



VHF-UHF DIGEST

The Magazine for TV and FM DXers

November 2015



Image Courtesy: Paul Mitschler

REPACKING PLANS MOVE FORWARD. COULD THIS BE A NEW THREAT TO TV DXING?

TROPO CONTINUES IN THE MIDWEST

The Official Publication of the Worldwide TV-FM DX Association



METEOR SHOWERS

Taurids

SEP 7 - DEC 10

Leonids

NOVEMBER 5 - 30



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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, KEITH MCGINNIS AND MIKE BUGAJ.



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The Mailbox

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November 2015

Once again seasons change and this year the leaves are mostly still on the trees here in New England but the colors are beginning to fade and this leads me to the fact that last weekend I met with Ryan Grabow, our publisher, here at my house for a little while on his way from Portland, ME back to Long Island. Ryan was up here doing some leaf peeping. So if your VUD is late this month (and it most likely will be), that's the reason.

October was an interesting month. The FCC issued its repacking report for TV revealing how much it will pay stations to either share their channel with another station, move from UHF to VHF, move from VHF hi to VHF low or just go off the air completely. The part that strikes me the most is that they intend to eliminate everything above channel 30.

And then later in October, the FCC issued their plan for AM revitalization, part of which includes allowing certain AM stations to broadcast on FM using translators. For DXers, none of this is good news.

Then there is the analog TV shutdown in Mexico. The country is supposed to be completely changed to digital television by the end of December, however, concerns are now being raised that the country isn't ready and some people are asking for a delay. You saw this coming, didn't you? We'll find out what happens next month. Meanwhile, analog stations in four Mexican states shut down on October 29th.

MEMBERS AND MORE

This month we welcome Marvyn Carlson to the WTFDA. Marvin lives up in Calgary, Alberta. We also welcome back Marcus (Ed) Barboni. Ed was gone for a long time and we're glad to see him return.

During the period of Sept 30th through Oct 26th we received renewals from Robert Williams (ID), Jim Renfrew (NY), Doug McAbee (MI), Robert Seaman (PA), David Macke (MD), Ryan Grabow (FL), Larry Weil (NH), Les Prus (VA), Steve Solomon (MA), Chris Kadlec (KR) and Steve Branch (IL). Thanks you all for your support of the WTFDA.

Just as an aside, the month of October is one of the two times of the year when we can really get a handle on just how many members we have in the WTFDA because we only have a few people renewing in October (unlike July, for example, when there are dozens). We appear to be up at around 190-195 members at this time.

Dennis Smith sent in his renewal and commented "I hope this renewal without the printed renewal form is okay. I do not have an operating printer." Yes, that's fine. Some people just put a check in an envelope with nothing else and mail that. No problem.

That is all for November. We will see you next month. -Mike



TV News

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November 2015

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
CX	Canceled	PR	Power change requested
DC	Converted to DTV	RA	Returns to the air
DCC	Digital Companion Channel	QC	Channel (?frequency??) change on the air
NS	Granted flash-cut to DTV	QG	Channel change granted
DCC		QR	Channel change requested
DE	License/permit deleted	RE	Reinstated (previously-dismissed app.)
DR	Requests flash-cut to DTV	ROA	Request of Applicant
FC	Programming (?format??) change	SI	Off the air (? silent ??)
FTP	Failure to Prosecute	STA	Special Temporary Authority
GA	Granted amendment (to table of channel allotments)	XC	Transmitter site changed
LC	License to Cover	XG	Transmitter site change granted
MX	Mutually Exclusive	XR	Transmitter site change requested
NDA	Non-directional antenna	lpdtv	Low Power Digital TV
NS	Permit granted for new station	DRT	Digital Replacement Translator
DG	Granted conversion to DTV		

News:

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



New Brunswick
Upsalquitch

12 **CKAM-TV** *CX*



Puerto Rico
Utuaado

28 W32AJ

AF 500w, 18-17-02/ 66-43-35; DCC for analog 32



USA



Alabama

Montevallo

19 WOTM-LP DC 1.8kw, 33-09-00/ 86-49-18

Moody

38 WBMG-LD DR 10kw, 33-29-04/ 86-48-25



Alaska

Fairbanks

22 K22EY

PR>15kw



Arkansas

El Dorado	23 KLMB-LP	DR 500w; DG; DC
Jonesboro	38 K38OR	PC<2kw, 35-53-25/ 90-40-25; PR>15kw, 34-59-22/ 89-51-45
Jonesboro	45 K45CD	PC<2kw, 35-53-25/ 90-40-25
Paragould	26 K26MF	PC>6kw, 35-32-36/ 90-29-47; XR 35-12-53/ 90-11-41



California

Big Bear Lake	6 KZNO-LP	PC<500w, 33-57-41/ 117-16-47
Eureka	14 K14QL	AF 15kw, 40-43-42/ 123-58-17; DCC for K10FS
Newberry Springs	6 K06IQ	DC 208w
Redding	10 KMCA-LD	PR>125w, 40-32-35/ 122-30-00
Redding	50 K50GP	DR 6kw
Riverside	25 KBLM-LP	PR>5kw, 33-47-48 / 117-37-19
Turlock	4 KBIS-LD	PR<100w



Colorado

Fort Collins	16 KBRO-LD	PC>15kw
Pueblo	16 K16KA	XC 37-56-40/ 104-59-54



Florida

Crestview	43 WGOX-LD	PR<4kw, 30-51-48/ 87-30-55
Gainesville	25 WFEO-LD	PR<1kw, 30-16-34/ 81-33-51 (Jacksonville)
Jacksonville	12 WJKF-CA	DC from 9, 3kw
Sebring	38 WALM-LD	PR<1kw, 27-29-37/ 81-24-58
Tallahassee	48 W48DV	PR>15kw



Georgia

Augusta	27 W27DY	PR>15kw, 33-55-38/ 81-29-45 (Batesburg, SC)
Dublin	21 W21DA	NW 6kw, 32-31-26/ 82-55-23 (King Forward)
Swainsboro	43 W43CY	NW 800w, 32-32-35/ 82-18-07 (King Forward)
Valdosta	35 WBVJ-CD	DC 1.5kw



Hawaii

Honolulu	48 KHHI-LP	PC<500w, 21-20-19/ 157-53-56
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Idaho

Lewiston	21 K21CC	DC 200w
Nampa	42 KCDL-LD	PR>15kw, 43-35-40/ 116-08-35
Soda Springs	31 K51HM	QC from 51



Illinois

Mount Vernon	42 W42EM	XC 38-29-23/ 89-47-17; PR<5kw, 38-34-27/ 90-19-31
Mount Vernon	48 W48EH	XC 38-23-18/ 89-15-19; XR 38-29-22/ 89-47-17
Springfield	23, W23DX, 45 W45DK	PC>6kw, 39-19-27/ 90-02-27; PR>15kw, 38-34-28/ 90-19-31



Indiana

Evansville	33 W33CU	PR>6kw, 37-36-50/ 88-52-20
Lafayette	31 W31DP	PR<10kw
Terre Haute	28 W28DZ	PR>15kw, 39-53-40/ 86-12-21



Iowa

Des Moines 24 KRPG-LD NW 15kw, 41-49-48/
93-36-54

Des Moines 28 WBXF-CD DC from 4, 10kw

Fort Dodge 28 K28NF NW 1kw, 42-40-18/ 94-
09-11 (DTV America)

Fort Dodge 36, K36MR, NW 15kw, 42-40-18/
45 K45MM 94-09-11 (DTV America)

Fort Dodge 28, K28NF, PR 6kw

Fort Dodge 36, K36MR,
45 K45MM

Fort Dodge 45 K45MM XR 42-16-13/ 93-56-33



Kansas

Topeka 38, K38MN, PR<6kw

46 K46MA



Kentucky

Bowling Green 35 WCTZ-LD PR>6kw, 36-49-54/ 86-
29-39



Louisiana

West Monroe 38 KMCT-TV PR 20kw/92m



Maine

Harpwell 14 W14DA DC 14.5kw



**Michigan
Ishpeming**

10 WBUP PC>9kw/235m, 46-29-
26/ 87-53-36



Minnesota

Minneapolis 43 KMBD-LD PR<10kw



Mississippi

Clarksdale 45 W45ED XC 34-23-33/ 90-22-49;
PR>15kw, 34-59-22/
89-51-45

Lumberton 33 W33DT PR>15kw, 29-55-12/
90-01-28 (WEZB 97.1
tower, Gretna, La.)



