Patchogue OTA)

NC Burnsville 104.7 W284DK NW 100w/440m, 35-56-17/82-17-46 (WKYK-940)

NC Charlotte 100.5 W283AY QC from 104.5, 250w-H/150m, 35-15-06/80-41-11; CL from Conway, S.C. (WGIV-1370 Pineville via Internet)

NC High Point 104.5 W283CV NW 150w/103m, 35-57-22/80-00-21 (WMFR-1230)

NC High Point 104.9 W285EU PC>99w/103m; CL from Jamestown (WSJS-600 Winston-Salem)

NC Jacksonville 106.1 W291DO PG<250w/71m, 34-44-56/77-24-51 (WAVQ-1400 studio feed)

OK Connerville 97.3 KTNG NW 6kw/96m, 34-25-56/96-38-12

OK Madill 98.7 K247CK QC from 97.3 (KMAD-1550)

OK Tulsa 95.9 K240ED PC 250w/74m, 36-07-30/95-53-04 (KYLK-103.7 Okemah OTA)

OR Medford 97.7 KORJ-FM1 NW 300w/303m, 42-21-25/122-58-40 (KORJ Butte Falls via microwave)

PA Dubois 99.7 W259DC NW 250w/266m, 41-04-34/78-33-05 (WCED-1420)

PA Jersey Shore 88.5 WXPI PG>950w/190m, 41-20-52/77-07-15

PA Larksville 94.1 W231EB NW 99w-V, 41-14-44/75-52-41 (WEJL-630 Scranton via Internet)

QC Harrington Harbour 97.7 CFTH-FM-1 CX ROA

QC Kegaska 89.9 CFTH-FM-3 CX ROA

QC Mutton Bay 98.5 CFTH-FM-2 CX ROA

QC Sainte-Marie 105.3 CKAQ-FM NS 4.5kw/89m, 46-23-29/70-58-56; French country/folk.

RI Westerly 103.1 W228AU QC from 93.5, 250w/31m, 41-21-57/71-50-09; CL from North Bennington, Vt. (WBLQ-1230 OTA)

SC Clinton 96.5 W252BH QC from 98.3, 250W/54m, 34-26-43/81-53-20; CL from Washington, Ga. (WPCC-1410)

SC Columbia 103.5 W278CY NW 250w/184m, 34-02-39/80-59-50 (WVOC-560 via microwave)

SD Vermillion 101.5 K268DP NW 250w/107m, 42-55-21/97-03-58 (KVTK-1570 studio feed)

SD Winner 97.5 K248DI NW 250w/99m, 43-17-46/99-52-03 (KWYR-1260 studio feed)

TN Dresden 95.1 WCDZ PC>25kw/84m

TN Wartburg 95.5 W238CP LC 250w/775, 36-11-14/84-37-38 (WECO-940 via microwave)

TX Crosbyton 100.7 NEW-198756 NW 9kw/133m, 33-40-41/101-06-16

TX Encinal 99.7 NEW-198752 NW 6kw/96m, 28-10-05/99-19-17

TX Floresville 94.1 KTFM PC>19kw/245m

TX Junction 107.3 NEW-198753 NW 13kw/140m, 30-20-36/99-35-18

TX Kerrville 94.3 KRVL PC<12.5kw/142m, 30-03-52/99-08-17

TX Richland Springs 107.7 NEW-198755 CX

TX Sanderson 105.1 NEW-198750 NW 500w/-30m, 31-26-24/101-56-13

TX Spur 99.9 NEW-198751 NW 50kw/144m, 33-39-39/100-57-31

TX Victoria 99.1 K256DJ PG 92w/144m, 28-48-59/97-03-59 (KXBJ-96.9 El Campo OTA)

UT South Jordan 92.5 KUUU PG>3.7kw/1197m

VA Newport News 100.9 W265EF PG>250w/123m, 36-50-29/76-08-09 (WGH-1310 via Internet)

WA South Bay 92.9 K289CQ QC from 105.7, 100w/641m; CL from Tumwater (KGTK-920 Olympia OTA)

