

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

MARCH 2009

The Magazine for TV and FM DXers

ANALOG TV ENDS  
JUNE 12, 2009.  
NIGHTLIGHT SERVICE  
ENDS JULY 12, 2009

KATV-DT  
TOWER  
CONSTRUCTION  
31 DECEMBER 2008

PHOTO BY FRITZE PRENTICE



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**CONVENTION 2009!**

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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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MARCH 2009



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://www.wtfda.org/join.html>

You can now renew either paper VUD membership or your online eVUD membership at one convenient stop. Use the link above to either join the WTFDA or renew your membership in North America's only TV and DX organization.

## CONTENTS

Page Two	2
Mailbox	3
TV News...Doug Smith	4
FM News...Bill Hale	11
Photo News...Jeff Kruszka	19
Western TV DX...Nick Langan	21
Southern FM DX...John Zondlo	23
TV&FM Statistics	28
Stations Off Before June12	30
Transition History	33
6 meters...Peter Baskind	36
Sign up/Renewal Form	39

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## THE BEGINNING OF THE END ROUND 2

February 17<sup>th</sup> has come and gone with the result that we're now minus about 400 analog television stations. Perhaps that fact is noticeable in some places, but not where I live. Only two UHF analogs bit the dust and WFSB 3 chickened out at the last minute, so that put a damper on any enthusiasm I might have had about analogs leaving. The next shutoff date is supposedly June 12<sup>th</sup>, unless some politician comes along and decides at the last second that a shutoff date in August might be a better idea yet. Maybe it's just better to take whatever comes out of a politician's mouth with a grain of salt, or perhaps an aspirin or two. Then call me in the morning.

## MEMBERS AND MORE

This month we say welcome to **William Gutsch** in NJ, **George Dobson** in the great state of Texas and **King Oberlin** in Indiana, a state that once had more beagles than human inhabitants. At least it seemed that way when we drove through it years back. **Juan Gualda** (FL) rejoined along with **John Cereghin** (DE) and **Charly Gauthier** in Montreal. Nice to see the three of you back again!

During the period from 1/17 to 2/10 we received renewals from **Jeff Rostron** (MA), **Jim Pizzi** (NY), **James Nahirniak** (MI), **S. Kaimbridge Hood** (MA), **Robert Fischer** (AK), **Wally Dickson** (MA), **Glen Hale** (IN), **Robert Grant** (MI), **Robert Steadman** (WI), **Charles Burnham** (NY), **Paul Hansen** (MA), **David Shapiro** (OK) and **Frank Drobny** (CA). Thank you everyone for your support of the WTFDA!

## HOW MANY ARE THERE?



**Bill Gutsch** checks in from Kinnelton NJ and writes "As a kid and teenager, I used to do AM and TV DX using an old Philco floormodel radio (~1946) and an old Philco TV (~1952). I pulled in KSL (Salt Lake), KFI (Los Angeles) and Cuban and Colombian radio stations. But my favorite was lower VHF, E skip TV DXing (all done from Newark NJ). Only channels 3 and 6 were non-local but I logged about 14 channel 3s as I recall from places like Iowa, Kansas and Nebraska. Also some trop on 3,6,10 and 12. I have some old photos of call letters and some QSLs from the stations (somewhere).

I haven't done DXing in years. Just learned about you and would like to join and rekindle the hobby."

Well, Bill, if you ever find those letters and QSLs, scan them and send them here and we'll publish them. They'd be great to look at!

And I wouldn't mind being rekindled myself. We will see if that happens this summer.

## THREE MEN, FOUR BIRDS AND A TOWER

**Fritze Prentice** explains the cover photo: "There are three workers as well as birds flying in the view. This was taken at the Walmart parking lot at the junction of Chenal Parkway (different spelling for street than Shinall Mountain) and AR Hwy 10 looking south. Shinall Mountain runs NW to SE and is flat and full of various towers." I don't think Fritze is saying that Shinall Mountain is flat because mountains usually aren't, although this one might be an exception.

## CONVENTION 2009

WTFDA and NRC get together once more for our 2<sup>nd</sup> combined convention! This year it will be in Allentown, PA over the Labor Day Weekend with Bob Smolarek (of NRC and WTFDA) hosting. Bob is working on hotel accommodations as we type this and those should be announced next month.

And Brian May...thank you!

## LAST BUT NOT LEAST

Check out Robert Delaney's amateur-TV DX photos in Photo News. I don't remember any DX of this type ever being published in the VUD. Those signals get out! CU next month.



# TV News

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## March 2009 – and analog lives for three more months

### 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 analog stations in **bold italics**; low-power analog stations in regular italics)

NOTE! Last month, we switched which facilities are in *italics* and which are in regular type. Most of the listings you're going to see here are going to be digital – we're going to make the few analog listings stand out. (presumably all LPTVs and Canadian/Mexican stations)

So again, stations in regular type are digital, stations in *italics* are analog.



**Guam:**  
 Dededo 22 KEQI-LD DG 1.95kw



**Puerto Rico:**  
 Ponce 36 W36DB-D DR 250w dismissed; going for ch. 31 with 300w instead.  
 Ponce 51 W51EH-D DG 500w  
 San Juan 20 WSJN-CD DR 1.5kw from ch. 15, 18-17-38/66-10-01



**USA:**  
**Alabama:**

<b>Montgomery</b>	<b>20</b>	<b>WCOV-DT</b>	<b>GA from ch 16 460kw/518m; QG</b>
<b>Montgomery</b>	<b>46</b>	<b>WMCF-DT</b>	<b>PG&gt;1000kw</b>
<b>Opelika</b>	<b>47</b>	<b>WLGA-DT</b>	<b>PG 302kw/323m, 32-19-25/84-46-46 (WRBL-3/WTVM-9 tower)</b>
<b>Alaska:</b>			
<b>Fairbanks</b>	<b>7</b>	<b>KFXF-DT</b>	<b>PG&gt;6.1kw; NW</b>
<b>Arizona:</b>			
Casa Grande	47	KCAB-LD	DR 15kw, 33-00-05/111-40-32
Flagstaff	42	K42IQ-D	NW 1kw, 35-14-28/111-36-35
<i>Globe</i>	<i>30</i>	<i>KFPB-LP</i>	<i>CC from K30ES</i>
Kingman	14	K25HU-D	DR 15kw, 35-39-07/114-18-41
<b>Mesa</b>	<b>12</b>	<b>KPNX-DT</b>	<b>QR from ch 36 39kw/555m; amendment from 43kw; QG</b>
Scottsdale	23	K23BY-D	DG 14.1kw, 33-29-30/111-38-22
Sun City	32	K53IJ-D	DR 1kw, 33-57-21/112-28-34; CL from Prescott
<b>Arkansas:</b>			
<b>El Dorado</b>	<b>10</b>	<b>KETZ-DT</b>	<b>PG&gt;16.2kw, non-DA</b>
<b>Fort Smith</b>	<b>27</b>	<b>KFTA-DT</b>	<b>PR&gt;600kw</b>
<b>Hot Springs</b>	<b>26</b>	<b>KVTH-DT</b>	<b>NW 66.4kw</b>
<b>Jonesboro</b>	<b>48</b>	<b>KVTJ-DT</b>	<b>NW 780kw</b>
<b>Little Rock</b>	<b>36</b>	<b>KKAP-DT</b>	<b>PG&gt;1000kw/395m</b>
<b>Little Rock</b>	<b>44</b>	<b>KARZ-DT</b>	<b>CC from KWBF</b>
<b>California:</b>			

Bakersfield	16	KTFB-DC	DG from ch. 4, 15kw
Barstow	36	K36JH	PG<9.5kw
<b>Barstow</b>	<b>44</b>	<b>KHIZ-DT</b>	<b>PC&gt;597m, DA (from 596m...)</b>
Cal-Oregon	42	KQSX-LP	PR<300w, 41-17-34/122-18-18
Caliente	41	KDBK-LP	PR<65kw; CC from K41JN
Crescent City	34	K22DS	QC from ch. 22
Glen Arbor	6	KBKF-LP	QR from ch. 26, 600w (has also filed for DTV facility on ch. 6)
<b>Los Angeles</b>	<b>28</b>	<b>KCET-DT</b>	<b>PR&gt;1000kw</b>
Mineral	5	K05JK-D	DR 2w, promptly amended to 6w
Palm Springs	36	KVES-LD	DR from ch. 28, 15kw
Paradise	5	K05EM-D	DR 6w
<b>Rancho Palos Verdes</b>	<b>51</b>	<b>KXLA-DT</b>	<b>PR&gt;949m</b>
Redlands	45	KLAU-LD	DR 1kw, 34-10-32/117-34-26
Sacramento	6	KEFM-LD	QR from ch. 59, 300w. This is a different station from KEFM-LP Chico!
<b>Sacramento</b>	<b>10</b>	<b>KXTV-DT</b>	<b>PR&gt;34.5kw, amendment from 43kw</b>
Sacramento	42	KMSX-LD	QR from ch. 29, 15kw, 39-04-04/120-58-05; CL from Chico
<b>San Diego</b>	<b>10</b>	<b>KGTV-DT</b>	<b>QG from ch 25 20.7kw/227m</b>
<b>Santa Ana</b>	<b>33</b>	<b>KTBN-DT</b>	<b>GA from ch 23 1000kw/890m, to avoid mutual interference with KVMD-DT Twentynine Palms</b>
Victorville	43	K43AG-D	DG 15kw, 34-36-03/117-37-41; CL from Ridgecrest
Weaverville	4, 5	K04DD-, K05CF-D	DG
Colorado:			
Akron	35	K35FI-D	DR 190w
Anton	47	K47FT-D	DC 435w
Canon City	28	K28KC-D	PG>94w
Colorado Springs	46	KTLO-LP	QG from ch. 49, 50kw (has app. on file to move again, to ch. 46, with 11.3kw)
Denver	12	K56JK-D	QR from ch. 56, 55w
Denver	52	KSBS-LD	DG 2kw, DTV companion for ch. 47 analog
Durango	38	K38JD	PR<100w, 37-17-34/107-51-41
Grand Junction	30	K30IU	PG>17kw, 38-52-39/108-13-36; from no offset to zero
Lake George	45	K45KB-D	PG>500w, 38-59-12/105-04-06
Sargents	51, 33, 45, 47, 49	K51DI, K53AY, K55BI, K57CS, K59DV	QR from chs. 51, 53, 55, 57, 59, 2.2kw, 38-29-49/106-19-12 (no freq. change for ch. 51; chs. 51 & 55 licensed to "Waunita Hot Springs")

<b>Connecticut:</b>			
<b>Bridgeport</b>	<b>49</b>	<b>WEDW-DT</b>	<b>PR&gt;91kw</b>
<b>Hartford</b>	<b>45</b>	<b>WEDH-DT</b>	<b>PR&gt;490kw; PG</b>
<b>Florida:</b>			
Inverness	26	W26DP-D	DG from W61AK, 11kw
Jacksonville	23	WUBF-LD	DR 15kw
Jupiter	53	WALO-LP	CC from WWJV-
<b>Live Oak</b>	<b>48</b>	<b>WFXU-DT</b>	<b>PR&gt;390.8kw/149m, 29-48-42/82-42-34 dismissed</b>
Matecumbe	43	W43CB-D	DR 3kw
Orlando	31	WTMO-CD	PR>15kw
Orlando	47	W47AL-D	DR 10kw, 28-22-01/81-23-13; DG
Palm Beach	11	WBPB-LD	NW 300w, 26-22-12/80-10-23 (DCC for ch. 41 analog)
Rock Harbor	16	W40AA	PG<12kw
<b>Stuart</b>	<b>42</b>	<b>WHDT-DT</b>	<b>QG from ch 59 via ch. 44, 700kw/439m, 26-34-37/80-14-32 (WFLX-29/WXEL-42 twr.)</b>
Yankeetown	45	WGCT-LD	NW 15kw, 28-30-17/82-20-34 (DCC for ch. 17 analog facility; different station from WGCT-CA which is in Columbus, Ohio)
<b>Georgia:</b>			
<b>Bainbridge</b>	<b>50</b>	<b>WTLH-DT</b>	<b>PG&gt;665kw; PC</b>
<b>Columbus</b>	<b>11</b>	<b>WTVM-DT</b>	<b>QR from ch. 9, 50kw/507m</b>
Fayetteville	35	WDTA-LD	DG 1.5kw, 33-45-45/84-23-14, DTV companion for ch. 28 analog
Toccoa	24	WNEG-DT	NW 240kw/235m
<b>Hawaii:</b>			
<b>Hilo</b>	<b>11</b>	<b>KHAW-DT</b>	<b>NW 3.35kw/31m, 19-43-00/155-08-13 (replaces analog facility)</b>
<b>Hilo</b>	<b>13</b>	<b>KHVO-DT</b>	<b>QC from ch 18, 2kw/-92m, 19-43-00/155-08-13, replaces analog</b>
Hilo	28	K28JV-D	PG<9.5kw
<b>Wailuku</b>	<b>7</b>	<b>KAIH-DT</b>	<b>NW 3.69kw/753m, 20-39-37/156-21-46 (replaces analog facility)</b>
<b>Wailuku</b>	<b>12</b>	<b>KMAU-DT</b>	<b>NW 9kw/747m, 20-39-37/156-21-46, replaces analog</b>
<b>Wailuku</b>	<b>16</b>	<b>KOGG-DT</b>	<b>NW 50kw/818m, 20-39-37/156-21-46</b>
<b>Wailuku</b>	<b>21</b>	<b>KWHM-DT</b>	<b>QC from ch 45, 23.5kw/755m, 20-39-37/156-21-46</b>
<b>Wailuku</b>	<b>24</b>	<b>KGMV-DT</b>	<b>NW 77kw/755m, 20-39-37/156-21-46</b>
<b>Idaho:</b>			



Cambridge	11	K11PB-D	DR 8w	<i>Little Falls</i>	49	K63DY	QC from ch. 63, 940w
Rexburg	13	K13UF-D	DR 900w	Minneapolis	28	KHVM-LD	XR 45-04-05/ 93-10-29; CL from Mankato
<b>Illinois:</b>				Minneapolis	50	KTCJ-LD	QR from ch. 30, 15kw, 45-04-05/ 93-10-29; CL from St. Cloud
<i>Chicago</i>	13	WOCK-CA	PR<2.4kw dismissed	<i>Wadena</i>	33	K63DX	QC from ch. 63, 800w
Chicago	49	WOCH-CD	NS 15kw, DTV companion for ch. 41 analog facility	Walker	21	K21HX-D	PG>1.9kw
<b>Rockford</b>	13	WREX-DT	PG>15kw but rescinded	<b>Worthington</b>	15	KSMN-DT	PG>1000kw/ 332m
<b>Urbana</b>	26	WCCU-DT	PG>1000kw	<b>Mississippi:</b>			
<b>Indiana:</b>				<b>Bude</b>	18	WMAU-DT	PR<682kw; PG
<b>Bloomington</b>	42	WCLJ-DT	PG>850kw	<b>Meridian</b>	11	WTOK-DT	PG>90kw
<i>Clarksville</i>	45	WNDA-CA	CC from WJYL-	<i>Meridian</i>	42	W42DD	PR<75w, 32-22-39/ 88-44-46
<b>Evansville</b>	7	WEHT-DT	PG>12.5kw/ 316m	<b>Tupelo</b>	49	960920LX- DT	PR 1000kw/ 115m
<i>Evansville</i>	36	WYYW-LP	CC from W36DF	<b>Missouri:</b>			
Indianapolis	19	WDNI-LD	DR 15kw	<b>Osage Beach</b>	49	KRBK-DT	PR<10kw/100 37-49- 10/ 92-44-52; PG
<i>Jeffersonville</i>	9	WJYL-CA	CC from WNDA-	<b>Montana:</b>			
Martinsville	15	WREP-LD	DR 200w	<i>Billings</i>	45	K45KS	PR>1.1kw, 45-45-51/ 108-27-22
<b>Iowa:</b>				<i>Butte</i>	34	K34II	PR>2kw, 46-01-41/ 112-32-04
<b>Mason City</b>	42	KIMT-DT	PG>800kw	<b>Glendive</b>	5	KXGN-DT	QR from ch 10 1kw/152m, 47-02-39/ 104-40-53; QG
<b>Kentucky:</b>				<b>Great Falls</b>	45	KTGF-DT	PR<34kw/308
<b>Danville</b>	31	WDKY-DT	GA from ch. 4, 1000kw/352m	<b>Helena</b>	12	KTVH-DT	QG from ch 14 17.5kw/713m
<b>Louisiana:</b>				Plains & Paradise	5	K05GM-D	DC 17w
<i>Baton Rouge</i>	39	WBXH-CA	PR>150kw, 30-21-58/ 91-12-47 dismissed	Plains & Paradise	7	K07CH-D	DC 30w
<b>Lake Charles</b>	30	KVHP-DT	NW 1000kw/ 315m	Polson	50	K50LB-D	DR 100w
Morgan City	22	KWBJ-LD	PR<8.6kw	Stanford	11	K11WK-D	DG from K07AV, 300w, 47-09-49/ 110-16-30
<b>New Orleans</b>	31	WLAE-DT	NW 200kw/ 274m	<b>Nebraska:</b>			
<b>Maine:</b>				<b>Hayes Center</b>	6	KWNB-DT	QR from ch 18 11.9kw/221m; QG
<b>Augusta</b>	10	WCBB-DT	NW 13.32kw/ 304m; PG>30kw	<b>Kearney</b>	13	KHGI-DT	QG from ch. 36, 8kw/340m
<b>Presque Isle</b>	10	WMEM-DT	NW 14.5kw/ 353m	<b>Omaha</b>	38	KXVO-DT	granted DA
<b>Maryland:</b>				<b>Superior</b>	4	KSNB-DT	QG from ch 34 10kw/338m
<b>Oakland</b>	36	WGPT-DT	QC from ch 54, 45kw	Verdigre	10	K10JW-D	DC 6w
<b>Salisbury</b>	28	WCPB-DT	QC from ch. 56 132kw/155m	<b>Nevada:</b>			
<b>Massachusetts:</b>				<i>Hawthorne</i>	13	K13WI	XG 38-31-26/ 118-37-21
<i>Boston</i>	38	WSBK-TV	AF 200kw/ 373m (aux)	Hawthorne	20	K20FR-D	DR 564kw (presume 564w)
<b>Norwell</b>	10	WWDP-DT	PG>11.9kw	Hawthorne	30	K30FS-D	DR 577kw (presume 577w)
<i>Springfield</i>	28	WFXQ-CA	PG>125kw, 42-05-05/ 72-42-14 (for analog signal. DTV permit on same channel still open)	Hawthorne	33	K33GZ-D	DR 240w
<b>Springfield</b>	40	WGGB-DT	PG>460kw	Hawthorne	48	K48GG-D	DR 661w
<b>Michigan:</b>				Hawthorne	50	K50AI-D	DR 661w
<b>Detroit</b>	14	WKBD-DT	PC>180kw	Las Vegas	17	KEEN-CD	DR 4.1kw, 36-00-36/ 115-00-20
<b>Iron Mountain</b>	8	WDHS-DT	PR>9.3kw/171 amendment from 22kw; PG	<b>Las Vegas</b>	22	KVMY-DT	PG>1000kw
<b>Minnesota:</b>				<i>Laughlin</i>	63	K63HJ	PR>20kw
<b>Bemidji</b>	26	KFTC-DT	NW 4.5kw/ 156m, 47-33-21/ 94-48-04	Truckee	15	K15HY-D	AF 240w, 39-19-24/ 119-56-35, replacement booster
<b>Duluth</b>	27	KCWV-DT	PR>550kw, amendment from 404kw				

for KNPB-5 Reno  
(listed as a translator  
but it's on the same  
channel as KNPB's  
main DTV transmitter)

**New Hampshire:**  
Manchester 9 WMUR-DT AF 4.4kw/  
296m (aux)

**New Jersey:**  
Camden 22 WNJS-DT PG>566kw/  
265m  
Edison 23 WDVb-CA QR from ch. 39 for  
analog signal  
dismissed - has permit  
to operate a digital  
facility on this channel

**New Mexico:**  
Aztec 10 K10CG-D DG 300w, 36-40-17/  
108-13-53  
Caballo 45 K45HJ-D DG 1.2kw  
Clovis 12 KVIH-DT GA from ch 20  
5kw/204m; QG  
Grants 46 K46FI-D DG 200w  
Hobbs 45 K45JA PR>100w, 32-26-11/  
103-09-17; from minus  
offset to none  
Montoya 22 K22EU-D DG 230w  
Portales 14 K14KO-D DG 880w

**New York:**  
New York 2 WKOB-LD DG 300w, 40-44-54/  
73-59-11, DTV  
companion for ch. 42  
analog  
New York 41 W60AI-D PR>3.25kw, 40-45-42/  
73-58-07  
Port Jervis 5 W05CS-D PR>300w, 40-45-22/  
73-59-12; site in NYC

**North Carolina:**  
Asheville 13 WLOS-DT PG>50kw  
Canton 46 W46EC-D NW 1kw, 35-34-06/  
82-54-25 (WUNC-4)  
Cashiers 42 W42DF-D NW 600w, 35-08-06/  
83-05-49 (UNC-TV)  
Charlotte 11 WTVI-DT PG>2.57kw  
Greensboro 43 WLXI-DT PC>130kw  
Greenville 51 WEPX-DT PG>143kw/  
154m  
Hayesville 29 W29DE-D NW 600w, 34-59-57/  
83-51-34 (UNC-TV)

**North Dakota:**  
Dickinson 9 KDSE-DT QC from ch 20,  
8.35kw/244m;  
replaces analog  
Dickinson 38 K38HA-D DG 3.3kw  
Minot 10 KMOT-DT NW 7.69kw/  
207m, replaces  
analog  
Minot 14 KMCY-DT NW 40kw/  
217m

**Ohio:**  
Alliance 45 WNEO-DT QC from ch 46,  
500kw/253m, non-  
DA; replaces analog  
Cleveland 44 WXOX-LD DR 7.3kw dismissed.  
Has filed for 400 watts  
on ch. 31 from a

Lima 35 WOHL-CD different site.  
DR from ch. 25, 9kw,  
40-44-51/  
84-07-55 (to use tower  
- and antenna? - of co-  
owned WLIO-35 after  
it moves to DTV  
channel 8)  
Portsmouth 50 WTZP-LP CC from W50DL  
Toledo 11 WTOL-DT PG<16.9kw/  
305m, non-DA

**Oklahoma:**  
Muskogee 20 KQCW-DT PG>1000kw/  
498m, 36-01-15/  
95-40-32  
Woodward 35 KUOK-DT PG>1000kw

**Oregon:**  
Ashland 39 K39EF-D DG 830w, 42-17-53/  
122-45-01  
Astoria 28 K28FP-D DG 15kw  
Bend 39 KFXO-LP PC<20kw, 44-04-40/  
121-19-49  
Chiloquin 6 K06NS-D DC 193w, 42-15-45/  
121-45-22  
Coos Bay 49 K49DM-D DG 15kw  
Cottage Grove 44 K18EA-D DR 320w  
Florence 32, K54DG, DR 2.5kw (stations  
35, K56DL, already have permits  
40, K58CW, for analog operation  
43, K60DQ, on these channels)  
51 K52DO  
Forest Grove 24 KPWC-LD req. CL from Tillamook  
Klamath Falls 39 K39DP-D DG 10kw  
Medford 28 K28GG-D DG 560w, 42-17-53/  
122-45-01  
Newberg 6 KOXO-DC QG from ch. 51, 12w  
Newport 18 K18FR-D DR 5.4kw, 44-45-23/  
124-02-55  
Powers 34, K61EH-D, DR 100w, 42-54-59/  
38, K64DA-D, 124-04-40 from chs.  
40, K66DG-, 61, 64, 66, 69  
42 K69AM-D  
Prineville 16 K16EM-D DG 200w  
Salem 4 K21GX-D DR from ch. 21, 300w  
Tillamook 24 KPWC-LD NW 5.5kw, 45-12-51/  
123-45-11; DCC for  
ch. 4 analog station

**Pennsylvania:**  
Allentown 39 WLVT-DT QC from ch. 62  
52kw/295m  
Erie 9 WLEP-LP PR<100w, 42-02-21/  
80-03-39  
Harrisburg 10 WHTM-DT PG>19.7kw/  
346m, non-DA  
Pittsburgh 6 WBPA-LP QR from ch. 30, 3kw  
(a separate WBPA-LD  
holds a digital permit  
for the same channel,  
10 watts at a different  
site)