Missouri

Columbia 27 K27MG XC 38-49-23/ 91-11-00

Columbia 29 K29KV XC 38-41-33/ 90-39-56;
PR>15kw, 38-34-27/
90-19-31

Jefferson City 32 K32KV PR>15kw

Joplin 20 K20KY PR<6kw; NW 10kw, 37-
03-13/ 94-42-12 (DTV
America)

Joplin 27, K27LA, PR<6kw; NW 15kw, 37-
45, K45LR, 03-13/ 94-42-12 (DTV
47 K47NH America); XR 37-04-44/
94-14-21

Joplin 38 KIAP-LD PR>6kw



Montana

Missoula 7 KPAX-TV XC 47-01-02/ 114-00-47



Nebraska

Lincoln 31 K31LI PR<2kw, 41-04-15/ 96-
13-31 (KXVO/KPTM
tower, Omaha)

Lincoln 32 KAJS-LD PR>15kw

Lincoln 41 K41LP PR<5kw, 41-04-15/ 96-
13-31 (KXVO/KPTM
tower, Omaha)

North Platte 11 KIIT-CD DC 220w

Sidney 7 KDUH FC to NBC // KNOP-2;
CL from Scottsbluff



New Mexico

Caballo 31 K31DR DC 1.5kw

Raton 43 K43GW DC 450w



North Dakota

Fargo 23 K23LB NW 15kw, 47-00-45/
97-11-41 (Frank Digital
Broadcasting)



Ohio

Canton 21 W21DI PR>2kw



Oregon

Sunriver 24 K24JE XC 43-52-25/ 121-30-11



Pennsylvania

Reading 24 W24CS DC 7w



South Carolina

Florence 19 W19DX NW 15kw, 34-11-19/
79-11-00
Florence 22 W22EQ NW 3kw, 34-22-02/ 79-
19-48



South Dakota

Pringle 39 K39LT PC>4.346kw



Tennessee

Jackson 50 W50EH PR>6kw
Murfreesboro 11 WETV-CD DC 1w



Texas

Amarillo 15 KCIT PC<455m
Austin 34 K34FM DC 15kw

College Station 34 KZCZ-LD XR 31-05-12/ 96-59-01
(Rosebud); XC 30-47-
21/ 96-43-12
Dayton 5 KTDJ-LP PR>3kw, 29-46-36/
94-54-27 (Baytown)
**Fort Worth 41 KXAS-TV PR 950kw/ 497m,
32-35-06/ 96-58-05**
San Antonio 23 KTDF-LP FC; sold to City of San
Antonio
San Antonio 47 KSSJ-LP DR from 42, 6kw,
29-41-05/ 98-26-58



Utah

Logan 5 K05MN NW 750w, 41-53-35/
112-04-40 (EICB-TV East)



Washington

Colville 9 K09UP DC 50w
Ellensburg 23 K23KI XR 47-20-52/ 121-18-20
Prosser 34 K10NQ NW 1.37kw; DCC for
analog 10



Wisconsin

Milwaukee 38 WBWT-
LP DC 13.4kw



Wyoming

Cheyenne 13 KCHY-LP XR 41-06-00/ 105-00-23
Sheridan 13 KSGW FC to NBC // KCWY-13

KDUH's move from Scottsbluff, Nebraska to Sidney is for strictly legal reasons. It moves the station into a different TV market, making certain co-ownership situations legal. There are no known plans for technical changes.

CKAM-TV is located in an isolated area without utility power. It generated its own power with on-site generators. A staff of two was required to keep the generators and transmitter running. The station believes that, in an average week, 200 persons watch this station over the air.

The fuel to power the station cost \$118,000 in 2014. One of the two engineers at the site is retiring, and the other has decided to seek other opportunities.

FM Facilities Report

November 2015

Check FM Database at <http://db.wtfda.org> for technical data, formats, slogans and RDS Data for Individual Stations not shown in this Monthly Report.

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

AB	Drumheller	91.3	CKUA-FM-13	PR<22kw
AK	Galena	88.1	KIYU-FM	QR from 97.1
AK	McGrath	89.5	KSKO-FM	CC for NS
AK	Scammon Bay	91.9	KYUP	NW90w/1m,61-50-22/165-33-53
AK	Seward	90.7	KSVJ	PR<527m,60-06-07/149-26-14
AL	Albertville	101.5	W268BT	PG>130w,34-15-52/86-16-44 to relay CBCV-FM Victoria
AL	Andalusia	93.7	WAAO-FM	QC from 103.7, 5.5kw/104m
AL	Andalusia	93.7	WAAO-FM	QG_from_103.7
AL	Birmingham	103.1	W276BQ	XR33-29-02/86-48-21
AL	Gadsden	98.1	W251BV	10w,34-01-54/86-00-36, (WLIS 91.9)
AL	Heflin	89.1	WKNG-FM	PC>1kw/228m
AL	Montgomery	107.1	W296AI	PC>99w,32-22-04/86-15-42
AL	Montgomery	94.5	WUMO-LP	CC for NS
AR	Bryant	93.3	KKSP	PR>22kw/107m,34-44-37/92-19-07
AR	Dermott	92.7	NEW	AF,25kw/100m,33-35-58/90-22-58
AR	Dermott	92.7	NEW	AF,175w/1005m,33-17-20/110-49-45
AR	Fort Smith	102.3	KGDA-LP	CC for NS
AR	Heber Springs	101.9	NEW	AF_9kw/165m,35-34-55/91-55-44
AR	Hermitage	107.9	NEW	AF_6kw/100m,33-24-15/92-08-09
AR	Springdale	98.9	KMRW-LP	PR,47m,36-08-51/94-11-26
AR	Springdale	98.9	KMRW-LP	PR,47m 36-08-51/94-11-26 dismissed
AR	Van Buren	101.1	K266BS	NW250w,35-26-51/94-21-54
AZ	Central Heights	97.3	NEW	AF,175w/1005m,33-17-20/110-49-45
AZ	Douglas	91.7	KRMC	PG 6kw/-38m,31-20-48/109-33-28
AZ	Mesa	99.1	KQCX-LP	CC from KOWO-lp
AZ	Oracle	97.9	K250AN	PC<5w,32-26-29/110-46-55
AZ	Oracle	97.9	K250AN	PG<5w,32-26-29/110-46-55
AZ	Oracle	97.9	K250AN	PR>250w,32-14-56/111-06-59
AZ	Payson	98.9	KPIH-LP	NW,147m,34-15-13/111-18-39
AZ	Phoenix	101.9	K270BZ	XR,33-20-05/112-03-40
AZ	Show Low	99.7	KPKX-LP	PR>30m,34-13-14/110-01-49
AZ	Show Low	99.7	KPKX-LP	QG from 99.3,30m 34-13-14/110-01-49
AZ	Somerton	99.9	KYMZ	CC for NS
AZ	Tucson	91.7	KVAN-LP	CC for NS
AZ	Tucson	99.1	KTDT-LP	NW, 50w/-42m, 32-13-36/110-58-14
AZ	Tucson	92.5	K223CI	PR>250w,32-09-07/110-55-31
BC	Ucluelet	92.7	NEW	NS50w/27m,
CA	Anza	96.3	KOYT-LP	PR>100w, 33-33-21/116-40-58 dismissed
CA	Arcata	96.7	KZZH-LP	CC for NS
CA	Bakersfield	98.1	K251BY	PC>250w,35-20-53/119-00-33;CL from Wasco
CA	Citrus Heights	99.5	KLVB	AF460w/78m,38-40-21/121-19-51(aux)

CA	Citrus Heights	99.5	KLVB	PG3.6kw/132m
CA	Citrus Heights	99.5	KLVB	PR3.3kw/137m,38-38-53/121-05-51
CA	Coachella	93.7	KCLB-FM	PC<1.25kw/125m(aux)
CA	Crescent City	101.1	KFDG-LP	CC for NS
CA	Desert Center	96.9	K245BL	NW10w/555m,33-39-22/115-27-09
CA	Dunsmuir	104.9	K288BH	QR from 105.5,20w,41-13-21/122-17-50
CA	Garberville	91.1	KMUD	PC>9kw/784m
CA	Indio	92.7	KKUU	PC>940w/121m,33-47-46/116-13-17(aux)
CA	Lake Isabella	95.7	NEW	AF61w/831m,35-42-21/118-33-31
CA	Los Angeles	101.5	NEW-lpfm	AF dismissed
CA	Oakland	88.9	K205BM	PG>250w,37-52-55/122-13-56; CL from San Rafael
CA	Palmdale	100.7	K264BQ	XR 34-32-51/118-12-57
CA	Porterville	97.5	K248BX	NW, 250w 36-17-10/119-05-15
CA	Sacramento	88.1	KEBR	CC from KEAR-FM
CA	San Bernardino	107.1	K296GS	NS10w/106m,34-11-51/117-17-10
CA	Santa Barbara	96.5	KZAA-LP	CC for NS
CA	Santa Cruz	103.1	K276BR	PG>10w,37-06-38/121-50-34
CA	Santa Margarita	92.9	K225BQ	XR 35-21-37/120-39-16
CA	Shasta Lake	92.7	NEW	AF,175w/1005m,33-17-20/110-49-45
CA	Ukiah	96.7	K244AH	PG<10w,39-06-57/123-13-56
CA	Victorville	96.3	K242CS	QG from K243BZ-96.5,250w,34-24-42/117-11-09
CA	Wofford Heights	98.1	NEW	AF77w/822m,35-42-21/118-33-31
CO	Akron	103.7	NEW	AF, 52kw/60m, 40-01-28/102-39-58
CO	Craig	101.1	K266BP	NW41w/181m,40-31-16/107-17-46
CO	Dolores	96.5	K243AP	PC>150w,37-21-05/108-31-06
CO	Dove Creek	103.5	NEW	AF,6.1kw/-16m,
CO	Hotchkiss	99.5	KYKL	NW,38m,29-11-32/82-04-27
CO	Lamar	105.7	KVAY	NW 230w/-9m,38-05-14/102-37-08(aux)
CO	Longmont	92.9	K225BS	PG>2502w,40-01-45/105-01-11
CO	Longmont	92.9	K225BS	NW250w,40-01-45/105-01-11
CO	Nucla	101.7	K269AB	PG<10w,38-25-12/108-23-45
CO	Rifle	100.3	K262CB	NW10w/372m,39-32-10/107-56-56
CO	Steamboat Springs	88.9	K204GK	QC_from_88.7,40-27-05/106-45-04
CT	New London	99.5	W258BI	XG 41-28-30/72-06-17
CT	Terryville	105.3	WJYC-LP	PR 2.4w/203m, 41-40-45/72-59-38
DE	Bethany Beach	103.5	WJKI	PR<75m(aux)
DE	Bethany Beach	103.5	WJKI	NW4.3kw/75m,38-34-45/75-17-04(aux)
DE	Georgetown	100.3	W262BF	PR>250w,38-42-26/75-24-19
DE	Seaford	96.3	W242AV	PR>250w
FL	DeFuniak Springs	89.7	WHDR	CX_ROA
FL	Haines City	92.7	W225CG	QR from 92.9,28-04-31/81-49-19;amendment from 225 watts;to change site and to add frequency change
FL	Immokalee	103.5	WEGI-LP	CC for NS
FL	Jacksonville	96.9	WJGL	AF 100kw/74m,30-18-00/81-45-34(aux)
FL	Jacksonville Beach	101.9	W270CD	PR>120w,30-16-34/81-33-51
FL	Jacksonville Beach	101.9	W270CD	PR<120w;amendment from 110w
FL	Miami Shores	99.5	WBUJ-LP	CC for NS
FL	Nassau Village	104.9	W285FE	QG from W231CO-94.1, 1w
FL	Ocala	97.9	WRGE-LP	NW,38m,29-11-32/82-04-27
FL	Orlando	93.5	W225CE	QR_from_92.9,250w,28-32-30/81-30-39;CL from Four Corners reinstated

