

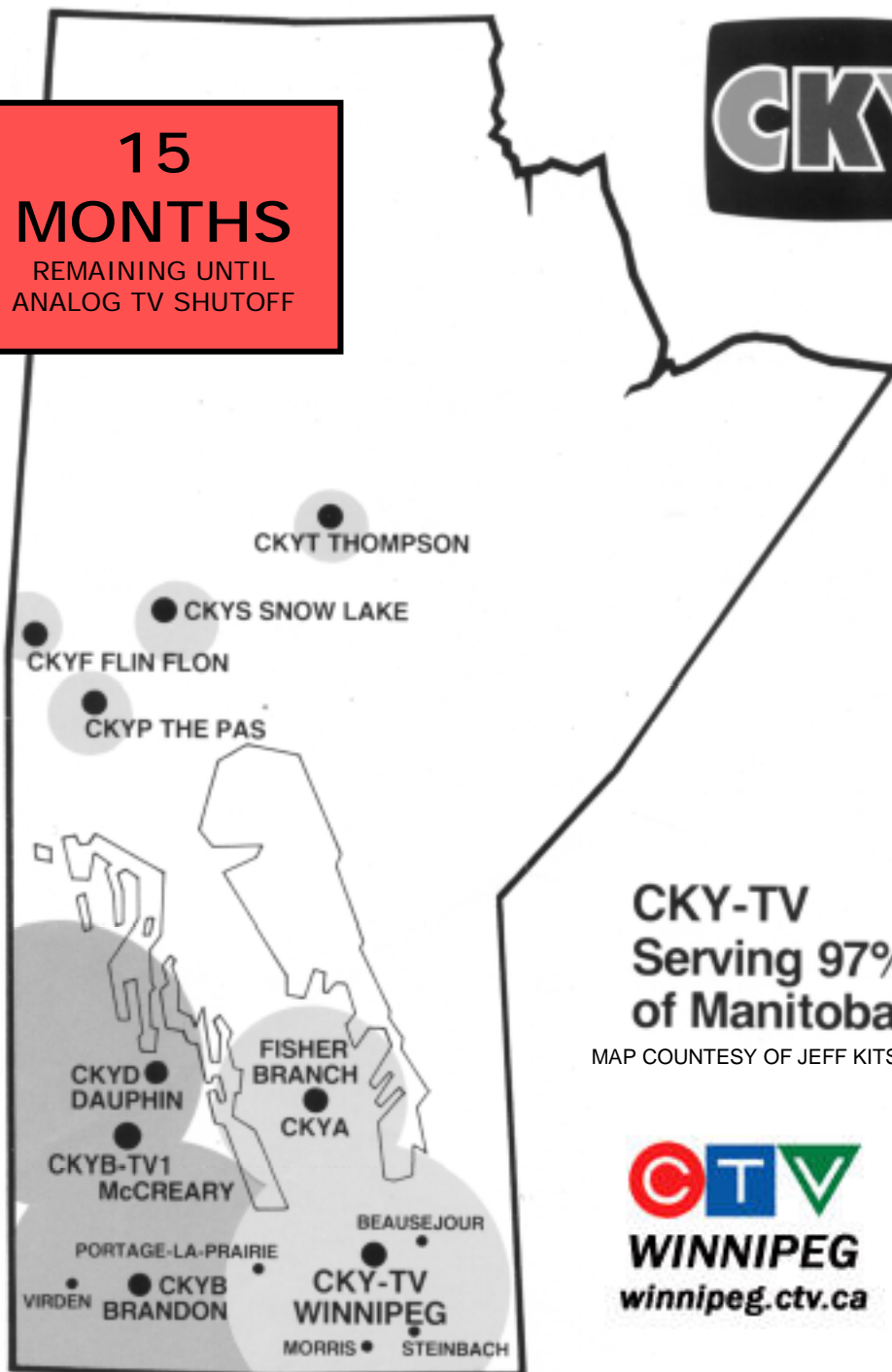
Vhi-UhiDIGEST

The Official Publication of the Worldwide TV-FM DX Association

NOVEMBER 2007

The Magazine for TV and FM DXers

**15
MONTHS**
REMAINING UNTIL
ANALOG TV SHUTOFF



CKY-TV
Serving 97%
of Manitoba

MAP COUNTIES OF JEFF KITSKO



CAPE COD TO FLORIDA TROPO OCTOBER 22

Roy Barstow logs Jacksonville on UHF

Jeff Lehmann logs WFYV 104.5 Jacksonville

TV and FM DXing was never so much fun!

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, GREG CONIGLIO, BRUCE HALL, KEITH MCGINNIS AND MIKE BUGAJ.



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Our website: www.wtfda.org; Our forums: www.wtfda.info

NOVEMBER 2007



Finally! For those of you online with an email address, we now offer a quick, convenient and secure way to join or renew your membership in the WTFDA from our page at:

<http://fmdx.usclargo.com/join.html>

Dues are \$25 if paid to our Paypal account. But of course you can always renew by check or money order for the usual price of just \$24. Either way, it's still a bargain!

eVUD members please send \$10 for membership or renewal to mbugaj@snet.net.

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You can tell we're heading into winter. Neither Dave or Keith has enough for a column. If you have any DX, send it to column editor! They can use the reports. Thanks to Les Prus for the photo on page 27.

FIND US FAST!

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WHAT'S HAPPENING?

And the answer is...not much! Randy Zerr and Danny O noticed a little Es around the middle of the month and some Gulf tropo on the 21st. A few guys have heard some meteor bursts during the peak of the Orionids, also on the 21st. That's about it. A major source of DX should be a couple of major meteor showers to take us through the end of the year: the Leonids (Nov 10-23) and the Geminids (Dec 7-17). If you have a decent radio and some open frequencies, these should be worth checking out.

MEMBERS AND MORE

This month we have not one, not two, not three but **Four** new members! A big welcome goes out to **William Hale** (TX), **Wesley Corbin** (TX), **John Cereghin** (DE) and **Daniel Gillet** in Winnipeg. We have a lot to offer, so check out the website, the Forum site and consider our email lists.

Renewals came in from **Scott Fybush** (NY), **Larry Weil** (NH), **Jeff Kitsko** (PA), **Jim Renfrew** (NY), **Charles Tumosa** (MD), **Steve Branch** (IL) and **Marv Shults** (IL). All were received from 9/20 through 10/13. Thank you everybody for your support!

Here's a few words from **John Cereghin**: "I'm a long-time DXer, going back to 1976, but have only recently gotten involved in FM DXing. I was active for years in the old SPEEDX shortwave club and the NorthEast Scanning News in the early 90s, where I edited the Maryland-Delaware column. Recently, I've gone back to AM (579 stations logged) and FM DXing (249 stations logged). My rigs aren't fancy and I like the older rigs. I use a FRG-7, a DX-150B, a Grundig PE400 and a Kaito KA-1130. I'm looking to add a better FM tuner and upgrade my FM antennas in anticipation for next season. I'm planning to submit my first logs to the Southern DX column later today. Looks like fun and the FM DX bug has bitten- hard!"

Daniel Gillet (Winnipeg, MB) writes that he DXes the AM and FM bands using an Icom IC-R9500 and various antennas. He's also a member of the NRC and CIDX and has the calls VE4PBX.

Wesley Corbin (Lucas, TX) is interested in it all: TV, FM, 30-50 utilities and weather.

And last, but by no means least, we have **Bill Hale** who writes: "I am a returning member who just re-joined. Previously, I was a member back in the early-to-mid 70s while living in the Florida Panhandle. Although I now live in an area overrun with FM and TV stations (Dallas/Fort Worth), my interest in the DX hobby remains high."

Bill is also on the NRC Board of Directors and has been editor of AM Switch for the past five years.

And in what could be called an answer to my prayers, Bill volunteered to take over the FM News column beginning this month. Thank you, Bill!

PERPLEXED IN PITTSBURGH

Perhaps we can help answer **Bob Garchak's** questions. Then again, maybe we can't. Bob writes: "The latest on WPCW TV ch19 in Jeannette, PA is according to the Pittsburgh Post-Gazette newspaper. They have been awarded digital channel 11 but will not be allowed to come on the air until Feb 2009 after WPXI ch11 analog ceases operation.

All this occurred because WLLS-LP Indiana file so it objecting to WPCW being given ch49 digital. Most likely one of the few times a low-power channel won. That still doesn't clear up the reason I stopped getting WLLS-LP ch49. Within the last six months I picked them up twice during skip. One other item. I now pick up ch32 low power I assume coming from Pittsburgh, being that very few low power stations identify themselves so you have to guess where they come from. My guess about ch32 is that WIIC-LP ch29 is no longer on the air but owner had a CP change to ch32 and that's what is on 32. Also a channel 30 came on the air October 2006 and lasted about two and a half months and disappeared. Assumed it might have been WBPA-TV Pittsburgh. If you could list any information on ch32 or even ch30 LP in one of your issues I would appreciate it."

So we put the question to the tvfmdx list and here's what we found, first from **Doug Smith**.

"There are four channel 32s in Pennsylvania:

- WQPX-DT, Scranton

- WTAJ-DT, Altoona
- WPSG-DT, Philadelphia
- WTOO-CA, Altoona

The latter has presumably been bumped by WTAJ-DT, which has a license-to-cover.

WTRF-DT in Wheeling is the only station in West Virginia on channel 32 so the mystery LP isn't coming from WV either. In Ohio, there's a LP station in Cleveland on 32 that supposedly runs infomercials. Closer to Pittsburgh, the TBN in Youngstown, Ohio on channel 52 has filed to switch to digital operation on channel 32, not yet approved.

I suppose WIIC-LP 29 is being bumped by WWCP-DT in Johnstown. They've filed to move to channel 27 (with a substantial power increase) so it's not them.

On channel 30 I would presume this was indeed WBPA-LP, licensed for 8.5kw and with a permit for 25kw, from a tower close to WPGH-53's. They also have a permit for a DTV station with 10 watts on channel 6."

Next we hear from **Jeff Kitsko**, who writes "Channel 30 would have been the WNPA/WPCW digital position if CBS opted to keep the transmitter on Laurel Mountain, but I do not know of any LPTVs broadcasting on that channel. Channel 32 is assigned to WTRF-7 Wheeling and WTAJ-10 Altoona for their digital operations, but WTRF-DT is at such low power, that its signal barely gets out of the valley. I get about a 4,000 level on TSReader from 32 when facing Altoona and to get a lockable signal it has to be at least five figures. Upon looking at the FCC record, they're at 485 kW.

I believe WIIC would be the 32 he is seeing, since it has to be so low not to interfere with either 7 or 10 and I can't see anything that is LP. Also, people on AVSForum in the Pittsburgh area report reception of WWCP-DT so either they are on miniscule power or moved. However, it'd have been helpful if he had described what he saw on 32."

And finally from **Bob Seaman** who reports "One item I noticed in the FCC data base is that WIIC-LP CH 29 (moving to CH 27) Pittsburgh and WTOO-CA CH 32 Altoona are both owned by Abacus Television who also has an application for a new low power digital station on CH 32 in Kittanning, PA. As Doug noted the only other CH 32 in PA are digitals."

CONVENTION 2007 VIDEO FOR SALE

The Convention video is now available and has about 3.5 hours on either a DVD or VHS tape. It includes all the flubs but you get to see the guest speakers, auction and station tours plus more!