**South Carolina:**  
Charleston 18 WLCN-CA CC from WJRB-  
Charleston 36 WMMP-DT PG>1000kw  
Conway 9 WHMC-DT PG>31.8kw  
Florence 21 WWMB-DT PG>400kw  
Spartanburg 7 WSPA-DT PR>25.7kw/  
667m, amendment  
from 26kw/676m; PG

**South Dakota:**  
**Rapid City** 21 KNBN-DT NW 50kw/  
211m

**Tennessee:**  
**Chattanooga** 13 WRCB-DT PG>100kw/  
370m  
**Hendersonville** 33 WPGD-DT QG from ch. 51, non-  
DA  
**Nashville** 27 WKRN-DT PR>1000kw  
(supercedes permit  
for 986kw)

**Texas:**  
**Arlington** 6 KBFW-LD DR 300w  
**Beaumont** 21 KFDM-DT PR>74kw; PG  
**Bovina** 38 K38KZ-D DG from ch. 63, 390w;  
DC  
**Corpus Christi** 29 K29IP-D NW 950w, 27-47-26/  
97-27-02  
**Dallas** 51 KHFD-LD PR>15kw; CL from  
Greenville  
**El Paso** 18 KDBC-DT PG>413kw/  
467m  
**Houston** 8 KUHT-DT AF 33.3kw/  
310m (aux)  
**Houston** 43 KHLM-LD DG 15kw  
**Lubbock** 16 KPTB-DT QC from ch. 25, 50kw  
**San Antonio** 13 KOVE-LD XR 29-19-38/  
98-21-17  
**San Antonio** 15 KM XU-LP NW 9.99kw, 29-26-29/  
98-30-22  
**San Antonio** 42 K42GJ PG<600w, 29-26-29/  
98-30-22  
**San Antonio** 47 KSAA-LD QG from ch. 28; QR to  
ch. 46 dismissed  
**Snyder** 17 KPCB-DT QC from ch. 10,  
5kw/135m  
**Uvalde** 6 K06PB QG from K49HH,  
990w, 29-21-46/  
99-37-14  
**Victoria** 17 KMOL-LD DR 3.5kw

**Utah:**  
**Alton** 34 K34FO-D DG 38w  
**Blanding** 47 K47JI-D DG 100w  
**Cedar City** 7, K07GQ-, DG 240w, 37-38-21/  
11 K11CQ-D 113-01-53  
**Cedar City** 8 K08MZ-D DG 15w, 37-35-57/  
112-51-23  
**Fremont** 19, K19GO-, NW 31w, 38-25-58/  
20, K20IX-D, 111-37-57 (KUED-7,  
21, K21ID-D, KBYU-11, KSTU-13,  
22 K22HW-D KJZZ-14)  
**Garfield Co.** 43 K43DY-D DG 150w  
**Hatch** 38 K38GQ-D DG 50w  
**Loa** 23, K23II-D, NW 31w, 38-24-25/  
25, K25JF-D, 111-41-52  
27 K27IX-D  
**Long Valley** 44 K44FU-D DG 15w  
**Junction**  
**Long Valley** 50 K50GD-D DG 30w  
**Junction**  
**Orderville** 30 K30CP-D DG 38w  
**Parowan** 32, K32AG-D, DG 250w  
34, K34AG-D,  
36, K36AI-D,  
38, K38CM-,  
42, K42AF-D,  
44, K44DR-D,  
48 K48FJ-D  
**Washington** 28 K28EA-D DG 250w, 37-09-15/  
113-53-00

**Virginia:**  
**Hampton** 11 WGBS-LD DG 300w, DTV  
companion for ch. 7  
analog  
**Lynchburg** 13 WSET-DT PG>28.7kw  
**Lynchburg** 43 WTLU-LD XG 37-21-33/  
79-09-33  
**Norfolk** 33 WTVZ-DT PG>960kw/  
376m  
**Petersburg** 22 WRIC-DT PC>850kw

**Washington:**  
**Aberdeen** 23 KRUM-LP CC from K23AS  
**Longview** 36 KEVE-LP CC from K36DG  
**Olympia** 23 K23AS-D DR 1.5kw, 48-58-31/  
123-08-16, CL from  
Aberdeen  
**Richland** 47 K54DU-D DR from ch. 27  
dismissed  
**Vancouver** 36 K36DG-D PR<7kw, 45-31-21/  
122-44-45, CL from  
Longview  
**Walla Walla** 21 K21JQ-D DG 1.36kw (what does  
this mean for K21EK,  
licensed for analog  
operation at the same  
site?)

**West Virginia:**  
**Mathias** 9 W09CT-D NW 240w, 38-49-15/  
78-53-56

**Wisconsin:**  
**Eau Claire** 13 WEAU-DT PG>26kw, but  
rescinded  
**LaCrosse** 58 W58DQ FC; sold by TBN  
**Milwaukee** 18 WVTV-DT PG>1000kw

**Wyoming:**  
**Rock Springs** 24 K24GZ PG>2.2kw, 41-29-50/  
109-20-36

As I mentioned last month, legislation had been introduced to delay the digital transition. This legislation has passed both houses of Congress, and President Obama has signed it. No fancy names this time; it's simply the "DTV Delay Act".

**THIS BILL DELAYS THE DTV TRANSITION UNTIL JUNE 12<sup>th</sup>.**

As written, the Delay Act didn't outright require any stations to remain on after February 17<sup>th</sup>, but it did allow the FCC to set conditions for on-time signoffs.

First, the Commission required those stations which had filed notices of intent to sign off on-time to refile. Of the 600-something stations that had filed notice, a few more than 100 changed their minds & didn't refile. That left 491 stations who continued to plan to sign off analog on February 17<sup>th</sup>.

368 of those plans were approved. That left



123 stations "...whose early termination poses a significant risk of substantial public harm...". These were stations where all the major-network affiliates (ABC/CBS/Fox/NBC) in a market proposed to cease analog operations. Some of the markets involved included Madison, Mobile/Pensacola, and Eugene.

Also included were stations in outlying areas of geographically large markets, where one or more network affiliates would remain on in the main city, but all of the affiliates covering some corner of that market planned to go off. For example, in Garden City and Ensign, Kansas. Those communities are in the Wichita market. The ABC, CBS, and Fox stations in Wichita proposed to sign off on-time – and were permitted to do so because KSNW-3 (NBC) agreed to remain on. However, KSNG-11, KUPK-13, and KBSD-6 in southwest Kansas all proposed to go off – there is no Fox affiliate out there (OK, there is, but it's a LPTV which doesn't cover much of the territory) – so channels 6, 11, and 13 were denied.

Those 123 stations that were initially denied were given three options:

- Certify compliance with eight measures, listed below.
- Make a showing that extraordinary circumstances (such as the unavoidable loss of the analog transmitter site) make continuing analog operation impossible.
- Change their minds and continue analog operation until June.

The eight measures:

1. The station must ensure at least one station in the market is providing analog "enhanced nightlight service". This means information about the digital transition, emergency information, and local news. It may also include advertising material. Such "nightlight service" must continue for at least 60 days past February 17<sup>th</sup>.
2. Ensure that on-air educational information (both before and after February 17<sup>th</sup>) includes demonstrations of converter box and antenna installation.
3. Provide nightlight service in both English and Spanish\*, and in formats accessible to the physically-challenged. (i.e., that the material is

closed- or open-captioned, and that it is provided aurally for the vision-impaired. \*The requirement for Spanish-language service on English-language stations was repealed a few days later.

4. Provide information on those areas that may temporarily or permanently lose over-the-air coverage as the station transitions to digital.
5. Provide a local or toll-free phone number viewers may call for transition assistance. This may be undertaken individually or jointly with other stations and organizations.
6. Provide a "walk-in center" for this type of information, and to assist with applying for coupons and acquiring converter boxes. These centers should also be redistribution points for those willing to donate coupons, converter boxes, and digital TVs. Again, this may be done individually or in cooperation with other stations.
7. Run a "crawl" on their analog signal, for 5 minutes an hour from February 10<sup>th</sup> through the 15<sup>th</sup>, and 10 minutes an hour on the 16<sup>th</sup> and 17<sup>th</sup>, explaining that the analog signal is going off. The crawl must also specify that this is happening before the statutory June 12<sup>th</sup> date. The crawl will contain the phone number of the FCC Call Center (888-CALL-FCC)
8. Coordinate with community organizations to provide outreach and support.

53 stations certified compliance with the eight measures, and signed off on 2/17 as scheduled. (along with the other 368) Ten stations made the extraordinary-circumstances showing. The rest changed their minds and agreed to continue operating in analog.

For example, in Madison, Fox affiliate WMSN-47 agreed to remain on the air in analog; WISC-3, WMTV-15, and WKOW-27 (along with CW affiliate WBUW-57) have gone off. In Mobile/Pensacola, all four major-network affiliates agreed to remain on.

## SO WHAT'S THE BOTTOM LINE?

Many analog stations will be remaining on the air until June 12<sup>th</sup>. However, many are also gone. This happened so fast I don't know I'll be able to compile a list in time for this *VUD* – I will try, and if I succeed you'll find it elsewhere in this issue.

Now, all this said, June 12<sup>th</sup> isn't the final drop-dead date either!

As I also reported last month, Congress approved an "Analog Nightlight" program that would allow stations to continue analog operation until March 19<sup>th</sup>, but only to provide emergency and transition information.

This bill was worded to allow nightlight operation until 30 days after the date set by Congress for mandatory analog signoff. (it was not worded to allow operation until March 19<sup>th</sup>)

WNBC-4 has already filed notice of intent to engage in 30 days of nightlight operation after June 12<sup>th</sup>.

I doubt we'll have many stations providing nightlight service into July, but we will have some. So at least for now, it looks like the analog drop-dead date is July 12<sup>th</sup>.

Now, on to a moot point but an interesting application:

KNRR-12 Pembina, North Dakota has filed for Special Temporary Authority to leave their analog signal on the air past February 17<sup>th</sup> at a reduced power of 139kW. They didn't get their final construction permit for a channel 12 digital facility until January, and the severe winter weather makes it impossible to install the new transmitter until late spring. They can't remain on their interim digital channel (15) either, as it's been assigned for post-transition use by KGFE Grand Forks.

Of course, this has become a moot point after the passage of S.328 and H.R. 681 – but when the STA was filed those bills had not yet passed. It would have left KNRR the only full-power analog still operating in the U.S....

North of the border, the CRTC has proposed a few rules to handle the DTV transition both in their own country and in the U.S..

Firstly, currently nearly all Canadian cable and satellite subscribers receive at least one set of U.S. signals. HD subscribers get a HD feed – but analog and SD subscribers get a SD feed.

Of course, the SD over-the-air signals of U.S. stations go away in June, if not sooner. (the Canadian proceeding doesn't anticipate the June extension)

Proposed regulations would explicitly allow Canadian cable and satellite companies to downconvert U.S. HD signals to SD for delivery to their SD and analog customers. They would also permit the cable/satellite operators to accept a direct (not over-the-air) SD feed from U.S. stations.

Next, the question of DTV-only stations & analog cable came up. It turns out there is a DTV-only station now, in Ottawa on channel 20. CKXT-DT-3 relays Sun TV from Toronto. The station had received both analog and digital permits but decided, with the digital conversion imminent, not to build the analog transmitter.

Sun TV feels cable operators in the Ottawa area – who are required to deliver the CKXT-DT signal to their digital subscribers – should also be required to deliver it to their analog subscribers.

The CRTC seems disinclined to directly order that. However, they do intend to allow cable operators to downconvert local DTV signals to analog. They also propose to require downconversion of all Canadian OTA stations if the system offers any downconverted signals.

In effect, this proposal seems likely to require downconversion of DTV-only stations – since nearly all systems carry U.S. stations, and will have to downconvert these stations in order to continue delivering them to analog subscribers after June. That downconversion of U.S. signals would trigger the requirement to also downconvert Canadian DTV-only stations.

Good DX!





# FM NEWS

From WTFDA.info and w9wi.com



BILL HALE, 6124 ROARING SPRINGS DR, N. RICHLAND HILLS TX 76180

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## INDEX OF ABBREVIATIONS

APP	application	STA	authority to begin testing)
APP Mod	Change to an already submitted application	Special Temporary Authority	
AUX	auxiliary facilities (backup)	ROA	(at the) request of applicant
CL	city of license (to or from)	XL	Transmitter Location
Class	FM license class		
CP	construction permit (authority to broadcast with facilities noted)	AS	American Samoa
CP Mod	change to an already granted CP	GU	Guam
DA	directional antenna	NMI	Northern Mariana Islands
FC	frequency change (to or from)	VI	Virgin Islands
LC	License to Cover (station has ended testing and has been given authority to begin operation)		Note: antenna heights are HAAT except where noted
NDA	non-directional antenna		
PTA	Program Test Authority (station has been given		

## --- CANADA ---

### B CALL LETTER CHANGES B

		<u>Old Call</u>	<u>New Call</u>
AB Drumheller	99.5	NEW	CHOO
MB Grand Rapids	98.7	NEW	CHGR
ON Elliot Lake	102.5	NEW	CJTK-3

### B FORMAT and SLOGAN CHANGES B

BC Chilliwack	89.5	CHWK	> <i>The Hawk</i>	ON Woodstock	103.9	CKDK	> Classic Hits
ON Cambridge	107.5	CJDV	> Classic/Active Rock; remains <i>Dave FM</i>	SK Saskatoon	98.3	CJMK	> AC: remains <i>Magic 98 point 3</i>
ON Pembroke	99.7	CKQB-1	> <i>Virgin Radio</i>				

### --TECHNICAL CHANGES B

BC Squamish	98.3	CBRU(FM)	Moved here from 1270 AM				programming (Tamil Radio)
NB Oromocto	103.5	CKHJ-2	250 w; decrease antenna height	QC Saint-Jerome	101.9	CFND-FM	49 w/24 m
ON London	99.9	CHJX	500 w (max) and increase antenna height; FC from 101.5	QC Sherbrooke	102.1	CHLT	Is now on here with 5.8 kw, having moved from 630 kHz after 72 years on AM
QC Montreal	89.3	CISM	Authorized use of sub-carrier (SCMO) to broadcast Sri Lankan	YT Teslin	100.7	NEW	10 w; Christian // CIAY-100.7

### --TECHNICAL CHANGES --

#### - GRANTS FOR NEW STATIONS -

		<u>CP granted for:</u>					
MB Grand Rapids	98.7	NEW	41 w	PE Elmira	103.7	NEW	3.36 kw (max); Active Rock // CKQK-105.5
ON London	98.1	NEW	7 kw (max); AAA	PE Saint Edward	89.9	NEW	5 kw (max); Classic Hits // CHTN-100.3
PE Elmira	99.9	NEW	3.36 kw (max); Classic Hits // CHTN-100.3	PE Saint Edward	91.1	NEW	5 kw (max); Active Rock // CKQK-105.5

### --TECHNICAL CHANGES B

#### - APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -

		<u>Applies for:</u>					
BC Revelstoke	106.1	CKCR(FM)	800 w; move from 1340 AM	ON Caledon	102.7	CFGM	AM Convert existing tourist facility to a regular commercial station
BC Vancouver	97.7	CBUF	Applies to use sub-carrier (SCMO) to broadcast Fijian programming	ON Little Current	100.7	CFRM	27.5 kw; decrease antenna height
BC Vancouver	104.1	CHHR (CP)	10 kw (max); FC to 104.3	ON Ottawa	99.7	CIIO	1 kw (max) and increase antenna height
NF Happy Valley-Goose Bay	97.9	CFLN(FM)	1 kw; move from 1230	ON Windsor	91.5	CJAM	456 w; FC to 99.1
AM NF Wabush	94.7	CFLW	1 kw; move from 1340				

### --TECHNICAL CHANGES -- - PROPOSALS FOR NEW STATIONS -

<u>Applies for:</u>	BC Gabriola Island	98.7	NEW	80 w; Community
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BC Smithers	93.9	NEW	5 w; Community				Rock-Pop
BC Whistler	101.5	NEW	1.87 kw (max); Hot AC	ON Ottawa	99.7	NEW	100 kw (max); Soft AC
MB Arborg	99.5	NEW	119 w; AC // proposed station on 93.7 at Winnipeg Beach	ON Ottawa	99.7	NEW	10 kw (max); AAA
				ON Ottawa	101.7	NEW	3.25 kw (max); Community (French)
MB Winnipeg Beach	93.7	NEW	1.64 kw; AC	ON Ottawa	101.9	NEW	3 kw (max); Blues [see dismissals] NEW
NL Goose Bay	97.9	CFLN(FM)	1 kw/25.4 m	ON Ottawa	101.9	NEW	450 w (max); Christian
NL Wabush	94.7	CFLW(FM)	1 kw/-26.4 m	ON Ottawa	101.9	NEW	10 kw (max); News-Talk
				ON Ottawa	101.9	NEW	200 w; Tourist Information
NS Amherst	107.9	NEW	6.5 kw; Community	ON Windsor	97.5	CBE(FM)	19 kw/130.1 m
NS Truro	106.1	NEW	5 w; Community				[reapplication]
ON Leamington	91.9	NEW	10.45 kw (max)/73.6 m; CBC Radio 1 [amendment from previous application on 91.5]	QC Gatineau	101.9	NEW	250 w (max); College (French)
ON Ottawa	99.7	NEW	8 kw (max); Alternative				
<b>- DISMISSALS -</b>							
ON Guelph	101.5	CJOY	APP to move here from 1460 AM				wish to proceed with their original application, was rescinded after the CRTC was ordered to review those decisions and reschedule a new hearing after receiving a number of complaints from several minority groups in the Ottawa area]
ON Guelph	101.5	-----	(3) APPs for new station				
ON London	98.1	-----	(5) APPs for new station				
ON Ottawa	99.7	-----	Soft AC application				
ON Ottawa	101.9	CIDG	Blues	ON Saint Thomas	94.1	-----	APP for new station
[The previous application, along with one which did not				ON Saint Thomas	98.1	-----	APP for new station

**--- UNITED STATES AND TERRITORIES ---**  
**FULL POWER and LPFM STATIONS**

**B CALL LETTER CHANGES B**

		<u>Old Call</u>	<u>New Call</u>				
AK Ruby	98.1	NEW	KRBY	NM Shiprock	90.5	NEW	KFDC
AS Nu-uuli	89.7	NEW	KMOA	NM Tucumcari	89.3	NEW	KENM
AZ Doney Park	97.9	NEW	KZXX	NY Auburn	90.3	NEW	WVWA
AZ Kaibito	90.1	NEW	KCHB	NY Calcium	94.1	WEFX	WOTT
CA Butte City	91.3	NEW	KRNR	NY Henderson	100.7	WOTT	WEFX
CA Mojave	96.1	KMVE	KCEL	NY Lakewood	88.9	NEW	WYRR
CA San Luis Obispo	88.5	KLVH	KGCO [on 2/3/09]	NY Nepeague	90.7	NEW	WEGB
				NY Odessa	89.9	NEW	WINO
CA San Luis Obispo	88.5	KGCO	KLVH [on 2/10/09]	NC Harkers Island	104.5	WAVQ	WSTK
				OH Cincinnati	95.7	WRFQ-LP	WVQC-LP
CO Crook	88.1	NEW	KOOW	OH Delaware	107.9	WODB	WVMX
CO Fort Collins	88.3	KLHV	KGCO	OH Richwood	104.3	WJZK	WODB
CO Pitkin	90.1	NEW	KPKN	OK Broken Bow	88.3	NEW	KBWW
CO Red Feather Lakes	88.7	KGCO	KEZC	OK Goltry	90.5	NEW	KWGT
FL New Port Richey	91.5	WLPJ	WCIE	OK Granite	91.9	NEW	KGOD
GA Fayetteville	97.5	WUMJ	WPZE	OK Granite	91.9	KGOD	KHEB
GA La Grange	91.9	WVWF	WBRQ	OK Healdton	89.3	NEW	KAZC
GA Mableton	102.5	WPZE	WAMJ	PA Bradford	90.5	NEW	WTWT
IL Kincaid	89.1	NEW	WHJH	PR Cidra	97.7	WBRQ	WVNM
IN Lowell	89.1	WWLO	WLPR-FM	PR Culebra	98.7	WJZG	WNVE
IA Sibley	104.3	KIMZ	KUSQ	RI Providence	96.5	NEW	WIGV-LP
IA Storm Lake	88.1	NEW	KOIA	SC Sumter	94.7	WICI	WWBD
KS Oketo	88.7	NEW	KOKN	SD Frankfort	89.5	NEW	KTUT
LA Kentwood	91.5	NEW	WPEF	TN Ripley	94.9	WKVZ	WGQC
LA Mansfield	104.7	KORI	KHMD	TX Bovina	90.9	NEW	KOVA
ME Bangor	97.1	WAEI	WAEI-FM	TX Caldwell	107.3	KULF	KAPN
ME Kennebunkport	88.3	NEW	WMTP	TX Muenster	88.7	NEW	KTMU
MA Bayview	88.5	NEW	WPMW	TX Wheeler	91.3	NEW	KBDW
MD Midland	88.3	NEW	WYUR	UT Cedar City	88.9	NEW	KCHG
MS Louisville	90.7	NEW	KOUI [correct]	UT Paragonah	91.3	NEW	KRRA
MS New Hebron	91.9	NEW	WSMP	VA Clifton Forge	90.9	NEW	KCFF [correct]
MO Licking	91.1	NEW	KIKG	WA Aberdeen	94.3	KBSG-LP	KCFL-LP
MO Hayti	94.9	WKVZ	WGQC	WA Clarkston	88.1	NEW	KUCC
MT Wyola	90.9	NEW	KZXX	WA Fall City	104.5	KCFL-LP	KBSG-LP
NE Franklin	90.1	NEW	KNEF	WA Friday Harbor	91.9	NEW	KSJU
NE Humboldt	89.9	NEW	KNHU	WA West Clarkston	89.7	NEW	KAUC
NE Kimball	88.3	KEZF	KGCC	WI Owen	90.1	NEW	WVCS
NE Shubert	91.3	NEW	KSSH	WY Burns	88.9	KGCC	KEZF
NH Colebrook	97.1	NEW	WUKV	WY Fort Washakie	90.9	NEW	KFTW
NJ Lakehurst	91.7	NEW	WLNJ	WY Kirby	90.5	NEW	KKBY
NM Hurley	88.1	NEW	KOOT	WY Rawlins	89.3	NEW	KRWY

**B FORMAT AND SLOGAN CHANGES B**

AL Greensboro	99.1	WDGM	> Sports
AL Northport	88.1	WSJL	> Religious Teaching
AK Wasilla	100.9	KAYO	> Classic Country
AZ Pinetop-Lakeside	89.5	KRCI	> Religious Teaching
AR Fort Smith	90.7	KEAF	> Religion
AR North Little Rock	101.1	KWBF-FM	> AAA: <i>The Pig</i>
AR Osceola	107.3	KQMJ	> Adult R & B
CA California City	106.9	KMVE	> Classic Hits
CA Columbia	98.9	KCVR-FM	> Romantica
CA Guadalupe	97.1	KRTO	> R&B Oldies
CA Los Angeles	97.1	KLSX	> Top 40: Amp Radio
CA Mojave	96.1	KCEL	> Regional Mexican: <i>Radio Lazer</i> // KUTY-1470
CA Pescadero	89.3	KPDO	> Classical