FL	Ormond Beach	107.1	WZEA-LP	PR,64m,29-14-05/81-04-19; PG
FL	Ormond-by-the-Sea	95.7	WHOG-FM	PC>48kw
FL	Palatka	100.5	WDPI-LP	NW,12m,29-38-52/81-38-18
FL	Palm Beach	97.9	WRMF	XR26-34-30/80-14-31
FL	Palm Beach	97.9	WRMF	XR26-34-30/80-14-32(aux)
FL	Ponte Vedra Beach	106.5	WEZI	CC from WHJX
FL	Port St. Lucie	97.1	W246CP	NW250w,27-16-29/80-17-11
FL	St. Petersburg	99.1	WUJM-LP	CC for NS
FL	St. Augustine	101.3	W267BX	PG38w,29-53-35/81-20-45
FL	West Palm	90.9	W268CF	QR_from_101.5,50w,26-40-54/80-11-37
FL	West Palm Beach	98.3	NEW-lpfm	NS,44m 26-35-31/80-03-24
GA	Albany	96.3	WJIZ-FM	PG>79kw/248m,31-32-57/84-00-19
GA	Atlanta	99.7	WWWQ	AF48kw/319m&15kw/254m,33-44-41/84-21-36,two_(aux)
GA	Atlanta	99.7	WWWQ	NS 15kw/254m, & 48kw/319m, two aux same tower
GA	Augusta	106.3	W292EE	XG,33-36-41/81-56-30
GA	Canton	102.5	W273CT	PG 55w,34-20-21/84-23-01
GA	Dallas	106.3	WGPP-LP	PR,33-54-51/84-47-45
GA	Dallas	106.3	WGPP-LP	PG 15w/78m, 33-54-51/84-47-44
GA	Douglasville	102.1	WYRI-LP	CC for NS
GA	Ellijay	101.1	WLJA-FM	PG>21.5kw/110m,34-34-51/84-31-18
GA	Hiawassee	97.7	W248BJ	QC from W248BJ-97.5, 95w
GA	Macon	94.7	W234CQ	QG,fromW290AO-105.9,99w,32-51-04/83-36-13
GA	Macon	94.7	W290AO	QR_from_105.9,99w,32-51-04/83-36-13
GA	Maysville	100.9	NEW	AF dismissed
GA	Metter	98.5	W253BR	QG_from_W255AT-98.9,250w,32-23-56/82-02-36
GA	Milan	104.9	WMCG	PR 49kw/152m,32-22-59/83-07-08
GA	Norcross	96.5	WWXR-LP	PR<29m,33-59-11/84-21-07
GA	Norcross	96.5	WWXR-LP	PG 100w/29m,33-59-11/84-21-07
GA	Powder Springs	103.7	WJXK-LP	CC for NS
GA	St. Simons Island	92.7	WMOG	PR>7kw
GA	Tallapoosa	93.7	W229CI	QG_from_W230BY-93.9,33-39-03/85-17-41
GA	Tignall	105.3	NEW	NW 6kw/100m,33-59-22/82-46-23
GA	Tignall	105.3	NEW	NS 6kw/100m,33-59-22/82-46-23
GA	Wadley	105.1	NEW	AF dismissed
HI	Honolulu	100.7	K210DX	QC from 89.9 (KTUH)
HI	Kailua	94.5	K232EL	QR_from_94.3,10w,19-43-28/155-55-10
HI	Kawaihae	106.9	KWYI	PR 4.5kw/903m, 19-43-15/155-55-16
HI	Kualapuu	95.9	NEW	AF3.4kw/511m,20-50-41/156-54-04
HI	Kualapuu	107.1	NEW	AF dismissed
HI	Kualapuu	97.9	NEW	AF10kw/222m,21-09-38/157-01-46;amendment from 95.9,3.4kw/511m & to change site
IA	Ames	102.1	KJAS-LP	QC from 101.7
IA	Evansdale	93.5	KCVM	PG>11kw/71m,42-30-08/92-20-27
ID	Coeur d'Alene	92.5	K223AN	PR, 88w, 47-43-54/116-43-47
ID	Ketchum	88.5	KDPI	QG, from 89.3, 105w/638m,43-39-41/114-24-07
ID	Kimberly	93.5	K231CM	QC_from_94.1
ID	McCall	103.9	NEW	AF100kw/567m,43-15-02/117-14-14
ID	McCall	103.9	NEW	AF dismissed
IL	Augusta	98.5	WLSB	CC for NS
IL	Freeport	105.7	WQJT-LP	PR,42-17-01/89-37-27
IL	Freeport	105.7	WQJT-LP	100w/12m, 42-17-01/89-37-27

IL	Litchfield	106.9	W295BQ	NW 250w/102m,39-15-21/89-36-48
IL	Minier	99.7	W259CM	QG_from_W262AK-100.3,5w
IL	Normal	92.1	W221CY	PR>250w,40-30-40/88-57-15
IL	Petersburg	97.7	WQLZ	CC from WLCE
IL	Taylorville	92.7	WUSW	CC from WUSW-FM
IL	Thomasboro	103.3	WKZS	QG from 103.1,5.2kw/108m,40-09-12/88-06-56
IL	Waukegan	92.5	W221DD	QR_from_92.1,170w,42-28-29/87-50-45
IL	Chicago	88.9	WIIT	PR3w/74m,41-49-53/87-37-38
IL	Flossmoor	88.5	WHFH	PC>33m
IN	Batesville	103.9	WRBI	PC2.65kw/108m
IN	Brownsburg	98.9	WYRZ-LP	PG>22m
IN	Columbus	102.1	W271BG	PG>55w,39-14-45/85-56-16
IN	Fort Wayne	100.9	W265CY	PG>50w,41-06-39/85-11-44
IN	Frankfort	95.1	W236CR	QC_from_W290CT-105.9,100w,40-18-12/86-31-40;XG39-53-40/86-12-21
IN	Frankfort	95.1	W290CT	QR_from105.9,250w,39-53-40/86-12-21
IN	Morristown	88.1	WJCF-FM	PR<1.05kw/97m,39-42-22/85-29-41disMSed
IN	Morristown	88.1	WJCF-FM	PR<930w/111m,39-42-22/85-29-41;amendment from 1.05kw/97m
IN	Muncie	104.9	WERK	NW 3.3kw/49m,40-09-19/85-25-48 (aux)
IN	Noblesville	104.9	W285FC	QG from W232CP-94.3,39-45-36/86-00-22
IN	Noblesville	102.1	W271CA	PG>55w,40-00-38/85-49-43
IN	Plainfield	91.3	WWDL	PR>295w
KS	Abilene	106.5	KGIH-LP	NW,38m,29-11-32/82-04-27
KS	Beloit	107.5	KKSJ-LP	XR39-28-09/98-05-37
KS	Hoyt	90.9	K215DM	PR>39w
KS	Kansas City	97.7	KNIU-LP	CC for NS
KS	Liberal	91.5	KYEH	PC>3kw/79m
KS	Manhattan	93.7	K229CW	NW250w,39-12-39/96-21-09
KS	Newton	92.9	K225CD	PG>250w,38-02-39/97-22-21;CL from El Dorado
KS	Towanda	95.7	KZTF-LP	CC for NS
KT	Eubank	95.5	W238CN	QG_from_W235BU-94.9,250w,37-19-54/84-38-46;CL from Pulaski
KT	Harlan	106.7	W294BF	XR36-48-05/83-22-37
KT	Madisonville	103.3	W277CK	PR>250w,37-08-08/87-53-47
KY	Bowling Green	98.9	W255CO	PG>99w, 36-57-37/86-32-49
KY	Danville	93.5	WDPJ-LP	CC for NS
KY	Lawrenceburg	101.1	W266AN	PG>250w,38-02-23/84-24-10
KY	Richmond	95.9	WKRI-LP	XG 37-43-28/84-18-37
KY	Somerset	94.3	WIJS-LP	CC for NS
LA	Heflin	105.5	KIMW	PG>100m,32-31-07/93-17-59
LA	Hornbeck	101.7	NEW	AF 4.3kw/108m,31-09-46/93-16-16
LA	Rosepine	104.1	NEW	AF,2.7kw/112m,31-00-17/93-16-40
MA	Adams	98.9	WNNI	PC>1.45kw/159m
MA	Dorchester	102.9	WBPG-LP	NW100w/14m,42-18-24/71-03-24
MA	North Adams	101.1	W266AW	PR<124m
MA	North Adams	100.1	WUPE-FM	PC 1.15kw/159m,42-41-54/73-03-54
MD	Middletown	103.1	WAFY	AF1.1kw/145m(aux)
MD	Middletown	103.1	WAFY	PG>1.1kw/145m (aux)
MD	Newark	94.9	NEW	AF4.7kw/113m,38-21-41/75-15-10
MD	Wye Mills	96.1	W241AO	PC45w/86m,39-06-47/76-00-58
ME	Portland	100.5	W263BZ	PG>250w,43-44-38/70-20-01
ME	Waterville	99.7	W259BY	PG>190w,44-29-21/69-39-07
MI	Benton Harbor	95.9	W240CZ	QG from W294BX-106.7,250w,42-04-19/86-22-15
MI	Eagle	88.5	WJOM	PR>25kw
MI	Galesburg	101.7	W269CS	NW,80w,42-15-52/85-25-47 (WSAE)