The cost is \$10.00 plus \$2.00 s/h and I can either take Paypal to: N7SOK@aol.com or checks to: **Frank Aden**, 4096 Marcia Place, Boise, Idaho 83704.

MORE ABOUT FM TRANSLATORS

More about translators from **Bob Seaman**: "On the FM translator issues that I had sent you the information about for the VUD, the main problem that I have seen is that the translator can file the application and show that their signal will not interfere with the Protected Contours of any other Class A, B or C station that is operating at the full FCC authorized power. However, these translators are still going to be interfering with these stations and they are not permitted to cause this type of interference according to the regulations, even outside of the protected contours of the full power stations. The FCC doesn't look for this type of interference in the Application process. Apparently it isn't part of the criteria in the FCC Application for a Translator. Unfortunately the general public assumes that they can not do anything about the interference and rarely complain to anyone about the interference. Everyone that I spoke to about the WJJZ interference assumed that nothing could be done about the local translator interference. They all thought that since it was allowed to come on the air that the FCC would not shut them down. They were all amazed when it was shut down after a number of e-mails/letters were sent to Greater Media/WJJZ engineering complaining about the interference. I think that if you look at the translators around the country, that you will find that most of them are in violation of this interference clause, and would have to be modified or shut down. Almost every one translator in my area has some type of interference issues in their applications or with their on air signal. Bob Seaman seaman_robert@hotmail.com

IBOC IN BRAZIL

You just have to pity those poor people. This post appeared on the tvfmdx list by a Dxr in Brazil and it's interesting reading.

"Brazil is on the way to adopt HD Radio for MW/VHF-FM while DRM for SW. We use the same technical patterns of USA. At the moment we have 9 applications for IBOC tests on MW and 10 on FM, mostly in the state of Sao Paulo. One additional application is for DRM on MW simulcast from Brasilia.

iBiquity representatives in Brazil consider that the adjacent interference is not critical if at least one of the two digital sidebands is well received since both (upper and lower beside the analogic) carry the same information (redundance).

Another good thing are tuners like HDT-1X that has a great FM selectivity (I'm not impressed with the tuner on MW either).

But in high density areas like where I'm living, with many illegal pirates that does not

consider any band plan, both adjacent channels are occupied. So yes, that could be one of the problems.

Band News and CBN are all news style stations, part of two networks: Rede Bandeirantes and Rede Globo. Analogic powers are 90 kW for Band News and 35 kW for CBN.

Thanks for the e-mails and good descriptions. The conditions of the tests and receptions in USA and Brazil are similar and maybe just with full digital emittion the area coverage could be preserved as power output increase to habitual analogic levels.

For Digital TV Brazil is using the ISDB system with adds (like middleware) made by local engineers. In December the digital television will be ready for consumers in Brazil. Globo, Bandeirantes and SBT are already transmitting their test signals in UHF from Sao Paulo. - Flávio Archangelo PY2ZX

INCHING CLOSER TO 2008

The media are beginning to talk a little about the DTV conversion. Here and there news items are beginning to appear about the transition and in mid-October Dxers found a blitz of items regarding Best Buy. The items, which appeared on many TV stations' local news programs, mentioned that Best Buy was no longer selling analog televisions. This was not earth-shattering news by any means, but it did give Best Buy quite a bit of free advertising.

We also learned that at least two manufacturers have the contract to make converter boxes for sale in 2008. You'll find that item elsewhere in this VUD.

We found that **Curtis Sadowski** became the owner of a portable DTV. Curtis explains: "I spent \$60 to buy an Insignia NS-5HTV off Ebay, it arrived today, and I'm having fun at work trying it out. As expected, it's nothing to write home about on either analog or digital. DTV reception here on the rainy West Side of Champaign has only been WCIA-DT with perfect reception (as it should be- I can see the tower), and two Decatur DTVs: WAND-DT and WBUI-DT with fragmentary reception. I bought this so I could have something to watch while at work, so I'm relatively pleased. I'd be more pleased if WAND-DT came in better so I could watch the 'Tonight Show' from here. These little Insignia portables are all over Ebay right now, in both the five inch and seven inch versions. I guess a lot of them were either damaged in transit to the stores, or were returns, the clearance dealers are glutted with them. Go have a look there if you're wanting to upgrade to digital at a cheap price (the units needing repair are REAL cheap). BTW, the seven inch model is the Insignia NS-7HTV, of course. One thing I like about my NS-5HTV is how it does a

digital scan- it'll go by RF channel from 2-69, if it gets a lock you'll have the picture come up for a moment on whatever it is that scanned before it goes onto the next channel. Analog is totally separate, and can be scanned too."



Here's a picture of the Insignia television, but it's not a very good one.

And speaking of Curtis, our man in Paxton provided us with link after link pointing us to information on the conversion to digital TV in the United Kingdom. It started in October and will continue until the entire country has its analog television shut off completely.

He also provided links to the analog shutdown in Sweden, where one moment there was a picture and the next second there was nothing but snow.

FLASH!! FLORIDA ON UHF AGAIN!

Roy Barstow did it again from Cape Cod! On October 22 he caught a duct and saw WAWS (30) and ch47 in Jacksonville. Perhaps one of these times he'll log a DTV from down there. It will happen, sooner or later.

Meanwhile **Jeff Lehmann** logged WFYV 104.5 in Jacksonville the same evening! If my memory is still intact, earlier this year he also logged WEAT 104.5 in West Palm Beach via tropo.

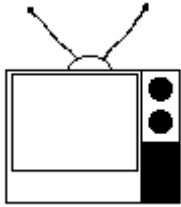
And that does it for this month! -Mike

Northeast All-Band DX Get Together November 10, 2007

AM Dxer Chris Black will be hosting the 3rd annual "Ray Arruda Replacement" GTG at his home on Cape Cod on 11/10/2007.

WTFDA members are welcome!
For information email Chris at n1cp@comcast.net.

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TV News

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November 2007

Abbreviations:

AF	Applied For (a new station)	NW	New station on the air
Aux	Auxiliary (backup) transmitter	PA	Proposed Amendment
CC	Callsign change	PC	Power (and/or tower height) change on the air
CL	City-of-license change	PG	Power change granted
DC	Converted to DTV	PR	Power change requested
DCC	Digital Companion Channel	RA	Returns to the air
NS DCC	Granted flash-cut to DTV	QC	Channel (frequency) change on the air
DE	License/permit deleted	QG	Channel change granted
DR	Requests flash-cut to DTV	QR	Channel change requested
FC	Programming (format) change	RE	Reinstated (previously-dismissed app.)
FTP	Failure to Prosecute	ROA	Request of Applicant
GA	Granted amendment (to table of channel allotments)	SI	Off the air (silent)
LC	License to Cover	STA	Special Temporary Authority
MX	Mutually Exclusive	XC	Transmitter site changed
NDA	Non-directional antenna	XG	Transmitter site change granted
NS	Permit granted for new station	XR	Transmitter site change requested

News:

(full-power analog stations in **bold face**; LPTV and translators in regular type; full-power digital stations in **bold italics**; low power digital stations in regular italics)



CANADA

British Columbia

Kelowna	21	CBUFT-1	PG 2.5kw/514m
Kelowna	45	CBUT-38	PG 14kw/514m



Puerto Rico

San Juan	26	W26DK	QC from W25DN, 5kw, 18-21-25/ 66-11-23
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USA

Alabama

Fayette	48	WSSF-LP	QC from ch. 58, 18.9kw, 33-40-54/ 87-49-24; CL from Berry
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<i>Florence</i>	<i>20</i>	<i>WYLE-DT</i>	<i>PR 50kw/ 275m, 35-00-09/ 87-08-09</i>
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Jasper	25	W25DR	QC from W66CN
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Alaska

Fairbanks	32	KDMD-LP	PG<11.5kw
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Arizona

Coolidge	43	NEW	AF RE 5000kw/363m 33-00-04/ 111-40-29 DG 10w
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*Lake Havasu City25, K25AL-D,
27 K27EC-D*

Phoenix	41	KPDF-CA	PR RE 51.3kw, 33-20-03/ 112-03-38
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Phoenix	45	KUTP	NW 934kw/ 502m, 33-20-03/ 112-03-46 (aux)
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Yuma	6	KVFA-LP	NW 50w, 32-41-41/ 114-36-47
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Arkansas

Harrison	26	K26GS	PC>150kw, 36-06-41/ 93-01-56; CL from Mountain Home (was operating from that site with STA at 63.4kw)
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Pine Bluff	25	KVTN	PG<600kw/ 356m
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California

<i>Arcata</i>	<i>22</i>	<i>KAEF-DT</i>	<i>PG 45kw/ 550m; PC</i>
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Barstow	36	K36JH	QG from K16GE, 100kw, 34-36-44/ 117-17-29.
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<i>Chico</i>	<i>11</i>	<i>K11VZ-D</i>	<i>req. drop DA</i>
<i>Chico</i>	<i>50</i>	<i>KBIT-LD</i>	<i>PR>14.7kw</i>