CA	Susanville	93.3	KJDX	> Country
CO	Fort Collins	88.3	KGCO	> Southern Gospel
FL	Century	105.1	WPFL	> Classic Country
FL	Clewiston	99.5	WAFC-FM	> Regional Mexican: <i>Radio Fiesta</i>
GA	Fayetteville	97.5	WPZE	> Adult R&B // WJZZ-107.5
GA	LaGrange	91.9	WWOF	> Regional Mexican: <i>Radio Fiesta</i>
GA	Mableton	102.5	WAMJ	> Black Gospel
GA	Roswell	107.5	WJZZ-FM	> Adult R&B: <i>Majic 107point 5</i>
IL	Christopher	103.5	WXLT	> Sports: ESPN
IL	Des Plaines	106.7	WPPN	> Spanish Urban Contemporary
IL	Highland Park	103.1	WVIV-FM	> Spanish Adult Hits: <i>Recuerdo</i>
IL	Joliet	93.5	WVIX-FM	> Spanish Adult Hits // WVIV-FM 103.1
IL	Ottawa	95.3	WRKX	> Adult Hits
IL	Paris	98.5	WIBQ	> News/Talk
IN	Lowell	89.1	WWLO	> News/Talk: NPR: <i>The Lakeshore 89 point 1</i>
IN	Vincennes	96.7	WFML	> Variety
IA	Sibley	104.3	KUSQ	> Country: <i>US 104</i>
LA	Addis	105.5	KDDK	> Spanish Hits // KGLA-1540
ME	Dexter	102.1	WGUY	> Contemporary Christian: K-Love
ME	Machias	91.7	WUMM	> Variety
ME	Searsport	101.7	WFZX	> Contemporary Christian
MI	Manistee	101.5	WMTE-FM	> Classic Hits
MT	Great Falls	106.1	KQDI-FM	> Rock
NE	Lincoln	102.7	KBZR	> Religious Teaching // KVSS-88.9
NV	Smith	92.3	KSVL	> Talk
NJ	Hopatcong	88.1	WDNJ	> Spanish Christian Contemporary
NY	Calcium	94.1	WEFX	> Rock: Real Rock // WOTT-100.7
NY	Henderson	100.7	WOTT	> Classic Hits
NC	Aurora	104.5	WSTK	> Southern Gospel
NC	Belhaven	101.1	WQZL	> The Touch
NC	Jacksonville	92.3	WQSL	> R&B: <i>The Touch</i>
OH	Columbus	97.1	WBNS	> Sports Talk: <i>The Fan // 1460</i>
OH	Delaware	107.9	WODB	> Hot AC: Mix 107 point 9
OK	Coalgate	105.5	KFXC	> Urban AC: 105 point 5 The X-Factor
OK	Holdenville	106.5	KTLS-FM	> Classic Rock
OK	Woodward	95.9	KZCU	> News // KCCU-89.3
OR	Dayton	96.3	KQSO-LP	> Variety
OR	Hillsboro	96.3	KQRZ-LP	> Religious Teaching
SC	Charleston	100.5	WALC	> Contemporary Christian: <i>His Radio</i>
SD	Sioux Falls	90.1	KSFS	> Contemporary Christian: <i>K-Love</i>
TX	Bridgeport	98.3	KBOC	> La Z 98 point 3
TX	Burnet	92.5	KBEB	> Adult Hits // KHLB-102.5
TX	Caldwell	107.3	KULF	> Adult Contemporary
TX	Clarendon	99.3	KEFH	> Classic Hits
TX	Fort Worth	107.5	KMVK	> Spanish CHR: <i>Mega107 point 5</i>
TX	Kempner	106.9	KHLE	> Adult Hits // KHLB-102.5
TX	Levelland	105.3	KJDL-FM	> Country
TX	Mason	102.5	KHLB	> Adult Hits
TX	Denton	99.1	KFZO	> Regional Mexican
TX	Morton	91.9	KPGA	> Christian Rock: Air 1
TX	Navasota	92.5	KWUP	> Contemporary Christian // KSBJ-89.3
TX	Post	107.3	KPOS	> Southern Gospel: <i>God's Country</i>
UT	Centerville	105.7	KTMV	> Spanish Adult Hits
VT	Bristol	90.5	WXLQ	> News/Talk // WSLU-89.5
VA	Lynchburg	101.7	WSNZ	> Classic Hits // WSNV-93.5
VA	Vinton	106.1	WZBL	> Classic Country
WA	Asotin	89.3	KJCF	> Religious Teaching: CSN
WA	South Bend	107.9	KLSY	> Classic Hits // KFMV-97.7
WI	Nekoosa	105.5	WRCW	> Oldies: <i>Kool Gold 105 point 5</i>
WY	Laramie	93.9	KUSZ	> Rock
WY	Laramie	96.7	KIMX	> CHR

## BTECHNICAL CHANGES B B NOW ON THE AIR B

AL	Eva	99.9	WRJL-FM	25 kw/97 m, 34-18-43/86-43-54; Class C3 from A
AL	Orrville	100.9	WALX	50 kw/150 m, 32-21-40/86-52-28; CL from Selma
AK	Unalaska	89.7	KUCB	1 kw/-94 m, 53-52-35/166-32-24; Class A
AK	Wasilla	100.9	KAYO	50 kw/-84 m, 61-38-21/148-59-56; Class C2
AZ	Phoenix	91.5	KJZZ	100 kw/490 m, 33-19-58/112-03-53
AR	Fort Smith	90.7	KEAF	26 kw-V/636 m, DA, 35-09-56/93-40-36
CA	Hopland	88.7	KORB	100 w-V/-331 m, 38-58-15/123-06-50
CA	Mojave	96.1	KCEL	630 w/251 m, 35-05-38/118-16-00; Class A
CO	Walsenburg	89.3	KTAW	500 w-V/115 m, 37-37-39/104-49-17
FL	Daytona Beach	94.5	WCFB	100 kw/451 m, 28-58-47/81-27-20
FL	Port Saint Lucie	100.1	WEHR-LP	92 w-H/31 m, 27-16-29/ 80-17-11
GA	Brunswick	88.9	WWIO-FM	11.5 kw/46 m, 31-11-20/81-29-05; Class C3
GA	Wrightsville	107.9	WDBN	25 kw/100 m, 32-37-05/82-46-05
ID	Pocatello	92.1	KEGE	12 kw/301 m, 42-52-26/112-30-47
ID	Sun Valley	91.9	KWRV	100 w/657 m, 43-39-41/114-24-08
ID	Twin Falls	95.7	KEZJ-FM	100 kw/198 m, 42-43-42/114-24-48
LA	Mansfield	104.7	KHMD	25 kw/100 m, 31-57-49/93-53-58
MD	Baltimore	104.3	WCHH	13 kw/294 m, DA, 39-20-10/76-38-59
MI	Tawas City	88.9	NEW	3.4 kw-V/92 m, 44-24-48/83-37-14
MN	Bemidji	106.3	KBJI-LP	65 w/37 m, 47-33-21/98-48-04
MN	Fisher	100.3	KSNR	100 kw/172 m, 47-58-38/96-36-42; CL from Thief River Falls
MS	Flora	103.9	WYAB	6 kw/88 m, 32-31-24/90-15-52
MS	Olive Branch	101.1	KJMS	100 kw/171 m, 35-13-22/90-02-36
MT	Bozeman	92.7	KMEA-LP	100 w (adds V)/-71 m, 45-39-45/110-59-54; FC from 107.7
NE	Papillion	102.7	KBZR	54 kw/386 m, 41-04-16/96-13-31; CL from Lincoln
NJ	Hopatcong	88.1	WDNJ	500 w/118 m, DA, 40-56-25/74-36-48



NM	Dexter	96.1	KALN	50 kw/138 m, 33-23-57/104-22-30; Class C2
NY	Ossining	90.3	WDFH	53 w/145 m, DA, 41-09-07/73-47-10
ND	Flasher	105.9	KKBO	100 kw/278 m, 46-35-23/100-47-39
OR	Nyssa	98.7	KARO	85 kw/305 m, 43-24-09/116-54-09
SC	Columbia	99.3	WXRY-LP	17 w-H/72 m, 34-00-12/81-02-04
SC	Isle of Palms	95.7	WIOP	50 kw/107 m, 32-49-27/80-00-10; CL from Bamberg
TX	Carrizo Springs	93.5	KAJP	6 kw/77 m, 28-30-32/99-52-37; Class A
TX	Morton	91.9	KPGA	100 kw/159 m, 33-33-01/102-13-07
VT	Bristol	90.5	WXLQ	160 w/181 m, DA, 44-13-24/73-07-27; Class A
WA	Asotin	89.3	KJCF	175 w/-100 m, 46-19-56/117-02-34; Class A
WA	Pullman	90.7	KZUU	420 w/30 m, XL to 46-43-51/117-09-42
WV	Webster Springs	100.3	WAFD	32.2 kw/186 m, 38-27-39/80-25-13
WI	Altoona	98.1	WISM-FM	25 kw/84 m, DA, 44-46-38/91-28-29

## B TECHNICAL CHANGES B

- FCC ACTIONS -

### CP GRANTED FOR:

AL	Goodwater	90.9	WTXN	8.5 kw/113 m, DA, 33-12-28/85-59-17; FC from 91.1
AL	Munford	92.7	WTDR	250 w/481 m, 33-29-06/85-48-32; CL from Talladega
AK	Sterling	105.3	KKNI	7 kw/87 m, 60-29-19/150-44-43; CL from Seward; Class C3 from A
AZ	Bullhead City	89.9	KVIR	CP Mod for 8 kw-V/709 m, DA, 35-15-08/114-44-58
AZ	Lake Havasu City	96.9	KRCY-FM	1.05 kw/825 m, 34-33-06/114-11-37; FC from 96.7
CA	Bayside	91.5	KNHM	500 w/515 m, (to) DA, XL to 40-43-38/123-58-22
CA	Montecito	92.9	KJEE	3.75 kw/258 m, XL to 34-29-43/119-49-23; Class B1 from A
CO	Center	103.5	KPAU	460 w-H (drops V)/8 m, XL to 37-47-20/106-06-43; FC from 107.3
CO	Merino	94.5	KRGQ	CP Mod for 15 kw/124 m, XL to 40-31-57/103-07-22; CL from Yuma
CO	South Fork	91.5	KTML	CP Mod for 280 w-V/492 m, 37-43-47/106-35-18; Class C3
FL	Cross City	88.5	WWLC	100 kw/103 m, (to) DA, XL to 29-31-35/83-14-17
FL	Buena Ventura Lakes	95.7	WBVL-LP	29 w-H (drops V)/54 m, 28-14-42/81-18-12
GA	Tignall	90.3	WVNG	CP Mod for 5 kw-V (drops H)/82 m, (to) DA, 33-40-33/82-37-15
IL	Chatham	100.5	WYMG	50 kw/149 m, DA, 39-39-40/89-55-18; CL from Jacksonville
IL	Savoy	99.1	WXTT	50 kw/152 m, 40-08-53/87-46-21; CL from Danville
IN	Cole	88.5	WVXI	1 w-H/1 kw-V/57 m, (to) DA, 40-29-02/85-45-32; FC from 88.1
KY	Branchville	105.3	WGFG	12 kw/146 m, DA, 33-26-35/80-48-16; FC from 105.1; Class C3 from A
LA	New Roads	88.3	KPCP	CP Mod for 6 kw/31 m, DA, 30-44-08/91-24-58
MD	Fruitland	107.7	WKHI	5.3 kw/106 m, 38-23-00/75-24-53
MA	Worcester	91.9	WBPR	415 w-V (drops H)/201 m, DA, 42-18-34/71-54-10
MN	Cook	88.9	WQRN	16 kw/70 m, DA, 47-53-09/92-39-47; FC from 88.3
MS	Ocean Springs	103.1	WOSM	100 kw/204 m, XL to 30-36-21/88-38-51; Class C1 from C2
MT	Broadus	91.1	KCBG	CP Mod for 20 kw/132 m, 45-28-21/105-30-00
NY	New York	91.5	WNYE	2 kw/281 m, XL to 40-45-22/73-59-12
NY	Remsen	93.5	WOKR	3 kw/144 m, XL to 43-16-51/75-18-14
NM	Tucumcari	91.7	KVLP	CP Mod for 570 w/95 m, 35-08-23/103-44-35
NC	Southport	107.5	WAZO	75 kw/137 m, 34-03-02/77-57-20; Class C1 from C2
NC	Wilmington	90.5	WWIL-FM	40 kw-V (drops H)/145m, XL to 34-14-37/78-07-24
OH	Celina	94.3	WKKI	5.2 kw/108 m, XL to 40-34-21/84-35-22
OH	Marion	91.9	WXMf	5 kw/103 m, (to) DA, 40-36-51/83-12-56
SC	Branchville	105.3	WGFG	12 kw/146 m, 33-26-35/80-48-16; FC from 105.1
SD	Arlington	89.9	KSRJ	21 kw/142 m, DA, 44-23-23/97-09-17; Class C2
TN	Middleton	100.3	WYDL	25 kw/100 m, 35-00-13/88-39-39; FC from 100.7
TN	Pasquo	98.9	WRFN-LP	7 w/107 m, 36-02-30/86-59-31
TX	Santa Fe	90.5	KJIC	36 kw/174 m, (to) DA, XL to 29-17-43/95-15-22; Class C2 from C3
VA	Big Island	103.9	WXCF-FM	200 w/518 m, 37-28-19/79-22-28; CL from Clifton Forge
WI	Kiel	91.3	WSTM	88 w-H/1.1 kw-V/144 m, 43-43-23/88-03-52
WI	Rhineland	97.3	WHDG	100 kw/168 m, XL to 45-22-50/89-11-22; FC from 97.5
WY	Albun	104.3	KKAW	4.5 kw/162 m, 41-29-31/104-05-07
WY	Cody	91.1	KOFG	4 kw/549 m, 44-29-46/109-09-09; Class C1 from A
WY	Hillsdale	92.3	KYOY	4 kw/30 m, XL to 41-10-02/104-24-53; CL from Kimball, Nebraska

## B TECHNICAL CHANGES B

- AUXILIARY FACILITIES -

### Aux License Issued For:

CO	Bayfield	107.1	KLJH	49 kw-H/581 m, 37-21-46/107-47-40
FL	Clearwater	97.9	WXTB	100 kw/358 m, 28-10-56/82-46-06
FL	Eustis	90.3	WIGW	10 w-H//8.25 kw V/73 m, DA, 28-58-18/81-45-15
FL	Orlando	105.1	WOMX-FM	4.4 kw/453 m, 28-34-51/81-04-32
MA	Pittsfield	95.9	WBEC-FM	2 kw/-21 m, 42-26-40/ 73-16-46
MD	Baltimore	104.3	WCHH	20 kw/40 m, 39-20-10/76-38-59
NJ	New Brunswick	98.3	WMGQ	1.2 kw/159 m, 40-28-33/74-29-34
ND	Fargo	97.9	KFNW-FM	4.3 kw-V/58 m, 46-48-07/96-52-59
PA	Philadelphia	96.5	WRDW-FM	5 kw/164 m, 40-02-19/75-14-14
TN	Cleveland	100.7	WUSY	100 kw/274 m, 35-12-26/85-17-10
TX	Cleveland	97.1	KTHT	10 kw/525 m, 32-32-06/95-01-04
TX	Kilgore	96.1	KKTX-FM	10 kw/141 m, 32-22-14/94-56-20
TX	Victoria	107.9	KIXS	10 kw/88 m, 88 m, 28-42-24/96-50-06
WI	Milwaukee	96.5	WKLH	11.5 kw/98 m, 43-09-04/88-07-25
WI	Brookfield	106.9	WJZX	600 w/105 m, 43-02-49/87-58-52

## B TECHNICAL CHANGES B

- GRANTS FOR NEW STATIONS -

### CP Granted For:

AL	Moundville	88.5	NEW	1 w-H/6 kw-V/43 m, DA, 32-59-28/87-37-23
AK	Sitka	88.9	NEW	1 kw/-94 m, 57-03-48/135-21-04; Class A
AZ	Payson	89.3	NEW	1 kw/301 m, DA, 34-17-17/111-11-32; Class C3
AZ	Quartzsite	91.7	NEW	100 w/-63 m, 33-40-19/114-12-24; Class A
AZ	Springerville	89.1	NEW	300 w/513 m, 34-06-35/109-34-26; Class C3



CA	Pala	91.3	NEW	100 w/-325 m, DA, 33-22-00/117-04-05; Class A
CO	Dove Creek	91.1	NEW	100 kw/47 m, 37-52-02/109-22-51/; Class C0
IL	Kincaid	89.1	WHJH	45 kw/120 m, DA, 39-16-05/89-16-07; Class B
LA	Patterson	90.1	NEW	100 kw-V/24 m, 29-35-07/91-06-34; Class C1
ME	Lincoln	90.5	NEW	65 w/145 m, DA, 45-20-46/68-30-24; Class A
MN	Fairmont	90.1	NEW	22 kw-V/69 m, DA, 43-29-35/94-36-43; Class C3
NV	Elko	89.3	NEW	5 kw/237 m, 40-54-35/115-49-05; Class C2
NJ	Lakehurst	91.7	NEW	4 kw/44 m, DA, 40-04-07/74-28-09; Class A
NM	Tucumcari	89.3	KENM	165 w/265 m, 35-08-04/103-41-53; Class A
NY	Auburn	90.3	NEW	4.3 kw/71 m, DA, 42-58-47/76-32-40; Class A
NY	Calcium	94.1	WEFX	21.5 kw/108 m, 43-58-00/75-48-11; Class C3
OK	Mooreland	104.5	NEW	100 kw/299 m, 36-36-10/99-25-34; Class C1
TX	Aspermont	93.1	NEW	38 kw/170 m, 33-08-13/100-25-56; Class C2
TX	Big Wells	102.1	NEW	3.1 kw/140 m, 28-32-47/99-40-51; Class A
TX	Channing	90.3	NEW	45 kw/103 m, 36-00-14/102-20-55; Class C2
TX	Cotulla	96.3	NEW	13.5 kw/137 m, 28-25-20/99-17-06; Class C3
TX	George West	106.3	NEW	2.75 kw/150 m, 28-16-45/98-13-41; Class A
TX	Junction	91.3	NEW	6 kw/65 m, 30-28-42/99-48-05; Class A
TX	Matador	96.7	NEW	36 kw/175 m, 33-58-51/101-04-45; Class C2
VI	Christiansted	90.9	NEW	10 kw/237 m, 17-44-07/64-40-46; Class B1
WA	Friday Harbor	91.9	KSJU	100 w/114 m, DA, 48-33-25/123-01-29; Class A

## B TECHNICAL CHANGES B

### - APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -

#### Applies for:

AL	Ashland	100.7	WCKF	1.7 kw/190 m, 33-19-14/85-51-39
AL	Ozark	103.9	WJRL-FM	25 kw/89 m, 31-26-35/85-33-49; CL to Fort Rucker
AL	Steele	91.1	WAYU	CP Mod for 150 w-V (would drop H)/60 m, (would drop DA), 33-57-30/86-13-01
AZ	Drake	89.5	KJZA	1 kw/770 m, 35-12-00/112-12-18; Class C3 to C2
AZ	Parker	90.3	KWFH	CP Mod for 20 kw/266 m, DA, XL to 34-07-29/114-12-34; FC from 90.1; Class A to C3
AZ	Seligman	103.3	KZKE	APP Mod for 7.7 kw/138 m, 35-19-28/112-45-52; Class A to C3
AR	Cale	91.7	KEJA	CP Mod for 3 kw/136 m, (would drop DA), 33-28-34/93-16-23; Class C2 to A
CA	Hopland	88.7	KORB	CP Mod for 11 w (would add H)/425 m, 38-55-54/ 123-08-30
CA	Pavo	91.3	NEW	APP Mod for 100 w-H// 15 kw-V/75 m, DA, XL to 31-07-54/83-46-49
CO	Frisco	90.7	KMPB	CP Mod for 3.2 kw (would drop H)/-89 m, 39-29-47/106-01-43
CO	Lakewood	88.1	KVOD	2.1 kw/275 m, (to) DA, XL to 39-43-49/105-15-00
CO	Stratton	97.1	KGGY	CP Mod for 6.5 kw (would add V)/ 70 m, XL to 39-20-59/102-35-34; FC to 96.7; Class C1 to C3
FL	Green Cove Springs			
		92.7	WROO	APP Mod for 5.5 kw/104 m, DA, XL to 29-32-07/81-15-50; CL to Beverly Beach
FL	Miami	101.5	WLYF	100 kw/248 m, 25-57-59/80-12-44
GA	Augusta	105.7	WEKL	100 kw/371 m, 33-25-17/81-50-19
GA	Damascus	89.7	WGIA	CP Mod for 2.2 kw/61 m, DA, 31-21-25/84-48-31
GA	Evans	92.3	WAEG	6 kw/100 m, 33-35-25/82-13-52
GA	Louisville	92.1	WPEH-FM	6 kw/91 m, 33-00-48/82-23-33
GA	Tallapoosa	88.7	WEYU	4 kw/22 m, DA, 33-43-53/85-19-00
GA	Tignall	90.3	WVNG	CP Mod for 5 kw-V (drops H)/82 m, (to) DA, 33-40-33/82-37-15
GA	Toombsboro	91.9	NEW	CP Mod for 2.3 kw/146 m, XL to 33-04-38/83-08-48; Class C3 to A
ID	Culdesac	98.5	KZID	CP Mod for 3.5 kw/129 m, XL to 46-24-43/116-25-51; CL from Orofino; Class C3 from A
IL	Mount Carmel	94.9	WYNG	50 kw/150 m, 38-23-57/87-47-18
IA	Sioux City	103.3	KTFC	100 kw/193, XL to 42-29-06/96-18-19
KS	Pleasanton	93.7	NEW	CP Mod for 25 kw/99 m, 38-14-23/94-56-36
KY	Albany	106.3	WANY-FM	6 kw/56 m, 36-41-54/85-09-00; FC to 100.9
KY	Danville	107.1	WLAI	3.6 kw/128 m, (to) DA, XL to 37-57-37/82-32-42; CL to Wilmore
KY	Hartford	106.3	WXMZ	6 kw/100 m, XL to 37-21-38/86-48-14; FC to 99.9
KY	Horse Cave	106.3	WHHT	50 kw/123 m, XL to 37-02-39/86-11-00; Class A to C2
KY	Lebanon	100.9	WLSK	3.9 kw/126 m, (would drop DA), 37-41-43/85-19-06; Class A from C3
KY	Paducah	91.7	WNFC	CP Mod for 12.3 kw/89 m, DA, 37-03-41/88-50-26
LA	Gray	96.7	KMYO-FM	50 kw/115 m, 29-36-31/90-53-45; CL from Morgan City
MI	Hanover	90.9	WJKZ	CP Mod for 2.45 kw-V (would drop H)/79 m, XL to 42-09-51/84-54-04; FC to 91.1; CL to Homer
MS	Dekalb	90.3	NEW	APP Mod for 2 kw-V/112 m, XL to 32-38-37/88-40-29
MO	Cameron	91.7	WJTJ	CP Mod for 28 kw/118 m, DA, XL to 39-57-28/94-06-55
NE	Lincoln	101.9	KOOO	100 kw/302 m, XL to 41-18-32/96-01-33; CL to La Vista
NV	Overton	106.9	KONV	CP Mod for 100 kw-H (would drop H)/276 m, (to) DA, XL to 36-57-59/114-33-21; Class C to C1
NM	Hurley	88.1	KOOT	CP Mod for 2 kw/51 m, 32-49-29/108-14-54
NM	Roswell	99.3	KWFL	16.4 kw/133 m, 33-21-47/104-38-11
NY	New Rochelle	93.5	WVIP	CP Mod for 1.75 kw/132 m, XL to 40-52-48/73-52-40
NC	Roanoke Rapids	88.5	WRTP	24 kw/146 m, 36-17-44/78-06-21; CL to Franklinton
OK	Cleveland	91.1	KJOG	CP Mod for 19 kw/94 m, DA, 36-18-47/96-46-20
OR	Lake Oswego	106.7	KLTH	100 kw/502 m, 45-30-58/122-43-59
OR	Portland	101.1	KUFO-FM	100 kw/502 m, 45-30-58/122-43-59
SD	Wessington Springs			
		98.3	KUQL	100 kw/273 m, 43-45-33/98-24-44; CL to Ethan
TN	Lynchburg	91.9	WGBQ	CP Mod for 900 w/107 m, DA, 35-16-32/81-21-37
TX	Dripping Springs	99.9	KDRP-LP	34 w-H//17 w-V/50 m, XL to 30-11-27/98-04-17
VT	Woodstock	93.9	WMXR	3.5 kw/130 m, (to) DA, XL to 43-39-16/72-21-29
WA	Spokane	90.3	KPBZ	CP Mod for 550 w/330 m, 47-48-48/117-30-23
WA	Spokane	91.9	KSFC	550 w/348 m, XL to 47-48-48/117-30-23
WI	Whiting	96.7	WLJY	26.5 kw/207 m, 44-38-39/89-51-12
WY	Dubois	104.7	KLEP	1.9 kw-H/181 m, XL to 43-36-33/110-49-43; CL to Moose Wilson Road
WY	South Greeley	88.7	KDNR	1.9 kw/129 m, (to) DA, 41-06-02/105-01-29
WY	Wheatland	107.5	KPAD	CP Mod for 550 w/333 m, XL to 41-49-00/105-03-48