MI	Iron Mountain	107.5	W298BW	QG_from_W244AW-96.7,10w
MI	Ludington	96.3	WNOM	CC for NS
MI	Ludington	96.3	WNOM	QR from 97.7,3.4kw/93m,43-55-01/86-26-12
MI	Manistee	107.7	W300CG	PR, 250w, 44-12-40/86-17-53
MI	Muskegon	96.5	W243BH	PR>3w,43-10-30/86-13-48
MI	New buffalo	107.9	WNBI-LP	CC for NS
MI	New Baltimore	93.5	W228DE	QG_from_93.7,200w,42-43-02/82-44-16
MI	Russellville	97.3	W249CL	QR,from 97.7,32w,42-59-07/83-41-07
MI	Twin Lake	90.3	WBLV	PC>186m,43-33-08/86-02-31
MN	Baudette	94.5	NEW	AF100kw/120m,48-47-52/95-04-50; amendment to change site
MN	Duluth	90.9	W215CG	PG>99w,46-47-20/92-07-04
MN	Park Rapids	105.3	K285FB	QC from104.9;QRto94.7
MN	Pipestone	98.7	KISD	PG>330m
MN	Red Lake Falls	94.1	KTRF-FM	PG>98m
MN	Rochester	104.9	K285EL	XG,44-02-24/92-28-37; XC
MN	Slayton	106.1	KJOE	PG 10kw/330m
MN	St. Paul	98.1	KENL-LP	PG,23m,44-54-17/93-00-07
MO	Cape Girardeau	94.3	K232FF	PG250w,37-20-58/89-35-45
MO	Columbia	90.5	KMUC	CC from KWWC-FM
MO	Columbia	98.3	NEW	AF,8.4kw/123m,38-57-19/92-16-20
MO	Columbia	96.3	K242CT	QG from k296GU 107.1,250w,38-57-19/92-16-20
MO	Moberly	90.1	KBKC	PR>2.1kw/68m,39-23-31/92-27-21;
MO	Saint LAs	100.7	K264CF	QG, from 100.1, QC
MO	Shrewsbury	97.5	W248CH	PR>250w,38-34-50/90-19-45;CL from Belleville, Ill. dismissed
MO	Troy	100.7	KFNS-FM	PR<99m,39-03-11/90-59-41
MS	Cleveland	93.1	NEW	AF50kw/150m,33-56-48/90-50-58
MS	Indianola	96.9	WTCD	PG 16.5kw/267m
MS	Moorhead	92.7	NEW	AF,25kw/100m,33-35-58/90-22-58; amendment from Dermott, AR
MS	Picayune	106.1	WZRH	CC from WMTI
MS	Poplarville	99.9	W260AZ	QG from W259BH-99.7,30-38-10/89-24-41
MS	Poplarville	100.1	W259BH	QR from 99.7,30-40-10/89-25-57
MS	Redwood	105.5	WVBG-FM	PC>2.6kw/154m,32-21-30/90-48-18
MS	Summit	93.5	NEW	AF dismissed
MS	Tupelo	100.1	W261CT	QG_from_W260BJ-99.9
MS	Vaiden	95.1	WZMS	CC for NS
MS	Washington	101.1	WWUU	PG>3.7kw/129m
MT	Bozeman	88.5	KOFK-FM	CC for NS
MT	Forsyth	94.5	K233BL	XC46-18-47/106-41-50;CL from Colstrip
MT	Lima	100.9	NEW	85kw/314m,44-55-25/112-55-45
MT	Lima	100.9	NEW	AF_85kw/314m,44-55-25/112-55-45
MT	Manhattan	93.1	KPWS-LP	QG from 98.3
MT	Three Fork	107.7	KMTZ	PR<4.4kw/246m,45-57-25/111-22-11
MT	Three Forks	107.7	KMTZ	PR<1.1kw/181m,45-57-25/111-22-11;amendment from 4.4kw/246m
NB	Caraquet	94.1	CJVA-FM	PR>100kw/97m,
NC	Alarka	104.9	W286CW	QR_from_105.1,113w
NC	Asheboro	99.9	W260CG	XG,35-43-33/79-49-45
NC	Boone	95.3	W237EG	PG>30w,36-13-58/81-41-54
NC	Brevard	102.1	W271CL	NW, 250w 35-17-08/82-36-39 (WCQS)
NC	Chapel Hill	107.9	W300CE	PC>210w
NC	Fair Bluff	105.3	WODR	FC; sold to WLPJ
NC	Franklin	101.3	W267AD	PR>140w; CL from Bryson City
NC	Huntersville	100.1	W261BZ	NW250w,35-24-29/80-39-05
NC	Lumberton	89.5	WLPS-FM	PR>4kw/98m

NC	Pikeville	106.9	WRPG-LP	NW,30m,35-29-30/78-00-23
NC	Spring Hope	97.9	W250AZ	PG<210w,35-54-44/78-09-45;CL from Rocky Mount
NC	Wilson	97.3	WBIC-LP	NW 100w/29m, 35-44-11/77-58-37
NC	Winterville	107.3	WBIS-LP	PR,103m
NC	Winterville	106.9	WBIS-LP	PG11w/91m,35-32-15/77-25-06
ND	Bismarck	95.3	K237FQ	XG46-49-38/100-46-28
ND	Crary	95.3	KKWZ	PR>6kw/45m,48-21-14/99-59-31
NE	Norfolk	96.3	K242BE	PG<115w,42-01-41/97-20-25
NE	Omaha	91.9	KPDI-LP	CC for NS
NE	Scottsbluff	101.7	K269DO	PR>250w,41-50-55/103-40-02
NE	West Point	98.3	K252EG	PG>250w,41-53-44/96-48-21
NH	Rochester	105.9	WMEX-LP	PG>59m,43-16-42/71-01-34
NH	Whitefield	99.1	WNYN-FM	PR<445w
NJ	Dover	107.9	WCFT-LP	CC for NS
NJ	Hammonton	104.1	W281BN	PR>250w,39-44-59/75-01-26 dismissed
NJ	Jersey City	97.5	W248CG	NW, 110, 40-42-57/74-02-05
NM	Albuquerque	101.3	KJFA-FM	CC from KKRK
NM	Carrizozo	100.1	KPQC	CC for NS
NM	Crownpoint	107.3	KCZY	NW 6kw/50m,35-41-07/108-08-45
NM	Las Vegas	107.1	NEW	PG<6kw/-68m,35-34-48/105-12-59
NM	Las Cruces	96.7	K244FF	NS4w/180m,32-17-23/106-41-50
NM	Los Lunas	102.5	KIOT	PC 20kw/1267m,
NM	Santa Fe	105.1	KKRG-FM	CC from KJFA
NM	Shiprock	97.5	KNDN-FM	QR from 96.5
NM	Tularosa	102.7	KPQH	PR<-12m,33-19-03/106-04-54, dismissed ROA
NS	Sydney	92.1	NEW	NS,10.65kw/123m, to relay CBI 1140
NV	Carson City	97.3	KOLC	AF25kw/625m(aux)
NV	Denio	95.1	K236AU	CX ROA
NV	Fernley	100.7	K264CG	QG, from 100.5, 39-29-17/119-17-48. QC
NV	Henderson	100.5	KXQQ-FM	CC from KXNT-FM
NV	Las Vegas	93.7	K250AF	QC, from 97.9, 250w, 35-56-45/115-02-35
NV	Las Vegas	97.9	KIOF-LP	PR<-49m,36-13-02/115-00-01; PG
NV	Las Vegas	97.9	KIOF-LP	PG 100w/-49m, 36-13-02/115-07-00
NV	Owyhee	97.3	NEW	AF1.5kw/751m,41-44-08/116-03-44
NV	Winnemucca	91.3	K217AX	PG<10w, 41-00-29/117-46-09
NY	Ausable	97.9	WZXP	PR>2.5kw
NY	Binghamton	104.9	W285DI	PC<4w,42-03-22/75-56-39
NY	Elmira	93.1	W226BA	PG>250w,42-07-51/76-47-26
NY	Fort Greene	95.1	W236CH	PR<27w,40-45-09/73-58-06
NY	Medina	100.3	W207BD	QR from 89.3,250w,43-19-08/78-29-48
NY	Niagara Falls	95.7	W239BA	PC>250w; CL from North Tonawanda
NY	Patchogue	98.1	W251BY	PG250w,40-53-50/72-54-55; CL from Gordon Heights
NY	Poughkeepsie	94.7	WJVQ-LP	CC for NS
NY	Rochester	98.5	WARI-LP	PR,163m 43-10-37/77-35-27
NY	Rochester	98.5	WARI-LP	PG 85w/33m, 43-10-37/77-35-26
NY	Westfield	100.9	NEW	AF4.6kw/237m,42-11-38/79-45-27
NY	Westfield	100.9	NEW	AF dismissed
OH	Beavercreek	103.9	WZDA	CC from WXEG
OH	Chillicothe	101.9	W270CG	PG>250w,39-19-16/82-57-09
OH	Lancaster	105.3	W287CL	NW250w,39-44-09/82-35-
OH	Mansfield	92.3	W276CM	QR, from 103.1,250w,40-45-26/82-47-23
OH	Newark	105.5	W288CT	PG55w,40-03-04/82-28-30
OH	Perrysburg	94.9	W235BH	PC>99w