WV Beckley 101.7 W268AZ QC from 101.5 (WRRL-1130 Rainelle OTA)

WV South Charleston 102.3 W287CB QC from 105.3, 10w/24m, 38-22-34/81-42-09 (WSCW-1410 studio feed)

WI Amery 107.3 W297CU NW 250w/102m, 45-29-27/92-11-33 (WXCE-1260 studio feed)

WI Green Bay 97.9 W250CV PG>250w/156m (WGBW-1590 Denmark via Internet)

WI Neillsville 98.5 W253CN NW 250w/138m, 44-35-30/90-37-11 (WCCN-1370 via Internet)

WY Greybull 92.9 K225CO NW 250w/709m, 44-48-39/107-55-22 (KZMQ-1140 via microwave)

PHOTO NEWS



Jeff Kruszka
1909 Lost Lake Pl.
Pearland, TX 77581
jkruszka@sbcglobal.net

December 2019

More great DX from Danny Oglethorpe in Shreveport, LA. The first 4 are new DTV's for 2019:



KREX-2 Grand Junction, CO
947 mi Es
Seen 6/17/19 @ 2005 CT
"800 watts"



WRGB-6 Schenectady, NY
1286 mi Es
Seen 6/12/19



WQED-4 Pittsburgh, PA
944 mi Es
Seen 7/14/19



WOUC-6 Cambridge, OH
872 mi Es
Seen 7/14/19
"Wrong calls"



WDPN-2 Wilmington, DE
1155 mi Es
Seen 7/14/19



WJLP-3 Middletown Twp., NJ
1234 mi Es
Seen 6/12/19

Northern FM DX

Keith McGinnis
Hingham, MA
longwave@comcast.net



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

EDITORS NOTE. PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.
All Submissions must be in to me by the 10th of each month.

Jerry Bond Rochester, NY DXing mobile in 2015 Subaru

July 20 Es EDT

Time	CALL	FREQ	CITY	ST	RDS PI & PROG DETAILS
1335	KOYN	93.9	Paris	TX	Coin 93-9.
1337	KLTY	94.9	Arlington	TX	94-9 KLTY. Sign up for fan club at KLTY.com.
1347	WRR	101.1	Dallas	TX	classical, presumed.
1350	KESN	103.3	Allen	TX	RDS-ESPN, local spots.
1354	KLAW	101.1	Lawton	OK	
1358	KRNB	105.7	Decatur	TX	local Dallas area spots
1400	KESS	107.1	Benbrook	TX	RDS-KESS-FM, Spanish CHR
1402	KDXX	107.9	Lewisville	TX	Spanish CHR // KETT-107.1
1412	UNID	93.7			Kissin 93.
1414	KOLI	94.9	Electra	TX	94-9 The Outlaw
1415	KFWR	95.9	Jacksboro	TX	95-9 The Ranch
1416	KCTX	96.1	Childress	TX	c/w, local spots
1420	KCTK	96.7	Flower Mound	TX	presumed, sports talk.
1422	KQOB	96.9	Enid	OK	local spots.
1436	KXKU	106.1	Lyons	KS	Kix Country 106, local spots.
1441	KEYN	103.7	Wichita	KS	local spots
1443	KJSR	103.3	Tulsa	OK	The Eagle, Tulsa's only classic rock.
1447	KMGL	104.1	Oklahoma City	OK	Today's Magic 104-1, local spots.
1451	KFBZ	105.3	Haysville	KS	105-3 The Buzz, ticket giveaway.
1452	KBGL	106.9	Larned	KS	Hits 106-9, The Wallpaper of Your Life.
1453	KRXO	107.7	Okla. City	OK	presumed, sports talk.

