

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

APRIL 2012

The Magazine for TV and FM DXers



Watching TV Outside on a Rare Warm Evening in March

SEE SOME REALLY NICE  
CENTRAL AMERICAN  
DX PHOTOS IN THIS  
MONTH'S PHOTO NEWS



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MORE CONVENTION 2012 NEWS  
IN THIS ISSUE!

# THE WORLDWIDE TV-FM DX ASSOCIATION

*Serving the UHF-VHF Enthusiast*

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: DOUG SMITH, GREG CONIGLIO, KEITH MCGINNIS AND MIKE BUGAJ.



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## The Mailbox

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Mike Bugaj - Enfield, CT [mikeb@wtfda.org](mailto:mikeb@wtfda.org)



Welcome to the April VUD! It seems that summer has kicked into gear in many parts of North America a little early. The grass is turning green, the trees are beginning to bud and the snow shovels are put away for the season. There's been a little bit of tropo. There's been a little bit of skip in the south. There's also been some horrible storms and tornados in places. We hope everyone is okay and stayed out of danger.

This month we find that **Ken Simon** (Lake Worthless, FL) has rejoined the club. Welcome back, Ken! And during the period from 2/18 through 3/16 we received renewals from **Chuck Rippel** (VA), **William Higgs** (CA), **Guntër Lorenz** (GER), **Glen Hale** (IN), **John Cereghin** (DE), **Robert Grant** (MI), **Richard Porter** (IL), **Rich Rose** (MI), **Carlton Howington** (FL), **Frank Merrill** (IL), **Allan Dunn** (MA), **Harry Hayes** (PA), **Paul Crego** (NY), **Frank Drobny** (CA), **Jeff Wolf** (MD), **Bill Draeb** (WI), **Peter Taylor** (WA), **Greg Barker** (IN), **Joe Perge** (OH), **Tim Katlic** (CA) and **Luis Franceschi** (PR). Thank you all for your support of the club!

Here's the latest convention information. Bill and Brenda Swiger would like to extend an invitation to all club members to come to West Virginia the weekend of August 3rd, 4th and 5th for the NRC/WTFDA Convention. This year the Days Inn and Suites at 112 Tolley Drive, Bridgeport WV will be the host hotel. Rooms can be reserved by calling 304-842-7371 before July 20, 2012. The cost of each room is \$79.94, and this includes the tax. The rooms are double or king and the cost can be split between however many people are in the room. *WTFDA members should be sure to tell them that you'll be with the National Radio Club to get this rate.*

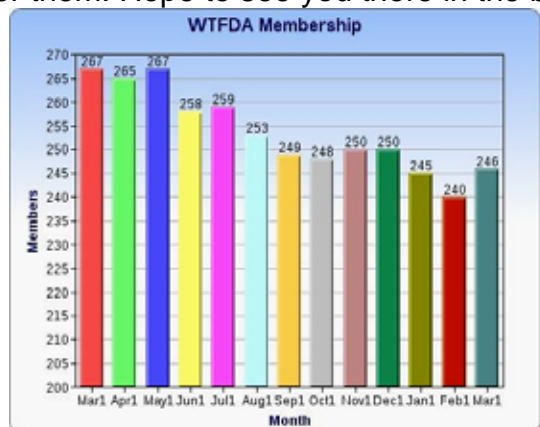
Registration will be \$45.00 for NRC/WTFDA members and \$25.00 for spouses or significant others. This will include the Saturday evening banquet and snacks and drinks for the hospitality room.

We are hoping to have some tours scheduled and there is also a festival that weekend with food and music that we can carpool to.

The Days Inn is right off the intersection of Interstate 79 and Route 50. There are shopping areas and restaurants within walking distance. The local airport is approximately 3 miles away with shuttle service. More information will follow with bus service, etc.