OH	Toledo	92.1	W221BG	PC>88w,41-38-49/83-36-18;CL from Rudolph
OH	Toledo	92.9	W225AM	XC41-38-49/83-36-18;CL from Middleton Township
OK	Antlers	102.3	KDOE	PC>85m,34-13-28/95-37-30
OK	Hennessey	97.7	NEW	AF,6kw/90m,36-07-05/97-58-20
OK	Oklahoma City	107.7	KRXO-FM	CC from KRXO
OK	Shawnee	107.1	KOGD-LP	NW48w/43m,35-22-03/96-57-14
OK	Tulsa	105.7	K289CC	PG 99w,36-06-25/95-47-13
OK	Tulsa	105.7	K289CC	PR>250w
OK	Waukomis	106.3	NEW	AF,6kw/100m,36-17-16/98-02-12
ON	Burlington	88.5	NEW	AF denied for non-technical reasons
ON	Hornepayne	107.1	CFNO-FM-2	PG>280w/37m
OR	Altamont	94.9	NEW	AF_1.8kw/653m,42-05-50/121-37-59
OR	Bend	92.1	K221EY	CX, off over a year
OR	Coburg	97.7	KSHL	QR from 97.5, 3.2kw/284m,44-00-07/123-06-47
OR	Lebanon	88.1	KGRI	PC>160w/770m
OR	Madras	96.5	NEW	PR 30kw/339m,44-50-24/121-13-55
OR	Manzanita	97.5	NEW	AF 110w/-47m,45-41-03/123-52-50
OR	Moro	104.5	NEW	AF5.3kw/951m,45-38-56/121-43-17
OR	Prineville	101.3	NEW	AF 15.9kw/591m,44-23-33/120-20-44
OR	Redmond	89.9	KKJA	PC>1.5kw/673m
OR	Salem	96.7	K242AB	QR from 96.3,130w,44-51-14/123-07-20
OR	Terrebonne	94.9	KCOE	QG_from_106.5
OR	The Dalles	96.3	K242AX	PR>250w
OR	Voorhies	102.3	K272FC	NW99w/415m,42-17-55/122-44-53
PA	Allport	90.5	WRPV	PC>1.6kw/270m,41-04-34/78-33-06
PA	Beaver Springs	106.1	WZBF	CC from WLZS
PA	Clearfield	89.1	W260BQ	QC, from 99.9, 27w, 40-57-30/78-28-31
PA	Erie	98.7	W254AJ	PG>250w,42-03-50/80-00-21
PA	Hammett	89.3	W207BA	PG>10w
PA	Huntingdon	103.5	WHUN-FM	CC from WLAK
PA	Jeannette	97.9	W250AU	PR<10w,40-23-06/79-41-35
PA	Masontown	106.9	WDKL	CC from WRIJ
PA	Mexico	92.5	WIBF	CC from WJUN-FM
PA	Mifflinville	105.9	WRHB-LP	PR>298m,41-00-55/76-20-51
PA	Mifflinville	105.9	WRHB-LP	PG100w/30m,41-00-55/76-20-51
PA	Mount Union	106.3	WDBF-FM	CC from WHUN-FM
PA	North Philadelphia	98.5	WJYN-LP	CC for NS
PA	Pittsfield	101.5	W268CJ	QG ,from W271CK,250w, CL from Warren
PA	Pittsfield	101.5	W268CJ	QG, from W271CK 102.1, 250w, 41-48-52/79-20-11,
PA	Reading	107.1	W296CL	NW, 4w 40-21-15/75-53-55 (WVIA)
PA	Sheffield	105.1	WLSF	PG>-102m
PA	Uniontown	106.3	W292DH	PR>250w
PR	Hormigueros	106.1	WRRH	PC,650w-H/580w-V/642m,18-08-44/66-58-50
QC	Wendake	100.3	CIHW-FM	PR<22m,46-51-23/71-21-03
SC	Greenville	96.3	W242BX	PC>250w
SC	Spartanburg	98.5	WSEJ-LP	CC for NS
SD	Fort Thompson	96.5	KZZE-LP	CC for NS
SD	Murdo	100.9	KSJW	NW,100w/77m,43-53-28/100-42-44
SD	Sioux Falls	94.5	KBAD-FM	CC from KCFS
TN	Cleveland	107.5	WTNG-LP	CC for NS
TN	Cookeville	107.7	W299BY	NW,250w, 36-08-34/85-28-02
TN	Dayton	101.1	WMJG-LP	CC for NS

TN	Lawrenceburg	102.5	W276CY	QR, from 103.1, 230w
TN	Pulaski	98.7	W254BW	PG<140w, 35-12-27/87-02-00; CL from Mt. Pleasant
TX	Amarillo	94.1	KMXJ-FM	NW500w/113m,35-11-02/101-58-11(aux)
TX	Annona	100.5	NEW	AF 2.5kw/100m,33-33-10/95-02-32
TX	Atlanta	107.9	NEW	AF100kw/234m,32-47-41/94-15-12
TX	Austwell	105.9	NEW	AF5kw/110m,28-27-14/96-45-31;amendment_to_change_site
TX	Batesville	97.9	NEW	AF 5.2kw/107m,29-00-08/99-31-56
TX	Batesville	97.9	NEW	AF dismissed
TX	Bee Cave	104.9	KTXX-FM	NS,400w/216m (aux)
TX	Big Spring	100.9	NEW	AF18.5kw/117m,32-06-33/101-25-02
TX	Burke	97.7	KAGZ	PG>37kw/164m,31-22-09/94-38-47
TX	Carbon	95.5	NEW	AF 6kw/100m,32-23-47/98-46-41
TX	Christine	96.9	NEW	AF20.5kw/110m,28-47-53/98-20-12;amendment_to_change_site
TX	Columbus	106.7	K294BI	PR>250w,29-43-31/96-24-58
TX	Cotulla	100.7	NEW	AF500w/26m,28-25-58/99-14-01
TX	Cuney	99.7	NEW	AF 2kw/176m, 32-03-40/95-18-50
TX	Denton	92.1	KXDE-LP	CC for NS
TX	El Ino	95.1	NEW	AF 6kw/22m,28-30-21/100-18-41
TX	Encinal	105.1	NEW	AF6kw/60m,28-02-44/99-21-18
TX	Freer	89.1	KBTD	PC,490w/90m,27-50-45/98-37-16
TX	Goldthwaite	107.3	NEW	AF3kw/129m,31-26-23/98-33-04; amendment from 3.2kw/124m & to change site slightly
TX	Goliad	104.3	KPQG	NW,100w/77m,43-53-28/100-42-44
TX	Harper	99.1	NEW	AF23kw/104m,30-08-21/99-03-20
TX	Harper	99.1	NEW	AF dismissed
TX	Hebbronville	104.3	NEW	AF5.7kw/102m,27-19-00/98-40-05
TX	Hico	106.5	NEW	AF_6kw/98m,31-53-32/98-05-39
TX	Horizon City	91.5	NEW	AF dismissed
TX	Houston	104.5	K283CH	PG<99w,29-45-36/95-21-49; CL from Alvin
TX	Houston	96.1	KBLT-LP	NW 41w/47m,29-42-58/95-24-29
TX	Killeen	95.1	KMYB-LP	CC for NS
TX	Llano	96.3	NEW	AF25kw/84m,30-58-46/98-40-51
TX	Longview	107.9	NEW	AF100kw/234m,32-47-41/94-15-12
TX	Marathon	103.1	NEW	AF50kw/271m,30-21-34/103-33-03
TX	Mason	104.1	NEW	AF50kw/146m,30-47-04/99-18-28
TX	Mexia	107.9	NEW-lpfm	PR,32m,31-40-47/96-29-02
TX	Mexia	101.5	K268BQ	PC>250w, 31-47-54/96-27-52
TX	Meyersville	100.1	NEW	AF6kw/73m,28-52-29/97-21-43
TX	Midway	98.1	NEW	AF6kw/84m,31-02-02/95-05-09
TX	Moran	104.1	NEW	AF6kw/100m,32-36-36/99-03-30
TX	Moran	104.1	NEW	AF dismissed
TX	Newcastle	100.5	NEW	AF 6kw/95m, 33-12-25/98-44-20
TX	Oakwood	94.5	NEW	AF 6kw/83m, 31-38-46/95-48-38
TX	Oakwood	94.5	NEW	AF dismissed
TX	Paducah	94.7	NEW	AF 25kw/72m, 34-02-10/100-18-56
TX	Panhandle	106.1	KPQP	CC for NS
TX	Pearsall	103.3	NEW	AF6kw/100m,28-56-34/99-16-47
TX	Port Isabel	105.5	NEW	AF 4.7kw/113m,26-03-13/97-12-46
TX	Quanah	98.1	NEW	AF25kw/60m,34-18-55/99-44-49
TX	Quinlan	95.5	KTTR-LP	NW,41m,32-55-02/96-07-30
TX	Roby	105.9	NEW	AF6kw/99m,32-45-00/100-12-12
TX	Rock Springs	106.1	NEW	AF 6kw/88m, 29-57-03/100-20-02
TX	Sachse	95.7	KYNC-LP	CC for NS