Cloverdale	40	KQRM-LP	NW 4kw, 38-48-34/ 123-02-56 ("QRM" is a Morse Code abbreviation that means interference!)	Yuma	28	K28JH-D	NW 170w (DCC for ch. 59)
Crescent City	44	K44JF	DR 12kw, 41-58-11/ 124-11-17	Connecticut			
El Centro	43	NEW-LP	AF dismissed	New Haven	51	WNHX-LP	PC>100kw, 41-19-42/ 72-54-25
Fresno	31	KBID-LP	PC>150kw, 37-04-25/ 119-25-52	District of Columbia			
Fresno	46	K56DZ	PR>15kw	Washington	33	WHUT-DT	NW 100kw/ 254m, 38-57-01/ 77-04-47
Glen Arbor	42	KBKF-LD	DG 15kw	Florida			
Joshua Tree	15,	K15FC,	PR<4w, 34-07-56/ 116-03-18 dismissed	Gainesville	26	WSSH-LP	DR 15kw, 29-44-22/ 82-23-09; CL from Live Oak
La Jolla	38	K67AM	QR from ch. 67 dismissed	Gainesville	50	W22DB	QR from ch. 22, 39.7kw
Lancaster	26	K26GN-D	DG 15kw	Islamorada	50	NEW-LP	AF dismissed
Lancaster	50	KEDD-LD	DG 15kw, 34-13-35/ 118-03-58	Live Oak	48	WFXU-DT	PG 22kw/134m
Los Angeles	3	KVTU-LP	PR>490w, 34-13-54/ 117-14-08	Melbourne	32	W59CX	DC from ch. 59, 1.5kw, 28-08-12/ 80-42-13
Morongo Valley	3	KHIR-LP	CC from K03HS	Pensacola	12	WBQP-CA	PR RE>3kw, 30-28-32/ 87-15-16
Oxnard	25	KSKP-CD	DG 40w	Georgia			
Palmdale	8	KFLA-LD	XC 34-13-35/ 118-03-58	Athens	50	WAGC-LP	QG from ch. 42, 11kw, 33-57-47/ 83-27-22
Palmdale	12	K12QD	QG from K67AO, 300w, 34-21-05/ 117-40-24	Columbus	23	WJSP-DT	PG 177kw/ 444m
Paso Robles	36	KJCN-LP	PR>150kw, 35-57-07/ 121-00-00	Toccoa	24	WNEG-DT	PG 240kw/ 251m
San Diego	62	KSDX-LP	QR from ch. 29, 52kw dismissed	Vidalia	19	WPHJ-CA	QR from ch. 46 RE, 31.4kw
Stateline	40	K40JV-D	NW 120w, 38-54-37/ 120-02-05	Hawaii			
Yreka	49	K49IG	NW 5.87kw, 41-44-55/ 122-42-01 (3Abn)	Wailuku	16	KOGG-DT	PG<818m, 20-39-37/ 156-21-46
Colorado				Idaho			
Anton	51	K51HS-D	NW 130w, 39-51-17/ 103-20-38	Bonnets Ferry	23	K59BW	QC from ch. 59
Cortez	25,	K25JN-D,	NW 10w, 37-21-01/ 108-08-01 (DCC)	Grangeville	46	K46HX	QC from K59BA, 1.35kw, 46-04-09/ 116-27-54
Crystal	40	K58AA	QC from ch. 58, 500w, 39-25-24/ 107-22-32	Lewiston	27	KIDQ-LP	PC>11.4kw
Estes Park	26,	K26HQ,	NW 100w, 40-21-38/ 105-31-12	Illinois			
Fort Collins	21	KFCT-DT	NW 50kw/ 233m	Ashton	7	WRDH-LP	XC 41-59-46/ 89-12-11
Fort Collins	43	K03EM	QR from ch. 3, 100w, 40-32-46/ 105-11-51	Chicago	7	WLS-TV	NW 60.3kw/ 410m, 41-53-56/ 87-37-23 (aux)
Hartsel	23	K70FL	QR from ch. 70 (!)	Chicago	52	WLS-DT	NS 220kw/ 474m (aux)
Snowmass	43	K43JI	NW 140w, 39-13-11/ 106-54-31	Effingham	45	WEIL-LD	DR 15kw, 39-57-03/ 88-52-05; DG
Village				Sterling-Dixon	19	W19CX	QC from W52BI, 9.5kw, 41-53-52/ 89-36-20
Sterling	31	K31IQ-D	DC from K54GJ, 400w, 40-35-28/ 103-02-23	Indiana			
Wray	31	K31IH-D	DR 190w	South Bend	23	WMYS-	DG 15kw
				South Bend	27	WCWW-	DG 15kw

Iowa Mason City	18	KYIN-DT	NW 250kw/ 449m, 43-28-32/ 92-42-29	New Jersey Atlantic City	13	WQAV-LP	QR from ch. 34 dismissed but refilled
Kentucky Lebanon	6	W06AY	DR 300w	New Mexico Artesia	29	K29FM-D	DG 900w, 32-50-23/ 104-25-42
Louisiana Baton Rouge	7	K07WE	PG>3kw, 30-26-59/ 91-07-55	Deming	49	K49GV-D	DG
Opelousas	39	K50FI	QC from ch. 50, 15.9kw, 30-36-41/ 92-08-24 (bumped by KLWB, New Iberia)	Hatch	28	K28GJ-D	DG
Maryland Salisbury	26	W63DC	QR from ch. 63, 19kw, 38-23-12/ 75-17-27; CL from Ocean City dismissed	Las Cruces	33	K57BV	QR from ch. 57 dismissed; going for ch. 16 instead
Minnesota Royalton	30	KTCJ-LP	DR 5kw, 45-37-57/ 94-10-26	Los Alamos	49	K49KF-D	NW 340w, 35-53-09/ 106-23-13 (DCC for ch. 44)
Mississippi Jackson	29	WMPN-TV	PG <15.8kw/ 467m	Ruidoso	18	K18GQ-D	DG 10kw
Missouri Kansas City	34	WDAF-DT	req. DA	T or C	40	K40GH-D	DG
Springfield	47	K47LH	QC from K49DG, 19.5kw, 37-12-07/ 93-14-02	New York Liberty	30	W30AZ-D	DG 150w, 41-41-06/ 74-21-24
St. Louis	38	K38HD	QC from ch. 21, 150kw	New York White Lake	35 51	WNYX-LP W51BN-	PC>120kw DG 15kw
Montana Bigarm	11	K11RX-D	DG 40w, 47-48-56/ 114-19-14	North Dakota Fargo	35	K35HO	QC from K56ET, 19.8kw, 46-45-35/ 96-36-27
Glasgow	7	K07JG	PR<50w dismissed	Minot	27	NEW-LP	AF dismissed
Lewistown	45	K45CS	PC<1.05kw, 47-10-39/ 109-32-06	Ohio Dayton	32	WWRD-LP	QC from ch. 55, 33.23kw; CL from Centerville
Polson	3	K03DJ-D	DG 30w	Marietta	64	WWVX-LP	PR>150kw, 39-20-59/ 81-33-57; CC from W64CS
Polson	11	K11HO-D	DG 40w	Oklahoma Chilocco	18, 61	WE2XGJ	NS 20.6538kw/ 50m, 36-56-14/ 97-04-17, experimental until 7/1/2009
Polson	14, 16, 30	K14LT-D, K16GJ-D, K30II-D	DG 60w, 47-40-42/ 114-08-36	Norman Shawnee	46 29	KOCM KTUZ-DT	PG<380kw NW 770kw/ 474m, 35-33-36/ 97-29-07
Woodsbay	11	K11KE-D	DG 40w	Oregon Brookings	21	K21HP-D	DG 1.2kw (new calls for K57GP)
Nebraska Decatur	34	K34IB	QC from K66AR	Corvallis	26	K26AY	NW 13.8kw, 44-30-18/ 122-57-33 (KGW-8)
Norfolk	35	K35FM	PR<9.3kw; PG	Eola	17	K17IV	NW 2kw, 44-58-40/ 123-08-30
Omaha	47, 48	KOHA-LD KOHA-LP	XR 41-18-32/ 96-01-33; XG	Hood River	36	K36FG	PG<1.2kw
Nevada Carson City	32	K32GW-D	DC from K57CV, 6.94kw, 39-15-34/ 119-42-16	Jacksonville	13	K13JR	DC 300w, 42-17-53/ 122-45-01 (antenna 660m higher than old analog facility)
Parump(sic)	18	KHMP-LP	QR from ch. 62, 142kw, 35-57-55/ 115-29-58	Medford	25	K25IM	NW 2.97kw, 42-03-53/
Verdi	47	K47KJ-D	PR<140w				

Midland	19	K19HH-D	122-28-41 (3Abn) PR>260w, 42-05-50/ 121-37-59	Fillmore	27	K48ED	40/ 111-26-07 AF DCC 10w, 39-02-10/ 112-19-31
Redmond	6	NEW-LP	AF dismissed	Garfield	39,	K39FT,	DR 184w
Salem	52	KXPD-LP	PR<28.2kw		41,	K41EB,	
The Dalles	18	K18HH	QC from K61BX		45,	K45BY,	
The Dalles	31	K31HZ	QC from K66AH, 1.03kw, 45-42-43/ 121-06-58		47,	K47AB,	
					49,	K49AG,	
				Garfield Co.	51	K51AH	
Pennsylvania					16,	K16EQ,	DR 100w,
Altoona	41	W41CF	FC; sold by TBN		18,	K18FT,	38-32-30/ 112-04-20
Darby	36	W36DO-D	DG from W55BT, 7.5kw, 39-56-08/ 75-12-17; CL from Wilmington, Delaware		20,	K20GE,	
					22,	K22FT,	
					24,	K24FD,	
					26,	K26GD,	
					28,	K28GM,	
Philadelphia	42	WTFX-DT	PC>1000kw/ 281m, 40-02-26/ 75-14-19	Garfield Co.	55	K55KE-D	NW 4w, 37-45-21/ 111-52-27 (KUED-7)
Philadelphia	45	WELL-CA	QC from ch. 8, Willow Grove; 50kw; 40-02-19/ 75-14-14W	Heber City	29	K35EW	AF DCC 10w, 40-33-45/ 111-28-30
Philadelphia	54	WPHL-DT	FC to WCSN (World Championship Sports Network) on - HD2.	Henefer	23,	K10AY,	AF DCC 10w, 40-58-40/ 111-26-07
					25,	K12AY,	
					32	K06IM	
				Huntsville	51	K51JC	QC from K50EB, 400w
				Juab	22	K22EC-D	DG 680w
				Kanab	24,	K07ES,	AF DCC 10w, 37-03-35/ 112-31-12
Tennessee					25,	K20EC,	
Chattanooga	28	WRNG-LP	PC>139kw		27	K05AX	
				Manti	24,	K24HJ-D,	NW 10w, 39-19-24/ 111-46-26 (DCC)
Texas					26,	K26IH-D,	
Belton	38	KNCT-DT	PG 200kw/ 360m, 30-59-08/ 97-37-51		28,3	K28JN-D,	
					0,	K30JI-D,	
					32,	K32HS-	
					394	K39IW-D	
Corpus Christi	34	KYDF-LP	QC from ch. 64, 14kw, 27-47-59/ 97-23-30	Orderville	27	K30CP	AF DCC 4w, 37-22-26/ 112-32-08
DeWalt	34	KUVM-CA	PG<28.29kw; PC				
Flour Bluff	46	K53JW	QR from ch. 53, 8.25kw	Peoa	25	K28GW	AF DCC 10w, 40-43-21/ 111-21-49
Fredericks-burg	44	KHPF-CD	DG 40w				
Laredo	19	KLDO-DT	NW 5kw/ 109m, 27-39-53/ 99-36-25	Richfield	31,	K31JI-D,	NW 20w, 38-38-06/ 112-03-34 (DCC)
					32,	K32HU-	
					33,	K33JF-D,	
					34,	K34JA-D,	
Lubbock	14	KMYL-LP	PC>28kw		39,	K39JF-D,	
Lubbock	48	K48GB	PC>24.3kw		58,	K58IR-D,	
Nacog-doches	18	KYTX-DT	NW 640kw/ 457m		59	K59IS-D	
Paris	49	KPTD-LP	XG 33-36-59/ 95-33-16	Samak	24,	K07US,	AF DCC 4w, 40-37-56/ 111-15-34
San Angelo	44	K44FJ-D	DG 3kw		25,	K09VF,	
					29,3	K33HP,	
					0	K38HV	
Utah				Scipio	27	K08DP	AF DCC 10w, 39-12-09/ 112-08-35
Alton	24,	K13DR,	AF DCC 4w, 37-22-26/ 112-32-08				
	25	K09NV		Sigurd	16,	K16HE-	NW 4w, 38-52-37/ 111-52-32 (DCC)
Blanding	43	K43IN	NW 300w, 37-50-22/ 109-27-42 (KRMJ-18)		20,	K20JA-D,	
					22	K22HY-D	
Coalville	21,	K09DP,	AF DCC 10w, 40-55-26/ 111-23-50	Springlen	51	K51IC-D	DG 130w
	23,	K11DW,		Torrey	55	K55KG-D	NW 10w, 38-17-00/ 111-30-36
	25,	K13DP,					
	29,	K28IP,		Wanship	21,	K06JH,	AF DCC 10w, 40-48-32/ 111-23-41
	303	K26DS,			25,	K10KO,	
	1,	K35HH,			30,3	K31HG,	
	32	K24GF			2	K33HQ	
Echo	30	K35FZ	AF DCC 10w, 40-58-	Woodland	24,	K46CT,	AF DCC 10w, 40-34-