## B APPLICATIONS FOR NEW STATIONS B

#### Applies for:

AR	Nashville	88.5	NEW	850 w-V/110 m, DA, 33-59-30/93-59-34; Class A
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ID	Hope	90.7	NEW	160 w-H/-69 m, DA, 48-13-57/116-15-06; Class A
IL	Macomb	89.1	NEW	9 kw-V/37 m, DA, 40-36-56/
MI	Hastings	88.7	NEW	3 kw-V/75 m, DA, 42-33-10/85-11-25; Class A
MN	Marshall	89.9	NEW	4 kw/163 m, DA, 44-29-03/95-29-27; Class C3
MN	Waseca	88.9	NEW	10 kw/54 m, 43-59-52/93-19-21; Class C3 [reconsideration]
MT	Polson	90.7	NEW	2 kw/40 m, 47-40-37/114-08-33; Class A
NY	Milford	88.5	NEW	100 w-V/223 m, DA, 42-35-44/71-54-53; Class A
OH	Bridgeport	91.1	NEW	125 w/48 m, DA, 40-06-32/80-43-04; Class A
OH	Martins Ferry	90.7	NEW	6.3 kw-V/113 m, 40-04-56/80-56-24; Class B1
OK	Wilburton	91.1	NEW	65 kw/58 m, 34-55-01/95-19-46; Class C1 [reinstated]
OR	Cottage Grove	90.5	NEW	1 kw-V/826 m, 43-22-19/123-03-48; Class C2
SC	McCormick	91.1	NEW	25 kw-V/107 m, DA, 33-46-28/82-24-36; Class C2
TX	Channing	90.3	NEW	45 kw/103 m, 36-00-14/102-20-55; Class C2
WA	Twisp	91.1	NEW	110 w/511 m, 48-19-03/120-06-53; Class C3

**TRANSLATORS and BOOSTER STATIONS**  
**--CALL LETTER CHANGES--**

	<u>Old Call</u>	<u>New Call</u>							
AZ	Flagstaff	104.7	K269AR	K284BO	NY	Middletown	94.9	W229AA	W232BT
CA	Carmel Valley	91.7	K222BN	K219LE	NY	New York	90.7	WFUV-3	WFUV-FM3
CA	Eureka	95.9	K240DX	K238AD	NY	Newburgh	93.7	W231AG	W229BH
CA	Fresno	94.3	KOKO-1	KOKO-FM1	NY	Olean	105.5	W289AS	W288CA
CA	Laytonville	89.7	K210DQ	K209EU	NC	New Bern	104.3	W225AN	W282BN
CO	Glenwood Springs	103.9	KSNO-1	KSNO-FM1	OK	Edmond	100.1	K259AM	K261DP
CO	Trinidad	99.9	K207BN	K260BN	OR	Ashland	104.3	K281AG	K282AY
FL	Clewiston	100.5	W265BU	W263BT	PA	Dubois	97.5	WDDH-1	WDDH-FM1
FL	Key Largo	95.3	W241BA	W240CD	PA	Wellsboro	107.9	W244CI	W298BE
GA	Blairsville	101.3	W266AC	W267BC				[then . . .]	
GA	Douglas	88.7	W206BT	W204CF [then]	PA	Wellsboro	107.9	W298BE	W300BX
GA	Douglas	88.1	W204CF	W201DJ	PR	Canovanas	98.9	WYAS-2	WYAS-FM2
GA	Homerville	98.3	W252CC	W252CD	PR	Fajardo	104.7	WKAQ-2	WKAQ-FM2
GA	Wildwood	106.1	W236AM	W290BT	TN	Coalmont	95.1	W289BH	W236BT
ID	American Falls	104.5	K286BP	K283BJ	TN	Hendersonville	105.1	W233AF	W286BR
ID	Pocatello	92.3	K275AN	K222BT	TX	Jacksonville	104.5	K283BK	K279AR
IL	Tuscola	97.9	W251AV	W250BL				[then . . .]	
IA	Decorah	96.7	K247BF	K244EM	TX	Jacksonville	104.5	K279AR	W283BK
KY	Murray	99.3	W258BK	W257CO	TX	San Angelo	102.3	K218CW	K272EV
MI	Caro	88.9	W207BX	W205CH	UT	St. George	96.3	NEW	K242BV
MS	Biloxi	88.1	W204CE	W201BK	WV	Summersville	95.7	WSWW-1	WSWW-FM1
MS	Biloxi	100.3	W201BK	W258BP	WI	Washburn	91.9	K218AR	W220EB
NY	Little Falls	97.5	W248AN	W247BM	WY	Jackson	96.3	K296EG	K242BU

**BTECHNICAL CHANGES B**

(antenna heights are AGL)

AZ	Flagstaff	104.7	K284BO	250 w-H/8 m, DA, 35-14-26/111-35-51; FC from 101.7
AR	Bentonville	97.9	K250AX	250 w (adds H)/92 m, DA, 36-20-59/94-20-54; CL from Grove, Oklahoma
CA	Carmel	91.7	K219LE	.3 w-H/4 m, DA, 36-33-09/121-47-17 [that's correct: 300 mw]
CA	Desert Hot Springs	105.5	K288DR	10 w-V/10 m, 33-51-56/116-26-04
CA	Indio	88.9	K205DT	6 w/18 m, 33-48-07/116-13-27
CA	Laytonville	89.7	K09EU	10 w-V/20 m, DA, 39-41-41/123-34-36; FC from 89.9
CA	Oroville	98.7	K254BF	10 w-V/14 m, 39-39-04/121-27-43
CA	Santa Clarita	93.9	KMVN-FM1	250 w/5 m, DA, XL to 34-25-34/118-31-33
CA	Talmage	89.1	K206DF	10 w-V/12 m, DA, 39-06-57/123-13-56
CA	Woodland Park	97.5	K248AS	95 w/20 m, 38-59-17/105-03-46
CO	Estes Park	101.7	K267BF	10 w (adds H)/10 m, 40-29-37/105-10-53; FC from 101.3
CO	Mesa	98.9	K255CB	250 w-V/9 m, DA, 39-19-26/108-13-17
CO	Trinidad	99.9	K260BN	170 w-V/11 m, 37-08-55/104-30-40; FC from 89.3
FL	Key Largo	95.9	W240CD	250 w-V/6 m, 25-10-08/80-22-45
FL	Miami Beach	95.3	W237CI	250 w-V/5 m, DA, 25-40-32/80-09-33; CL from Key Biscayne
FL	Naples	90.5	W213BQ	90 w/6 m, 26-18-26/81-24-59
FL	Vero Beach	88.5	W202AY	10 w/31 m, 27-36-05/80-23-34; FC from 88.3
GA	Blairsville	101.3	W267BC	10 w/6 m, XL to 34-52-00/83-57-21; FC from 101.1
GA	Camilla	106.7	W294BH	250 w-V/24 m, 31-00-46/83-35-53
GA	Douglas	88.1	W201DJ	120 w/29 m, 31-30-46/82-51-19; FC from 88.7
ID	American Falls	104.5	K283BJ	10 w-V/4 m, 42-46-45/112-50-57; FC from 105.1
ID	Idaho Falls	106.7	K294BP	211 w-V/46 m, 43-29-27/112-02-55
ID	Mountain Home	101.5	K268BP	62 w-V (drops H)/26 m, 43-06-02/115-20-33
IL	Argenta	103.3	W277BE	100 w-V/8 m, XL to 40-01-27/88-46-56; CL from Monticello
IL	Tuscola	97.9	W251AV	5 w/102 m, (drops DA), 40-00-45/88-08-29; FC from 98.1
IA	Decorah	96.7	K244EM	115 w/91 m, 43-17-13/91-53-03; FC from 97.3
KY	Murray	99.3	W25CO	250 w-V/5 m, 36-30-40/88-19-34; FC from 99.5
LA	Houma	97.7	K249DI	2 w/90 m, 29-36-24/90-41-42
MA	Vineyard Haven	107.9	W300BE	9 w/39 m, 41-26-44/70-36-48
MI	Caro	88.9	W205CH	10 w-V/58 m, (to) DA, 43-19-23/83-22-37; FC from 89.3
MN	Fairmont	89.5	K211FK	160 w/21 m, 43-36-53/94-31-05
MS	Biloxi	88.7	W204CE	4 w/37 m, 30-27-11/88-51-26; FC from 88.1
MT	Missoula	95.3	K237DZ	20 w/46 m, 46-48-30/115-38-58
NH	Andover	94.5	W233AY	10 w/4 m, 43-27-21/71-51-47
NH	Littleton	94.1	W231BW	250 w/30 m, 44-18-47/71-46-08
MA	Lawrence	92.1	W221CH	250 w (adds V)/119 m, (to) DA, 42-40-26/71-11-26; CL from Newton, NH
NY	Binghamton	104.9	W285DI	50 w/-37 m, 42-05-47/75-54-42
NY	Chester	94.1	W231BP	10 w-V (drops H)/15 m, DA, 41-22-42/74-08-16
NY	Little Falls	97.3	W247BM	99 w-V (drops H)/4 m, DA, 42-47-36/74-41-41; FC from 97.5
NY	Middletown	94.9	W232BT	99 w-V/15 m, DA, 41-27-16/74-25-06; FC from 94.3
NY	Newburgh	93.7	W229BH	7 w-V/11 m, (to) DA, 41-29-20/73-56-53; FC from 94.1
NY	Olean	105.5	W288CA	24 w/-H (from V to H)/8 m, DA, XL to 42-03-04/78-25-13
NY	Red Hook	98.9	W255BX	7 w-V (goes from H to V)/24 m, DA, 42-03-05/73-52-51; CL from Hudson

NC	Hiawasse	97.9	W250AJ	80 w/6 m, 34-58-04/83-49-08; CL from Warne
NC	New Bern	103.7	W279CA	3 w/70 m, 35-08-21/77-04-42; FC from 92.9
OH	Forest Park	96.9	W245AJ	10 w/142 m, 39-21-11/84-25-02
OK	Keyes	90.1	K211FI	240 w/50 m, 36-48-42/102-15-05
OK	Norman	103.1	K276EX	75 w/154 m, 35-28-05/97-30-49
OK	Oklahoma City	96.5	K243BJ	75 w/145 m, 35-24-02/97-29-34
OR	Ashland	104.3	K282AY	32 w/14 m, DA, 42-17-55/122-44-53; FC from 104.1
PA	Bradford	95.3	W237CS	250 w/55 m, 41-48-36/78-23-10
PA	Wellsboro	107.9	W298BE	99 w-V/14 m, 41-44-51/77-18-07; FC from 107.5
TN	Hendersonville	105.1	W286BR	80 w/37 m, 36-20-14/86-36-38; FC from 94.5
TX	Dallas	102.5	K273BJ	250 w/155 m, 32-46-43/96-43-51
TX	Jacksonville	104.3	K282AZ	250 w/30 m, 31-59-38/95-03-02; FC from 103.7
TX	San Angelo	102.3	K272EV	250 w-V/10 m, 31-35-43/100-33-31; FC from 91.5
VT	Burlington	90.5	W213AZ	16 w/18 m, 44-28-44/73-12-56
VA	Winchester	96.3	W242BG	9 w/30 m, 39-11-40/78-10-18
WA	Enumclaw	88.9	K205DF	12 w/18 m, 47-13-09/121-50-31
WI	Eau Claire	88.7	W204BP	10 w-V/91 m, 44-53-04/91-35-04
WY	Cheyenne	107.1	K296FZ	250 w/18 m, 41-09-34/104-43-19
WY	Jackson	96.3	K242BU	14 w-V/60 m, DA, 43-27-42/110-45-10; FC from 107.1

**B TECHNICAL CHANGES B**  
**B Construction Permits Granted B**  
(antenna heights are AGL)

AL	Oneonta	95.3	W237DH	10 w (adds H)/52 m, XL to 33-56-48/86-29-06; CL from Cleveland
AK	Kachemak City	102.7	K274BO	13 w/10 m, 59-41-19/151-27-07
CA	Clarksville	99.1	K256AG	10 w-V (drops H)/64 m, (to)DA, XL to 38-38-53/121-05-51
CA	Eureka	95.9	K238AD	200 w/23 m, (to) DA, XL to 40-49-32/124-00-05; FC from 95.5
CA	Santa Barbara	91.5	K218CP	10 w-V/5 m, (drops DA), 34-27-57/119-40-38
CO	Masonville	106.5	K293BJ	3 w/25 m, 40-37-03/105-19-40; FC from 106.9
CO	Pagosa Springs	98.3	K252ET	175 w/9 m, (drops DA), 37-11-32/107-05-55
DE	Smyrna	98.7	W254AT	80 w/43 m, 39-09-48/75-32-08
FL	Clewiston	100.5	W263BT	250 w/146 m, 26-41-27/80-47-18
FL	Coral Gables	107.1	W296BP	250 w-V/6 m, XL to 25-24-51/80-27-39; CL from South Miami Heights
FL	Fort Myers Beach	102.3	W272BM	70 w/6 m, 26-29-16/81-55-46; CL from Naples
GA	Cordele	102.3	W272CK	250 w-V/25 m, (to) DA, XL to 31-44-29/83-39-11
GA	Decatur	102.9	W275BK	170 w/183 m, XL to 33-45-33/84-20-05
GA	Macon	104.3	W282AE	13 w/61 m, XL to 32-52-15/83-41-33
ID	Lewiston	97.3	K247AW	10 w/8 m, 46-27-35/117-01-46
ID	Pocatello	92.3	K222BT	1 w-V (drops H)/4 m (to) DA,42-51-46/112-31-03; FC from 102.9
ID	Twin Falls	107.7	K299BD	92 w (adds H)/28 m, 42-29-26/114-30-15
IL	Hillside	97.5	W248BB	3 w/349 m, 41-53-06/87-37-18
MA	Sandwich	99.5	W258BH	10 w/76 m, XL to 41-33-31/70-35-46
MI	Caro	88.9	W207BX	10 w-V/58 m, DA, 43-19-23/83-22-37; FC from 89.3
NE	Pappillion	102.7	KBZR	CP Mod for 46.1 kw/409 m, XL to 41-04-16/96-13-31; CL from Lincoln
NH	Concord	103.9	W280EC	10 w-H (drops V)/15 m, XL to 43-13-09/71-26-26; CL from Pittsfield
NH	Sunapee	94.5	W233AY	10 w/7 m, XL to 43-22-17/71-59-38; CL from Andover
NY	Geneseo	100.9	W265BX	250 w (adds H)/45 m, DA, XL to 42-34-24/77-52-39; CL from Nunda
NY	Portville	105.5	W289AS	24 w-H/8 m, DA, 42-03-04/78-25-13; FC from 105.7; CL from Olean
OK	Enid	89.1	K206CA	250 w/64 m, (to) DA, 36-28-35/97-53-52
OR	Hermiston	95.3	K237DS	250 w (adds H)/91 m, (to) DA, XL to 45-40-19/118-50-15
TN	Chattanooga	92.7	W224AZ	55 w/55 m, XL to 35-01-39/85-09-28
TN	Coalmont	95.1	W236BT	10 w-V/11 m, 35-20-54/85-38-10
TN	Union City	103.3	W274BF	250 w/145 m, 36-24-47/89-08-59; FC from 102.7
VA	Chantilly	102.1	W217BR	38 w/6 m, 38-49-15/77-29-37; FC from 91.3
VT	Montpelier	100.3	W262AA	100 w/13 m, 44-16-49/72-33-30
VT	Montpelier	106.3	W289AW	27 w/5 m, 44-14-14/72-34-50; FC from 105.7; CL from Northfield
VA	Charlottesville	96.7	W244BP	20 w/31 m, 37-58-55/78-29-03
WI	Ashland	90.3	W215AE	27 w-V/32 m, 46-33-40/90-55-05; FC to 91.5
WY	Cheyenne	94.7	K234AH	92 w/24 m, (drops DA), XL to 41-06-02/105-01-29
WY	Cheyenne	100.3	K262BV	75 w/42 m, (drops DA), XL to 41-06-02/105-01-29

**B TECHNICAL CHANGES B**  
**B Grants for New Stations B**  
(antenna heights are AGL)

None reported this past month

**B APPLICATIONS FROM EXISTING/PROPOSED FACILITIES B**  
(antenna heights are AGL)

				<u>Applies For:</u>
AL	Capshaw	98.1	W251AC	250 w/141 m, (to) DA, XL to 34-47-53/86-38-24
AL	Mountain Brook	104.1	W281AB	125 w/190 m, DA, 33-29-04/86-48-25
AK	Seward	104.1	K281AZ	CP Mod for 20 w/9 m, XL to 60-06-48/149-26-18
CA	Coyote	92.7	K224CZ	23 w-H/12 m, DA, 37-10-03/121-34-20; FC to 103.3; CL to San Martin
CA	Westlake Village	88.5	NEW	APP Mod for 100 w/10 m, (to) DA, 34-05-09/118-47-03; CL to Malibu
CO	Dillon	107.1	K296CL	250 w (would add H)/6 m, (would add) DA, 39-27-35/105-58-46; CL to Breckenridge
CO	Fort Collins	102.9	KARS-FM1	11.3 kw/27 m, DA, 40-55-41/105-08-36
CO	Idaho Springs	91.7	K219LF	32 w-V/12 m, DA, XL to 39-43-45/105-14-08
CO	Mesa	98.9	K255CB	250 w-V/9 m, (to) DA, 39-19-26/108-13-17
FL	Key Largo	95.9	W240CD	250 w-V/12 m, XL to 25-17-30/80-22-49; CL to Leisure City
FL	Vero Beach	88.3	W202AY	10 w-V/31 m, XL to 27-36-05/80-23-34; FC to 88.5
GA	Homerville	98.3	W252CD	1 w/6 m, 31-13-17/82-34-24; FC to 95.9
MN	Fairmont	89.5	K211FK	250 w-V (would drop H)/21 m, 43-36-53/94-31-05
NH	Lebanon	107.7	W299AM	20 w/15 m, 43-39-17/72-17-42
NY	Endicott	92.9	W225BC	250 w-H/12 m, DA, 42-00-50/76-15-53; FC to 93.5; CL to Rome, Pennsylvania
NY	Newburgh	106.5	W293AE	10 w-V (would drop H)/12 m, (to) DA, XL to 41-29-20/73-56-53
OR	Roseburg	102.3	K272CO	APP Mod for 62 w-H/ 17 m, XL to 43-12-08/123-22-53; FC to 102.3
TX	Breckenridge	93.5	KLXX	12.7 kw/140 m, 32-47-32/98-56-24

TX	Jacksonville	104.3	K282AZ	250 w/30 m, 32-04-38/94-54-213; FC to 104.5
TX	San Angelo	102.3	K272EV	250 w-V/10 m, XL to 31-38-53/100-40-46; FC to 91.5
VT	Hinesburg	95.1	W236BQ	12 w/5 m, XL to 44-26-42/73-12-09; CL to Burlington

**B APPLICATIONS FOR NEW STATIONS B**  
(antenna heights are AGL)

AK	Iliamna	98.1	NEW	100 w/-47 m, 59-45-17/154-52-15
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**B DISMISSALS B**

AL	Livingston	90.7	-----	APP for new station	MN	Jackson	90.1	-----	APP for new station
AZ	Lake Havasu City	97.1	K246AE	APP for changes	MN	Le Sueur	88.7	-----	APP for new station
AR	Austin	89.9	-----	APP for new station	MN	Mankato	88.7	-----	(2) APPs for new station
AR	Cabot	89.9	-----	(3) APPs for new station	MN	Mankato	88.7	-----	APP for new station
AR	Georgetown	89.9	-----	APP for new station	MN	Waconia	88.3	-----	APP for new station
AR	Southland	89.9	-----	APP for new station	MN	Young America	88.3	-----	APP for new station
AR	Wheatley	89.9	-----	APP for new station	MS	Meridian	90.3	-----	APP for new station
CA	Ridgecrest	104.9	KLOA-FM	CP for changes	MS	Orange Grove	88.7	-----	APP for new station
CO	De Beque	90.9	-----	APP for new station	MS	Picayune	88.7	-----	APP for new station
CP	Lakewood	88.1	KVOD	APP for 2.1 kw	MO	Desloge	90.1	-----	(2) APPs for new station
CO	Norwood	91.1	-----	APP for new station	MO	Farmington	90.1	-----	(2) APPs for new station
CO	Walden	93.9	KEZZ	APP for changes	MO	Farmington	88.9	KSEF	Canx CP Mod for 670 w
FL	Duck Key	90.7	-----	APP for new station	MO	Leadington	90.1	-----	APP for new station
FL	Flamingo	90.5	-----	APP for new station	MT	Bridger	90.5	-----	APP for new station
FL	Islamorada	90.5	-----	APP for new station	NH	Exeter	107.1	WERZ	APP for changes
FL	Jasper	90.7	-----	APP for new station	NJ	Belvidere	107.1	WWYY	CP for changes
FL	Key Largo	90.5	-----	APP for new station	NJ	Hightstown	91.7	-----	APP for new station
FL	Lee	90.7	-----	APP for new station	NJ	Lakehurst	91.7	-----	APP for new station
FL	Leisure City	106.3	WRMZ-FM	APP for changes	NJ	New Egypt	91.7	-----	(73.509 violation)
GA	Thomasville	88.1	WAYT	APP for changes	NJ	Princeton	91.7	-----	APP for new station
IL	Hillsboro	89.1	-----	APP for new station	NJ	Roosevelt	91.7	-----	(2) APP for new station
IL	Nokomis	89.1	-----	APP for new station	NM	Silverton	91.1	-----	APP for new station
IL	Pana	89.1	-----	APP for new station	NC	Hickory	102.9	WLYT	Aux APP canx ROA
IL	Panama	90.1	-----	APP for new station	OK	McAlester	91.1	-----	APP for new station
IN	Bloomington	88.5	-----	APP for new station	OK	Savannah	91.1	-----	APP for new station
IN	Brownstown	88.5	-----	APP for new station	OK	Wilburton	91.1	-----	APP for new station &
IN	Crothersville	88.5	-----	APP for new station	OR	Canyonville	92.9	KPOL-LP	APP for changes
IN	Marysville	88.7	-----	APP for new station	OR	Cottage Grove	90.5	-----	APP for new station
IN	North Vernon	88.7	-----	APP for new station	OR	Eugene	91.9	KRVM-FM	CP for changes
IN	Seymour	88.5	-----	(3) APPs for new station	PA	Castanea	89.3	-----	APP for new station
IN	Spencer	88.5	-----	APP for new station	PA	Sellersville	88.9	WBYO	ROA
IN	Wadesville	90.1	WENS	APP to move to 94.5	OR	Waterloo	90.5	-----	APP for changes
IA	Correctionville	89.9	-----	APP for new station	SC	Hartsville	98.5	WBZF	APP for new facilities ROA
IA	Estherville	89.9	-----	APP for new station	SC	Lincolnton	91.1	-----	APP for new station
IA	Moville	89.5	-----	APP for new station	SC	McCormick	91.1	-----	(S)
IA	Pierson	89.5	-----	APP for new station	SC	Parksville	91.1	-----	APP for new station
IA	Spencer	89.9	-----	APP for new station	SC	Parksville	91.1	-----	(S)
IA	Spirit Lake	90.1	-----	APP for new station	TN	Algood	89.9	-----	APP for new station
IA	Storm Lake	89.9	-----	APP for new station	TN	Cookeville	89.9	-----	(2) APP for new station
IA	Thompson	89.9	-----	APP for new station	TN	Crossville	90.1	-----	APP for new station
KY	Burkesville	91.5	-----	APP for new station	TN	Crossville	91.3	-----	(2) APP for new station
KY	Corbin	89.3	-----	APP for new station	TN	Jellico	89.3	-----	APP for new station
KY	London	89.3	-----	APP for new station	TN	Spring City	91.3	-----	APP for new station
KY	Manchester	89.3	-----	APP for new station	TX	Batesville	90.7	-----	APP for new station
KY	Morganfield	95.3	WEZG	CP for move to	TX	Big Wells	90.7	-----	APP for new station
				Corydon	TX	Bonham	91.3	-----	APP for new station
KY	Somerset	89.3	-----	APP for new station	TX	Dalhart	90.3	-----	(2) APP for new station
KY	Union	89.1	-----	APP for new station	TX	Hondo	90.7	-----	APP for new station
KY	Washington	91.1	-----	APP for new station	TX	Pearsall	90.7	-----	APP for new station
				(S)	TX	Sabinal	90.7	-----	APP for new station
KY	Williamsburg	89.3	-----	APP for new station	TX	Uvalde	91.1	-----	APP for new station
LA	Abita Springs	88.7	-----	APP for new station	TX	Paris	91.9	-----	(4) APPs for new station
LA	Bogalusa	88.7	-----	APP for new station	TX	Sulphur Springs	91.9	-----	(2) APPs for new station
LA	Buras	91.9	KMRL	CP for 14.5 kw	UT	Castle Valley	90.9	-----	APP for new station
LA	Central City	90.7	-----	APP for new station	UT	Manti	90.5	-----	APP for new station
LA	Covington	88.7	-----	APP for new station	UT	Mona	90.5	-----	APP for new station
LA	Denham Springs	90.7	-----	(2) APPs for new station	UT	Provo	90.5	-----	APP for new station
				station	VA	Salem	93.5	WSNV	CP for aux facility
LA	Empire	88.7	-----	APP for new station					ROA
LA	Home Place	88.7	-----	APP for new station	WY	Big Horn	90.5	-----	APP for new station
LA	Morgan City	90.7	-----	APP for new station	WY	Buffalo	99.5	KSLW-LP	CP for change
LA	Walker	90.7	-----	(3) APPs for new station					
				station					
MI	Assyria	89.1	-----	APP for new station					
MI	Battle Creek	88.7	-----	APP for new station					
				(S)					
MI	Durand	89.3	-----	APP for new station					
MI	Gaines	89.3	-----	APP for new station					
MI	Hastings	88.7	-----	APP for new station					
MI	Jackson	89.7	WJCQ	APP for changes					
MI	Long Beach	88.7	-----	APP for new station					
MI	Milford	89.3	-----	APP for new station					
MI	Nashville	89.1	-----	APP for new station					
MI	Swartz Creek	89.3	-----	APP for new station					
MN	Belle Plaine	88.7	-----	APP for new station					
MN	Brewster	90.1	-----	APP for new station					
MN	Hutchinson	88.3	-----	(2) APPs for new station					

(FM News Continues on Page 39)

# PHOTO NEWS



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

March 2009

It's been a REAL long time since we've heard from Bob Delaney, of Mt. Vernon, IL (2004 in fact). Good thing it was worth the wait!