1456	KJLS	103.3	Hays	KS	RDS Mix 103.3 KJLS.
1459	KRMR	105.7	Hays	KS	KRMR-Hays ID.
1505	KKQY	101.9	Hill City	KS	RDS-The Bull.
1509	KHAZ	99.5	Hays	KS	RDS-KHAZ, c/w.
1510	KWKR	99.9	Leoti	KS	ESPN Radio, presumed.
1513	KWOX	101.1	Woodward	OK	c/w, K-101.
1516	KMAV	104.1	Mayville	ND	KMAV Country 104-1 FM.
1519	KNAB	104.1	Burlington	CO	local spots.
1524	KYVZ	106.1	Atwood	KS	Super Hits 106 jingle.
1526	KJTY	88.1	Topeka	KS	presumed, Family Life Radio.
1532	KCKE	90.3	Chillicothe	MO	Spirit FM, donate at Missouri State Fair.
1533	UNID	90.3			AFR.
1536	UNID	93.1			Hit Country.
1539	KAHE	95.5	Dodge City	KS	local spots.
1543	KICX	96.1	McCook	NE	ID, Kicks 96-1.
1544	KERP	96.3	Ingalls	KS	The Boot, c/w.
1550	UNID	97.7			playing today's best country, this is K.....
1555	KATR	98.3	Otis	CO	c/w, RDS-98-3 KAT.
1600	KFGE	98.1	Lincoln	NE	We are KFGE in Lincoln, Today's Best Country.
1605	KNPQ	107.3	Hershey	NE	North Platte's #1 for new country.
1610	KPNE	91.7	North Platte	NE	RDS-NET
1613	KMCX	106.5	Ogallala	NE	local spots.
1618	KQKY	106.1	Kearney	NE	Tri Cities Most Music.
1619	KGRD	105.3	Orchard	NE	RDS-Goodnews.
1625	KCVN	104.5	Lexington	NE	Truth for Life Show, Bott Radio.
1630	KLCV	103.3	Beatrice	NE	presumed, Bott Radio.
1633	KSUX	105.7	Winnebago	NE	Today's Best Country, K-Sue.
1641	KVHT	106.3	Vermillion	SD	Classic Hits 106-3, always timeless classics.
1644	KLNE	88.7	Lexington	NE	RDS-NET.
1649	KMNE	90.3	Bassett	NE	RDS-Radio Hour //88.7.
1650	KPNO	90.9	Norfolk	NE	RDS-Goodnews, local mentions.
1652	KPNE	91.7	North Platte	NE	RDS- NET Radio
1654	KKOT	93.5	Columbus	NE	RDS-The Hawk. Hits 93.5, Nebraska's Hits.
1702	KBRX	102.9	Oneill	NE	ID during baseball game.
1708	UNID				Dick Bartley's Classic Hits Show.
1726	KWYR	93.7	Winner	SD	S. Dakota and Nebraska's Magic 93-7 FM.
1730	KZZI	95.9	Belle Fourche	SD	Eagle Country and eaglecountry.com
1735	KORN	92.1	Parkston	SD	livestock store spot, "Corn" Country.
1749	KGRJ	89.9	Chamberlain	SD	RDS_Goodnews. S. Dakota mentions.
1758	KTSD	91.1	Reliance	SD	South Dakota Public Broadcasting ID.
1759	KMNE	90.3	Bassett	NE	ID-This is KMNE in Bassett.

Russ Edmunds

Blue Bell, PA

(15 mi NW of Philadelphia) Grid FN20id

Equipment: 2 RSP1a SDR's, Yamaha T-80, Yamaha T-85, Onkyo TS450-RDS, all with APS9b @ 15 feet

Time	CALL	FREQ	CITY	ST	RDS PI & PROG DETAILS	DIST
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August 2 2019 Es

1252	WOLR	91.3	Lake City	FL	RDS Capture 973F 816	
1252	WTBH	91.5	Chiefland	FL	Presumed with Southern Gospel	
1254	WUSF	89.7	Tampa	FL	RDS Capture 8B51	
1257	WTGF	90.5	Milton	FL	Presumed with Southern Gospel	
1307	WYFE	88.9	Tarpon Springs	FL	BBN	
1311	WBVM	90.5	Tampa	FL	RDS Capture 597A 939	
1311	WWRM	94.9	Tampa	FL	RDS Capture 9086 940	
1317	WCTQ	92.1	Venice	FL	RDS Capture 13B2 987	
1322	WDLV	88.7	Fort Myers	FL	K-Love	
1322	WSMR	89.1	Sarasota	FL	RDS Capture 8579 988	
1322	WJIS	88.1	Bradenton	FL	RDS Capture 6D4E 987	
1328	WMFV	89.5	Cedar Creek	FL	RDS Capture - New 74EF	
1329	WMYZ	88.7	The Villages	FL	Religious talk, Contemporary Christian Music, "Z-88" - New	