TX	San Antonio	96.5	KHDJ-LP	CC for NS
TX	San Antonio	99.1	KHJS-LP	CC for NS
TX	San Marcos	89.9	KTSW	PC>16kw/94m
TX	Sanger	89.7	KAWA	CC from KVRK
TX	Shamrock	92.9	KSNZ	PR>25kw/100m,35-23-59/100-14-15
TX	Smiley	103.9	NEW	AF25kw/86m,29-15-45/97-24-55
TX	Sugar Land	106.1	K291CE	XG29-33-44/95-30-35;CL from Rosenberg
UT	Ballard	95.5	KFMR	CX
UT	Centerville	105.9	KNRS-FM	QC from 105.7 (aux)
UT	Greenville	100.1	K261EN	QG, from K259CS-99.7,80w,38-08-38/112-49-54
UT	Greenville	100.1	K259CS	QC_from_99.7,80w,38-08-38/112-49-54
UT	Milford	105.5	NEW	AF43kw/854m,38-19-05/112-53-00
UT	Mona	92.9	KPUT	PG>16kw/266m,39-43-58/111-56-35
UT	Moroni	103.9	K280GJ	XG,39-51-15/111-42-17
UT	Ogden	101.9	KHTB	CC from KENZ
UT	Provo	94.9	KENZ	CC from KHTB
UT	St. George	95.3	K237GA	XG,37-03-49/113-34-21
UT	Toquerville	104.1	NEW	AF100kw/322m,37-05-41/113-11-06
VI	Charlotte Amalie	95.3	NEW	AF 50kw/113m,18-18-39/64-52-49
VA	Charlottesville	92.3	WXRK-LP	NW,63m,38-40-39/78-28-21
VA	Charlottesville	96.3	W242CL	QG from W295BR-106.9,37-58-56/78-28-58
VA	Charlottesville	106.7	W294BY	QG from W293CN-106.5,37-58-56/78-28-58
VA	Chincoteague	101.5	NEW	AF 6kw/69, 37-55-45/75-28-53
VA	Christiansted	88.3	NEW	PR,400w/257m, 17-43-53/64-41-17
VA	Fredericksburg	106.3	W292EF	PG>75w,38-16-21/77-29-46
VI	Frederiksted	102.1	WEVI	PR,4.8kw/286m
VA	Richmond	88.9	WCVE-FM	PR 10kw/302m, 37-30-45/77-36-06
VA	Roanoke	106.5	W293AX	PC>250w,37-15-06/80-04-56
VA	Woodstock	94.9	WUDS-LP	NW, 1w/-47M,38-52-34/77-30-38
VT	Colchester	88.7	WVTX	CC from WWPV-FM
VT	Rutland	99.1	W256CW	QG_from_W223AV-92.5,130w
WA	Aberdeen	104.1	K280GE	QR, from 103.9, 250w
WA	Camas	102.7	KCVD-LP	PG>30m,45-39-23/122-23-04
WA	Dayton	102.3	NEW	AF 500w/45m,46-19-54/117-59-25
WA	Naches	99.3	KMGW	CC from KIT-FM
WA	Oak Harbor	103.3	KMCQ	PR 1.4kw/414m
WA	Olympia	101.9	K271CG	QC_from_102.1
WA	Pasco	93.7	KRKG-FM	NS45w/356m(aux);NW
WA	Shelton	103.3	K277CZ	QG, from K281BM 104.1,250w
WA	Woodland	96.7	K244EV	PG>55w,43-53-05/122-49-03;CL from Ariel
WI	Darlington	95.5	W238CB	PG>250w,42-34-36/89-41-34
WI	De Pere	89.7	W209BM	XR ,44-21-32/87-58-58
WI	Green Bay	90.1	WORQ	PC>18kw
WI	Milwaukee	92.9	WBVW-LP	PR>32m,42-58-31/87-54-31
WV	Clarksburg	90.1	WYXA	CC from WCKU
WV	Grafton	95.9	WKTZ-FM	CC from WDKL
WV	Granville	97.5	W248BF	PG>20w
WV	Ripley	90.7	WLKV	PR<2.5kw/88m
WV	Westover	93.9	W230AY	PG>90w
WY	Baggs	103.3	NEW	AF 8.5kw/170m, 40-17-42/106-58-29



PHOTO NEWS

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

November 2015

Chris Lucas of Poughkeepsie, NY had a nice opening to NC again in early September:



WRAZ-49, Raleigh, NC
 490 mi Tr seen 9-5-15



WLPS-LD-14 Lumberton, NC
 565 mi Tr seen 9-5-15



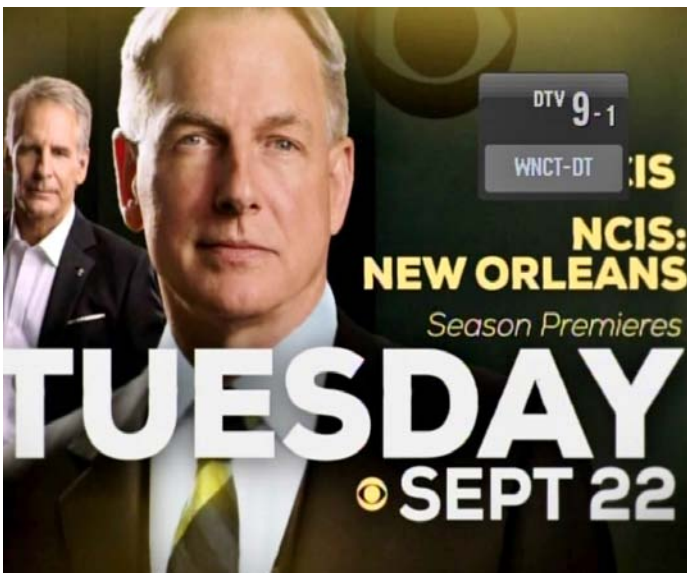
WFXB-18.3 Myrtle Beach, SC
 598 mi Tr seen 9-5-15



WFXB-18.4 Myrtle Beach, SC
 598 mi Tr seen 9-5-15



WFMY-51.3 Greensboro, NC
501 mi Tr seen 9-6-15

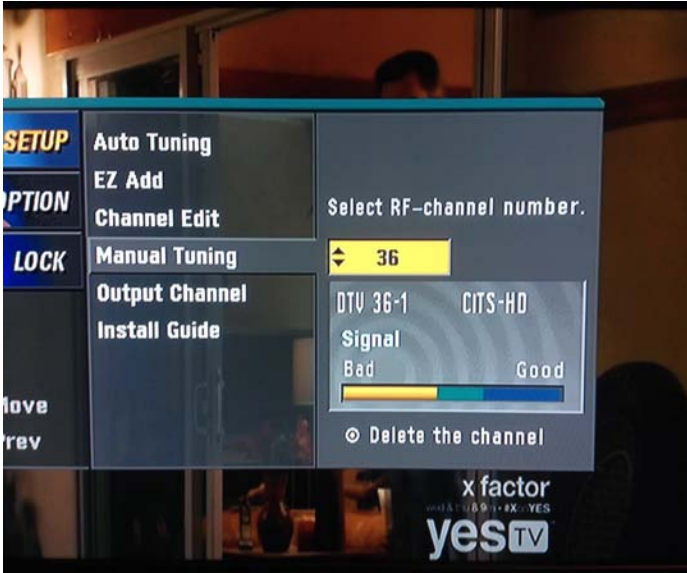


WNCT-10.1 Greenville, NC
481 mi Tr seen 9-5-15
"furthest VHF Tr"

And now here's some recent DX from Andrew "Crazy Monkey" Knafel of Akron, OH. Andrew has recently learned the benefits of going mobile close to home, but at higher elevation to get new loggings. He is also using what's known as an autologger (hardware/software package) to remotely monitor DX when he's asleep or away from the receiver. Sure wish I had this technology 20 years ago!



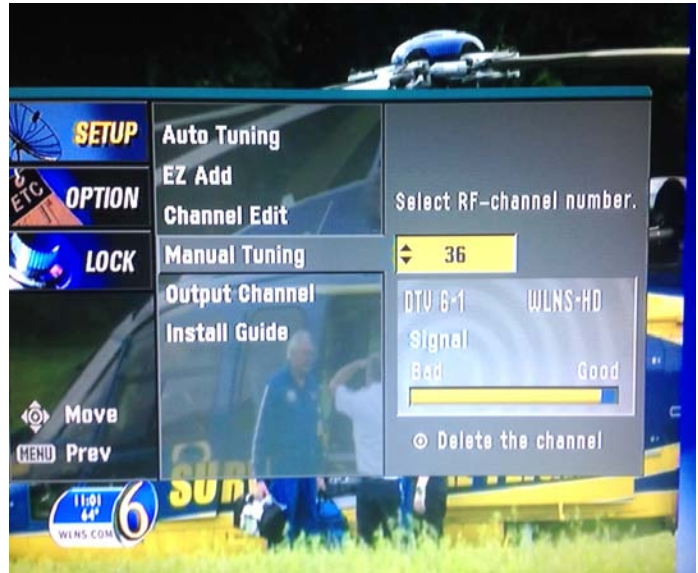
CFTO-9 Toronto, ON
213 mi Tr seen 9-10-15



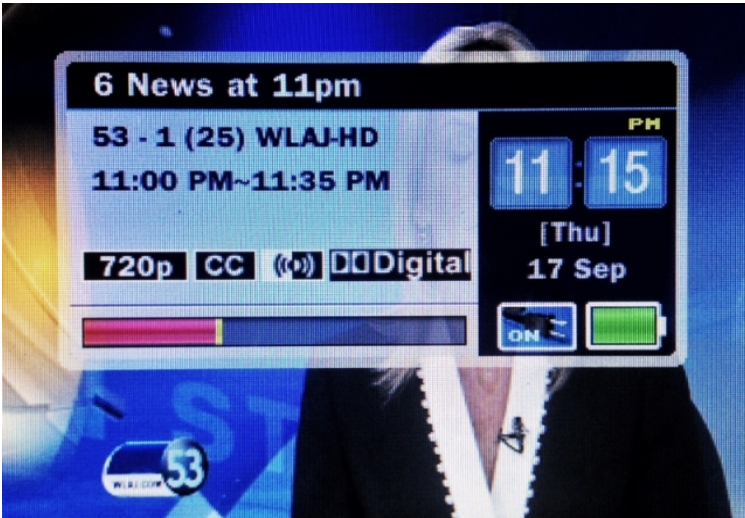
CITS-36 Hamilton, ON
176 mi Tr seen 7-29-15



WKAR-40 E. Lansing, MI
173 mi Tr seen 9-26-15



WLNS-36 Lansing, MI
175 mi Tr seen 9-26-15



WLAJ-25 Lansing, MI
177 mi Tr seen 9-17-15
"mobile"



WNEM-22 Flint, MI
185 mi Tr seen 9-26-15



WRTV-25 Indianapolis, IN
247 mi Tr seen 10-22-15



Andrew's home antennas...