Equipment: Finco 7 ft parabolic at 65 feet with CM 7777 preamp hooked to Zenith DTT901. Samsung 13" TV.



KMBC-DT-7 Kansas City, MO  
 310 mi Tr seen 7/31/08  
 @1557 CT



KAAL-DT-33 Austin, MN  
 431 mi Tr seen 8/2/08  
 @2235 CT



KETV-DT-20 Omaha, NE  
 434 mi Tr seen 7/31/08  
 @0849 CT



KAKE-DT-21 Wichita, KS  
 473 mi Tr seen 8/1/08  
 @0320 CT



KCIT-DT-15 Amarillo, TX  
 745 mi Tr seen 8/1/08  
 @0330 CT  
 NICE!! - jk





KXVO-DT-38 Omaha, NE  
436 mi Tr seen 7/31/08  
@1508 CT



KSNW-DT-45 Wichita, KS  
473 mi Tr seen 8/1/08  
@0342 CT

Bob is also an avid amateur TV operator (KA9UVY) and DXer. Here are some tropo catches:



KCØHFL Wichita, KS  
439.250 MHz  
461 mi Tr seen 8/2/08



KC0OW Guthrie, OK  
439.250 MHz  
500 mi Tr seen 6/28/08



W4HTB Bowling Green, KY  
1280 MHz  
163 mi Tr seen 8/3/08



W8ZCF Cincinnati, OH  
1280 MHz  
249 mi Tr seen 8/3/08

73's, JEFF





# Western U.S. TV DX

Featuring reports from AK, AR, AZ, CA, CO, HI, IA, ID, IL, LA, KS, MN, MO, MS, MT, ND, NE, NM, NV, OK, OR, SD, TX, UT, WA, WI, and WY, along with the Canadian Provinces of AB, BC, MB, SK, and YT.

Send reports by the 15<sup>th</sup> of each month to:

Nick Langan  
 1040 Riverview Drive  
 Florence, NJ 08518  
 E-mail: [nickl@wtfd.org](mailto:nickl@wtfd.org)

## *The Editor's Note*

If you're head isn't spinning from trying to keep track of which analogs signed off at Midnight on the 18<sup>th</sup> of February and which ones are staying on till June, more power to you. Confusion has been abound, but look at the bright side, it certainly has made for a much more interesting than usual Winter DX period. Things should only get crazier as we creep toward the Spring.

We have reports from William, Fritze, and Dennis inside this edition of WTVDX. Enjoy!

### **William Draeb**

1304 Ellis St.  
 Kewaunee, WI 54216

I recently acquired a Magnavox TB100MW9 converter box. Here are some of the digital channels/stations I saw:

#### 1/16 Tr

0600	WPWR-DT	51 (1)
	WZZM-DT	39 (1)

#### 1/20 Tr

2145	WVTV-DT	61
	WFLD-DT	31

#### 1/21 Tr

1725	WMAQ-DT	29
2147	WMTV-DT	19
2150	WAOW-DT	29
2205	WISC-DT	50

#### 1/22 Tr

1115	WGN-DT	19
1158	WJFW-DT	16
1225	WTLJ-DT	24
1758	WLNS-DT	59
1810	WCMU-DT	56

(1) A power outage in the Green Bay area put WLUK-DT 51 and WFRV-DT 39 off the air for a couple of hours.

I was surprised at the number of programs/channels of info sent out by WMVT-DT 35. There was something on every channel 35.1 through 35.8.

Digital total now at 28.

### **Fritze H. Prentice, Jr**

3275 State Highway 114W  
 Star City, AR 71667  
 email: [kc5kbv@yahoo.com](mailto:kc5kbv@yahoo.com)  
 web: <http://tvdxseark.blogspot.com>

Antenna: UHF TV--Channel Master 4228  
 VHF TV/FM --unknown make 4  
 element log periodic  
 Preamp: Channel Master 7777 Titan  
 Rotor GC w/CM rotor control  
 TV's: Analog: 1984 Vintage RCA 12" B&W manual tune ('click knobs') mainly for low band VHF  
 Durabrand (Orion) 13" Color for UHF and general VHF  
 Digital: Panasonic CT1030v 10" Color Monitor (NTSC in/out) and Zenith DTT900 Converter Box  
 PC Capture Card: WinTVGo (PC OS: Windows XP)  
 VCR: Panasonic 4 head stereo (2001 vintage) to archive analog TV  
 DVD Recorder: Panasonic DMR-ES10 to archive DTV

Skip finally arrived late, but it was better late than never. Tropo on January 29 into Gulf Coast region.

Logs for period January 16-February 15th , 2009 All Times Central

#### January 26, 2009 E's

note: at 11:59pm January 25, 2009 KETS 2 Little Rock went silent, opening up channel 2 for DX

3:24pm WCBS 2\* New York "Judge Judy"  
 3:27pm unid 2 Mexico Canal 7 (logo on upper

right-corner)  
 3:32pm WUND 2 Edenton, NC "PBS Kids" UNC-TV logo Lower right corner  
 3:37pm unid 2 "People's Court"  
 3:39pm KDKA 2 Pittsburgh, PA Local News, KDKA logo visible  
 3:49pm unid 2 "Dr Phil"  
 3:49pm unid 2 Mexico SS Soccer/discussion  
 3:51pm unid 3 "Ellen" signal VERY STRONG  
 3:53pm WTVH 5\* Syracuse, NY "Inside Edition", local promos, ads  
 3:58pm unid 2 (french) Radio-Canada "Desperate Housewives" dubbed  
 4:04pm WMAR 2\* Baltimore, MD Local News "ABC 2 Works For You" logo  
 4:23pm unid 3 (prob. KYW Philadelphia, PA) "Dr Phil" (CBS 3 logo)  
 4:31pm WSAV 3 Savannah, GA (weak video, voice ID)  
 4:33pm WSAZ 3\* Huntington, WV Local news  
 4:42pm WPSU 3 State College, PA PBS programming, into BBC WS News @ 5pm

Skip continued though toward MX, and I left for town. More E's were seen on unid ch2 at 7pm CST with a weather warning bug on the Lower left corner of screen.

Signals were very strong, WMAR 2 lasted for several minutes of solid local-like reception, same for KDKA when it was in.

January 29, 2009 Tropo

6:33am WMAB 2 State University (Starkville) MS  
 6:48am KBCA 41 Alexandria LA "The Daily Buzz" CW+ affiliate  
 6:52am KLTJ 22 Galveston TX Daystar "Joyce Meyer"  
 6:54am KLWB 50 Lafayette, LA "The Daily Buzz" another CW+ affiliate  
 6:55am WAFB 9 Baton Rouge LA local news, signal clashing with semi local KETG 9  
 6:56am KLTV 7 Tyler TX local news  
 7:00am KLAX 31 Alexandria LA "Good Morning America" intro  
 7:02am KETK-DT 22 Jacksonville TX "NBC Today"  
 (I took a short break, but tropo was still in)  
 8:59am KALB 5 Alexandria LA "NBC Today"  
 9:15am WMAW 14 Meridian MS "Sesame Street"  
 9:19am WMPV 21 Mobile AL religious programming.  
 9:20am WPXL 49 New Orleans LA "Shepard's Chapel" religious programming.  
 9:42am KLTL 18 Lake Charles LA PBS programming.

January 30, 2009 E's

7:04pm unid 2 Spanish speaking very unstable video

7:39pm XEWO 2 Guadalajara MX TVT logo, Telenovella type show. Popup logo for Canal Cinco's Super Bowl coverage

January 31, 2009 E's

6:27pm unid 2 TMZ (in English)  
 6:28pm unid 2 SS Mexico soccer  
 6:29pm unid 3 SS  
 6:31pm unid 5 SS weak  
 6:31pm unid 3 Canal Cinco SS music videos  
 6:32pm XHTAU 2 Tampico Azteca 7 network SS  
 6:34pm unid 5 good color, signal SS  
 6:49pm unid 6 weak SS  
 7:13pm XHVIZ 3 Villahermosa XEW-Canal 2 network SS

February 1, 2009 (local changes)

KATV-DT 22 reactivates on aux antenna and txmtr from new Shinall Mountain site. 45Kw ERP @ approx 800ft  
 KWBF-TV 42/DT 44 changes call to KARZ.

February 9, 2009 (local changes)

KVTN 25 Pine Bluff AR goes silent  
 KVTH 26 flash cuts from analog to digital  
 KVTH-DT logged (DTV #122) at 5:29pm

**Dennis Park Smith**

3605 Sam Remo Drive  
 Santa Barbara, CA 93105-2523  
 Tel: (805)687-7803

Equipment – TV rx's with indoor antennas:

- 1<sup>st</sup> floor: Oldish 13" analog MGA/Mitsubishi CS1395, rabbit ears & bow-tie
- 2<sup>nd</sup> floor: Feb-2008 20" LG HD flat-screen 20LS7D, ears & 2-bay bow-tie

This report is for January 2009. Southern-Calif coastal tropo to San Diego/-Tijuana up to 200mi/320km wasn't much, typical for this season.

Dec 31 – Jan 1	Barely fair (slight warming)
Jan 2	Poor, deteriorating
Jan 3 – Jan 6	None (wx fronts Jan 2 & Jan 5)
Jan 7 – Jan 9 morn	Barely fair
Jan 9 eve – Jan 13	None (warming but no air layers) (windy elsewhere in region)
Jan 14 – Jan 15 morn	Very poor
Jan 15 – Jan 17	Out of town:
WASCO CA	
Jan 17 aft – Jan 20	Very poor
Jan 21	Poor+
Jan 22	Very poor, deteriorating

(Western TV DX Continues on Page 29)

# SOUTHERN FM DX



John Zondlo  
4009 Driftwood Circle  
Yukon, OK 73099  
southernfmdx@wtfd.org  
Deadline: 15th

For DXers in AL, AZ, AR, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, MO, NV,  
NM, NC, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

**Pat Dyer** - 5315 Silvertip Drive - San Antonio,  
TX 78228-2744 - CST

2008 Sony XDR-F1HD into a pair of Accent  
amplified computer speakers, 1977 6-e Archer  
model 15-1636A antenna at 20' AGL with rotor

## 7/1 Es

1349 WCFB	94.5	FL	Daytona Beach, "Star"	1042
1353 WOGK	93.7	FL	Ocala, k, ID, RDS "93.7 FM" 994	
1410 WPBH	93.5	FL	Port St. Joe, "Joe"	801
1414 WNFB	94.3	FL	Lake City, "Mix 94.3," north Florida 943	
1418 WCRJ	88.1	FL	Jacksonville, pledge # 642-3688 1021	
1534 WSCC	94.3	SC	Goose Creek, area ad	1132
1547 WKSX	92.7	SC	Johnston, "Oldies KSX" 1028	
1554 WYEZ	94.5	SC	Murrells Inlet, "yes945.com" 1174	
1559 WYTK	93.9	AL	Rogersville, ESPN	753
1600 WVCO	94.9	SC	Loris, ID, "The Surf"	1204
1607 WARQ	93.5	SC	Columbia, r, town ID	1077
1614 WKSL	93.9	NC	Cary, "Kiss FM"	1211
1621 WFLB	96.5	NC	Laurinburg, "The Drive" 1199	
1622 WNBB	97.9	NC	Bayboro, "The Bear," area ID 1325	
1627 WNCT	107.9	NC	Greenville, ID	1299
1634 WPEG	97.9	NC	Concord, ID	1094
1640 WGBT	94.5	NC	Eden, SS, area town	1181
1652 WSHA	88.9	NC	Raleigh, ID	1239
1927 WDHR	93.1	KY	Pikeville, area wx, later ID 1075	
1937 WXCC	96.5	WV	Williamson, k, tri-state, "Coal Country" 1091	
1950 WRLB	95.3	WV	Rainelle, ID WV WR— 1178	

## 7/1 Tr

1859 KKER 88.7 TX Kerrville, ID 50

## 7/3 Es

0803 XHMYL	92.1	YU	Merida, "Los 40 Principales" 800	
0812 TG--	91.1	GU	??, country ID	1120
0829 ----	91.1	BZ	Corozal, country ID	1000
0845 XHROO	95.3	QR	Chetumal, "Kiss FM"	995
0855 ----	88.9	BZ	Belize City, country ID	1100
0917 <u>XHPY</u>	95.3	NA	Tepic, "Stereo Vida"	675
0943 <u>HRMZ</u>	92.7	HN	Santa Cruz de Yojoa (Santa Rosa de Copan) 1215	
1005 ----	96.5	BZ	Belize City, country ID	1100

1040 ----	88.9	GT	Guatemala City, country ID	1120
1218 XHIMER	94.5	DF	Mexico City, c, "Opus"	690
1223 XHSH	95.3	DF	Mexico City, RDS "EN "EN AMOR" 690	
1231 XEW-	96.9	DF	Mexico City, ID	690
1719 <u>KCFY</u>	88.1	AZ	Yuma, ID	969
1725 KLJZ	93.1	AZ	Yuma, RDS "Z93"	975
1731 KSEH	94.5	CA	Brawley, RDS "Super Estrella" 1028	
1733 KMXZ	94.9	AZ	Tucson, "Mix FM"	767
1739 KFMA	92.1	AZ	Green Valley, RDS, ID	745
1805 XHMV	93.9	SN	Hermosillo, town ID	745
1824 KOOL	94.5	AZ	Phoenix, ID	837
1827 <u>XHCPH</u>	96.9	CH	Hidalgo Del Parral, "Suave" 465	
1830 KUAT	90.5	AZ	Tucson, RDS	746
1839 XETRA	91.1	BN	Tijuana, RDS "91-X"	1111
1841 KBZT	94.9	CA	San Diego, area ad	1126
1842 <u>KSII</u>	93.1	TX	El Paso, "Kiss El Paso"	496
1843 XHITZ	90.3	BN	Tijuana, area ad	1111
1858 XHJC	91.5	BN	Mexicali, town ID	1021
1902 <u>XHPPO</u>	106.1	SN	Puerto Panasco, "Estereo Sol" 900	
Wasted much time waiting for a no-show 144 MHz Es event to the west from here				
1958 KNOG	91.1	AZ	Nogales, town ID, "Stereo Mantial" 745	
2025 XHITA	96.5	SN	Sonoita, town ID	863
2028 KMLE	107.9	AZ	Chandler, "Camel Country," HD ID	837
2043 KYOT	95.5	AZ	Phoenix, j, ID	837
<u>7/3 Tr</u>				
1728 <u>XHZMI</u>	91.1	CH	Melchor Muzquiz, Monclova ID	214
<u>7/6 Es</u>				
1643 WYMY	96.9	NC	Goldsboro, "La Ley," Carolinas	1259
1656 WYFQ	93.5	NC	Wadesboro, BBN	1134
1700 WCMS	94.5	NC	Hatteras, "CMS"	1377
1713 WKSL	93.9	NC	Cary, "Kiss FM"	1211
1717 WRVQ	94.5	VA	Richmond, "Q-94"	1340
1729 WSCC	94.3	SC	Goose Creek, "WSC"	1132
1749 WJXY	93.9	SC	Conway, area ad	1197
1758 WRJA	88.1	SC	Sumter, network ID list 1118	
1837 WTPT	93.3	NC	Forest City, "The Planet," request text 20346	1034
1841 WVCO	94.9	SC	Loris, area ad, later "The Surf" 1204	
1844 WEKL	105.7	GA	Augusta, "Eagle 105.7" 1023	

1854 <u>WGAC</u>	93.1	GA	Warrenton, area ad, later Kim Komando 980	1108 KMGI	102.5	ID	Pocatello, ID 1205
1900 WYEZ	94.5	SC	Murrells Inlet, yes945.com 1174	1113 KPLV	93.1	NV	Las Vegas, "The Party" 1079
1911 WIIZ	97.9	SC	Blackville, "The Wiz" 1045	1117 KSNA	94.3	ID	Rexburg, "Sunny 94.3" 1231
<u>7/7 Es</u>				1119 KVFX	94.5	UT	Logan, town ID 1137
0839 WMUB	88.5	OH	Oxford, ID 1048	1120 KBZN	97.9	UT	Ogden, "The Breeze" 1088
0850 CJBX	92.7	ON	London, RDS, "BX-93" 1344	1123 KPKY	94.9	ID	Pocatello, local ad 1205
0901 CKSY	94.3	ON	Chatham, RDS 1283	1127 <u>KXBN</u>	92.1	UT	Cedar City, local ad 1020
0909 WLWD	93.9	OH	Columbus Grove, RDS "WILD 939" 1136	1150 <u>KAIZ</u>	91.1	NV	Mesquite, Air 1 1041
0921 WQEL	92.7	OH	Bucyrus, "Q-92" 1177	1150 <u>KGEN</u>	94.5	CA	Hanford, SS, area phone # 1300
1012 WIBC	93.1	IN	Indianapolis, Limbaugh 1007	1159 <u>KWDS</u>	89.9	CA	Kettleman City, Horizon Broadcasting Net ID list 1318
1016 CIDR	93.9	ON	Windsor, "The River" 1234	1204 KNAG	90.3	AZ	Grand Canyon, KNAU network list 906
1020 WDRQ	93.1	MI	Detroit, "Doug FM" 1240	1218 KRRN	92.7	NV	Moapa Valley, SS, area ad, COL was Dolan Springs AZ 1009
1022 WDOR	93.9	WI	Sturgeon Bay, ID 1230	1225 KMGH	93.9	AZ	Flagstaff, "The Mountain" 844
1028 WOZZ	93.5	WI	New London, "OZZ" 1178	1230 <u>KRHV</u>	93.3	CA	Big Pine, ID 1253
1031 WOLX	94.9	WI	Baraboo, ID 1083	1235 <u>KSOS</u>	90.5	NV	Las Vegas, "SOS" 1054
1035 WMMA	93.9	WI	Nekoosa, "Relevant Radio" 1127	1238 KCEP	88.1	NV	Las Vegas, "Power 88," local PSAs 1054
1037 CBCL	93.5	ON	London, CBC Ontario 1333	1242 KWNR	95.5	NV	Henderson, HD ID 1054
1050 WCEN	94.5	MI	Hemlock, area ad 1250	1244 KCYE	104.3	NV	North Las Vegas, k, "Coyote" 1079
1804 WPAW	93.1	NC	Winston-Salem, "The Wolf," k 1178	1249 <u>KFLG</u>	94.7	CA	Big River, area ads, "K-Flag" 973
1814 <u>WIJW</u>	92.7	TN	Harriman, "Victory 92.7" 921	1259 <u>KNPR</u>	88.9	NV	Las Vegas, Nevada NPR 1079
1820 WQXX	106.1	KY	Morehead, HD ID 1055	1310 KZIQ	92.7	CA	Ridgecrest, "The Coyote," later ID 1186
1823 WUHU	107.1	KY	Smiths Grove, RDS 876	1738 WOZZ	93.5	WI	New London, ID 1178
1825 WEND	106.5	ND	Salisbury, "The End" 1127	1743 WWDV	96.9	IL	Zion, "The Drive" 1080
1835 WMUU	94.5	SC	Greenville, area ad 1017	1749 WKTI	94.5	WI	Milwaukee, wkti.com 1112
1913 WAAG	94.9	IL	Galesburg, "FM 95," k, match yes.com 918	1750 WFCX	94.3	MI	Leland, area ad 1271
1920 WKTI	94.5	WI	Milwaukee, HD ID 1112	1756 WKZC	94.9	MI	Scottville, "Z-95" 1209
1922 WLSR	92.7	IL	Galesburg, RDS "LASER" 918	1758 WXLC	102.3	IL	Waukegan, local/area ad 1071
1935 WDUX	92.7	WI	Waupaca, town ID 1153	1758 WKHQ	105.9	MI	Charlevoix, area ad 1310
1955 <u>WHLK</u>	93.1	WI	De Forest, area wx 1079	1801 WMIL	106.1	WI	Waukesha, "FM-106.1," k, later HD ID 1112
2001 <u>WSIX</u>	97.9	TN	Nashville, ID 820	1809 <u>WMTE</u>	101.5	MI	Manistee, o, "Cool 101" 1221
2020 WKKZ	92.7	GA	Dublin, "K-92.7" 952	1835 KCRB	88.5	MN	Bemidji, RDS 1279
2023 WMTM	93.9	GA	Moultrie, ID 891	<u>7/10 Es</u>			
2030 KMPR	88.9	ND	Minot, RDS "PPR" – Prairie Public Radio 1292	0849 WZAK	93.1	OH	Cleveland, ID 1253
2059 KLDV	91.1	CO	Morrison, "K-Love," ID 794	0851 WUME	95.3	IN	Paoli, "Mix 95," area ad 934
<u>7/7 Tr</u>				0853 WNKL	96.9	OH	Wauseon, RDS "K-LOVE," dead air 1173
1600 <u>K203CX</u>	88.5	TX	San Marcos, "KHCB" 47	0904 WERK	104.9	IN	Muncie, "WERK FM," o 1048
<u>7/8 Es</u>				0924 WCRZ	107.9	MI	Flint, RDS 1250
0956 KPFK	90.7	CA	Los Angeles, stream match, later ID 1187	0936 WBCM	93.5	MI	Boyne City, area ad, "WTCM" 1325
1111 WSVH	91.1	GA	Savannah, SE GA PSA 1041	0940 WLAV	96.9	MI	Grand Rapids, "97 LAV," 800-882-WLAV 1184
1319 KCBS	93.1	CA	Los Angeles, CA PSA, "Jack FM" 1188	0944 WFCX	94.3	MI	Leland, area ad 1271
1322 KMVN	93.9	CA	Los Angeles, area ad 1187	0946 WNBY	93.9	MI	Newberry, "Oldies 93," local wx 1380
1323 KTWV	94.7	CA	Los Angeles, j 1187	0948 WAVC	93.9	MI	Mio, "102.9" 1310
1329 KLOS	95.5	CA	Los Angeles, ID 1187	0952 WXRT	93.1	IL	Chicago, "XRT" 1055
1408 KSOS	90.5	NV	Las Vegas, ID 1054	0955 WIHC	97.9	MI	Newberry, area wx, "The Bear" 1380
1929 WDUX	92.7	WI	Waupaca, Brewers MLB, local ad 1153	0959 WDOR	93.9	WI	Sturgeon Bay, ID 1230
<u>7/9 Es</u>				1006 WOLX	94.9	WI	Baraboo, ID 1083
0936 KTRZ	93.1	WY	Riverton, town ID 1058				
1020 KIQZ	92.7	WY	Rawlins, Cowboy State Network 978				
1027 KCIR	90.7	ID	Twin Falls, SOS Network 1219				
1048 KMTN	96.9	WY	Jackson, area ad 1177				
1056 KKCH	92.7	CO	Glenwood Springs, ID 849				
1102 KJAX	93.3	WY	Jackson, ID, Red Sox MLB 1177				