August 6 2019 Es

1110	WGUO	94.9	Reserve	LA	ID 1104	
1114	KPAQ	88.1	Plaquemines	LA	RDS Capture 0000 1131	
1123	WMPN	91.3	Jackson	MS	RDS Capture 75EB 986	
1126	WBSN	89.1	New Orleans	LA	RDS Capture 592D 1090	
1509	WLBF	89.1	Montgomery	AL	RDS Capture 71D3 809	
1539	KUAR	89.1	Little Rock	AR	RDS Capture 44E1 1011	
1634	KBIA	91.3	Columbia	MO	ID 908	
1638	KALR	91.5	Hot Springs	AR	PSA, ID1043	
1643	KLTY	94.9	Arlington	TX	Contemporary Christian, ID 1318	
1647	KBYB	101.7	Hope	AR	ID 1115	
1653	WACO	99.9	Waco	TX	ID 1372	
1654	unid	103.5			Texas Lottery promo, Ad for Ascension Seton Care, likely KBPA	
1656	KKXT	91.7	Dallas	TX	ID 1310	
1657	KESS	107.1	Benbrook	TX	Concert promo 1354	
1659	KTXG	90.5	Greenville	TX	AFR, Local ID 1257	
1700	KETR	88.9	Commerce	TX	ID 1235	
1700	KNTU	88.1	McKinney	TX	ID 1295	
1700	KTFW	92.1	Glen Rose	TX	ID 1374	
1720	KNCT	91.3	Killeen	TX	Usual soft instrumental pop 1401	
1720	KMFA	89.5	Austin	TX	Classical, ID 1435	

1727	KLUR	99.9	Wichita Falls	TX	ID	1352		
1730	KVNE	89.5	Tyler	TX	Proomo for E. Texas Lawncare		1224	
1730	KVLU	91.3	Beaumont	TX	ID	1263		
1730	KUT	90.5	Austin	TX	ID	1438		
1730	unid	107.3			"It's Only Rock & Roll" - Rolling Stones			
1737	KYFB	91.5	Denison	TX	Southern Gospel, BBN		1253	
1738	KISX	107.3	Whitehouse	TX	ID	1232		
1748	KHMY	93.1	Pratt	KS	Ad for Hutchinsons Regional Med Ctr		1242	
1749	KTXK	91.5	Texarkana	TX	ID, PSA's	1146		
1749	KMUW	89.1	Wichita	KS	RDS Capture	31CE	1198	
1750	KFXI	92.1	Marlow	OK	RDS Capture	1F92	1300	
1750	KQCV	95.1	Shawnee	OK	Bott net	1198		
1751	KGOR	99.9	Omaha	NE	Local ad	1089		
1753	KCSI	95.3	Red Oak	IA	ID	1045		
1754	KQLA	103.5	Ogden	KS	Country, ID	1134		
1801	KSQX	89.1	Springtown	TX	RDS Capture	413F	1334	
1821	KJTH	89.7	Ponca City	OK	ID	1229		
1828	KTBT	92.1	Broken Arrow	OK	ID	1159		
1917	KKGQ	92.3	Newton	KS	Local ads	1191		
1917	KICT	95.1	Wichita	KS	ID	1203		
1917	KANU	91.5	Lawrence	KS	ID	1066		
1919	KHCD	89.5	Salina	KS	RDS Capture	22B3	1176	
1920	KNCK	94.9	Concordia	KS	ID	1192		
1920	unid	92.7			Kansas State sports promo, ads. No 92.7 on any K-State sports nets.			