	30	K50AC	01/ 111-14-32
Vermont			
Rutland	20	W20CS	QG from W69AR, 610w (has also filed to convert to DTV on ch. 20)
Virginia			
Charlottesville	14	W14CY	NW 15kw, 38-28-44/ 78-24-58
Onancock	39, 30, 34	W39CS, W30CI, W34DN	QC from W44AD, W41AC, W60AL
Washington			
Hoquiam	47/4 KDNH-LP/LDFC?, sold by Daystar 9		
Odell	42	K42IO	NS 25kw, 45-41-09/ 121-27-54 (Daystar)
Pullman	46	KPMT-LP	PR>22kw, 46-48-41/ 116-55-03
Richland	36	KBWU-LD	NW 6.5kw
Tacoma	27	KBTC-DT	PC 45kw/ 235m, 47-16-44/ 122-30-42
Yakima	58	K58DL	FC; sold by 3Abn

West Virginia			
Clarksburg	64	W64CZ	PG 2kw, 39-17-53/ 80-17-59
Wisconsin			
Racine	48	WJJA-DT	PR 30kw/ 298m
Racine	49	WJJA	PR>2040kw/ 298m, 43-06-42/ 87-55-50 (both analog and DTV to WDJT-58 tower, Milwaukee)
Sheboygan	29	W29DJ	QG from W16BS, 43kw, 43-31-14/ 87-56-11
Waukesha	47	WTAS-LP	QG from ch. 43, 39.7kw; QC
Wyoming			
Evanston	50	K50DR	FC; sold to KJZZ-14
La Barge	29	K29HV-D	NW 250w, 42-09-27/ 110-19-39
Rawlins	51	K51IZ	QC from K56AV, 230w, 41-40-48/ 107-14-12

("T or C", New Mexico is "Truth or Consequences")

Thanks to John Zeis for information elsewhere in this month's column.

The Chilocco, Oklahoma stations are an experimental operation, operated by Oklahoma State University under military contract.

FCC records show they also requested operations on VHF channels 2, 4, 5, 7, 9, 12, and 13 with 1.258kw on the low-band channels and 1.3366kw on the high-band frequencies. And, for highly-directional operations (using the VHF equivalent of a 4-bay) on channels 2 and 4 with 3.802kw (beaming 330° and 0° respectively) and channel 5 with 6.607kw at 290°.

A second set of VHF experimental applications were filed for Artesia, New Mexico. The same channels were requested, except for channel 11 instead of 12, and with the directional tests beaming 330°, 270°, and 290° respectively on channels 2, 4, and 5.

I see no record of either set of VHF applications being approved, nor of any UHF operations in New Mexico. Another record suggests the New Mexico site amended its application to specify channels 2, 6, and 7. (dropping the rest)

If you also read my blog or *Monitoring Times* column, you know a set of AM and FM experimental operations were also recently authorized at these two sites. The New Mexico site was listed as "Flying H", which is a few miles west of Artesia.

It is strongly suspected what is being tested is a mobile broadcasting station for deployment in war zones.

You may remember a few years back where LPTV station KZND-6 in Anchorage, Alaska was operating as a FM radio station. Channel 6 analog TV audio is on 87.75MHz (+/-10kHz) and can be received on most FM radios.

More recently, WNYZ-LP, also on channel 6 but in New York City, has also been operating as a radio station, in Russian.

But now, WNYZ seems to have taken it to a new level. In mid-October, DXers began reporting this station at considerable distances – well into Connecticut and Delaware. It seems the stations' signal is as powerful as the "real" radio stations in New York, if not even more powerful. The sound volume is reported comparable to that of "real" radio stations. The station is received in stereo on FM radios – something that

wouldn't happen if the TV stereo system was in use.

Maybe most intriguing of all, the station is reported operating not on 87.76MHz where it should be, but on 87.9. DXers with digital receivers are finding it centered on that channel, and they're hearing the audio of WPVI-TV channel 6 in Philadelphia on 87.74MHz, far more than 20kHz below WNYZ-LP.

- Excessive power?

The maximum power permissible for an analog LPTV on channel 6 is 3kw. (the rule doesn't say whether that means aural or visual! - but I'd interpret the limit to apply to both.) "Real" FM stations in NYC operate about 6kw – from higher antennas.

It is difficult to compare station powers by ear. It seems likely WNYZ is running excessive power, but it's impossible to say so for sure.

- Overmodulating?

Again this is difficult to determine conclusively by ear. 100% modulation for a FM station is 75kHz; for analog TV audio it's 25kHz. A TV station which, received on a FM radio, is as loud as "real" radio stations would be modulating 300%, well in excess of the rules.

- Using the "wrong" stereo standard?

The way I interpret the rules, a station must use the BTSC TV stereo standard if it uses 31.5kHz as the stereo subcarrier. If it doesn't use 31.5kHz then it's free to run any stereo system it wants. The stereo subcarrier in the FM radio standard is 38kHz. It sounds to me like it's legal for WNYZ to use the FM stereo standard.

- Off-frequency?

This seems pretty much certain. A LPTV station on an offset channel (WNYZ is assigned to plus offset) must keep its visual carrier within 1kHz of the assigned frequency. In addition, it must keep its aural carrier within 1kHz of 4.5MHz above the video.

So if the video carrier was 1kHz high, and the aural-visual difference was also 1kHz high, and considering that WNYZ is authorized by the FCC to operate 10kHz high... the highest the WNYZ aural carrier could legally be is 87.75MHz + 0.012MHz or 87.762MHz. It is in fact another 138kHz higher, on 87.900.

It will be interesting to see how long this lasts. Surely the FCC is well aware of the situation?

This month's column is a bit short. The FCC CDBS database went down on October 11th. (I'm writing on the 26th) It's not entirely clear whether the outage is intentional. That date was shortly before the opening of a filing window for non-commercial FM radio permits, a window that was expected to draw thousands of applications. As of this writing the CDBS is not yet back up.

Applications for new stations or technical changes at existing changes cannot be processed for this column without access to the CDBS database. Without it, I can know that a station applied to make a change, but I can't know what facilities it applied for!

Grants of applications (presuming the applications were filed before the 11th) and applications for license-to-cover previously-approved changes can still be processed (because the technical details were already in the CDBS) and appear this month.

It doesn't seem that this should affect call sign changes, but I'm not finding any of those newer than last month's column either. (even though I'm definitely aware of some call changes among FM stations)

Presumably we'll be able to print the rest of the information in next month's *VUD*.

Good DX!



KUTP Phoenix



WDAF Kansas City DT-34





FM NEWS

From WTFDA.info and w9wi.com



BILL HALE, 6124 ROARING SPRINGS DR, N. RICHLAND HILLS TX 76180
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NOVEMBER 2007 [9/20/07 TO 10/16/07]

INDEX OF ABBREVIATIONS

AF	applied for (a new station)	OSA	one step application granted for change
AFA	American Family Association	PA	proposed amendment change to FM allocation table
aux	Auxiliary antenna (backup)	PC	power change on the air (> = increase, < = decrease)
CC	call letter change (> = change to)	PG	power change granted (> = increase, < = decrease)
CL	city of license change	PR	power change requested
CX	a construction permit has been cancelled	QC	frequency change occurred
C1-C5	change in status to that FM license class	QG	frequency change granted
DA	directional antenna	QR	frequency change requested
DE	station has been deleted	RA	silent station returns to the air
FC	format change (> = change to)	RE	station requests an extension on permit
GA	granted amendment to table of FM allocations	ROA	request of applicant
GE	granted extension of construction permit	RX	station requests replacement of expired permit
GX	granted replacement of expired permit	SC	slogan change or update
LC	license to cover filed (ready to come on air)	SI	station is silent
MC	multiple-city ID	SOA	signed on the air
NC	no change yet on a reported change or permit	XA	dismissed amendment to FM allocations
ND	non-directional antenna	XC	transmitter site change occurred
NO	not on the air	XG	transmitter site change granted
NS	new station granted	XR	transmitter site change requested
NW	new station signs on		

--- CANADA ---

BC	Enderby	104.3	NEW	NS 210w; to relay CKXR-FM	ON	Ottawa	101.9	NEW	AF 10 kw/50 m; soft adcon
BC	Powell River	105.3	NEW	AF *denied*; for CKAY-FM relay here	ON	Ottawa	104.7	CIIO-FM	PR >1 kw/83 m
BC	Salt Spring Island	102.1	NEW	AF 10 w/595 m, 48-46-00/123-30-32; folk, denied	ON	Ottawa	101.7	NEW	AF 5.46 kw/105 m; French community
BC	Salt Spring Island	107.9	CFSI-FM	NS 340 w-H/216 m, 48-50-34/123-30-43; "special interest"	ON	Ottawa	101.9	NEW	AF 200 w/79 m; French version of CIIO-104.7; TIS
BC	Sicamous	102.1	NEW	NS 200w; to relay CKXR-FM	ON	Ottawa	101.9	NEW	AF 10 kw/70 m; news/talk
NB	Edmundston	97.3	NEW	AF 7w/163m; to relay CFYX-FM 93.3 Rimouski, QC	ON	Sarnia	103.9	NEW	AF 200 w/59 m for relay of CHOK-AM; previously authorized but not with these parameters
NS	Eastern Passage	94.7	CFEP-FM	PG >1.4 kw	ON	Stella	92.1	CJAI-FM	QG from 93.7
NS	Hallifax	107.7	CIRH-FM	QR from 97.9, 1 kw/152 m	QC	Amqui	92.7	NEW	AF 900 w/203 m; to relay CFYX-FM 93.3 Rimouski
ON	Apsley	92.9	NEW	AF 50 w/25 m, religious	QC	Chandle	98.3	NEW	AF 1.38 kw/11 m; to relay CHNC-107.1
ON	Bolton	105.5	CJFB-FM	NS 50w-V/16m, 43-52-46/79-44-19; "eclectic adult contemporary"	QC	Gaspe	92.7	NEW	AF 1.577 kw/71 m, French pop & talk
ON	Brockville	106.5	NEW	AF 3 kw/101 m, 44-38-25/75-37-08, to relay CBO-FM Ottawa (CBC Radio 1)	QC	Gaspe	99.3	CHGM	QR from 1150 AM, 468w/ 73 m; (relay of CHNC-107.1)
ON	Caledon	102.7	CFGM-FM	granted change from non-commercial to commercial	QC	Gatineau	101.9	NEW	AF 250w/5 m; French campus station
QC	Carleton	99.1	NEW	AF 790 w/395 m; to relay CHNC-107.1	QC	New Carlisle	107.1	CHNC	QR from 610 AM, 6 kw/ 169 m
ON	Kingston	96.3	CFMK	FC > classic rock	QC	Perce	107.3	NEW	AF 1.2 kw/326 m; to relay CHNC-107.1
ON	Kingston	104.3	CFFX	FC > soft AC	QC	Riviere-au-Renard	92.7	NEW	AF 50w/-16 m; to relay station on same frequency in Gaspe
ON	Ottawa	101.9	NEW	AF 10 kw/50 m; blues (!)	SK	Melville	98.5	NEW	AF dismissed; for relay of CJJC-FM Yorkton
ON	Ottawa	101.9	NEW	AF 450 w/18 m; French religious	SK	Prince Albert	92.5	CJLC-FM	NS 46 w-V/-2 m, 53-11-51/105-42-31; religious (owned by a Lutheran church but to carry masses?)
ON	Ottawa	99.7	NEW	AF 8 kw/100 m; alternative					
ON	Ottawa	99.7	NEW	AF 8 kw/84 m; religious talk, news, some French and ethnic programming					
ON	Ottawa	99.7	NEW	AF 10 kw/101 m; adult alt					