1015 WIMK	93.1	MI	Iron Mountain, area ID, wx 1266	0902 WHMI	93.5	MI	Howell, ID 1221
1017 WOZZ	93.5	WI	New London, ID 1178	0908 WDRQ	93.1	MI	Detroit, "Doug FM" 1240
1122 CFOB	93.1	ON	Fort Frances, area ads, wx, ID 1348	0912 WSJM	94.9	MI	Benton Harbor, SW MI, WSJM AM ID 1106
1135 WTBX	93.9	MN	Hibbing, ID 1272	0915 WLRW	94.5	IL	Champaign, HD ID 939
<u>7/11 Tr</u>				0919 WSRM	95.3	GA	Coosa, Neil Boortz 850
0035 KZMZ	96.9	LA	Alexandria, ID, "96 Rocks" 379	0929 WMMQ	94.9	MI	East Lansing, area ad 1198
<u>7/12 Tr</u>				0930 WAOR	95.3	MI	Niles, area ad, ID 1093
0759 KBJJ	90.3	TX	Jacksonville, ID 265	0932 WGRD	97.9	MI	Grand Rapids, local ad 1167
<u>7/14 Tr</u>				0937 WCFX	95.3	MI	Clare, "CFX" 1244
2242 KRXB	107.1	TX	Beeville, town ID, classic r 88	0939 KLJZ	93.1	AZ	Yuma, "Z93," news personality, Yuma road repair news 975
<u>7/15 Es</u>				0940 WYVN	92.7	MI	Saugatuck, area ad 1144
0727 WSCC	94.3	SC	Goose Creek, Glen Beck 1132	0949 KZCR	103.3	MN	Fergus Falls, area ad 1181
0843 KPLV	93.1	NV	Las Vegas, "The Party" 1079	0952 WGDN	103.1	MI	Gladwin, area ad 1264
0846 KOSO	93.1	CA	Patterson, area ad, "B93," b931.com 1416	1000 WMGC	105.1	MI	Detroit, area ad 1241
<u>7/16 Tr</u>				1005 WCFS	105.9	IL	Elmwood Park, fresh1059.com 1053
0732 KTFW	92.1	TX	Glen Rose, area nx, "Country Legends" 197	1007 WSHZ	107.9	MI	Muskegon, "Star 108," HD ID 1170
0845 KSTV	93.1	TX	Dublin, ID 188	1010 WOOD	105.7	MI	Grand Rapids, phone #, town ID 1164
<u>7/16 Es</u>				1015 WIXO	105.7	IL	Peoria, RDS "The X Rocks" 931
1249 XHLDC	90.7	SN	Magdalena de Kino, "Stereo Sol"	1016 WLEY	107.9	IL	Aurora, SS, "La Ley" 1042
1301 KLJZ	93.1	AZ	Yuma, "Z-93" 975	1022 WKHQ	105.9	MI	Charlevoix, "106 KHQ" 1310
1305 KSEH	94.5	CA	Brawley, "Super Estrella" 1027	1025 WMIL	106.1	WI	Waukesha, area ad 1112
1327 KPFK	90.7	CA	Los Angeles, match stream 1186	1038 KGB	101.5	CA	San Diego, HD ID 1116
<u>7/18 Tr</u>				1040 KFMB	100.7	CA	San Diego, "Jack FM" 1126
0029 KEDR	88.1	TX	Bay City, ID 156	1045 KIFM	98.1	CA	San Diego, RDS 1126
0800 KTYL	93.1	TX	Tyler, ID 290	1045 KYXY	96.5	CA	San Diego, "Kixy" 1126
<u>7/18 Es</u>				1053 XHOCL	99.3	BN	Tijuana, area town 1113
0921 WTEB	89.3	NC	new Bern, cx, town ID 1311	1054 XHMORE	98.9	BN	Tijuana, "Blazin' 98.9," local ad 1113
0939 WKSL	93.9	NC	Cary, "Kiss FM" 1211	1057 XHRM	92.5	BN	Tijuana, area ad, later "Magic 92.5" 1112
0945 WSCC	94.3	SC	Goose Creek, RDS "WSC 94.3" 1132	1106 KBZT	94.9	CA	San Diego, RDS 1126
0956 WUBL	94.9	GA	Atlanta, "The Bull," k 890	1112 KHTS	93.3	CA	El Cajon, HD ID 1116
1005 WDOG	93.5	SC	Allendale, local ad, "Big Dog" 1048	1132 XETRA	91.1	BN	Tijuana, RDS "91X," area ID 1111
1017 WQNC	92.7	NC	Harrisburg, "Q-92.7," "The People's Station" 1113	1142 XHITZ	90.3	BN	Tijuana, "Z 90.3," area ad 1111
1035 WYFQ	93.5	NC	Wadesboro, BBN 1134	<u>7/23 Es</u>			
1036 WZMJ	93.1	SC	Batesburg, ESPN 1054	0807 WFPL	89.3	KY	Louisville, "WF_L" 954
<u>7/19 Es</u>				0835 WGVU	88.5	MI	Allendale, local area nx 1170
0836 WULF	94.3	KY	Hardinsburg, RDS, area ad, "The Wolf" 915	0843 WBCM	93.5	MI	Boyer City, "WTCM" 1325
0843 WEZG	95.3	KY	Morganfield, ID 852	0846 WKTI	94.5	WI	Milwaukee, "KTI" 1112
0853 WLWD	93.9	OH	Columbus Grove, "Wild 93.9" 1136	0807 WFPL	89.3	KY	Louisville, "WF_L" 954
0959 WAXR	88.1	IL	Geneseo, ID 952	0835 WGVU	88.5	MI	Allendale, local area nx 1170
1001 WDLM	89.3	IL	East Moline, ID 950	0843 WBCM	93.5	MI	Boyer City, "WTCM" 1325
1009 WZLR	95.3	OH	Xenia, classic hits, 1-800-833-9211 1089	0846 WKTI	94.5	WI	Milwaukee, "KTI" 1112
1010 KSWN	93.9	NE	McCook, talk 751	0851 WDOR	93.9	WI	Sturgeon Bay, ID 1230
1015 KMCS	93.1	IA	Muscatine, 93.1/94.7 928	0917 KSNA	94.3	ID	Rexburg, "Sunny 94.3" 1231
1019 WOLX	94.9	WI	Baraboo, ID 1083	0933 KMGJ	93.1	CO	Grand Junction, local ad 880
1021 WMT	96.5	IA	Cedar Rapids, local ad 950	0935 KVFX	94.5	UT	Logan, "VFX" 1137
1030 WYNG	94.9	IL	Mount Carmel, area/local ad 873	0936 KZWB	97.9	WY	Green River, area ad 1026
<u>7/22 Es</u>				0941 KIKX	104.7	ID	Rexburg, RDS 1284
0859 CHAY	93.1	ON	Barrie, area ad, 877-445-0231 1458	0958 KGFX	92.7	SD	Pierre, "central SD," later "River 92.7" 1030
				1018 KUSU	91.5	UT	Logan, "Living on Earth" 1141



1021 KBZN 97.9 UT Ogden, "The Breeze" 1088  
1023 KEGA 101.5 UT Oakley, area ad, "Eagle" 1052  
1118 KTRZ 93.1 WY Riverton, local ad 1058  
1301 KRRN 92.7 NV Moapa Valley, SS, EE ID, COL change Dolan Springs AZ 1009  
1550 TG-- 88.5 GU Guatemala City, "Galaxia" 1120  
1605 XHSH 95.3 DF Mexico City, Radio Grupo 690  
1620 TG-- 93.7 GU Guatemala City, "Radio Mia" 1120  
1636 TG-- 102.5 GU Guatemala City, "Fama," EE ID 1120  
1645 XHHTS 90.7 CH Tapachula, town ID 1075  
1958 XETRA 91.1 BN Tijuana, "91X" 1111  
2029 KSOS 90.5 NV Las Vegas, ID 1054  
7/26 Es  
1529 KNOW 91.1 MN Minneapolis, RDS 1118  
1533 KQDS 94.9 MN Duluth, "KQ-95" 1246  
1541 KATO 93.1 MN New Ulm, "Minnesota 93," area ads 1041  
1612 KKYA 93.1 SD Yankton, "KK-93," k 919  
1709 WCFB 94.5 FL Daytona Beach, "Star 94.5" 1042  
1749 WHDR 93.1 FL Miami, "93-Rock" 1149  
1754 WEOW 92.7 FL Key West, "WOW 92.7" 1101  
7/27 Tr  
0248 KBIU 103.3 LA Lake Charles, "Jack FM" 319  
0952 KTYL 93.1 TX Tyler, "Mix 93.1" 290  
2329 KSMB 94.5 LA Lafayette, RDS 387  
2335 KXKC 99.1 LA New Iberia, RDS 412  
2340 KTDY 99.9 LA Lafayette, RDS 412  
2343 WYNK 101.5 LA Baton Rouge, RDS 442  
2350 KNEK 104.7 LA Washington, RDS "Magic 104.7" 393  
2357 WKZW 94.3 MS Sandersville, "KZ 94.3" 579  
7/28 Tr  
0002 KXKC 99.1 LA New Iberia, RDS 412  
0008 WDGL 98.1 LA Baton Rouge, "Eagle 98.1" 446  
0012 KSMB 94.5 LA Lafayette, RDS 412  
0012 KTSR 92.1 LA De Quincy, "Star 92.1" 321  
0025 KQIS 102.1 LA Basile, ID 375  
0035 WDVW 92.3 LA LaPlace, area ads 473  
0117 KTDY 99.9 LA Lafayette, ID 412  
0219 KAJN 102.9 LA Crowley, ID 375  
0231 KLDN 88.9 TX Lufkin, "Red River Radio," cx 264  
0239 KJAE 93.5 LA Leesville, ID 336  
0800 KBIU 103.3 LA Lake Charles, "Jack FM," town ID 319  
0825 KMOO 96.7 TX Mineola, local ad 289  
0928 KTYL 93.1 TX Tyler, "Mix 93.1" 290  
0940 WZNF 95.3 MS Lumberton, "Z95.3" 577  
1017 KQKI 95.3 LA Bayou Vista, area ad 439  
2250 KBDV 92.7 LA Leesville, "Eagle 92.7," ID 342  
2318 WBKL 92.7 LA Clinton, "K-Love" 459  
2333 KQID 93.1 LA Alexandria, "Q93" 409  
7/29 Tr  
0342 WZNF 95.3 MS Lumberton, "Z95.3" 577  
0420 KXKC 99.1 LA New Iberia, ID 412  
0425 KQIS 102.1 LA Basile, ID 375

0430 KETR 88.9 TX Commerce, ID 304  
0417 KAJN 102.9 LA Crowley, area ad 375  
0756 WWJK 94.7 MS Jackson, "Jack FM" 529  
0835 KQID 93.1 LA Alexandria, "Q93" 409  
0853 KESN 103.3 TX Allen, ESPN 300  
2330 KSHN 99.9 TX Liberty, local ad 247  
2351 KIOC 106.1 TX Orange, "Big Dog 106" 280  
7/30 Tr  
0514 KTYL 93.1 TX Tyler, town ID 290  
0857 KODM 97.9 TX Odessa, "Lite Rock 98" 267  
0938 KPMZ 96.7 TX Flower Mound, "Platinum," north TX ID 282  
7/31 Es  
1337 WRQN 93.5 OH Bowling Green, ID 1177  
1349 WGLE 90.7 OH Lima, RDS 1123  
1351 WYSM 89.3 OH Lima, "Yes FM" 1123  
1356 WONB 94.9 OH Ada, "The Beat" 1139  
1359 WLWD 93.9 OH Columbus Grove, "Wild 939" 1136  
1401 WIBC 93.1 IN Indianapolis, ID 1007  
1406 CKSY 94.3 ON Chatham, RDS 1283  
1421 WFTK 96.5 OH Lebanon, area ad 1060  
1428 CBCL 93.5 ON London, CBC traffic reporter 1333  
7/31 Tr  
1438 KTYL 93.1 TX Tyler, town ID 290

For this period the Sony XDR-F1HD was used exclusively for DXing so no RDS PI info is noted, and one can only speculate on how many idents were "lost" by not having that data available. Earlier comparison checks with the TM-1001 Conrad system on locals showed PI decodes in a second or less vs Sony PS decodes of 3 seconds. Also, it often takes much longer than that for a verbose PS field to scroll and (hopefully) reveal a call or slogan rather than just song title and artist (during which time fading can corrupt things). The HD ident decodes are always the call letters (even without any HD audio or subchannels actually being decoded). A productive July of Es (with actually more minutes here than June). Late in the month there was considerable tropo extending as far as MS. 73, Pat - WA5IYX



**Fred Nordquist** – 147 Travis Hill Rd. – Moncks Corner, SC 29461 – [nordquis@homesc.com](mailto:nordquis@homesc.com) – ELT  
Personal statistics web page at <http://geocities.com/fmjnordquist>  
WTFDA Statistics/RDS List web pages at <http://www.wtfda.org>

APS-13 @ 23' AGL, Sangean HDT-1X, Sony XDR-F1HD, Denon TU1500RD



10/24 Ms  
2153 CJBX 92.7 ON London, "BX93," new mode 674

10/24 Tr  
1222 WRKH 96.1 AL Mobile, "The Rocket" 493  
1247 WMXC 99.9 AL Mobile, "Lite Mix 99.9" 493

11/3 Ms  
1022 WQXR 96.3 NY New York, ".XR streaming on line" 615

11/10 Ms  
0811 WDUQ 90.5 PA Pittsburgh, RDS PI 5EAC, PS PUBLIC 498

11/19 Ms  
0713 WKWK 95.3 VA Colonial Heights, local ad, 5 sec burst, new mode 323

12/9 Ms  
1010 WFFF 90.5 WI Green Bay, RDS 898

12/30 Gw  
2221 W260AK 99.9 SC Georgetown, BBN xltr 42

1/6 Ms  
1503 KHTC 107.5 TX Lake Jackson, RDS PI 246C, 3 sec burst 940

1/24 Es  
2100 CJBR-1 89.5 QC Riviere du Loop, ID 1135  
2103 unID 89.1 ?? ??, FF on this and 88.9

1/26 ES to TX/MX/KS/NE MUF 97.1  
1310 KVRK 89.7 TX Sanger, RDS PI 4938, "Power FM"  
1315 KETR 88.9 TX Commerce, HD 921  
1317 KMXT 93.1 TX Bells, RDS PI 'KMJS,' k 921  
1320 KOYN 93.9 TX Paris, "Coin," "Today's Best Country," k 893  
1350 KLDN 88.9 TX Lufkin, RDS 872  
1353 KUT 90.5 TX Austin, RDS PI 9995, HD 1069  
1410 KXXM 96.1 TX San Antonio, RDS PI 1F1E HD1/HD2 1126  
1415 KRTU 91.7 TX San Antonio, RDS PI 3EE6 1121  
1420 KZLV 91.3 TX Lytle, "K-Love," RDS PI 5337 1141  
1422 KEPX 89.5 TX Eagle Pass, RDS PI 1C2D, SS 1250  
1450 KROI 92.1 TX Seabrook, Praise921.com 940  
1451 KKBA 92.7 TX Corpus Christi, "K-Bay" 1115  
1455 XHMZI 91.1 CH Melchor Muzquiz, SS, "La Grande" 1336  
1555 KBNJ 91.7 TX Corpus Christi, RDS PI 13FF 1114  
1604 XHXL 91.7 NL Monterrey, RDS PI 'WVR,' PS 91X, SS 1328  
1606 XHRK 95.7 NL Monterrey, RDS 'WPX,' SS 1328  
1612 XHNLO 97.1 TM Nuevo Laredo, SS 1227  
1737 KLNE 88.7 NE Lexington, NET nx 1183  
1738 KHCD 89.5 KS Salina, RDS 1051  
1740 KCMO 94.9 KS Shawnee, HD 904  
1747 KMXN 92.9 KS Osage City, RDS PI 0001, HD1/HD2, "X92" 949  
1754 KZUH 92.7 KS Minneapolis, Sports Boneyard 1061  
1750 KTGL 92.9 NE Beatrice, RDS PI 42D3, r 1054

1/30 Ms  
1317 KKHH 95.7 TX Houston, "...on Hot 95.7" 950

1/31 Es to MX/S TX 1901-2110 EST – MUF 108+  
SS noted on many frequencies  
1912 XHRK 95.7 NL Monterrey, RDS PI B00D, PS SABROSITA 95.7 1328  
1917 XHXL 91.7 NL Monterrey, RDS PI F012 – 'WWG,' PS 91X 1328  
1920 XHTEC 94.9 NL Monterrey, RDS PS FREC TEC 1328  
1922 XHMG 102.9 NL Monterrey, RDS PI E012, RT Digital 102-9 1328  
1928 KBFM 104.1 TX Edinburg, RDS PI 1332, HD1/HD2 1178  
1940 XHAAA 93.1 TM Reynosa, RDS PI 9301, 'WXPX,' "La Caliente" 1206  
1943 XEEW 97.7 TM Matamoros, RDS PI 5FB6, PS WFM 97.7 1168  
2000 XHMU 90.1 TM Tampico, RDS PI F05A, 'WZA,' PS Poderosa 1325  
2010 XHOX 95.3 TM Tampico, RDS PI 33D5, PS EXA-FM 1325  
2015 XHMDR 103.1 TM Tampico, RDS PI A071, PS IMAGEN 1325

The following were IDed with DXers help after posting in WTFDA Forum:

1915 XHOX 95.3 TM Tampico, lcl annmnts 1325  
2010 XHRLM 91.9 TM Ciudad Mante, "EXA-FM 91.9" 1362  
2018 XHZUL 106.5 VC Cerro Azul, "Radio Mas" 1368  
2029 XHTVR 106.9 VC Tuxpan, "La Nueva Azul" 1363  
2034 XHRIC 101.9 VC Poza Rica, "EXA-FM" 1394  
2052 XHXAL 107.7 VC Xalapa, "Radio Mas" 1408  
2105 XHTS 102.9 VC Veracruz, "YA-FM" 1390

DX conditions have been dead 2/1-8 due to cold air masses.

Local changes:  
WWBD 95.7 Bamberg is off the air, "Bad Dog" format moved to WGFG 105.1  
WALC 100.5 SC new owner/format, HIS Radio, rel (they already have local translators on 91.1/91.9/105.1

Total FM log = 1700



## From the Editor

Many thanks to Pat and Fred for their reports this month.  
It's been pretty eerie watching analog TV in the days since February 17. A few of my locals have remained on and will likely do so til June. Sure will miss using the lower VHF channels as a skip indicator for US stations, tho I'll be checking for Es to Mexico and Canada.  
See y'all next month!

# TV AND FM DX STATISTICS

WTFDA STATISTICS - Fred Nordquist - 147 Travis Hill Road - Moncks Corner SC 29461 -  
 email:nordquis@homesc.com  
 TV/FM Scoreboards sorted by Total - Members reporting in last several years

FM SCOREBOARD																
FNAME	LNAME	LOCATION	TOTAL	88-92	LPFM	ES	MS	AU	USA	DC	CN	MX	FO	TPU	YB	AS OF:
Pat	Dyer	TX San Antonio	3771	602	~	3103	107	0	44	1	4	26	7	82	1970	12/31/08
Richard	Shaftan	NJ Sparta	2918	563	~	1858	90	1	38	1	7	0	3	49	1978	12/08/06
Mike	Bugaj	CT Enfield	2607	371	7	1596	34	26	37	1	6	2	3	49	1974	02/14/09
John	Ebeling	MN Prosit	2486	594	2	1717	4	7	48	1	9	4	0	62	1975	01/01/09
John	Ebeling	MN Bloomington	2357	468	~	1322	68	89	48	1	7	6	1	63	1952	01/01/09
Randy	Zerr	FL Fort Walton Beach	2357	365	23	1463	111	0	42	1	3	29	16	91	2003	08/29/08
Mike	Hawk	NE Omaha	2114	442	26	1196	49	0	48	1	5	10	0	64	1991	10/30/06
Bruce	Elving	MN Esko-Duluth	1973	399	~	1467	9	8	47	1	4	3	0	55	1948	03/01/07
Fred	Nordquist	SC Moncks Corner	1700	403	30	1050	31	0	37	1	6	12	15	71	2005	01/31/09
Bob	Smolarek	NJ Oldwick	1683	233	2	928	2	4	37	1	4	0	3	45	1978	11/14/06
Girard	Westerberg	KY Lexington	1666	191	10	584	43	5	43	0	7	6	8	64	2000	06/15/08
Nick	Langan	NJ Florence	1634	248	44	872	19	1	38	1	8	1	7	55	2005	07/05/08
Jim	Renfrew	NY Byron/Holly	1593	311	32	962	33	1	38	1	7	0	2	48	1976	02/07/07
Matt	Sittel	NE Bellevue	1510	325	21	858	47	0	48	1	5	7	0	61	1999	3/10/08
David	Pierce	VA Woodbridge	1263	205	6	827	46	0	38	1	7	1	2	49	1999	07/26/08
Russ	Edmunds	PA Blue Bell	1196	313	~	702	14	0	33	1	8	0	6	48	1988	8/13/2007
David	Williams	OR Redmond	999	116	3	591	195	11	26	0	5	6	0	37	2004	07/18/06
Gary	Siegel	OH Toledo	987	201	14	265	1	0	35	1	7	4	1	48	1976	02/12/07
D.Bruce	Hall	ON Brantford	800	132	~	153	106	2	40	1	6	1	3	51	1990	07/20/94
Jeff	Kadet	IL Macomb	609	114	~	55	4	0	32	1	3	0	0	36	1983	09/28/83

<b>COLUMN DEFINITIONS:</b>
Total = Total number of FM stations logged from DXer's
location (All loggings should be received within 25 mile radius of this location to count.)
Freq. changes count as a station, call letter changes DO NOT count. Also count a station
only once regardless if logged by different propagation modes. 88-92 = All stations logged
from 88.0 to 91.99 Mhz. LPFM=Total LPFM/Translators Es = Total number of stations logged via E-skip .MS = Total by meteor
scatter. Au = Total via Aurora. USA = Total number of states and the "+" = Washington, DC.
CN = Number of Canadian provinces logged. MX = Number of Mexican states logged.FO = Number
of foreign countries, but not Canada or Mexico. TPU (Total number of political units) = Sum of
USA CN MX and FO. YB = The year you began DXing from this location.
AS OF & DATE = Date of last update.

TV SCOREBOARD																	
FNAME	LNAME	LOCATION	TOTAL	UHF	LPTV	HDTV	ES	MS	AU	USA	DC	CN	MX	FO	TPU	YB	AS OF:
Jeff	Kadet	IL MaComb	2086	1512	565	221	297	9	0	45	1	7	15	9	78	1983	03/21/05
Roy	Barstow	MA Teaticket	1000	549	222	152	147	94	1	37	1	7	0	5	50	1971	09/12/08
Matt	Sittel	NE Bellevue	847	622	217	159	129	0	0	42	1	4	6	0	53	1999	03/10/08
Jeff	Kruszka	LA Baton Rouge	783	516	127	101	162	0	0	35	1	1	14	4	55	1993	11/01/07
Fernando	Garcia	NL Monterrey	756	512	201	~	111	0	0	31	~	0	8	5	44	1991	12/31/96
Richard	Shaftan	NJ Sparta	715	357	84	79	160	0	0	37	1	6	0	1	45	1981	12/08/06
Gary	Siegel	OH Toledo	712	349	64	1	173	0	0	39	1	6	4	2	52	1970	02/12/07
Girard	Westerberg	KY Lexington	622	356	19	161	126	1	0	40	1	7	5	1	54	2005	07/08/07
Tom	Bryant	TN Nashville	383	184	18	~	78	3	0	30	~	4	4	1	39	1964	09/18/93
Fred	Nordquist	SC Moncks Corner	376	301	35	132	28	0	0	20	0	1	0	2	23	2005	10/17/08
Robert	Grant	MI Bishop (Detroit)	373	149	~	~	113	23	1	38	0	7	0	3	48	1969	06/10/89
Robert	Grant	MI Temperance	356	208	27	74	73	0	0	30	0	4	0	0	38	1999	12/02/07
Jeff	Rostron	MA Springfield	302	216	~	47	119	0	0	~	~	~	~	~	~	~	09/12/08
Mike	Glass	IN Indianapolis	287	216	15	97	26	0	0	26	0	2	0	0	28	2007	11/16/07
David	Pierce	VA Woodbridge	173	86	2	30	62	0	0	30	1	2	0	0	33	1999	07/31/08

Robert	Grant	MI Honor	171	27	-	-	80	10	0	31	1	6	0	0	38	1979	12/31/99
Jeff	Kruszka	TX Pearland	163	81	11	32	50	0	0	28	1	0	3	2	34	1985	09/12/08
Robert	Grant	MI Manistique	128	78	8	23	26	0	0	19	0	2	0	0	21	2003	12/02/07

**COLUMN DEFINITIONS:**

Total = Total number of TV stations logged from DXers location (All loggings should be received within 25 mile radius of this location to count.)  
 Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes.  
 UHF = All stations logged from CHANNELS 14 TO 83. LPTV=Low PowerTV/Translators logged.  
 HDTV=High Def TV stations logged.(HDTV also included in all other totals)  
 Es=Total number of stations logged by E-skip. MS=Total by meteor scatter. Au=Total via Aurora. USA=Total number of states and the "+" = Washington, DC.  
 CN=Number of Canadian provinces logged. MX=Number of Mexican states logged. PO=Number of foreign countries, but not Canada/Mexico.  
 TPU (Total number of political units)=Sum of USA CN MX and FO. YB = The year you began DXing from this location.