Registration and items for the auction can be mailed to: Bill Swiger, 1 Casey Lane, Bridgeport WV 26330-9454

If you have any questions or ideas please email Bill at [ridgeradio@cebridge.net](mailto:ridgeradio@cebridge.net) and he will try to answer them. Hope to see you there in the beautiful "Almost Heaven" state of West Virginia.



**Attention WTFDA Forum users!** Because of ongoing problems with the host of our websites, we have decided to move our Forums and Website to a new home. There will be a period of time when the Forums will be unavailable as they are being rebuilt at our new location. Unfortunately, many of the files and photos that were at the old place cannot be used at the new location and the Forums may have to be rebuilt from scratch. We sincerely regret any inconvenience. See you next month!



# TV News

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

April 2012

## Abbreviations:

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

## News:

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



### Canada

#### Newfoundland & Labrador

St. John's 21 CJON-DT **granted permission to carry CHOZ-FM on a subchannel**

#### Ontario

Hamilton 15 CHCH-DT **QG from 11, 132kw/355m**  
 Leamington 34 CFTV-DT **DR 621w/56m**



### Puerto Rico

Canovanas 47 W47DX- **PR<11.35kw; PG**  
 Ponce 26 W26DU- **PR>15kw**  
 San Juan 20 WSJN-CD **PR>10kw**



### U.S. Virgin Islands

Christiansted 5 W05AW **DC 300w**



### USA

#### Alabama

Athens 11 WTZT-CD **PG>1.11kw; PC**  
 Birmingham 20 W34BI **DC from W34BI, 10kw**

#### Alaska

Alyeska 4 K04GP **DR 253w, 60-57-12/149-06-28; DG**  
 Dillingham 16 NEW-lpdtv **AF 2.5kw; DCC for K05KF**  
 Homer 11 K11VP **DR 321w; DG**  
 Ninilchik 15 K15AG **DR 881w, 60-00-39/151-42-38; DG**

#### Arizona

Bullhead City 3 K02HR **DR from 2, 30w**  
 Globe 29 KDOS-LP **DC from 50, 10kw**  
 Kingman 41 K41FT **PR>1.03kw**  
 Meadview 36 K36FZ **DR; DG**  
 Phoenix 14 KTVP-LD **PR>15kw**  
 Phoenix 25 K25DM **DR 1.5kw**  
 Verde Valley 25 K57DC **QC from 57, 293w**

#### Arkansas

Batesville 15 K15FW **DR 3kw, 35-38-35/91-50-07; DG**  
 Fort Smith 43 KXUN-LP **DR 15kw; DG**  
 Mountain Home 41 K41HC-D **DG 2kw, 36-43-24/92-27-27**  
 Sheridan 47 KMYA-LP **DR 15kw, 34-47-56/92-29-44**

#### California

China Lake 14 K14AT **DC 500w, 35-28-48/117-40-56**  
 Greenfield 20 KSCZ-LD **XG 37-11-05/121-33-13**  
 Los Angeles 27 KHTV-LP **DC from 48, 8.1kw, 34-12-48/118-03-41**  
 Los Angeles 50 KNLA-CD **PR>15kw; PG**