- - - UNITED STATES AND TERRITORIES - - -

AL	Heflin	91.7	WPIL	PG >23 m				106-08-38	
AL	Northport	100.5	WJOX	PR 69 kw/309 m	DE	Bethany Beach	95.9	WOSC	NS 2.8 kw/107 m
AL	Thomasville	90.1	WDLG	PG >10 kw/205 m, 32-07-34/ 87-44-02	DE	Bethany Beach	95.9	WOSC	AF 2.8 kw/107 m (aux)
AK	Ester	93.5	KDJF	PG >472 m, 64-52-52/ 148-03-05	DC	Washington	98.7	WMZQ-FM	NW 4.2 kw/180 m, 39-00-00/ 77-03-26 (aux)
AK	Ester	93.5	KDJF	PR <25 kw/481 m, 64-52-45/ 148-03-14	DC	Washington	100.3	WBIG-FM	NS 4.1 kw/180 m, 39-00-00/ 77-03-26 (aux)
AK	Seward	105.3	KSWD-FM	QC from 105.9, 4 kw/-436 m, 60-09-39/149-23-24	FL	Chassahowitzka	96.7	WEKJ-LP	QC from 99.9, 28 m, 28-42-39/ 82-34-05; CL from Homosassa
AK	Yakutat	103.9	NEW	NS 170 w/16 m, 59-33-12/ 139-44-47	FL	Clermont	88.7	WMYZ	NS 1.15 kw/100 m (aux)
AZ	Claypool	97.3	KIKO-FM	QR from 106.1	FL	Clermont	88.7	WMYZ	PG >7.2 kw-V/114 m
AZ	Lake Havasu City	104.5	KZUL-FM	PC <230 w	FL	Cocoa Beach	101.1	WJRR	NW 9 kw/391 m (aux)
AR	Bearden	92.1	NEW	NS 5.5 kw/104 m, 33-41-23/ 92-38-52	FL	Cocoa Beach	104.1	WTKS-FM	NW 9 kw/391 m (aux)
AR	Camp Verde	104.3	KAJM	PR 40 kw/807 m, 34-13-47/ 112-21-03; CL from Payson	FL	Flagler Beach	100.7	WFBO-LP	CP canx per applicant's request
AR	Fayetteville	89.3	KAYH	PR >40 kw-V; dismissed	FL	Hastings	92.7	WJBT	PR 6 kw/77 m, 29-46-38/ 81-27-07; CL from Green Cove Springs
CA	Cazadero	106.3	KGRP	PC 1.62 kw/194 m	FL	Lake City	100.9	WMJB-LP	QR from 107.7, 80 m
CA	China Lake	91.1	KFRJ	PG >5.5 kw/386 m	FL	Lake City	103.3	WMJB-LP	QR from 107.7, ?w/80 m
CA	Dunsmuir	100.1	KZRO	PR >14 kw/630 m, 40-54-23/ 121-49-39	FL	Lake City	107.7	WMJB-LP	QR from 103.3
CA	Encinitas	102.1	KPRI	PR 30 kw/193 m, 32-50-24/ 117-14-52	FL	Marianna	88.3	WJNF	FC; sold to Way FM
CA	Guadalupe	105.5	KRTO	CC; FC >Spanish oldies, then > country	FL	Miami	89.7	WMCU	FC; sold to Minn. Public Radio; to be classical
CA	Hanford	103.7	KRZR	NW 9 kw/137 m (aux)	FL	Orlando	100.3	WRUM	NW 9 kw/391 m (aux)
CA	Indian Wells	95.9	KAJR	FC > Adult Hits	FL	Orlando	105.1	WOMX-FM	NW 4.4 k w/391 m (aux)
CA	Inyokern	88.5	KZLU	PG >1 kw/396 m	FL	Pensacola	107.3	WYCL	PR 50 kw/488 m, 30-36-40/ 87-36-27
CA	Lompoc	105.1	KIDI-FM	CC; FC > regional Mexican	FL	Port St. Joe	88.5	WDBW-LP	XR 29-48-35/ 85-17-44
CA	Los Angeles	98.7	KYSR	NW 17.6 kw/342 m (aux)	GA	Atlanta	89.3	WRFG	PC 65 kw-H/148 m, 33-48-26/ 84-20-22
CA	Los Angeles	101.1	KRTH	FC > classic hits	GA	Bainbridge	101.9	WBGE	PR 6 kw/100 m, 31-00-33/ 84-25-16
CA	Oceano	94.1	KLMM	PR 340 w/418 m, 34-53-52/ 120-35-21; CL from Morro Bay	GA	Brunswick	104.9	WBHS-LP	QC from 106.7
CA	Penngrove	105.7	KQSL-LP	PR 106 m, 38-18-26/122-42-53	GA	Cusseta	103.7	WBOJ	PR 4.8 kw/227 m, 32-27-29/ 84-53-08
CA	Pollock Pines	93.3	KJDX	PG <2.05 kw/175 m, 38-45-24/ 120-33-13	GA	Doraville	95.5	WBTS	PC 40 kw/432 m
CA	Redding	88.9	900129	AF dismissed; (State of Oregon)	GA	Ellijay	101.1	WLJA-FM	QG from 93.5, 84 m
CA	Redding	88.9	KFPR	NS 1.3 kw/457 m, 40-39-14/ 122-31-12; (CSU Chico) (NS or PG?)	GA	Plainville	104.9	NEW	NS 1.8 kw/185 m, 34-20-35/ 85-02-20
CA	Redding	91.1	950327	NS 1.8 kw/447 m, 40-39-14/122-31-12; (Christian Arts & Education Inc.)	GA	Waycross	90.1	WXVS	PG 79 kw-V/277 m; (already 79 kw-H)
CA	Redding	91.1	950713	AF dismissed; (Southern Oregon University)	GA	Woodbury	94.5	WFDR-FM	NW 2.75 kw/150 m, 32-50-40/ 84-37-25
CA	San Andreas	89.3	KARQ	QG from 89.5, 450 w-V/587 m, 38-07-10/120-43-27	GU	Barrigada	88.1	KHMG	PG >166 m
CA	San Bernardino	94.3	KJVA-LP	XR 34-09-32/117-18-52	HI	Captain Cook	93.1	KMWB	CC (new)
CA	San Bernardino	99.9	KOLA	FC > classic hits	HI	Hanalei	90.9	KKCR	PG >20 kw/-20 m
CA	San Bernardino	105.5	KCFM-LP	CX, DE	HI	Honolulu	97.5	KHCM-FM	CC
CA	San Diego	102.9	KLQV	PR 30 kw/193 m	HI	Kilauea	91.9	KAOA	PG >4.5 kw/481 m
CA	Tahoe City	89.7	950718	AF dismissed; (Thomas Aquinas School)	HI	Lihue	98.1	KJMQ-FM	CC
CA	Tehachapi	88.7	KYLU	PG >390 w	HI	Wailea-Makena	96.7	NEW	NS 5.8 kw/207 m, 20-41-16/ 156-22-13
CA	Woodland	102.5	KSFM	NW 500 w/152 m (aux)	ID	Marsing	89.1	KAWS	NW 8.75 kw-V668 m, 43-00-25/ 116-42-13; (CSN)
CO	Canon City	104.5	KSTY	PC <8.6 kw	ID	Middleton	88.7	KTYF-FM	CC (new)
CO	Colorado Springs	95.1	KATC-FM	AF 2.15 kw/636 m (aux)	IL	Arcola	107.9	WXET	PC 3.6 kw/130 m, 39-52-43/ 88-11-51
CO	Denver	95.7	KPTT	PC <346 m	IL	Atlanta	96.3	WLCN	PG >6 kw
CO	Denver	103.5	KREFX	PC >346 m, 39-43-59/ 105-14-10	IL	Chicago	89.3	WKKC	PC 280 w-H/210 w-V/34 m, 41-46-48/87-38-38
CO	Durango	89.3	990318	AF dismissed; (San Juan College)	IL	Lincoln	89.5	WLNX	QG from 88.9, 2.8 kw/58 m, 40-11-35/89-23-16
CO	Durango	89.3	990505	NS 200 w/98 m, 37-15-44/ 107-53-58; (KUTE Inc.)	IL	Macomb	100.1	WKAI	PG >24.4 kw
CO	Fort Collins	101.3	KKNZ-LP	QR from 101.5	IL	Monee	88.9	WOTW	PG >54 m,41-24-48/ 87-46-03
CO	Grand Junction	107.9	KBKL	PG >470 m	IL	Rantoul	95.3	WLFH	FC > country
CO	Gypsum	102.5	KQZR	PR 1.75 kw/660 m, 39-44-18/106-47-58	IN	Charlestown	104.3	WLRX	FC; sold to K-Love
CO	Placerville	90.7	KTEI	PC >449 m (but drops V and goes H-only)	IN	Loogootee	88.7	WBHW	PC >5.3 kw/146 m, 38-34-05/ 87-12-46
CO	Rye	89.7	KJWA	CC	IN	Marion	94.3	WIWU-LP	PG <2 5 m, 40-31-15/ 85-39-59
CO	Rye	90.9	KRWA	CC	IN	North Manchester	89.5	WBKE-FM	PR dismissed ROA
CO	Security	105.5	KRDO-FM	PC >1.6 kw-H/1.47 kw-V/ 682 m	IN	Richmond	89.3	WZRP-FM	CC
CO	Strasburg	97.7	980420	NS 25 kw/100 m, 39-42-50/ 104-11-50; (Mary V. Harris Foundation)	IN	Speedway	100.9	WYJZ	FC > CHR;"Radio Now 100.9"
CO	Strasburg	97.7	NEW	AF dismissed; (JPI Radio; CSN Intl.)	IA	Decorah	88.7	KLNI	PG >1.5 kw/55 m, 43-18-56/ 91-47-18
CO	Walden	94.1	KEZZ	PR <6.5kw-H/10 m, 40-40-03/ 104-11-50; (Mary V. Harris Foundation)	IA	Hodge	94.1	KRLO	NW: FC > classic country
					IA	Treynor	95.3	KCSI	PG 22.5 kw/105 m, 41-14-43/ 95-41-32; CL from Red Oak
					KS	Dodge City	95.5	KOLS	FC > oldies
					KS	Haven	97.1	KGGG	PG >18.5 kw/251 m, 37-48-01/ 97-31-29; CL from Hutchinson