**Send in your updates to be included on future WTFDA VUD Statistics Columns, even if it just includes your totals, but the more the better! 73 - Fred**

**WESTERN TV DX CONTINUES FROM PAGE 22**

Jan 23 – Jan 27                None (rain Jan 22 – Jan 24)  
 Jan 28                            Poor+ (colder)  
 Jan 29 – Jan 30                None (regional winds again)  
 Jan 30 eve – Feb 1            Variably fair+ (warming)

Equipment at WASCO with outdoor antennas:

- Oldish Sony 12" Trinitron KV-1214 analog
- 2008 LG 20" flat-screen HD LCD 20LS7D ATSC-NTSC
- UHF 4-bay conical at 16' AG and VHF 1-bay conical at 10' AG

In Wasco for a few days, there was some tropo, not extensive but productive nonetheless. Winter season can bring foggy inversion air layering in the Calif San Joaquin Valley as was somewhat this time. Here are notable results (new underlined):

Jan 15 Tr 2200+                    Apx. mi.-direc.  
 KUVS 19 Modesto CA (Uni)    175 nnw  
 K56DZ 56 Fresno CA (TBN)    90 n  
KAIL-DT 7 Fresno CA (My)    100 n  
KFSN-DT 9 Fresno CA (ABC)    100 n

Jan 16 Tr morning  
K27GT 27 Mariposa CA (TBN)    150 n

Jan 17 Tr 0630  
 KOVR 13 Stockton CA (CBS)    215 nnw  
 KAZV-LP 14 Modesto (infom-features) 175 nnw  
KFTK-TV 64 Stockton (Spanish) 220 nw

At Wasco, the new DT loggings were marginal strength (cutting in & out) on LG with my modest antennas. With these, my 2004 Accurian DTV box would probably not have seen them at all. For tropo, analog & Digital, the LG HD TV is indeed a good DX tool, with the 2008 Zenith DTT901 box doing similarly well on DT whenever I have tried it. Wasco

analog total is 223 (2 new) and Wasco DTV total is 17 (2 new).  
Jan 25: Es in Santa Barbara. I might have missed it but Don Voegele alerted me. I then saw it at my place 1720-2020 generally E to SE direction. Possibly Texas vicinity at first with MUF ch 5, and toward end was up to ch 6 apparently Mexico. Rabbit ears, very rough opening, jumbles of signals, no definite IDs, analog only. Some details:  
 1. 1725: Ch 4, heard "Fox 4" mentioned  
 1730: Ch 4, possibly same stn, start of the The Simpsons  
Tentative: KDFW 4 Dallas TX (Fox) 1300 mi.  
 2. 1800: Ch 5: PBS logo for a couple of seconds  
Tentative: KNME-TV 5 Albuquerque NM (PBS) 750 mi., or KTXT-TV 5 Lubbock TX (PBS) 1050 mi.  
 3. 1800-2020: Ch 2, Spanish, prob Mexico, poss movie with constant info (non-ID) in upper right white letters: Temperature/"tucanal" ('tu' in dark blue)/time in MST. Temp shown from 15 degrees down to 11 degrees during the time seen (prob Celsius).  
 4. Additional pgming on many chs: Futbol (soccer-Spanish), in & out all during session, including one starting 2000 on chs 4 & 5 together (simul).  
 5. Don saw this Es with rooftop antenna but rough opening or him also & no IDs.

Equipment at Don V's place – TV rxs with outdoor antennas:

- Apx 15" Samsung analog TV, with newly-installed oldish VHF medium-range log antenna
- Don's new 2008 Sansui 19" flat-screen HDLCD1908 ATSC-NTSC, with the Finco UHF 5-ft dish. However, Don noted developing problem with Sansui, sound cutting out. He is returning it to the store. Stay tuned.

Best of DX to all                    Dennis

## ANALOG STATIONS GOING OFF BEFORE JUNE 12th

The following stations expect their analog signals to be off the air before the new June 12th deadline. Many of these are of course already off. They're arranged by TV market.

A=ABC C=CBS F=Fox N=NBC P=PBS

### DTV-only stations: (never had an analog signal)

Albuquerque-Santa Fe:  
KNMD-9P  
Bend, Ore.:  
KOHD-51A  
Cheyenne-Scottsbluff:  
KTUW-16  
Denver:  
KPJR-38  
Gainesville, Fla.:  
WNBW-9N

Knoxville, Tenn.:  
WMAK-7  
RenoNev.  
KBBC-20  
Wichita-Hutchinson:  
KWKS-19P  
Wichita-Hutchinson:  
KDCK-21P

(This is not a complete list. Presumably most DTV-only stations felt it unnecessary to inform the FCC of the status of their non-existent analog facilities.)

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### Stations off before February 17th:

Abilene, Tex.: KXVA-15F, KPCB-17  
Albany, Ga.: WSWG-44C  
Albuquerque:KTEL-25, KRPV-27, KUPT-29, KTLL-33  
Amarillo: KVIH-12C, KEYU-31  
Bangor: WMEB-12P, WMED-13P  
Bend, Ore.: KOHD-51A  
Boston: WZMY-50  
Bowling Green, Ky.:WBKO-13A  
Casper, Wyo.:KCWC-4P  
Charleston, W.Va.WSAZ-3\*  
Charlottesville, Va.:WCAV-19C  
Chattanooga:WFLI-53  
Cheyenne:KTNE-13P, KTUW-16, KQCK-33  
Chico, Calif.:KIXE-9P, KHSL-12C, KNVN-24N, KCVU-30F  
Cleveland:WNEO-45P, WMFD-68  
Columbia, Mo.:KNLJ-25  
Columbus, Miss.:WCBI-4C, WKDH-45A  
Dallas:KSTR-49, KLDT-55  
Denver:KRNE-12P, KPJR-38, KWHD-53  
Duluth:KRIL-11N, KQDS-21F  
Elmira:WENY-36A, WYDC-48F  
Erie:WJET-12A, WQLN-54P  
Eureka:KVIQ-6C, KBVU-29F  
Fairbanks:KFXF-7F  
 Fargo:KXJB-4C, KJRR-7F, KBRR-10F, KVLV-11N, KFME-13P, KVRN-15F  
Flint: WFUM-28P  
Fort Myers: WRXY-49  
Fort Smith: KFTA-24N  
Gainesville, Fla.:WGFL-53C  
Grand Junction:KRMJ-18P  
Grand Rapids:WLLA-64  
Green Bay:WWAZ-68  
Guam:KGTF-12P  
Harrisonburg, Va.:WHSV-3A\*  
Helena:KTVH-12N  
Honolulu:ALL Hawaiian stations  
Huntsville:WYLE-26  
Idaho Falls:KFXP-31F  
Indianapolis:WHMB-40  
Kansas City:KCWE-29  
Knoxville:WKOP-15P, WAGV-44, WVLR-48  
La Crosse:WEAU-13N  
Lansing:WHTV-18, WKAR-23P  
Laredo:KVTU-13C  
Lexington:WLJC-65  
Lima:WBGU-27P, WTLW-44  
Lincoln:KHAS-5N, KMNE-7P, KOLN-10C, KUON-12P  
Little Rock:KETS-2P, KVTN-25

Los Angeles:KVMD-31, KJLA-57  
Lubbock:KPTB-16  
Macon:WGNM-64  
Madison:WMTV-15N  
Meridian:WGBC-30N  
Minneapolis:KFTC-26F  
Minot:KWSE-4P, KDSE-9P, KMOT-10N  
Mobile:WHBR-33, WPAN-53, WAWD-58  
Monroe:KNOE-8C, KAQY-11A, KMCT-39  
Montgomery:WAKA-8C  
Nashville:WCTE-22P, WHTN-39, WJFB-66  
New Orleans:WVUE-8F, WHNO-20, WLAE-32P  
New York:WSAH-42, WTBY-54, WLNY-55, WRNN-62  
Norfolk, Va.:WSKY-4  
North Platte:KNOP-2N, KPNE-9P  
Odessa:KMLM-42  
Orlando:WDSC-15P, WACX-55  
Paducah:WSIU-8P  
Parkersburg:WTAP-15N\*  
Peoria:WAOE-59  
Philadelphia:WLVT-39P, WTVE-51, WMCN-53  
Phoenix:KFPH-13  
Pittsburgh:WGPT-36P  
Portland, Ore.:KPXG-22  
Portland, Me.:WCBB-10P, WMEA-26P, WPME-35, WPXT-51  
Presque Isle, Me.:WMEM-10P  
Providence:WLWC-28, WSBE-36P, WPXQ-69  
Quincy, Ill.:WTJR-16  
Rapid City:KPSD-13P, KNBN-21N  
Reno:KOLO-8A  
Rockford, Ill.:WIFR-23C  
Salisbury, Md.:WCPB-28P, WMDT-47A  
Salt Lake City:KCBU-3, KBNY-6, KBCJ-6, KUEW-18P, KUES-19P  
San Angelo:KIDY-6F  
San Francisco:KUNO-8  
San Juan:WOST-16, WMEI-60  
Seattle:KHCV-45, KWDK-56  
Shreveport:KPXJ-21  
Sioux City:KXNE-19P  
Sioux Falls:KDLV-5N, KABY-9A, KTTM-12P, KDLT-46N  
South Bend:WNDU-16\*, WNIT-34P, WHME-46  
Spokane:KWSU-10P, KAYU-28F  
Springfield, Mass.:WGGB-40A, WGBY-57P  
St. Louis:KNLC-24  
Topeka:WIBW-13C  
Tri-Cities (TN-VA):WLFG-68  
Tucson:KTTU-18, KUVE-46

Waco:KBTX-3C  
Washington:WHAG-25N, WNVT-53P, WNVC-56P  
Wausau:WSAW-7C, WJFW-12N, WLEF-36P  
West Palm Beach:WTVX-34, WFGC-61  
Wichita:KSNC-2N, KLBY-4A, KPTS-8P, KSNK-8P,  
KAKE-10A, KUPK-13A, KWKS-19P, KDCK-21P  
Wilkes-Barre:

WSWB-38  
Wilmington, NC:WWAY-3A, WECT-6N, WSFX-26F  
Yakima:KCWK-9  
Zanesville:WHIZ-18N

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**Stations off before February 17th but offering “nightlight” service after that date:**

Charleston, W. Va.:WSAZ-3N  
Harrisonburg, Va.:WHSV-3A  
Parkersburg, W. Va.:WTAP-15N

South Bend:  
WNDU-16N

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**Stations going off on February 17th:**

Albany, Ga.:WABW-14P, WACS-25P  
Albuquerque:KENW-3P  
Alexandria, La.:KALB-5N, WNTZ-48F  
Atlanta:WCIQ-7P, WGTW-8P, WATC-57  
Augusta:WJBF-6A, WRDW-12C, WEBA-14P,  
WCES-20P  
Bangor:WVII-7A  
Biloxi:WMAH-19P, WXXV-25F  
Birmingham:WBIQ-10P  
Bluefield:WVNS-59C  
Boston:WENH-11P, WMFP-62  
Bowling Green, Ky.:WKYU-24P  
Burlington, Vt.:WLED-49P, WCFE-57P  
Butte:KWYB-18A  
Casper:KTWO-2A, KGWL-5C, KPTW-8P, KFNE-10F,  
KGWC-14C, KFNB-20F  
Cedar Rapids:KWVL-7A, KWKB-20, KFXB-40  
Champaign:WANC-17N, WBUI-23, WCCU-27F,  
WRSP-55F  
Charleston, S.C.:WITV-7P  
Charlotte:WNSC-30P, WTVI-42P, WAXN-64  
Chattanooga:WDEF-12C, WNGH-18P  
Cheyenne:KLWY-27F  
Clarksburg:WBOY-12N  
Cleveland:WOAC-67  
Columbia, S.C.:WRJA-27P, WRLK-35P, WZRB-47,  
WKTC-63  
Columbus, Ga.:  
WJSP-28P, WLTZ-38P  
Columbus, Miss.:WMAB-2P, WMAE-12P  
Dallas:KTAQ-47  
Davenport:KGCW-26  
Denver:KREG-3C, KWYP-8P, KBDI-12P, KRMZ-24P  
Des Moines:WHO-13N  
Detroit:WPXD-31  
Dothan:WGIQ-43P  
Erie:WSEE-35P  
Eureka:KEET-13P  
 Fargo:KBME-3P, KSRE-6P, WDAZ-8A, KJRE-19P  
Fort Myers:WINK-11P, WZVN-26A, WXCW-46  
Fort Wayne:WISE-33N  
Gainesville:WCJB-20A  
Grand Junction:KFQX-4F, KREX-5C, KREY-10C,  
KKCO-11N  
Great Falls:  
KRTV-3C, KFBB-5A  
Greenville, S.C.:WNTV-29P, WNEH-38P, WRET-  
49P, WYCW-62  
Greenwood, Miss.:WMAO-23P  
Guam:KUAM-8N, KTGM-14A  
Harlingen:KMBH-60P  
Harrisburg:WLYH-15, WITF-33P  
Hartford:WUVN-18, WHPX-26  
Huntsville:WHIQ-25P, WAAY-31A, WFIQ-36P  
  
Indianapolis:  
WCLJ-42, WIPB-49P

Jackson, Miss.:  
WMAU-17P, WMPN-29P, WRBJ-34  
Jackson, Tenn.:WLJT-11P  
Jacksonville:WXGA-8P  
Johnstown:WWCP-8F, WATM-23A  
Jonesboro:KTEJ-19P, KVTJ-48  
Joplin:KOAM-7C  
Knoxville:WETP-2P  
Lake Charles:KVHP-29F  
Lansing:WILX-10N  
Las Vegas:KMCC-34  
Lexington:WTVQ-36A, WYMT-57C  
Lincoln:KLNE-3P, KWNB-6A, KGIN-11C, KHGI-13A,  
KHNE-29P  
Little Rock:KARK-4N, KVTH-26, KASN-38  
Los Angeles:KHIZ-64  
Louisville:WBKI-34  
Lubbock:KTXL-5P, KLBK-13C, KLCW-22, KAMC-  
28A, KJTV-34F  
Macon:WGXA-24F, WMUM-29P< WMGT-41N  
Medford:  
KOTI-2N, KOBH-5N, KSYS-8P, KDRV-12A, KMOV-  
26F, KBLN-30  
Memphis:WMAV-18P, WLMT-30  
Meridian:WMAW-14P  
Miami:WSBS-22, WPXM-35  
Milwaukee:WVCY-30  
Minneapolis:KAWE-9P, KWCM-10P  
Minot:KFYR-5N, KQCD-7N, KUMV-8N, KMCY-14A  
Missoula:KTMF-23A  
Mobile:WSRE-23P, WEIQ-42P, WJTC-44, WBPG-55  
Montgomery:WDIQ-2P, WCOV-20F, WAIQ-26P,  
WIIQ-41P  
Myrtle Beach:WHMC-23P, WJPM-33P  
New York:WEDW-49P, WMBC-63  
Norfolk:WHRO-15P  
Oklahoma City:KWTW-9C, KETA-13P, KAUT-43  
Omaha:WOWT-6N, KYNE-26P  
Orlando:WMFE-24P, WVEN-26, WTGL-45, WBCC-  
68P  
Panama City:WMBB-13A, WPCT-46  
Peoria:WMBD-31C, WTVP-47P  
Philadelphia:WMGM-40N  
Phoenix:KCFG-9, KTAZ-39, KPPX-51  
Pittsburgh:WQEX-16  
Portland, Me.:WPFO-23F  
Puerto Rico:WORO-13, WTCV-18, WRUA-34,  
WECN-64  
Quincy:WMEC-22P, WQEC-27P  
Raleigh:  
WRAY-30  
Rapid City:KDUH-4A, KIVV-5F, KEVN-7F, KZSD-8P,  
KBHE-9P, KSGW-12A  
Reno:KNPB-5P, KRXI-11F, KAME-21, KREN-27  
  
Roanoke:WDRL-24

Rochester, Minn.:KTTC-10N  
 Salt Lake City:KCSG-4, KGWR-13C  
 San Diego:KFMB-8C, KGTV-10A  
 San Francisco:KCNS-38, KFTY-50  
 Santa Barbara:KTAS-33, KPMR-38  
 Savannah:WVAN-9P, WJWJ-16P, WTGS-28F,  
 WGSA-34  
 Seattle:KVOS-12, KBCB-24, KWPX-33  
 Sherman:KXII-12C  
 Shreveport:KSHV-45  
 Sioux Falls:KUSD-2P, KPRY-4A, KESD-8P, KTSD-  
 10P, KQSD-11P, KSFY-13A, KDSD-16P, KTTW-17F,  
 KSMN-20P, KCSD-23P  
 Spokane:KXLY-4A, KHQ-6N  
 Springfield, Mo.:KSPR-33A  
 St. Louis:WRBU-47  
 Tallahassee:WCTV-6C, WFSU-11P, WRXL-27A,  
 WFSG-56P, WFXU-57F  
 Tampa:WEDU-3P, WCLF-22, WWSB-40A, WVEA-62  
 Terre Haute:WUSI-16P  
 Toledo:WGTE-30P

Topeka:KTWU-11P  
 Tulsa:KOED-11P, KDOR-17, KQCW-19, KRSC-35P,  
 KMYT-41, KWHB-47, KGEB-53  
 Twin Falls:KMVT-11C  
 Tyler:KYTX-19C  
 Utica:WKTV-2N  
 Waco:KWBU-34P  
 Washington:WJAL-68  
 Watertown:WWNY-7C  
 Wausau:WAOW-9A, WFXS-55F  
 Wichita Falls:KFDX-3N, KSWO-7A, KJTL-18F  
 Wichita:KSWK-3P, KBSH-7C, KOOD-9P, KSAS-24F,  
 KMTW-36  
 Wilkes-Barre:WNEP-16A, WYOU-22C, WBRE-28N,  
 WVIA-44P, WQMY-53  
 Yakima:  
 KFFX-11F, KNDO-23N, KNDU-25N, KAPP-35A,  
 KVEW-42A

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**Stations going off on February 17th but offering “nightlight” service after that date:**

Albuquerque:KOB-12N  
 Amarillo:KACV-2P  
 Augusta:WAGT-26N  
 Austin:KEYE-7C  
 Baltimore:WBFF-45F, WNUV-54  
 Binghamton:WBNG-12C  
 Birmingham:WDBB-17, WTTT-21, WABM-68  
 Bluefield, W.Va.:WVVA-6N  
 Boston:WEKW-52P, WNEU-60  
 Buffalo:WUTV-29F  
 Burlington, Vt.:  
 WCAX-3C, WPTZ-5N, WVTB-20P, WVNY-22A,  
 WVER-28P, WNNE-31N, WETK-33P, WVTA-41P,  
 WFFF-44F  
 Cedar Rapids:KGAN-2C, KFXA-28F  
 Champaign:WICD-15N, WICS-20N, WEIU-51P  
 Charleston, S.C.:WTAT-24F, WMMP-36  
 Charleston, W. Va.:WOWK-13C  
 Charlotte:WHKY-14  
 Charlottesville, Va.:WVIR-29  
 Chattanooga:WTCI-45P  
 Cincinnati:WSTR-64  
 Columbus, O.:WTTE-28F, WWHO-53  
 Columbus, Miss.:WLOV-27F  
 Des Moines:  
 KDSM-17F  
 Detroit:WMYD-20  
 Duluth:KBJR-6N, WDIO-10A, WIRT-13A  
 Eugene:KEZI-9A, KLSR-34F  
 Fresno:KVPT-18P  
 Fort Myers:WBBH-20N  
 Fort Wayne:WPTA-21A, WFWA-39P  
 Green Bay:WFRV-5C, WIWB-14  
 Greensboro:WXLV-45A, WMYV-48  
 Greenville, S.C.:WNEG-32C, WMYA-40  
 Greenwood, Miss.:WABG-6A, WXVT-15C  
 La Crosse:WKBT-8C, WQOW-18A, WXOW-19A,  
 WLAX-25F, WEUX-48F  
 Las Vegas:KVMY-21, KVCW-33  
 Macon:WPGA-58A  
 Madison:WISC-3C, WKOW-27A, WBUW-57  
 Meridian:WMDN-24C  
 Milwaukee:WVTV-18, WCGV-24  
 Minneapolis:KAWB-22P, WUCW-23  
 Mobile:WFGX-35  
 Monterey:KCBA-35F, KION-46C  
 Nashville:WZTV-17F, WUXP-30, WNAB-58

New York:WFME-66  
 Norfolk:WTVZ-33  
 Odessa:KPBT-36P  
 Oklahoma City:KOKH-25F, KOCB-34  
 Orlando:WRDQ-27  
 Paducah:KBSI-23F, WDKA-49  
 Peoria:WEEK-25N, WYZZ-43F  
 Phoenix:KMOH-6  
 Pittsburgh:WPMY-22, WPGH-53F  
 Portland, Me.:WGME-13C  
 Providence:WLNE-6A, WJAR-10N, WPRI-12C,  
 WNAC-64F  
 Quincy:WGEM-10N  
 Raleigh:WLFL-22, WRDC-28  
 Richmond:WRLH-35F  
 Rochester, N.Y.:WUHF-31F  
 Rochester, Minn.:KXLT-47F  
 Rockford:WREX-13N, WTVO-17A, WQRF-39F  
 San Angelo:KSAN-3N, KLST-8C  
 San Antonio:KABB-29F, KMYS-35  
 San Diego:KSWB-69F  
 San Francisco:KICU-36  
 Santa Barbara:KEYT-3A, KSBY-6N, KCOY-12C  
 Savannah:WJCL-22A  
 Sioux City:KTIV-4N, KCAU-9A, KMEG-14C, KPTH-  
 44F  
 South Bend:WSBT-22C, WSJV-28F  
 Spokane:KSPS-7P  
 Springfield, Mass.:WWLP-22N  
 St. Louis:KDNL-30A  
 Syracuse:WNYS-43, WSYT-68F  
 Tampa:WTTA-38  
 Topeka:KTKA-49A  
 Tulsa:KOTV-6C  
 Victoria:KAVU-25A  
 Waco:KCEN-6N, KWTX-10C, KXXV-25A, KYLE-28F,  
 KWKT-44F  
 Wausau:WYOW-34A  
 Wheeling:WTRF-7C  
 Wichita:KWCH-12C, KSCW-33  
 Wilmington, N.C.:WUNJ-39P  
 Yakima:KTNW-31P

Any stations not on these lists presumably will remain on the air until at least June 12th. One station (WNBC-4, New York City) has already expressed intent to remain on the air with “nightlight” service until July 12th.



## **TRANSITIONING ON...AND ON AND ON....**

FROM THE FEBRUARY 2009 SATFACTS EXTENDED 2009 – BOB COOPER

### **Forget the problem - create a NEW solution!**

Reviewing: There are 300 million US people living in 100 million homes/apartments/tents/park benches/back seat of abandoned cars ad infinitum. 85 million of these residences have either cable TV or satellite TV leaving 15 million who receive some or all of their TV via OTA (over the air); *antenna connected viewers*. (Cable and satellite viewers do not require doing anything - their service provider performs the conversion and one could therefore draw the conclusion that only the homes that cannot afford cable or satellite are caught in this greed tussle.)