August 28 2019 TR

0057	WEEI	93.7	Lawrence	MA	ID - New	270		
0057	WVEI	103.7	Westerly	RI	WEEI Sports Net sportstalk		214	
0057	WBEA	101.7	Southold	NY	Rock, ID as "101.7 The Beach"		150	
0058	WEZN	99.9	Bridgeport	CT	ID	134		
0454	WMJX	106.7	Boston	MA	Local ads, "Magic 106.7", RDS Capture		7559	
0456	WKTU	103.5	Lake Success	NY	ID	79		
0457	WXPX	107.1	Briarcliff Manor	NY	Rock, "107.1 The Peak"		100	
0458	WBWL	101.7	Lynn	MA	Country, "The Bull" - New		265	
0500	WGBH	89.7	Boston	MA	ID, RDS Capture	64A1	259	
0555	WAAF	107.3	Westborough	MA	ID	230		
0555	WWRX	107.7	No. Stonington	CT	Rock, ID	197		
0557	WWLI	105.1	Providence	RI	"Lite Rock 105.1" - New		229	
0557	WERS	88.9	Boston	MA	ID	265		
0600	WBMW	106.5	No. Stonington	CT	ID	197		
0601	WWBX	104.1	Boston	MA	ID - New	265		
0622	WBQT	96.9	Boston	MA	Hip-Hop, "Hot 96.9", local ads - New			
0656	WBOS	92.9	Brookline	MA	Local news	265		

September 3 2019 TR

0558	WTHJ	106.5	Bass River Twnsp	NJ	ID	60
0657	WQHQ	104.7	Ocean City	MD	ID	121
2259	WGBG	107.7	Fruitland	MD	ID, "Big 107.7"	122

September 10 TR

100	WKYS	93.9	Washington	DC	ID	128
300	WGBG	107.7	Fruitland	MD	ID	122
327	WQHQ	104.7	Ocean City	MD	ID	121
356	WZBH	93.5	Georgetown	DE	ID	112
400	WCPE	89.7	Raleigh	NC	ID	339

September 11 2019 TR

200	WAVA	105.1	Arlington	VA	ID	127
257	WPRS	104.1	Waldorf	MD	ID	135
257	WPOC	93.1	Baltimore	MD	ID	99
257	WKHK	95.3	Colonial Heights	VA	ID	213
259	WZFT	104.3	Baltimore	MD	ID	92
259	WZCY	93.5	Mechanicsburg	PA	ID	85
301	WXPB	107.1	Briarcliff Manor	NY	ID	100
400	WNYC	93.9	New York	NY	ID	79
400	WYFI	99.7	Norfolk	VA	BBN, ID	235
459	WPTE	94.9	Virginia Beach	VA	ID	237
500	WNNJ	103.7	Newton	NJ	ID	76
500	WKMK	106.3	Eatontown	NJ	ID	63
500	WVKR	91.3	Poughkeepsie	NY	ID	122
500	WKNZ	88.7	Harrington	DE	ID	88
500	WVIP	93.5	New Rochelle	NY	ID	89
500	WTMD	89.7	Towson	MD	ID	88
552	WKDB	95.3	Laurel	DE	Spanish, "Maxima 95.3"	115
552	WKYS	93.9	Washington	DC	ID	128
600	WJLK	94.3	Asbury Park	NJ	ID	62
601	WDCJ	92.7	Prince Frederick	MD	ID	124
601	WVBW	92.9	Suffolk	VA	ID	234
604	WNOB	93.7	Chesapeake	VA	ID	235
619	WSFL	106.5	New Bern	NC	Pgm // u/WWMX to 105.7 pickup via local WEMK-LP's OTA pickup from WRDY-LP 106.5	370
620	WFAN	101.9	New York	NY	ID	79
620	WNYE	91.5	New York	NY	ID	79
625	WRKI	95.1	Brookfield	CT	ID, wx, traffic - New	134
658	WZBH	93.5	Georgetown	DE	ID	112
700	WFDU	89.1	Teaneck	NJ	ID	90