KS	Hays	91.7	KZAN	PG >7.5 kw/114 m, 38-57-29/ 99-21-07	NV	Indian Springs	103.1	KURR	PR <572 m, 36-37-15/115-57-31; drop V and go H-only; CL from Hurricane, Utah
KS	Ingalls	96.3	KERP	CC; FC > country					
KS	Kingman	100.3	KTCM	FC > country // KXKU-106.1					
KS	Topeka	100.3	KDVV	PG >451 m	NV	Las Vegas	91.5	KUNV	PR >18.5 kw/1161 m, 35-57-55/ 115-29-59 dismissed
KY	Crab Orchard	102.9	WPBK-FM	CC					AF dismissed (KYCC)
KY	Fort Thomas	97.3	WYGY	PR >25 kw/100 m, 39-01-28/ 84-30-44	NV	Reno	89.7	951113	NS 5 kw/-1 m, 39-34-20/ 119-47-51; (Board of Regents)
KY	Grand Rivers	99.1	WCBL-FM	PG >20 kw/85 m, 37-02-00/ 88-22-10	NV	Reno	89.7	951127	PG <1159 m
KY	Hazard	90.9	WEKH	PG >100kw-V; (drops 31 kw-H)	NH	North Conway	103.7	WPKQ	NW 50 kw/107 m (aux)
KY	Owingsville	107.7	WKYN	CC	NH	Portsmouth	100.3	WHEB	PG 25 kw/100 m, 39-22-35/ 74-33-44
LA	Angola	91.7	KLSP	FC > contemporary Christian	NJ	Atlantic City	107.3	WPUR	FC > ethnic
LA	Hodge	94.1	KRLQ	FC > classic country	NJ	Hazlet	89.3	WDDM	PG >1.36 kw-H/13.5 kw-V
ME	Eastport	91.7	WSHD	Silent	NJ	Ocean City	91.3	WRTQ	NS 19 kw/245 m (aux)
ME	North Yarmouth	98.9	WCLZ	req. CL from Brunswick	NJ	Trenton	101.5	WKXW	PR >420 m, 35-36-22/ 108-41-26; CL from Grants
ME	Standish	91.5	WSJB	silent	NM	Church Rock	103.7	KYVA-FM	PG >27 kw-V/202 m
MD	Ocean City	104.7	WQHQ	NS 20 kw/81 m, 38-23-12/ 75-17-27 (aux)	NM	Farmington	88.9	KNMI	PR >384 m
MD	Ocean City	106.9	WRXS	FC; sold to WYPR-88.1	NM	Gallup	93.7	KXXI	PR <85 kw/420 m, 35-36-22/ 108-41-26
MA	South Yarmouth	103.9	WKPE-FM	FC > CHR	NM	Gallup	94.5	KKOR	CC
MA	Worcester	90.5	WICN	PG >13 kw-H/18.2 kw-V	NM	Gallup	101.5	KGRP-FM	CC (new); UNM
MI	Bear Lake	100.7	WCUZ	PR >25 kw/100 m, 44-31-56/ 85-59-47	NM	Las Vegas	91.9	KRRE-FM	CC (new); UNM
MI	Cheboygan	105.1	WGFM	PG 43 kw/295 m, 45-10-12/ 84-45-04	NM	Socorro	88.7	KBOM-FM	PG >1.4 kw
MI	Custer	93.3	NEW	AF 6 kw/100 m, 44-03-28/ 86-08-46	NY	Cortland	90.5	WSUC-FM	PG 26 kw/208 m
MI	Detroit	97.1	WXYT-FM	CC; FC > sports // WXYT-1270	NY	Cortland	99.9	WIII	PG 3.1 kw/141 m, 40-51-18/ 72-46-11
MI	Detroit	97.1	WXYT-HD2	CC; FC > news // WWJ-950	NY	Manorville	92.9	WEHM	QR from 95.9, 850w/265 m, 42-23-13/76-40-11; CL from Dundee
MI	Jackson	94.1	WVIC	FC > soft AC	NY	Odessa	95.5	WFLR-FM	CC
MI	Manistique	92.7	WPIQ	QG from 99.9, 48 m	NY	Schuyler Falls	90.9	WOXR-FM	FC > sports
MI	Mount Pleasant	91.5	WMHW-FM	PC >13 kw-V/140 m	NC	Creedmoor	99.9	WCMC	CC (new)
MI	Saugatuck	92.7	WYVN	FC > classic hits	NC	Garysburg	103.1	WNCM-FM	CC
MN	Ada	106.5	KRJB	QC from 106.3, 100 kw/138 m	NC	Roanoke Rapids	95.9	WEZU-LP	PG <352 m,46-36-20/100-48-24
MN	Eagle Lake	94.1	KXLP-FM	CC	ND	Bismarck	92.9	KYYY	PR <2 kw/175 m, 39-06-25/ 84-05-50; CL from Ripley
MN	Lake Crystal	95.7	KOYK	FC > rock	OH	Amelia	99.5	WAOL	FC > hot AC
MN	Mankato	89.7	KMSU	PG 16.8 kw/133 m	OH	Canton	94.1	WHBC	CC
MN	New Ulm	93.1	KATO-FM	CC; FC > country	OH	Chillicothe	89.3	WZCP-FM	PR 4.8 kw/80 m
MN	St. Louis Park	104.1	KZJK	PC >100 kw	OH	Chillicothe	106.5	WSRW-FM	CC
MN	St. Paul	94.5	KSTP-FM	FC > Hot AC	OH	Cleveland	92.3	WKRK-FM	CC
MN	Vernon Center	94.1	KXLP	NW 3.8 kw/127 m, 44-10-20/ 94-02-23, rock (takes format from former KXLP-93.1)	OH	Cleveland	92.3	WKRK-HD2	FC > oldies
MS	Brandon	104.3	WSKM-LP	QR from 104.1, 32-17-20/ 90-02-39	OH	Edgewood	102.5	WZOO	PG > 20w
MS	Cleveland	92.9	WDTL-FM	silent	OH	Fairborn	106.9	WWSU	CC; has CP to Salt Lick, KY req. CL from Canton
MS	Drew	95.3	WRKG	silent	OH	Georgetown	97.7	WKCA	CC
MS	Tunica	96.1	WIVG	PC 4.1 kw/246 m	OH	Munroe Falls	98.1	WKDD	CC
MS	Union	104.1	WZKS	PG >26 kw/180 m, 32-29-51/ 88-53-14	OH	West Union	89.5	WZWP	PA, class A
MO	Asbury	103.5	KWXD	classic rock	OK	Antlers	104.7	NEW	Class C3; deleted on FCC's own motion
MO	Columbia	107.9	KLJE-LP	NW 100w/29 m, 38-58-37/92- 19-19; religious format	OK	Boswell	104.3	NEW	PR <82 m, 36-50-42/101-12-15 PA; class A
MO	Lamar	101.7	KHST	FC > country	OK	Guymon	99.5	KRBG	QG from 100.9, 25 kw/77 m, 36-46-59/97-04-15
MO	Leadwood	107.1	NEW	NS 2 kw/174 m, 37-48-01/ 90-33-48	OK	Hugo	105.1	NEW	PR >23.5 kw/103 m, 36-02-51/ 96-06-59
MO	Liberty	91.9	KWJC	PG>7 kw/190 m, 39-07-23/ 94-23-24	OK	Ponca City	100.7	KPNC	PG 3.4 kw/135 m, 33-59-25/ 95-46-48
MO	North Kansas City	107.3	KMJK	PC <299 m, 39-05-40/94-05-47; CL from Lexington	OK	Sapulpa	100.9	KXOJ-FM	QG from 98.1
MO	Willard	105.1	KOSP	FC > AC	OK	Stillwater	101.1	KVRO	PC <82 kw
MT	Alberton	105.5	KERT-FM	CC	OK	Woodward	101.1	KWOX	PG <84 kw
MT	Bozeman	89.3	KLBZ	NW 7 kw-V/207 m, 45-57-25/ 111-22-11 (K-Love)	OR	Woodward	101.1	KWOX	PA from 94.1; to accommodate 94.3 in Government Camp
MT	Dixon	97.9	KCTD-LP	QC from 104.7, -316 m, 47-18-33/114-17-52	OR	Bend	92.9	KXIX	PA, class A
MT	Great Falls	90.7	KGFA	PG >2.3 kw	OR	Butte Falls	105.9	NEW	PG >10 kw/-10 m, 43-22-07/ 124-12-11
MT	Hamilton	96.3	KBAZ	PC <50 kw/637 m	OR	Coos Bay	91.3	980810	QG from 88.5, 7.5 kw/299 m, 44-45-24/124-02-53
MT	Montana City	98.5	KHLN-FM	CC	OR	Gleneden Beach	88.1	KQAC	PA from Tillamook; class C2 (from C)
MT	Pablo	102.1	KCTP-LP	QC from 106.7, -107 m, 47-35-47/114-06-39	OR	Government Camp	94.3	KTIL-FM	PG >94 m, 45-51-57/119-18-42
MT	Stevensville	104.5	KKVU	FC > Hot AC	OR	Hermiston	100.1	KQFM	PA, class C3
NE	Lincoln	102.7	KBZR-FM	CC	OR	Netarts	94.3	NEW	GA, class C3; Applicant requested 93.1, but that conflicts with 92.9 at Bend.
NE	Lincoln	106.3	KFRX-FM	CC	OR	Prineville	107.7	NEW	PA from 92.7; to accommodate 92.9 in Bend
NE	Omaha	88.9	KVSS	NW 500 w/71 m, 41-18-43/ 96-00-13 (aux)	OR	Sunriver	94.1	KRXF	PA from Butte Falls
NE	Paxton	93.5	KZTL	FC > country	OR	Talent	92.9	NEW	XR 45-38-58/121-16-25
NE	Sutherland	100.7	KRNP	FC > Rock	OR	The Dalles	92.7	KMSW	XR 45-38-58/121-16-25
NE	Valley	94.9	KRKR	PG <6 kw/100 m, 41-16-06/ 96-11-40; CL from Lincoln	OR	The Dalles	97.7	KACI-FM	silent
NV	Boulder	102.7	KFRH-FM	CC	PA	Beaver Falls	90.9	WITX	