The Bush government created a digital conversion plan based upon \$40 government coupons to go to those homes not connected to cable or satellite. The \$40 was to offset or partially offset the cost (typically US\$50) of acquiring a set-top digital in - analogue out conversion box. Australians can purchase the same thing for as low as Au\$29; in the UK they are even cheaper. The concept was these boxes, connected between the existing TV antenna and the existing analogue-only TV set would allow reception of the digital signals on an old-fashioned analogue receiver. More than 30 million coupons were funded (US\$1.4 billion) and to acquire one required the analogue-only viewer to go to a web site and make application. The cheques arrived in the mail, but had a self-expiring date 90 days after being mailed. Accurate numbers are elusive but it appears at least 4 million of these coupons were not used although at the U.S. Treasury they appeared on the books as 'spent'. Another set of unreliable numbers, which changes daily by 7-digit numbers (suggesting the numbers quoted are at best somebody's fantasy), reports 5.8 million (or 7.2 or 9.4 etc.) homes that should have applied for a coupon have *not bothered* to do so. It was the panic that 5.8 (or whatever) million homes would awake on February 17th and discover their TV stations were no longer broadcasting which caught the attention of the incoming Obama administration. It was a wonderful opportunity to impress 5.8 million homes with "*Obama cares and Bush did not!*" messages.

If only it was that simple.

For 1,800 analogue TV stations to change to digital has been a major effort. And extremely expensive for the TV stations. And they did not receive any 'coupons' for the effort. What they did get - or will get - once this mess is over - is the ability to add one, two, three or even four additional '*programme channels*' to what they radiate - in theory each of these additional *channels* are new opportunities for new revenue (this assumes the TV station receiving this 'bonus' is a commercial station - in fact 12% are non-profit-public that depend upon viewer donations or subsidies from some level of government - like SBS and ABC in Australia).

The first digital TV OTA testing happened nearly a decade ago and slowly, mostly after 2005, stations faced with February 17, 2009 have invested money in 'going digital'. For 99% of these stations, they were forced by rules to continue telecasting in analogue while slowly bringing their digital service on the air. In other words, two parallel transmitters, one analogue and one digital with only the analogue actually earning revenue at that point. It was a huge up-front investment (the new digital gear) and for those running both formats at once it added numbers like US\$50,000 a month just to maintain analogue and pay the extra electrical bills.

And to this point it remains 'only slightly more complicated' than the original simplistic intent.

The US Senate and the US House both created Obama inspired emergency legislation and the wording was not similar. When this happens, after each chamber votes on and approves a bill, a committee meets to thrash out a compromise bill - one that (1) answers the original call from Obama, (2) does not step on tender toes in the Senate, and, (3) does not infuriate the House. This 'merged' piece of legislation finally passed both houses on February 4 and was rushed to the White House for Obama's signature. He responded by announcing, "*I will allow five days for comment before signing*"; which took us to February 9. Sort of pushing the February 17th existing deadline? Of course. And now all signs of 'simplicity' evaporate into the world of bureaucracy.

The final bill basically left it up to the TV stations to decide whether they would go ahead with long established (and long announced) plans to cease analogue on February 17th - or at some to be determined date in the future but in no case later than June 12th. As of February 4, approximately 200 stations had already switched off their analogue transmitters. The remaining 1,600 had every intent of being off February 17th - not that they had a choice at the time.

Now they had a new opportunity - stay on longer - a decision which seemed simple enough to make - were they willing to continue paying for both analogue and digital for an additional four months and if so, what would the benefits be? Simple enough; yes?

No.

Along comes the Federal Communications Commission bureaucracy which issued a warning - "*we may NOT allow you to shut down February 17th*" (or - "*we may not allow you to continue past February 17th*"). Somewhere out there is the big world of smart people a bureaucrat was crunching numbers and deciding which 'TV markets' were especially slow in making the conversion to digital. They announced, "*You must have our permission to shut-down February 17th*" all in the interest of on-going TV for those people who have ignored the two years of warnings and advice and the \$40 coupon program to date. So a station that REALLY wanted to shut-down analogue on February 17th might not be allowed to do so? You got it. Only on February 11th, as these words are written, no such list of who will be permitted and who will not be allowed to shut-down February 17th has appeared. Those who operate TV stations can elect to 'stay on until June 12th' without FCC permission but to shut down they need special permission. Still, many hundreds are shutting down on February 17th - some without FCC permission (yes, that will start lawsuits) citing the \$50,000 a month to keep their analogue operating for an audience base best measured in single digit percentage points. One station manager in Atlanta went public with, "*Why should we be penalized to the tune of \$50,000 a month because 4% of our audience has not bothered to take advantage of free government coupons after two years of being available?*"

The coupons. The original 30-million-plus were all gone (given out) back in mid-December and there is a waiting list estimated (as all numbers in this fiasco are estimates) of around 500,000 . The original 'Bush Law' creating the coupons allowed 90 days for cashing them in so when 4 million (again, somebody's estimate) did not get back into the banking system they became 'frozen'; in the mind of the treasury bureaucracy they had been 'spent' (the day they were mailed) but somehow never collected. So in fact there are some number (perhaps 4 million - nobody seems to know) past their use-by-date against 400,000 (or who knows for sure how many) standing in line for coupons. In theory, the ones never turned in would more than cover the standing-in-line folks but that would require a new law to deal with. So the answer in the Obama favoured bill is to create a new set of \$40 coupons - on top of the original amount. Again, that seems simplistic.

But the Obama inspired legislation only deals with extending the February 17th date - subject to the intervention of the FCC on a case by case basis. NOW - we need a bill to authorize the money from treasury to pay for the new coupons. And we need new coupons to be printed and a new bureaucracy created to process applications for the new coupons.

They say 'March or April' before this will happen which means from February 17th *until* whenever the new money is available and the new coupons are available nothing will happen to get those 5.8 million (or whatever the REAL number is) of laggard homes into the digital world. And that is the underlying reasoning (if '*reasoning*' is the correct word) behind allowing stations to continue their analogue services until June 12th. It will take at least that long for the bureaucracy that must support the new coupons to get into gear. But hold on - it gets better!

The STBs are Chinese and the Asian source had done their planning based upon all boxes being distributed by December. So the box sources have, from October onward, been slowly (and then more rapidly) '*ramping down*' production of STBs. Right now, today, there are no new boxes being produced and the Chinese sources are saying things like "*We have no idea how many more to make - or when to start making them.*" Logical. Their market was supposed to dry up, go away, late in 2008 and now along comes the American politicians who think they can restart the process on VERY short notice. There is no accurate indication of how long it might be before the Chinese are once again shipping boatloads of STBs to America but nobody really expects to see them much before April or May (which may work just fine since the coupons won't be in distribution until then anyhow!). It should be pointed out the American STB is not like any other country's STBs - you can't simply divert unsold American units to Australia or Austria; they won't work there.

Okay - so they have a mess. Alas, we have barely scratched the surface! Now we try to understand the FCC's mishandling of allowing certain stations in specific cities to either leave analogue February 17th or be forced (such as the example station in Atlanta) to stay on the air past that date. It is all about the 'domino effect'.

Let's say we have four cities we will identify as "A", "B", "C" and "D". The distance from A to B is 100 miles, from A to C 75 miles, and from A to D 200 miles. We'll overlook how far it might be from B to C or B to D etc.

The stations in "A" are all prepared to turn off their analogue on February 17th and millions of dollars have been spent to allow that to happen. So too those in B, C and D. But the FCC comes along and determines in their wisdom that '*B still has 7% of the homes who are not digital ready*' so all of the TV stations in B are being told "*you must remain on the air in analogue until June 12th.*"

This is going to become much more complicated than the following 'what if' but here is a starting point.

Of the seven TV stations in "A", two will "flash cut" from their present analogue channels to use the same channel for digital. And that leaves five other stations in "A". Three of these are using temporary DTV 'test channels' today but on February 17th they were scheduled to move to new, permanent digital channels. Alas, each of these three stations are to move to a permanent channel which is today in use in "B" for analogue transmission. If "B" stations are being told they must continue to operate their analogue until June 12th, none of these three "A" stations can move to their new, permanent digital channels - until B stations give up their analogue operation. So now we have 3 stations in "A" which are forced to continue their analogue even though they are ready to move to the new permanent digital channels (and turn off their present temporary digital channels).

Meanwhile there are two more analogue channels in "A" which are using temporary channels for DTV and will be using permanently channels which are presently in use in "C" for C's own temporary DTV operations. But "C" and "D" have conflicts with "E" and "F" and only a few of the TV stations in "C" can move to their permanently assigned channels - leaving the two channels in "A" using their temporary DTV channels until June 12th. These two channels can turn off their existing analogue channels on February 17th but they cannot move to their new permanent channels - yet.

The domino effect; more than 1,000 stations are locked into a grid pattern which involves one or two or a dozen or fifty other stations scattered across the country side like a row of dominoes.

And it does not take the FCC to create this havoc - under the February 4 legislation individual stations have only one "easy option" - and that is to remain on the air with their analogue just as they have for decades, until June 12th. Any other choice introduces the crumbling row of dominoes where even one station in the 'chain' being stubborn and staying on analogue until June 12th - or being ordered to do so by a bureaucracy - can stop anything approaching a large scale switch over to digital-only.

Pogo said it so well: "*I have met the enemy and it is me.*"

## **Summary**

How do you put a 'disaster' into summary-form? In the very sad and heart-breaking case of Australia's recent (and continuing as these words are written) 'bush fires' you quote numbers - number of people dead, number of homes destroyed, hectares burnt to a crisp. In the case of America's digital-TV-transition the numbers are so suspect they cannot be believed. This activity has, sadly, been managed very poorly (yes - that is an editorial 'opinion'). But the good side of this is that Australia, New Zealand, even Fiji and PNG can profit from their mistakes.

Asian firms manufacturing analogue-only TV receivers are at the end of that practice; with countries such as the US, UK, Sweden, Germany (to name but a few) doing the digital transition, the consumer market for analogue-only TV receivers is downsizing by the day. There are transition sets now being built (they receive either analogue or digital) but like the analogue onlys - the days are numbered. Several name-brand sources (Mitsubishi for example) have already ceased production of anything analogue for TV sets. Others will do so - many in 2009 - with scant advance notice.

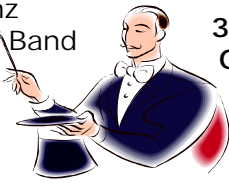
So our forecast: If you are reading this in a non-digital country (Fiji comes to mind) expect not only name brand analogue (or analogue + digital) consumer sets to first become harder to source and then more expensive - *much more expensive*. Have you attempted to locate a VHS tape (only) VCR recently? Learn from that frustration - and stock up on the increasingly difficult to locate 240 tapes while you have the chance. The most basic law of economics is at work here - when the volume goes down, the price goes up or the object simply disappears from the market.

The original concept for digital was "more, better" with the bonus of freeing up from TV broadcasting significant amounts of megahertz spectrum space - to be assigned ("sold" is the proper word) to other users. The PR attached to this side of the transition usually begins with mentioning "*more radio frequencies for first-line- responders*" which of course makes it OK to earn billions from the commercial firms who have pizzas to deliver. Give it ten years and we'll see how it sorts out!

## 6 Meter/2 Meter Amateur DX



50 Mhz  
The *Magic* Band



Peter Baskind, N4LI  
3225 Forest Hill-Irene Rd  
Germantown, TN 38138  
N4LI@ARRL.net

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I'll admit it. I enjoy a good bargain. And, lately, those bargains are tougher to find in ham gear as the dollar has devalued against other currencies. So, when something interesting comes along, it's worth discussing.

Almost all hams have some 2m (144 MHz) gear. 2 meters is the primary band for basic around-town chitchat. So, most of us have a radio in the car, one in the house, and likely, a handheld or two.

I have my share of handhelds – so many in fact, that I would have to really think to arrive at an accurate count. And, yes. Those radios are expensive. Icom, Yaesu, Kenwood, and even Alinco are – as we say in the South – “proud” of what they sell. But, recently, I have become aware of an interesting source for radios at bargain prices.

I was on eBay a few weeks ago looking for a speaker/mic for a Motorola HT I use on 902 MHz (I really wanted that RF away from my face) and found a supplier in Hong Kong. For just \$10, I got a nice, new speaker/mic with free shipping. Wow. But, I also noticed that such suppliers don't stop with accessories; they sell the radios, too. And the prices are unbelievable.

None of these handhelds are by manufacturers you have ever heard of. They have Chinese names like Jingtong, Puxing, and Quansheng. They are made in China, and, I understand, can be bought on the street there for as little as \$30. Many make their way to suppliers in Hong Kong who market them on eBay for around \$50, with a rather steep shipping charge. But, even with sending them halfway around the world, the final cost is still half of what one might expect to pay for a radio available here.

It seems these radios are intended for more than just the ham community. A typical Chinese handheld will cover a wide swath – from 136 MHz to 174 MHz – transmit and receive. This includes the VHF business band, which is probably the main target of these units. Notwithstanding the recent slowdown, China's new economy probably requires cheap radios for construction and other short-distance communications use by the bucket load. From what I have read, though, these little wonders are actually not bad, despite some idiosyncrasies. The Jingtong radio – perhaps the least expensive of the bunch – neglects to have a hole in the case above the microphone, causing muffled audio. That is nothing one can't fix easily, however. The Puxing 777, the radio that seems to be the best reviewed of the bunch, has issues with DTMF tones.

Beyond the little quirks some have mentioned, the radios are well-received. Those who have bought are pleased that they have adequate output power (up to 5W), are compact, are reasonably full-featured, are well-built, and have excellent Li-ion batteries with capacities in excess of 1000 mA. If one can navigate the features and understand the sometimes-puzzling “Chinglish” instructions, it will be a great value.

There are a couple of caveats to all this. First, these new Chinese radios have not sought nor received FCC Type Acceptance (now called “Certification”). This does not mean that they are illegal for amateur operators to use, however. Amateurs are allowed to use any transmitter, regardless of FCC certification, so long as the transmitter meets the technical requirements of FCC Part 97. See 42 C.F.R. § 97.301-97.317. Still, hams should always be conscious of the transmitters they use. The FCC holds the operator responsible for the transmitters he operates, and hams will be held in violation if standards are violated. While no one has implied these Chinese handhelds fail to meet standards, hams should always be careful. Certainly, using the radios outside the ham bands would be unlawful. While they will transmit across the VHF band – on the VHF marine band, the VHF business band, MURS, and even on NOAA Weather Radio frequencies – any use outside the amateur spectrum would require certification. Thus, mass marketing of these handhelds would not be allowed, although possession would never be an issue.

Something else I find unsettling is what I have read under the shipping notes. On the eBay pages, one can typically find language like this:



We mark all items as GIFT with no commercial value. No packing slip nor invoice will be included in the package. We do our best for you to avoid paying any import duties and taxes.

I would really rather pay a few dollars and bring the radio in through the "front door" and avoid all the cloak and dagger stuff. But, maybe that's just me.

I may give one of these radios a try. For the cost, it's hard to imagine I would be dissatisfied. And, if I lose or break it, I wouldn't be out much. And, for the new ham on a budget, or one who just needs a very basic handheld, one of these Chinese radios might be a good choice.

I have to wonder, though. If radios like this start being marketed aggressively in North America, what might their presence do to the big boys making ham and business band handhelds?

\* \* \*

There hasn't been much DX news of late. As mentioned in a previous edition, little mid-Winter sporadic-E was seen in North America when one would most expect it – around Christmas and New Year's. Fortunately, the Winter did not leave us empty-handed.

Late January had a few treats in mind – with nice Es from the south beginning the 24<sup>th</sup>. Here in Memphis, I worked several Mexicans, a few stations in the American Southwest, and one operator in The Bahamas. Signals were good, allowing QRP (>5W) contacts. Fun!

**ALL NEW—from the box on through!**

#3500A

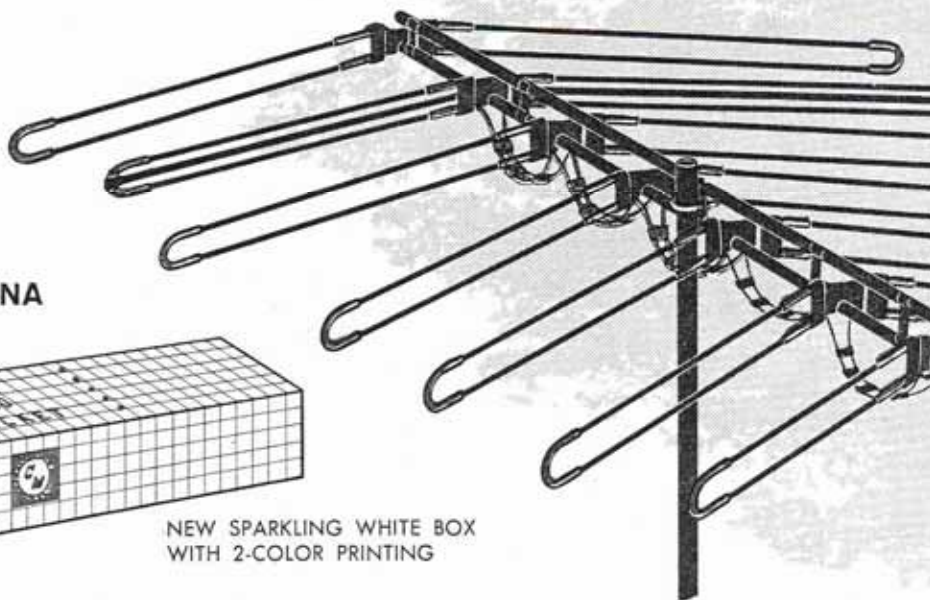
# CHANNEL MASTER'S

NEW  
**T-W**

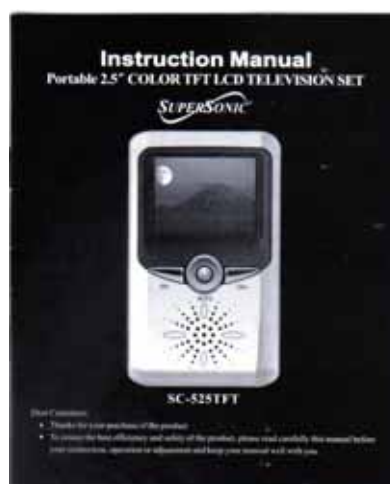
"TRAVELING WAVE" ANTENNA  
(350A SERIES)



NEW SPARKLING WHITE BOX  
WITH 2-COLOR PRINTING



**NEW SUPER CONSTRUCTION FEATURES for  
LONGER LIFE and TROUBLE-FREE PERFORMANCE ... at no increase in cost.**



Luis Franceschi of Ponce, P.R. sends in these two photos. The left photo is the transmitting tower of WPUC-FM and the photo on the right is a soon-to-be-obsolete Supersonic 2 1/2" television he bought some time ago. He's waiting for someone to market a tiny DTV like this. Aren't we all.



# ANALOG DAYS

As Analog TV Winds Down We Present these Remembrances of the analog years.  
More will follow in future issues.

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## NOT SO MUCH WHAT I SAW...BUT WHAT I HEARD...

Girard Westerberg

On the evening of June 13, 2003 there was a strong Es opening toward the west. All the usual were in on channel 2, including KACV, KWGN and KASA. I was monitoring channel 2 audio and keeping an eye on the TV monitor while doing some work on the computer. Out of the mud came audio for a local newscast. I didn't think much of it until I caught a story mentioning the San Fernando Valley. Having lived in Los Angeles, I'm very familiar with the all the local names and places. By now the audio was quite good, and I was even getting fragments of matching video, but nothing good enough for a screen capture. I listened on to more news stories local to Los Angeles and Southern California. Given the content and the three hour time difference to the west coast, it could be nothing other than KCBS via double-hop at 1,882 miles. Considering all the channel 2s in my single-hop zone, it's amazing that the audio for KCBS stayed in for approximately 45 minutes.

Exactly three years and one day later, on June 14, 2006, I was enjoying another strong Es opening toward the west. The MUF was well into FM, so I parked the TV and ICOM R8500 receiver on channel 6 hoping for something new to pop up. Through the noise I heard something that caught my attention -- audio for a local newscast. Given my local time of just after 8:00 PM, the signal was likely coming from the Pacific time zone. It was somewhat rough copy, so I put the headphones on. I heard a story about a boating accident on the Columbia River, followed by a story concerning a city councilman. I immediately suspected KOIN in Portland, OR. While I never lived in Portland, I did live in Southern Oregon for a while, and I did spend a LOT of time in Portland working on KGON during my days as a traveling engineering troubleshooter. Again, I had the advantage of being familiar with the area in question. I checked KOIN's website and found the same story about the boating accident. A few days later, after posting the reception on [www.dxfm.com](http://www.dxfm.com), I got email from two different people who worked at KOIN. One was on vacation and couldn't definitively confirm the reception, but the other was on duty in master control at the time the story aired, and confirmed the reception for me. KOIN (6), Portland, OR is 2,018 miles from my location. This is probably my most exciting analog Es catch.

I will continue monitoring low VHF audio and video after the analog shutdown. I have a feeling that this summer's Es season may bring some exciting and perhaps exotic analog receptions on the low VHF channels.

---

## WE GOT OUR FIRST TV IN 1956!

Gary Hickerson

As a kid in the 50's, we got our first TV in 1956. It was a used Admiral with several problems, but we were glad to get it. My uncle fixed us up with several TV antennas on a make shift pole, 30 ft. high. The only local channel we had was Channel 22 in Ft. Smith, AR., where I grew up. In 1958, my parents bought a brand new 21" Zenith TV. We got a new stacked Conical Yagi antenna, a Sears (Alliance) rotor AND a 50 ft. HD mast. We had hit the mother load. SEARS had everything!

I remember in the summer of '58, the skip was so strong, that the channels, just "piled up" on channels 2, 3, 4. This was all new to me but I finally sorted it out. I had to un-hook the big antenna and I used a pair of rabbit ears on top of the TV to separate and ID the stations. Stations from Mexico, the NW, NE Canada, etc.

I remember that my cousins and I wrote to the FCC and ordered a "Channel Map", (wall sized) showing every TV station and call sign in the U.S. It was a big help. Our "local" channels, were 160 - 220 miles away !

The Zenith had a very hot tuner (with GOLD contacts) and the antenna, at 55' , really brought in the stations. THOSE were the days...

## SIGN UP/Renewal form

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City \_\_\_\_\_ State/Prov \_\_\_\_\_ Zip \_\_\_\_\_

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**Make your checks/money orders payable to: WTFDA**

**And *thanks* for your support of the WTFDA!**

Return this form with your dues or make a copy of it and return that.

### FM NEWS CONTINUES FROM PAGE 18

Violations Codes:

- 73.509 - Prohibited overlap
- 73.510 - Antenna systems
- 73.515 - Transmitter location not providing 60 dbu coverage over CoL
- 73.525 - TV Channel 6 protection
- 73.7002 - Fair distribution of service on reserved band FM channels

(S) – settlement

\* - Petition for reconsideration has been filed

& - Reinstated

#### B OTHERNEWS B

AL Oneonta	97.7 WKLD	Is silent			
CA Los Angeles	103.5 KOST	Fined \$6000 for	OH Lancaster	90.9 WFCO	filing of their renewal
CA Victorville	93.5 K228AJ	contest violations			application
IL Champaign	100.3 WIXY	License canx; call sign			Fined \$7500 for
IL Jacksonville	100.5 WYMG	deleted	OR Eagle Point	92.9 KEPO	broadcasting
KS Andover	93.9 KDGS	Fined \$3000 for public	OR Pine Grove	89.5 KPFR	prohibited
MO Columbia	88.1 KCOU	file violations	TX Dallas	102.5 K273BJ	advertisements
MO Vandalia	104.3 KKAC	Fined \$9000 for public	TX Morton	91.9 KPGA	License canx; call
NE Lincoln	102.7 KBZR	file violations	WV Lost Creek	96.3 WOTR	deleted
NJ Lakewood	107.9 WMDI-LP	Fined \$4000 for	WY Cheyenne	89.7 K209ER	Is silent
		contest violations			Relays KGGR-1040
		Is silent			Is silent
		Is silent			Is silent
		Is // KVSS-88.9			Licence canx; call
		Fined \$250 for late			deleted

\*\*\*\*\*  
 Thanks to Shawn Axelrod, Bruce Elving, Deane McIntyre, Tim Noonan, Upper Midwest Broadcasting.com and Wisconsin Broadcasting.com for updates.  
 If you hear any changes occur on your FM dial, share the news! 73  
 \*\*\*\*\*

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