Monterey	46	K46LG-D	XG 37-03-28/ 121-46-30
Ridgecrest	16,	K16JW-D,	NW 1kw, 35-28-48/ 20 K20LH-D 117-40-56
<b>San Jose</b>	<b>50</b>	<b>KQEH</b>	<b>PG&gt;310kw</b>
Santa Rosa	2	K02QO-D	PR>3kw, 38-40-09/ 122-37-53
Santa Rosa	3	K03IC-D	PR<100w, 38-30-31/ 122-39-43
<i>Colorado</i>			
Aspen	40	KCXP-LP	XR 39-13-10/ 106-51-33
Boulder	27	K17CF	DR from 17, 200w, 39- 43-46/ 105-14-08
Castle Rock	45	KETD	QC from 46, 100kw/320m, 39-40- 17/ 105-13-06; PR>348m
Denver	18	KRMA-TV	PG<750kw/292 39-43- 49/ 105-15-00
Denver	41	KSBS-LD	QR from 52, 15kw, 39- 43-45/ 105-14-14; QG
Pagosa Springs	40	K40GE	DC 190w
Paonia	9	KKCO - 0308AAM	AF 7w, 38-52-28/ 107-39-40; DRT for ch. 12 Grand Junction
Pueblo	27	KGHB-CD	XR 38-22-21/ 104-33-38; XG
Vallecito	8,	K08ET-D,	DG 7w, 37-21-33/ 10 K10AD-D 107-33-11
Yuma	28	K28JH-D	PC>575w
<i>Florida</i>			
Lake City	22	W22EF-D	PR<1kw, 29-48-42/ 82-42-34
<b>Miami</b>	<b>35</b>	<b>WPXM-DT</b>	<b>QG from 26,</b> <b>323kw/282m</b>
St. Petersburg	4	WTSP - 0104AAU	NW 300w, 28-53-31/ 82-22-23; DRT for ch. 10
St. Petersburg	38	WSPF-CA	DR from 35, 15kw, 27- 49-46/ 82-15-59
Vero Beach	47	W47DW-	PG>15kw
West Gate	26	W16CC-D	QR from 16, 10kw
<i>Hawaii</i>			
<b>Honolulu</b>	<b>38</b>	<b>KALO</b>	<b>PG&lt;96.6kw</b>
Mountain View	32	KQHW-LD	CC from K32KR-D
<i>Idaho</i>			
Bonnars Ferry	40	K51IN	DR from 51, 230w
Coeur d'Alene	26	K44EC	DC from 44, 1.6kw
Cottonwood	26	K26CK-D	DG 2.071kw
Craigmont	26	K26CK	DR 2.071kw
Glenns Ferry	5	K05DD	CX ROA
Grangeville	19	K19BY	DR 1.26kw; DG
Grangeville	43,	K43CI,	DR 2.071kw 48 K48DH
Lewiston	24	K53GN	DC from 53, 1.6kw
Nampa	42	KCDL-LD	CC from K42JD-D
<i>Illinois</i>			
Sterling	24	NEW-lpdtv	AF 5kw, 42-14-43/ 89-21-13; DCC for W19CX
<i>Indiana</i>			
<b>Indianapolis</b>	<b>21</b>	<b>WFYI</b>	<b>NW 200kw/ 236m (aux)</b>
South Bend	25	WCWW-	DR 14.9kw
South Bend	34	WMYS-LP	DR 15kw