..and mobile antenna
(from Medina, OH,
actually on the ground
receiving Lansing, MI!)



73's, JEFF



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Send reports by the 15th of each month to:

Nick Langan
 42 Holly Park Drive
 Tabernacle, NJ 08088
 E-mail: nickl@wtfda.org

The Editor's Note

There were a handful of tropo events scattered amongst the month of October – nothing on a large scale, but activity involving the Midwest on the 11th and 22nd, and some strong Gulf Coast activity in the wee hours of the 16th. The first week of November looks to be warm across the Midwest and Great Lakes – perhaps bringing favorable tropo conditions as we get late into the season.

We once again encourage you to check out the autologger DTV activity, if you have not already, available at http://www.rabbitears.info/all_tuners. Roy Barstow on Cape Cod is the latest contributor to the site, which is definitely a boon for DXers in New England checking conditions. We also continue to be impressed with the logs Mike Glass and Steve Rich are netting from their eastern IL DX site.

Dave Pomeroy

2321 SE Libra Ct.
 Topeka, Kansas 66605-3505
davepomeroy@sbcglobal.net

Hello Nick,
 It has been a very disappointing fall with very little tropo of any significance. However, here is what I have seen dating back to April 14.

April 2015

14 0900 Tr KBIN-33 Council Bluffs, IA
 KOHA-LD 48 Omaha, NE

May

8 2240 Es XHCH-2 Chihuahua, CH
 KMJC-LD 22* Topeka, KS
 KCKS-LD 25* Topeka, KS
 19 0745 Tr UNID-30 RTV
 Es WBRA-3 Roanoke, VA

June

15 KPXE-30 Kansas City, MO
 Es WACP-4 Atlantic City, NJ
 18 0930 KJWP-2* Wilmington, DE
 1050 XEPM-2 Juarez, CH
 19 0700 Tr KMEG-39 Sioux City, IA
 KPTS-8 Hutchinson, KS
 KAKE-10 Wichita, KS
 KHDS-LD 51* Salina, KS (100 mi)
 20 KNHL-5 Hastings, NE (formerly
 KHAS-TV)
 1930 Es XEFE-2 Nuevo Laredo, TA
 21 0930 XEFE-2 Nuevo Laredo, TA
 1630 UNID-2 Global Ontario
 22 0730 Tr KSNB-4 Superior, NE
 UNIDs on channels 5 and 6
 0815 KFXL-15 Lincoln, NE
 KDSM-16 Des Moines, IA
 Es UNID-2 Global

July

13 1000 Tr KSNB-4 Superior, NE
 KNHL-5 Hastings, NE
 KOGL-LD 32 Dodge City, KS

	KBSD-6	Dodge City, KS
	KSNC-22	Great Bend, KS
	KOOD-16	Bunker Hill, KS
	KAKE-10	Wichita, KS
	KBSH-7	Hays, KS
	KFXL-15	Lincoln, KS
	KMEG-39	Sioux City, KS
15	0645	KBJO-16 St. Joseph, MO (LPTV)
	0700	KNLC-14 St. Louis, MO
		KHNE-28 Hastings, NE
		KBIN-32 Council Bluffs, IA
	0900	WPSD-32 Paducah, KY
		KHDS-LD 51 Salina, KS
		KCWI-23 Ames, IA
	2100	KOZK-23 Springfield, MO
		KOXL-28 Springfield, MO
21	0730	KHDS-LD 51 Salina, KS
30	0700	KETM-LP 17 Emporia, KS

October		
7	0630	KOTV-45 Tulsa, OK
		KDOR-17 Bartlesville, OK
		KOKI-22 Tulsa, OK
		KHIN-35 Red Oak, IA
		KQCW-20 Muskogee, OK
		KBTX-28 Okmulgee, OK

On May 8 I received KMJC-LD 22 and KCKS-LD 25 both licensed to Topeka. Both are part of Heartland Broadcasting of Topeka which operates WROB-LD 26 in Topeka. WROB-LD originally used 26.1 as their virtual channel number. Now it uses channel 25.1 through 25.10. All three are to use channel 25 as their virtual channel but I have only seen channels 22 and 25 on the air once since then. I do not believe they are on the air now as there is no sign of any signal on either channel. Channel 22 is designed to serve the Manhattan and Junction City areas hence the call letters. Their transmitter is located west of Topeka near Rossville, Channel 25 is intended to serve the Kansas City area. That transmitter is reported to be near Lawrence. I am unable to receive it at a relative's home in Overland Park--a Kansas City suburb. The station marks the return of channel 25 to the Kansas City area after 60 years. KCTY-25, a DuMont affiliate, was the second station licensed to Kansas City, MO to go on the air. It operated from a transmitter in Overland Park, KS from June 1953 to February 1954 and was the first commercial TV station to operate in Kansas barely beating KTVH-12 in Hutchinson. Unfortunately for KCTY two new VHF stations (KCMO-5 and KMBC/WHB-9) went on the air in KC in the fall of 1953 joining WDAF-4

that went on in 1948 prior to the freeze. The first station in Kansas was an experimental station W9XAK at 2150 kHz. They had reception reports from Maine and Texas.

Danny Oglethorpe
P.O. Box 8025
Shreveport, LA 71148-8025

Equipment used for VHF: Winegard CA-5254 VHF antenna at 18' AGL into CM 3414 distribution amp, RG-11 cable, RS FM filter, Antennacraft rotor, old analog 13" TVs and VCRs, 2 Zentih DTT-901 DTV converters, Digital Stream DTX-9950 converter, Canon camera on tripod

E-mail: oglethorpedxer@gmail.com
TV DX Photographs: <http://www.TVDXExpo.com>
Mexico/Latin America TV DX ID Tips and Logos: <http://www.TVDXTips.com>

Time used is Central Daylight Time.

September 1, 2015 Es
1115 XHTAU-2 Tampico TAM
"Azteca Noreste"
1134 XEWO-2 Guadalajara JAL "+v mas"

September 8, 2015 Es
1803 XHFM-2 Boca del Rio VER Calls and
"tele ver"
1807 XHGV-4 Las Lajas VER Tiny "TV Mas"
upper right and text ID upper left 1815
1807 XHAJ-5 Las Lajas // XHFM-2
1833 XHCBD-3 Orizaba VER // XHGV-4

October 6, 2015 Tropo
0130 KCEB-DT-26 Longview TX 70 miles NEW
(Moved from channel 51.)

October 11, 2015 Es
1750 Mexico network relay unIDs 2-6
1935 XHY-2 Merida YUC "Sipse" in Gala
2000 HRCV-3 Honduras Telesistem logo upper
right
2025 HRTG-5 Honduras "5" logo
2055 TGV-3 Guatemala "3" logo
Note #2 Thanks to Raymie Humbert for verifying
that these shadow transmitters do exist.

Doug Smith (W9WI)

Pleasant View, TN
<http://www.w9wi.com>

12 October Tr
2357 22 WCPO OH Cincinnati (235) NEW
2358 35 WLWT OH Cincinnati (234)

13 October Tr
0019 14 WCMH OH Columbus (330) NEW
0533 29 WTCI TN Chattanooga (130) NEW

Even in analog -- and in FM -- Chattanooga has always been rare here due to terrain.

Bob Seybold

1865 W. Main Rd.
Silver Creek, NY 14136

10/13/15

Nick:

There has been a lot of DX in the past 45 days, mostly tropo but greatest was double-hop Mexican E-skip (analog).

8/11/15 – 1200-1400 EDT – Mexican E-skip. Channel 2 (2 stations), Channel 3 (1), Channel 4 (strongest, lasted 2 hrs.), Channel 5 + 6. 1800 miles. Also a couple brief Canadian analog skip openings in last 30 days.

Trops – WTOL 11 Toledo 25 days in late August till Sept. 23 sometimes lasting several hours per day. WTVG 13, WGTE 30 also but less hours and days but often. WDIV 4 Detroit often (20 out of 40 days), WXYZ 7, WMYD 20, WWJ 62 often. Cleveland signals seen several times: Channel 3, 5, 8, 19, 43, 61. Flint 12 + 28 couple times. Also Lansing, Saginaw, Ann Arbor, Grand Rapids, Zanesville 18, Fort Wayne, South Bend. CKWS 11 Kingston (new), CFTO 54 (new), CHCJ 35, all Rochester digitals seen several times.

One big tropo opening to east resulted in Syracuse, Utica, Burlington signals (all new digitals to me), some Canadian analogs (2, 3, 4, 5, 6, 8, 11 – all must be low power analogs but not normally seen here). Many Canadian digitals seen often (CKVR 3, CITV 31 + 57, CIII 22, CKWL 16, CFPL 10, CKVP 42, CHEX 12, CIII 27, TVO 28, TVO 19,

CKCO 13.) All Erie, WTVS 56, WBGU 27, Batavia 51, CIII 6. New Buffalo digital (low power) WBXZ 56-1, 56-2, 56-3, 56-4, 56-5, 56-6, 56-7 (old shows, shop, etc., received daily but only decodes on certain days and times, comes in better when there is no DX, rainy days, fog and low clouds.)