September 28 2019

0300	WZBH	93.5	Georgetown	DE	ID	112		
0500	WDHA	105.5	Dover	NJ	ID	63		
0500	WOSR	91.7	Middletown	NY	Full NE Public Radio ID		107	
0500	WJTL	90.3	Lancaster	PA	ID	63		
0500	WFDU	89.1	Teaneck	NJ	ID	90		
0530	WRCH	100.5	New Britain	CT	ID	166		
0530	WIBG	94.3	Avalon	NJ	Jingle ID		71	
0553	WBZO	103.1	Bay Shore	NY	ID	116		
0553	WFAN	101.9	New York	NY	ID	79		
0554	WZCY	93.5	Mechanicsburg	PA	ID	85		
0554	WRKI	95.1	Brookfield	CT	ID	134		
0554	WKMK	106.3	Eatontown	NJ	Dual ID w/ WTHJ-106.5		63	
0554	WTHJ	106.5	Bass River Township	NJ	Dual ID w/ WKMK-106.3		60	
0555	WZXL	100.7	Wildwood	NJ	ID over WLEV 75			
0555	WSUS	102.3	Franklin	NJ	ID	79		
0555	WHCN	105.9	Hartford	CT	ID	160		
0555	WAXQ	104.3	New York	NY	ID	79		
0556	WPKN	89.5	Bridgeport	CT	Local PSA's - New		134	
0559	WXPJ	91.9	Hackettstown	NJ	Net // WXPJ-88.5		53	
0559	WWNJ	91.1	Dover Township	NJ	Net // WWFM-89.1		64	
0600	WJLK	94.3	Asbury Park	NJ	ID	62		
0600	WOBM	92.7	Toms River	NJ	ID	61		
0604	WJJF	94.9	Montauk	NY	Red Eye Radio, CBS News, ID		183	
0653	WVKR	91.3	Poughkeepsie	NY	ID	122		
0654	WHFM	95.3	Southampton	NY	Dual ID w/ WBAB-102.3		161	
0654	WKNZ	88.7	Harrington	DE	ID	88		
0654	WZMX	93.7	Hartford	CT	ID - New		160	
0657	WNEW	102.7	New York	NY	ID	79		
0659	WGBH	89.7	Boston	MA	ID	259		
0700	WFRS	88.9	Smithtown	NY	ID	119		
0700	WKCR	89.9	New York	NY	ID	77		
0700	WAMC	90.3	Albany	NY	Full NE Public Radio ID - New		203	
0755	WLNG	92.1	Sag Harbor	NY	ID	163		
0756	WSPK	104.7	Poughkeepsie	NY	Local ads		116	
0757	WMRQ	104.1	Waterbury	CT	ID - New		160	
0757	WKCI	101.3	Hamden	CT	ID	150		
0758	WWRX	107.7	North Stonington	CT	ID	197		

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TV News Continues from Page 20

WHIO's post-repack facility reused their old channel 41 transmission line. Due to issues with the post-repack channel 33 transmitter, the transmission line was damaged. (it doesn't specify exactly what happened, but my wild guess is a loose connection near the antenna caused a line mismatch and interlock circuits in the transmitter failed to detect the condition.)

Sharing will end when WHIO's backup transmission facility is complete, which could be as soon as November 18th. (three days after the STA was filed) On the other hand, if bad weather intervenes, completion could take longer. If you saw CBS programming on channel 16.2 in southwest Ohio, this is what you were watching...

My gut feeling is the Canton, Texas experimental channel 6 application will be denied. My gut feeling is simultaneous analog FM audio and ATSC 3.0 digital on the same channel will not work.



Geminids

Next period of activity: December 4th, 2019 to December 17th, 2019

The Geminids are usually the strongest meteor shower of the year and meteor enthusiasts are certain to circle December 13 and 14 on their calendars. This is the one major shower that provides good activity prior to midnight as the constellation of Gemini is well placed from 22:00 onward. The Geminids are often bright and intensely colored. Due to their medium-slow velocity, persistent trains are not usually seen. These meteors are also seen in the southern hemisphere, but only during the middle of the night and at a reduced rate.