South Bend	39	WBND-	QR from 49
<i>Iowa</i>			
Dubuque	18	NEW-lpdtv	AF 15kw, 42-31-09/ 90-37-11 dismissed
<i>Kansas</i>			
Independence	29	NEW-lpdtv	AF 2kw, 37-07-46/ 95-07-14; DCC for K50JG
Topeka	43	KTMJ-CA	DR 15kw; DG; DC
<i>Kentucky</i>			
Beattyville	7	WLJC-TV	PC>185kw
Danville	31	WDKY-TV	QC from 4, 1000kw/352m
<i>Maine</i>			
Portland	32	W32CA	DR 15kw, 43-45-29/ 70-19-11
<i>Massachusetts</i>			
Marlborough	27	WUTF-DT	PR>400kw/356
Worcester	47	WYDN	PG<84.76kw/ 319m, 42-18-37/ 71-14-14
<i>Michigan</i>			
Holland	25,	WOGC-,	DC 730w/ 33 WOHO- 520w
Kalamazoo	50	WOKZ-CA	DC from 50, 15kw
<i>Minnesota</i>			
Alexandria	14,	K14LZ,	DC 1.05kw 16, K16CO, 212 K21GN, 6, K26CL, 30, K30AF, 32, K32EB, 34, K34AF, 38 K38AC
Alexandria	48,	K48DV,	DR 1.05kw; DG 50 K50DB
Duluth	38	WDSE - 0710ARN	NS 15kw, DRT for ch. 8 at same site
Orr	24,	K59EN,	DC from 59, 61, 63, 26, K61EW, 497w 28 K63DV
Redwood Falls	19	K19CV-D	DG 395w
St. James	16,	K16CG,	DR 1.8kw; DG on chs. 24, K48AA, 16, 24, 31, 40, and 45 (K45LJ) 31, K31KV, 35, K50AB, 40, K40BU, 45 K46AA
St. James	23	K52AB	DR from 52, 1.3kw
Worthington	22	K22HJ	DR 1.8kw; DG
<i>Mississippi</i>			
Greenville	42	W42CY-D	DG 15kw, 32-58-53/ 90-49-41
<i>Missouri</i>			
Monett	38	K38DD	DR 1.12kw; DG
Neosho	32	KCLG-LP	DR 1.14kw
Poplar Bluff	19	NEW-lpdtv	AF 2kw, 36-50-36/ 89-56-25; DRT for K39CP
Saint Joseph	16,	K16KF-D,	PG>15kw, 39-45-00/ 26 K26LV-D 94-50-25; FC to Fox/ Telemundo/ CW
<i>Montana</i>			
Baker	27	K27LT-D	NW 238w, 46-18-45/ 104-12-25

Belgrade	17	K20DY	DC from 20, 1.53kw
Dodson	36	K36CW	DC 93w, 48-23-38/ 108-09-21
Emigrant	21	NEW-lpdtv	AF 1kw, DCC for K03HF
Ferndale	5	K05MW-D	NW 24w, 48-04-05/ 114-02-16
Helena	9	KXLH-LD	PC>3kw
Hinsdale	13	K13JO	DC 3w
King Springs	9	K09HY	DC 5w
Livingston	46	NEW-lpdtv	AF 550w, DCC for K63BV
Plentywood	46	K46GS-D	DG 300w
Sidney	13	K13IG	DC 14w
Superior	6, 15	NEW-lpdtv	AF dismissed (Superior TV Xltr. Dist.)
White Sulphur Spring	26	K57CX	DC from 57, 331w
<i>Nebraska</i>			
Ogallala	26	K26CV	DR 15kw, 41-06-18/ 101-15-06
<i>Nevada</i>			
Duckwater	15	K15GS	DR 100w, 39-30-41/ 115-57-52
Eureka	17	K17FY	DR 100w, 39-30-41/ 115-57-52
Golconda	33	K33GB	DR 190w; DG
Golconda	38	K38LX-D	NW 180w, 41-09-19/ 117-28-16
Indian Springs	8	K08PG-D	PR<123w, 36-34-10/ 115-40-33; PG
Las Vegas	14, 15	KVMY – 0213AAZKV CW – 0213AAY	NS 250w, 36-09-30/ 115-54-01; DRT for chs. 22/29
Las Vegas	25	KTUD-CA	CX
McDermitt	48	K48EB-D	DG 40w, 42-08-57/ 117-41-53
Mina	5	K05AF	DR 70w, 38-23-40/ 118-03-00; DG; DC
Overton	30, 34, 44, 46, 48, 50	K30MH, K34ME, K44GU, K46HG, K48ID, K50HQ	PC<1.8kw, 36-41-09/ 114-31-10
Paradise	40	KBLR	PR<230kw/ 329m (aux)
Reno	42	NEW-lpdtv	AF dismissed (Mako Comms.)
Round Mountain	42	K42EK-D	XG 38-38-23/ 116-59-55
Stead	49	K49CK-D	PR>417w, 39-35-22/ 119-55-39; PG; PC
Walker Lake	17, 24, 38	K17FR-D, K24EY-D, K38EH-D	DG 480w, 38-35-27/ 118-33-28; DC
<i>New Mexico</i>			
Colfax	30	K30GJ	DC 2kw
Grants	36	K06CU	DC 100w, 35-07-09/ 107-54-02
Las Cruces	24	KCWF-CD	AF 15kw; DCC for analog ch. 20
Mora	25	K25FI	DC 230w
Raton	26	K26DX	DC 220w
Red River	46	K46GL	DC 660w
<i>New York</i>			
Auburn	6	WNNY-LP	QC from 52, 1.45kw, 42-57-07/ 76-35-12; CL from Moravia