PA	Cambridge Springs	104.5	WXZO	FC > adult hits // WOXX-99.3	TX	Lubbock	93.7	KXTQ-FM	XC 33-30-08/101-52-20
PA	Centre Hall	99.5	WLTS	FC > adult hits	TX	Lufkin	100.1	KYBI	PG 20.5 kw/240 m, 31-20-05/94-40-10
PA	Chambersburg	93.3	WROG	QR from 102.9	TX	Markham	104.5	NEW	AF 6 kw/100 m, 28-51-18/96-02-06
PA	Coatesville	89.3	WRTJ	PG 460w-V/88 m, 40-01-26/75-48-48	TX	Missouri City	102.9	KLTN	req. CL from Houston; to accommodate KPTY's move to Deer Park
PA	DuBois	107.3	WDBA	FC > contemporary Christian adult hits // WXZO-104.5	TX	Morton	91.9	961206	FC; permit sold to K-Love
PA	Franklin	99.3	WOXX	CX, DE	TX	Nolanville	107.3	KLFX	PC <1.35 kw/167 m, 31-05-38/97-34-51
PA	Greenville	88.1	WTGP	PR >90w-V/193 m, 40-03-03/75-53-40 dismissed ROA	TX	Normangee	107.7	NEW	PA, class A, withdrawn
PA	Morgantown	89.7	980512	AF 17.5 kw/173 m, 40-02-37/75-14-32 (aux)	TX	Oakwood	107.9	NEW	PA, class A, withdrawn
PA	Philadelphia	106.1	WISX	FC > CHR	TX	Pasadena	88.1	KFTG	PC >700 w-H/660 w-V/57 m, 29-41-18/95-12-07
PA	Pittsburgh	93.7	WZTN-FM	AF 16.5 kw/173 m (aux)	TX	Pittsburg	100.5	KLNA-LP	XG 33-01-11/95-05-00
PA	Reading	102.5	WRFY-FM	PG >7.4 kw	TX	Port Isabel	101.1	KNVO-FM	CC
PA	Scranton	89.9	WVIA-FM	PG >1 kw/214 m	TX	Winters	96.1	KGXL	CC
PA	Summerdale	91.7	WJAZ	QR from 91.7, 5.5k w/64 m, 40-14-15/76-02-53; dismissed	UT	Cedar City	92.1	KXBN	QG from 92.5, 95 kw/532 m, 37-38-43/113-22-22
PA	Wyomissing	91.9	WYTL	FC > religion	UT	Cedar City	94.9	KCIN	PG >5 kw/514 m, 37-38-43/113-22-22
RI	East Greenwich	91.5	WRJI	FC > country	UT	Park City	91.9	KPCW	PG >6 kw/0 m
SC	Charleston	96.9	WSUY	Southern Gospel // WXRI-91.3	VT	Bennington	94.3	WBTN-FM	FC > news/talk // WVPS-107.9
SC	Chesterfield	89.3	WRFE	NW 25 kw-V/84 m, 34-19-53/79-33-37 (AFR)	VT	Burlington	107.9	WVPS	FC > news/talk
SC	Dillon	90.5	WDLL	CC; PC 2.55 kw/156 m, 34-53-57/80-25-46	VT	Rutland	88.7	WRVT	FC > news/talk // WVPS-107.9
SC	Pageland	102.3	WGSP-FM	PG >598 m	VT	St. Johnsbury	88.5	WVPA	FC > news/talk // WVPS-107.9
SC	Spartanburg	98.9	WSPA-FM	FC > rock	VT	Windsor	89.5	WVPR	FC > news/talk // WVPS-107.9
SD	Deadwood	95.1	KSQY	QG from 100.3, 51 kw/ 162 m, 44-18-30/100-20-49	VT	Woodstock	93.9	WMXR	FC > Talk
SD	Fort Pierre	100.1	KJBI	PR >2 kw/60 m	VI	Christiansted	104.9	WMNG	PR >30 kw/230 m
SD	Sioux Falls	94.5	KCFS	CC (new)	VA	Charlottesville	107.5	WCJZ	FC > adult hits
TN	Pigeon Forge	106.3	WPFT	QR from 94.1	VA	Chase City	90.1	WMVE	NW 8 kw/113 m, 36-46-29/78-20-41 (// WCVE-88.9; NPR)
TN	Sewanee	105.7	WMTN-LP	PG 5 kw/330 m, 36-02-50/86-49-49	VA	Clifton Forge	103.9	WXCF-FM	PG 530w/310 m, 37-47-36/79-55-57
TN	Spring Hill	88.7	WAYM	PA from Caldwell, to class C3, dismissed; contingent on grant of KKLB's move to Caldwell, which was denied	VA	Colonial Heights	95.3	WKHK	PR >47 kw/156 m, 37-26-22/77-26-01
TX	Bedias	107.3	KHTZ	PA, class C3; counterproposal to 107.9 Oakwood, withdrawn	VA	Farmville	91.3	WMLU	FC > news
TX	Bedias	107.7	NEW	NS 100 kw/237 m (aux)	VA	Fort Lee	96.5	WKLR	NW 38 kw/110 m (aux)
TX	Benbrook	107.1	KDXX	FC > oldies	VA	Nassawadox	90.1	WJCN	PG >50 kw/90 m, 37-47-05/75-36-16
TX	Brownwood	91.7	KHPU	PA from Madisonville	VA	Spotsylvania	89.5	WWED	FC > Bluegrass
TX	Caldwell	101.3	KKLB	dismissed; conflict with proposal for same frequency in Rosebud	WA	Gig Harbor	89.9	KGHP	FC > Americana
TX	Cason	92.7	KWSK-LP	XR 33-03-40/94-48-14; CL from Daingerfield	WA	Longview	90.3	KWYQ	PC >400 w-V/272 m
TX	Dallas	90.9	KCBI	PG 82 kw/508 m, 32-35-19/96-58-05	WA	Mount Vernon	89.7	KMWS	QC from 90.1, 1.5 kw/36 m, 48-32-30/122-17-43
TX	Deer Park	104.9	KPTY	PR >8.8 kw/29 8 m, 29-45-26/95-20-19; CL from Missouri City	WA	Mount Vernon	89.7	KMWS	PC >1.5 kw/36 m, 48-32-30/122-17-43
TX	Denton	99.1	KFZO	NW 1.2 kw/243 m, 33-19-42/97-03-56 (aux)	WV	Beckley	88.1	WJJJ	NW 1.05 kw-V/322 m, 37-35-20/81-06-52
TX	Detroit	104.3	NEW	Class C2; proposed for deletion - conflict with Boswell, Okla. - but retained since Boswell deleted	WV	Moorefield	101.7	WELD-FM	PC 280 w/455 m, 38-58-58/78-54-30; CL from Petersburg
TX	Dilley	106.1	NEW	PA, class A	WI	Madison	99.1	WIDE-LP	NW 100 w/11 m, 43-04-04/89-25-32
TX	Eldorado	104.9	KLDE	FC > oldies	WI	Manitowoc	102.3	WQTC-FM	PC >4.45 kw
TX	Eldorado	106.5	KERT	CC (new)	WI	Mukwonago	92.9	WFAQ-LP	NW: Variety
TX	Harper	99.1	NEW	PA; class C3	WI	Sarona	106.3	WPLT	PR 3.4 kw/134 m, 45-40-28/91-58-52; CL from Spooner
TX	Hebronville	101.7	KEKO	silent	WI	Wautoma	102.3	WAUH	FC > classic hits
TX	Holliday	100.9	KWFB	PG <18.5 kw/91 m; 33-49-42/98-40-13	WY	Douglas	92.5	KDAD	NW 5.4 kw/972 m, 42-16-05/105-26-33; oldies
TX	Huntington	101.9	KSML-FM	PG 18.5 kw/252 m; 31-20-05/94-40-10	WY	Gillette	88.9	KLOF	PG <440 w/121 m
TX	Iola	107.7	NEW	AF 6 kw/100 m, 30-40-42/96-09-30	WY	Hudson	105.1	KTUG	PG >25 kw/89 m, 42-52-17/108-24-55
TX	Kenedy	92.1	KTNR	FC; sold to Hispanic Christian Community Network	WY	Jackson	91.1	KMWY	CC (new); Moody Bible Institute
TX	Kerrville	106.1	KKVR	FC > oldies	WY	Laramie	98.7	KUSZ	PG >25.5 kw/208 m, 41-17-46/105-53-30
TX	Leander	98.9	KHHL	PC 29 kw/157 m	WY	Pine Haven	99.1	KWAP	PR 28 kw/486 m, 44-28-35/104-26-54
					WY	Wamsutter	94.7	KRAN	PR >25 kw, 41-33-25/108-11-37
					WY	Wamsutter	104.3	KYPT	PR <43 kw/159 m, 41-39-24/109-09-32

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PHOTO NEWS



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November 2007

EVEN BETTER IN COLOR! CHECK OUT THE eVUD

More from Steve Rich of Indianapolis, IN:



WBNX-DT-30 Akron, OH
 253 mi Tr seen 8/13/07



WDBJ-DT-18 Roanoke, VA
 374 mi Tr seen 8/14/07



WKBN-DT-41 Youngstown, OH
 298 mi Tr seen 8/13/07



WLFB-DT-14 Bluefield, WV
 323 mi Tr seen 8/14/07



WOWK-DT-47 Huntington, WV
 232 mi Tr seen 8/14/07



WPGH-DT-43 Pittsburgh, PA
325 mi Tr seen 8/13/07



WQED-DT-38 Pittsburgh, PA
327 mi Tr seen 8/13/07



WSWP-DT-53 Grandview, WV
310 mi Tr seen 8/14/07



WYMT-DT-12 Hazard, KY
248 mi Tr seen 8/14/07



WYTV-DT-36 Youngstown, OH
299 mi Tr seen 8/13/07

Not much tropo seen here recently. Just one opening to Dallas and one to the Rio Grande Valley. Hopefully, things will improve.

73's,
Jeff

SPECIAL OFFER FOR WTFDA MEMBERS ONLY!

This offer is for WTFDA members ONLY *and is good until December 31, 2007.*

Jeffrey Kitz, creator of the Kitztech KT-100VG preamp is offering the amp to WTFDA members for a special reduced price.

This amp can be purchased by Paypal or by mail for only **\$40.00 plus \$6.60** shipping. (Regular price is \$50.00 plus \$8.00 shipping).

The Kitz amp has adjustable gain from zero to +20db.
The noise figure is 1db or less throughout its range.

Jeff accepts Paypal at kitztech@vbe.com. You can order by mail by sending \$46.60 to:

Kitz Technologies
531 N. Main St.
Oshkosh, WI 54901

This is the same amp Jeff offers on eBay at the higher price. The people I've emailed give it a good review. I find the amp shows me DTV signals that my CM AP-4700 will not. I can see these scatterly signals so I know the amp is working and that I'll see these stations with a bit of tropo enhancement.

Note: Do not order through his website. To get the reduced price send money direct to kitztech@vbe.com and mention WTFDA when you do. *Mention WTFDA when ordering by mail also..*

The KT-100VG is a variable gain broadband low noise amplifier for television. It is designed to improve reception on HDTV, UHF, VHF and FM channels. The KT-100VG is designed with state of the art circuitry which combines extremely low noise and low distortion for superb reception. Because of its very low noise figure, it can give mast-mounted performance from inside the house. The KT-100VG also provides a variable gain control to give you just the right amount of signal for your system. Many amplifiers on the market today have too much gain, too much noise and way too much distortion. Compare our specifications to the name brands and see for yourself. We are also selling this amplifier with a 10 day right of return. If it does not improve your reception you may return it, within 10 days, for a refund minus the shipping charges.

Bandwidth 40 Mhz - 1000Mhz
Noise Figure: 1 db or less across the band
Gain: Adjustable from 0 - 20 db
Output IP3: >+32dbm
Input/Output Impedance: 75 ohms
Diecast Aluminum Case
DC power supply included
Warranty: 1 Year



SOUTHERN FM DX



John Zondlo
4009 Driftwood Circle
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NM, NC, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico
November 2007

John Cereghin – KB3LYP – FM29eh – 38 S. Carter Road – Smyrna, DE 19977 –
jcereghin@gmail.com

Kaito KA1103, plus the standard in-dash radio in a 2000 Ford Taurus (a proud member of the Dashboard DX Society!), indoor rabbit ears and roof-mounted discone (plus a few homebrewed antennas- always experimenting!)