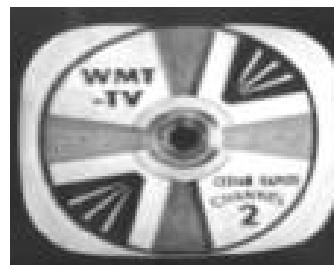
Recent tropo 10/10/15 Rochester digitals, Batavia 51, Toledo 11, 13, 30, CIII 22

10/11/15 – Repeat of 10/10/15, Canadian analogs 2, 6, 8, 11

10/12/15 – Rochester digitals, Canadian analogs, Canadian digitals 6, 10, 13, 28, 31, 35 plus regulars above normal. unID Channel 8 digital east (not WROC 8)?

CIII 22. WDIV 4 briefly, WXYZ 7, E-skip Channel 2 (no analog ID) east

73's – Bob Seybold



FCC Issues AM Radio Revitalization Order

by Susan Ashworth

on 10.23.2015



The commission has formally taken concrete action in its efforts to revitalize the AM band: The results of the long-awaited AM Radio Revitalization Report and Order have been released by the FCC. And a two-prong translator package for AM stations is an important part of it.

FCC Commissioner Ajit Pai had issued a statement even before most of the industry got the order. The NAB issued a statement calling the outcome “a great day for AM radio and for millions of listeners across America.” It thanked Commissioners Pai and Clyburn in particular, along with the NAB Media Bureau. “NAB also salutes Chairman Wheeler, who worked with his colleagues to develop a comprehensive proposal to address this important issue.”

The FCC seeks to reform several of the technical rules pertaining to the AM band, including:

- The addition of two AM-only windows for AM stations to obtain new FM translators. The first will give an AM station more flexibility to move an FM translator that has been purchased on the secondary market, an idea that had been [advanced in recent months](#) of debate on this issue. The second will give AM stations without FM translators the chance to apply for one. That has been a goal of AM advocates; the timing of the latter is unclear at this writing but was expected to be later than the first step.

“I’m hopeful that this two-prong plan will accomplish our goal of distributing FM translators to as many AM stations as want them,” said Pai, who had been vocal about the need for an AM-only translator window. Pai had sparred with Chairman Tom Wheeler over the issue; Wheeler did not support the inclusion of an AM-only window in the AM order.

“The approach to translators adopted by the commission may not be perfect, but we made significant progress on the issue over the past few weeks, and it is an approach that I am pleased to support,” Pai said. (His full comments are pasted at the bottom of this story.)

- Elimination of the so-called [ratchet rule](#), which requires an AM station to ratchet back its nighttime signal when changes are made to the AM station’s facilities. While the goal was to reduce nighttime AM interference to other AM stations, the rule, its detractors say, has been a loophole for delaying service improvements and has resulted in a net loss of interference-free nighttime AM service. “Eliminating the so-called ‘ratchet rule’ will make it easier for AM broadcasters to improve their signal quality,” Pai said in his statement. The FCC is also modifying daytime and nighttime community coverage standards, along with minimum efficiency standards, and expanding use of [Modulation Dependent Carrier Level](#) control technologies.

Importantly, the FCC also issued a notice of further proposed rulemaking with more possible changes including modifications of AM protection standards. [Read those starting on page 23 of the document](#). We will post a separate summary shortly.

The controversy and boisterous commentary that’s surrounded the revitalization of AM radio seems to solidify one key fact for Pai: AM radio remains a passionately supported medium. “When it comes to promoting localism, advancing diversity, and otherwise serving the public interest, AM radio matters,” Pai said.

Here is the full statement by Commissioner Pai:

WRDN. KZPA. KDKA. WAGG. KBRW. KKOW. WDAY. These aren’t random collections of letters. They and countless other call signs like them represent AM radio stations around this country that have informed and entertained listeners and created a sense of community—in some cases, for longer than the FCC itself has been around.

But the AM band is struggling. Signal quality is low. Listenership is down. Advertising revenue is declining. And for a generation, the FCC has been on the sidelines.

That's why, [three years ago, I proposed](#) that the Commission launch an initiative to revitalize AM radio. One year later, the FCC began its first comprehensive review of its AM radio rules in over two decades. And at long last, the Commission today is taking meaningful and concrete action to assist AM broadcasters across our country. This is a big victory for the American listening public.

In particular, we give AM broadcasters short-term relief in two different ways. First, we reform many of our technical rules pertaining to the AM band. The details of those changes are difficult for anyone who isn't an engineer to understand, but they will make a real difference to AM broadcasters. Eliminating the so-called "ratchet rule" will make it easier for AM broadcasters to improve their signal quality. Modifying our daytime and nighttime community coverage standards, along with minimum efficiency standards, will give AM broadcasters more flexibility when it comes to site location. And the use of Modulation Dependent Carrier Level control technologies will allow AM broadcasters to cut their operating costs.

Second, we afford AM broadcasters additional opportunities to acquire FM translators, including through two exclusive windows for AM stations to obtain new FM translators. Over the last two years, AM broadcasters from Kansas to Mississippi have told me about the importance of the FM translator window proposal. Translators have helped them boost listenership and advertising dollars in a major way. Now, translators are not the answer for the technical problems plaguing the AM band. But those problems are not going to be solved overnight. An FM translator can serve as a vital bridge to the future for an AM broadcaster as we work on fixing the AM band's long-term problems.

The approach to translators adopted by the Commission may not be perfect, but we made significant progress on the issue over the past few weeks, and it is an approach that I am pleased to support. First, we will open a window in which AM stations will have greater flexibility to move an FM translator purchased in the secondary market. I have long favored making it easier for AM stations to move FM translators, such as by supporting the Tell City waiver request. And then we will give those AM stations still without an FM translator a chance to apply for a new one. I'm hopeful that this two-prong plan will accomplish our goal of distributing FM translators to as many AM stations as want them.

Of course, our work on AM revitalization does not end today; we also tee up many ideas that stakeholders gave us in response to our Notice of Proposed Rulemaking. I look forward to reviewing the record to be compiled on those ideas and hope that we will move forward swiftly on those that have merit. I would like to thank the dedicated staff of the Media Bureau's Audio Division for their hard work on this document. The Audio Division, ably led by Peter Doyle, often does not get the recognition that it deserves. But the many millions of Americans who regularly listen to terrestrial radio are the beneficiaries of their efforts and expertise.

And I would like to thank all of those who have supported this AM revitalization initiative. The broad support we've seen speaks to the enduring importance of AM radio in communities across the country. From formal comments submitted to the FCC to enthusiastic "attaboys" I've heard in the field, one thing is clear: When it comes to promoting localism, advancing diversity, and otherwise serving the public interest, AM radio matters. I have seen that for myself in communities across the country, from Fort Yukon, Alaska to Pittsburgh, Pennsylvania, and from Fargo, North Dakota to Birmingham, Alabama. It's impossible to mention here all of the advocates who have helped us reach this point, but you should know that I deeply appreciate all you have done and will never forget it.

Thus we close one chapter in AM revitalization and begin another. As Paul Harvey—his distinctive voice still resonates in my memory from so many broadcasts I heard during my childhood on KLKC 1540 AM—might have said, that's the rest of the story. Good day!

FCC Sets Incentive Auction Opening Bid Prices

Broadcasters have until Dec. 18 to decide to participate

10/16/2015 10:59:00 AM Eastern

From Broadcasting and Cable



The FCC Friday released its final opening bid prices for TV stations eligible for the broadcast incentive auction that starts in March 2016.

The commission had provided estimated opening prices in a Greenhill II report back in February, but this is the real thing.

The top bid will be in New York—\$900 million for WCBS-TV.

The list also includes stations—listed as "not needed"—that the FCC will not need to offer to buy in order to clear enough spectrum in each market. For example, the FCC needs no stations in Grand Junction-Montrose, Colo., or the Butte-Bozeman, Mont., markets.

In other, top, markets there were multiple stations with hundreds-of-million-dollar price tags, though prices could vary widely depending on whether the station was a UHF or VHF, a low-power or a full power.

A senior FCC official said that all the prices were put out for public consumption because they could actually all be calculated from publicly available information.

Most of those bids will drop, but broadcasters at least now know the most they could possibly get for their spectrum. And not all will fall. The now-disbanded Expanding Opportunities for Broadcasters Coalition ran numerous simulations and in every case, more than a handful of stations were "frozen" at their initial bid, meaning that opening price is the price the FCC would pay, according to former Executive Director Preston Padden.

The FCC released bids for the four options, giving up spectrum and getting out of the business, giving up spectrum and sharing, moving from a UHF to a VHF channel or from a high to low VHF.

Broadcasters will get the same money for giving up spectrum and sharing with another station as they will to give it up and get out of the business, though they will be sharing that money with the station they will be teaming up with. "There is a lot of money to be had by each individual broadcaster," said an FCC official briefing reporters.

There are actually four options: relinquishing spectrum and getting out of the business, relinquishing and sharing, moving from a UHF to a VHF channel, and from a high to a low VHF. Those who opt to move rather than give up spectrum will not get as much money. For example, if it just wants to move, WCBS-TV "only" gets \$675 million.

So, a station that would get \$100 million to give up all its spectrum, would only get \$67 million-\$80 million for moving to a low VHF channel, and only \$33 million-\$50 million for moving to a high VHF channel.

"For potential Incentive Auction participants, today is a watershed moment," said FCC chairman Tom Wheeler. "For all practical purposes, we've fired the starting gun: the release of final opening bid prices – combined with the detailed application procedures and other data released yesterday – provides broadcasters with all of the information they need to decide whether to apply to participate in the auction. Stations that miss the December 18th deadline will not be able to participate in this historic auction. Commission staff stand ready to educate and assist applicants as they prepare."

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WTFDA FORUMS

<http://forums.wtfda.org>

- Join in the conversation with fellow members!
- Get help with unIDs

FM DATABASE

<http://db.wtfda.org>

Database of US, Canadian and Mexican FM Stations. Sortable, searchable and up to date!



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