9/24 Tr (A great night with a lot of weaker, local stations making it in)

2040 WRSF 105.7 NC Columbia, "Dixie 105.7," k 227
2047 WZPR 92.3 NC Nags head, "Wilbur 92.3," k 227
2100 unID 88.1 NJ ??, either WNJS Berlin (20 watts @ 50 miles) or WNJT Trenton (110 watts @ 82 miles) with New Jersey Network/NPR programming, but no specific ID for any station, just the group ToH listing all the NJN outlets, could've been either or both stations

9/25 Tr

2115 WNCT 107.9 NC Greenville, 275

9/26 Tr

1930 WVBH 88.3 NJ Beach Haven West, REACH-FM network, CCM, 100w 74

10/1 Tr (Great opening to New England! Got all these with rabbit ears)

2130 WTKK 96.9 MA Boston, talk, Laura Ingraham program 305
2135 WBMX 98.5 MA Boston, "Mix 98.5" 299
2145 WZLX 100.7 MA Boston, 305
2155 WEEI 103.7 RI Westerly, Fox Sports Radio 248
2205 WBCN 104.1 MA Boston, New England Patriots football game 305
2220 WWLI 105.1 RI Providence, "Southern New England's Lite Rock 105" 268
2230 WROR 105.7 MA Framingham, 305
2240 WMJX 106.7 MA Boston, "Magic 106.7," soft r 305
2255 WBRU 95.5 RI Providence, r 272

10/2 Tr (the New England opening was still there the next morning)

0835 WBCI 105.9 ME Bath, presumed, Christian programming, Charles Stanley, matches their website schedule, logged in the car 424
0850 WGBH 89.7 MA Boston, NPR, good ID, logged with the car radio 299



From the Editor

A big welcome to new member John Cereghin, our lone reporter this month.

Now perhaps some of the folks on the east coast have already experienced this, but I noticed something recently that could make DXing quite interesting here, at least until more stations add IBOC. Using the Radiosphy HD-100 during good (though not exceptional) conditions to the Dallas-Fort Worth area, I was able to totally wipe out a couple of my analog locals with digital signals from DFW. KZPS 92.5 rolled over local 100kw KOMA with both their HD-1 and HD-2 signals, and KBFB 97.9 blew out 6kw WWLS. I imagine that during a good skip opening to the east coast, with all of the IBOCers there, I should be able to get rid of a number of my local stations. Both KOMA and WWLS were unaffected by the DFW signals on my analog Akai tuner. KOMA, and it's fellow Renda stations here, KMGL 104.1 and KRXO 107.7, are all equipped for IBOC and used it for a few weeks, but have since turned it off. Here's hoping they keep it that way til next summer!



Eastern U.S. TV DX

Featuring reports from AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, and WV, along with the Canadian Provinces of NB, NF, NS, ON, PEI, and PQ.

Send reports by the 15th of each month to:

Nick Langan
 1040 Riverview Drive
 Florence, NJ 08518
 E-mail: nickl@wtfda.org

The Editor's Note

Tropo wasn't extremely widespread during October, but where it happened there was some long-haul activity, including in New England and near the Gulf Coast. With the weather still feeling more like late August than mid-Fall in many locales, the chance for trop still exists, but the probability will be greater the farther south you head as November moves along. Who knows, maybe Winter E-Skip will pop up in spots this month. As always, best of luck!

Thomas Yingling 221 Pinewood Road
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 Equipment:
 Sony SAT-HD200 DirecTV/Cable/HDTV
 Receiver
 Sony SAT-HD300
 Samsung DTB-H260F Set Top Box
 Ensignia NS-5HTV 5 Inch Hand Held TV with
 16:9 Screen
 6 Foot Channel Master Dish
 Channel-Master 114 Quantum VHF Antenna

5/11 Es

0900-1200 WRLB 3 GA
 KATC 3 LA
 KTBS 3 LA
 KTBX 3 TX
 3 KS KSN
 3 IA
 KELO 3 SD

9/4 Tr

2200-0000 WMDT-DT 53 MD
 WHYY 12 DE
 WDPB-DT 44 DE
 WBFF-DT 46 MD Good V
 WPPX-DT 31 DE
 WBOC-DT 21 MD FOX 21
 KYW-DT 26 PA
 WCAU-DT 67 PA
 WMCN-DT 44 NJ
 WWSI-DT 48 NJ
 WGTW-DT 27 NJ
 WNJS-DT 47 NJ
 WMBC-DT 18 NJ
 WUVP-DT 66 NJ
 WMGM-DT 36 NJ

9/5 Tr

0000-0400 WFPT-DT 28 MD
 WHP-DT 4 PA

WITF-DT 36 PA
 WGAL-DT 58 PA
 WLYN-DT 23 PA
 WGCB-DT 30 PA
 WPMT-DT 43 PA

10/5 Tr

2000-0000 WVIR-DT 32 VA
 WHTJ-DT 46 VA
 WNVT-DT 30 VA
 WFDC-DT 15 VA
 WVEC-DT 41 VA
 WHRO-DT 16 VA
 WHSV-DT 49 VA
 WPXW-DT 43 VA
 WTVZ-DT 38 VA
 WTKR-DT 40 VA
 WTVR-DT 25 VA

10/6 Tr

0000 WRLH-DT 26 VA
 WHUT-DT 33 DC

Says Thomas: "Hi there, lots of HDTV DX in this Fall. I have been trying to get a report to the last few months, but always missed the deadline every time.

(More on his equipment) A few different brand name computer HDTV receivers by Hauppauge mostly for non-DX use. The best one I first used was the WinTV-D. For my Apple Power Box & Mac Mini I use Eye-TV Models 200 & 500. They work the best.

73s to Next Time.
 Tom Yingling, KA3TCC."

FCC Consumer Advisory

The DTV Transition and LPTV/Class A/Translator Stations

The digital television (DTV) transition refers to the switch from analog to digital broadcast television. Congress has mandated that after February 17, 2009, full-power television stations will stop broadcasting in analog, and will continue broadcasting in digital only. While the majority of consumers in the U.S. can receive the programming of full-power over-the-air stations, there are three other categories of broadcast TV stations – “low power,” “Class A,” and “translator” stations. There is currently no statutory deadline for these stations to convert to digital broadcasting.

The FCC established low-power television (LPTV) service in 1982 to provide opportunities for locally-oriented television service in small communities. These communities may be in rural areas or may be individual communities within larger urban areas. More than 2,100 licensed LPTV stations are in operation. LPTV programming can include satellite delivered programming services, syndicated programs, movies, and a wide range of locally-produced programs.

Class A TV stations are former LPTV stations that have certain interference protection rights not available to LPTV stations. These stations are technically similar to LPTV stations, but unlike LPTV stations must air at least three hours of locally-produced programming each week and comply with most of the non-technical regulations applicable to full-power stations. Approximately 600 licensed Class A TV stations are in operation.

A TV translator station rebroadcasts the programs of a full-power TV broadcast station. Translator stations typically serve communities that cannot receive the signals of free over-the-air TV stations because they are too far away from a full-power TV station or because of geography (such as uneven terrain or mountains). Many of the 4,700 licensed TV translator stations operate in mountainous or more remote areas of the country.

There are several ways to determine whether the broadcast stations you view over-the-air (with a rooftop antenna or "rabbit ears" attached to your TV) are LPTV, Class A or TV translator stations. Class A stations are required to visually or aurally identify their stations with their community of license and call sign (that includes the suffix “-CA” for Class A) at sign on, sign off, and on an hourly basis. LPTV stations also must regularly identify their station call sign. When locally originating programming, they must visually or aurally identify their call sign and community of license at sign on, sign off, and hourly. LPTV call signs may consist of four letters followed by the suffix “-LP” (for low power) or, alternatively, five characters beginning with the letters K or W followed by two numbers (their operating channel) and two additional letters.

Also, some TV translators are identified by the full-power TV stations whose signals they rebroadcast. Further, LPTV, Class A, and TV translator stations may regularly broadcast information as to their status, and may include information regarding the DTV transition. While the February 17, 2009 deadline for ending analog broadcasts does not apply to low power, Class A, and TV translator stations, the FCC will require these stations to convert to digital broadcasting sometime thereafter. Nearly 2,000 of these stations have been authorized to construct digital facilities and some are broadcasting in digital already. The FCC is currently considering the remaining issues involved with the low-power digital transition and will make decisions regarding these stations in the future.

For more information about the DTV transition, go to www.dtv.gov or contact the FCC by e-mailing dtvinfo@fcc.gov; calling 1-888-CALL-FCC (1-888-225-5322) voice or 1-888-TELL-FCC (1-888-835-5322) TTY; faxing 1-866-418-0232; or writing to:

Federal Communications Commission
Consumer & Governmental Affairs Bureau
Consumer Inquiries and Complaints Division
445 12th Street, SW
Washington, DC 20554.

Viewers in the dark on digital switch

Lawmakers scold U.S. regulators who can't decide who's in charge of educating the public on the transition from analog TV in 2009.

By Jim Puzzanghera, Los Angeles Times Staff Writer
October 18, 2007

WASHINGTON -- Digital television offers crystal-clear pictures, but the federal government's efforts to educate the public about the industry's switch in early 2009 is drawing heavy static from some lawmakers and broadcasters.

Although the federal government has mandated that all TV stations turn off their analog signals and broadcast only in digital starting Feb. 18, 2009, congressional investigators have found that no agency is in charge of the complex transition. And Congress warned officials from the Federal Communications Commission and the Commerce Department on Wednesday that they needed to get their act together quickly or millions of Americans who rely on over-the-air TV could see their sets go dark.

"Instead of a digital revolution, we may find ourselves in a digital disaster," said Senate Commerce Committee Chairman Daniel K. Inouye (D-Hawaii).

A federal program to provide subsidized converter boxes so people with older sets would still be able to watch broadcast TV is supposed to start Jan. 1, 2008. But lawmakers heard Wednesday that it might not be ready, even as the TV industry airs ads announcing the date and retailers such as Best Buy Co. are lining up to participate.

And a recent poll by the Assn. of Public Television Stations found that although public awareness of the digital transition was improving, 51% still had "no idea" it is taking place.

People with new digital or high-definition sets will have no problem, and neither will those who get their broadcast stations through cable or satellite. But millions of households that rely on antennas could be in trouble unless they upgrade to a digital set or a converter box.

The number of households that rely on over-the-air signals ranges from 13% to 20%. Many of those people are poor, elderly, minorities or live in rural areas, and the federal government plans to focus on educating them.

At a House subcommittee hearing Wednesday, Rep. Edward J. Markey (D-Mass.) told FCC Chairman Kevin J. Martin that he should be the quarterback for the transition.

But Martin didn't want the ball. Although the FCC is trying to coordinate major aspects of the transition, Martin noted that Congress put the Commerce Department in charge of the \$1.5-billion converter box program. And he said an interagency task force would require a White House directive, which he didn't expect.

The National Assn. of Broadcasters this week announced its own consumer-education plan valued at \$698 million, including public-service announcements and notices running across the bottom of TV screens during newscasts.

But John Lawson, president of the public television association, said the federal government must do more. Although Congress has allocated \$5 million to the Commerce Department to educate the public, Lawson said at least \$20 million more was needed.

John M.R. Kneuer, head of the National Telecommunications and Information Administration at the Commerce Department, told the House subcommittee that converter boxes from two manufacturers, **LG Electronics and Digital Stream USA**, had been certified by the government and more were expected.

Each household will be eligible for two \$40 coupons to offset the purchase of no-frills converter boxes expected to cost about \$60.

The Commerce Department will start accepting coupon applications Jan. 1. But Kneuer told senators that the boxes might not be in stores by then, and coupons will not go out until they are available.

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As of Oct 26, 2007

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