Bath	20	W20BL	DG 593w; DC
Carthage	7	WWNY-TV	PR>42kw
Elmira	38	W59DG	DR from 59, 3kw, 42- 01-45/ 76-12-34
Glens Falls	47	W47CM	DR 1.3kw, 42-58-17/ 73-50-44; DG
Hudson	21	WSSN-LP	CX
Olean	25	WVTT-CA	CC from WONS-
Plainview	22	WCBS – 0630AEB	PR>15kw, 40-53-50/ 72-54-56; PG
Port Jervis	24	W52DW	QR from 52
Syracuse	38	WDSS-LP	DR 15kw
Utica	28	WVVC-LD	QR from 33, 14kw
<i>North Carolina</i>			
Bryson City	5	W05AR-	DG 89w
Cherokee	10	W10AL	DR, 35-29-45/ 83-20- 04; DG
Ela	3	W03AK	DR 132w; DG
Franklin	6	W06AJ-D	DG 193w
Shelby	26	WCCB - 0824AHZ	NS 12kw, 35-13-57/ 81-16-34; DRT for ch. 27 Charlotte
Statesville	46	WSOC - 0526AAK	PR<4kw, 35-49-59/ 80-42-15 (DRT for ch. 34 Charlotte); PG
<i>Ohio</i>			
Cleveland	32	WRAP-LD	PG 250w
Mansfield	41	WOHZ-	DG 15kw
Shaker Heights	10	WOIO	PR<9.5kw/304
Youngstown	41	WKBN-TV	PC>650kw
Zanesville	29	NEW-lpdtv	AF 15kw, 39-57-08/ 82-30-25, DCC for W16BT
<i>Oklahoma</i>			
Cheyenne	8	KWET	PG>60kw
Oklahoma C	48	KOCY-LP	FC to Estrella TV
Oklahoma C	48	KOCY-LP	CC from KUOK-
Tulsa	11	KOED-TV	PG>47kw
<i>Oregon</i>			
Bend	15	KABH-CA	DR 2kw dismissed; going for DCC on 17 instead
Bend	15	KABH-CA	DR 2kw; DG
Bend	17	KABH-CD	AF 15kw; DCC for analog ch. 15 reinstated
Cottage Grove	47	K47AV	DC 200w
La Pine	9	K09YE	DR 300w
Portland	35	KORK-CA	DR 15kw
Portland	35	KORK-CD	DG 15kw
Portland	38	KKEI-CA	DR 9kw; DG
Portland	48	KOPB - 0131AFW	NS 1kw, 45-29-25/ 122-41-45; DRT for ch. 27
Powers	32, 34, 38, 40, 42	K32JL-D, K61EH, K64DA, K66DG, K69AM	QR from 32, 61, 64, 66, 69 554w, 42-54-59/ 124-04-40; QG
Scottsburg	21	K02DB	DR from 2, 500w, 43- 38-50/ 123-49-25
The Dalles	31	K31HZ-D	PR>2.06kw
<i>Pennsylvania</i>			
Meadville	46	W52BO	DR from 52, 15kw, 41- 13-30/ 80-15-43
Philadelphia	16	WTSD-CD	DG from 14, 15kw, 40- 02-19/ 75-14-14

Philadelphia	38	WPHA-CD	XR 40-02-30/ 75-14-11
Philadelphia	48	WWJT-LD	PR<10kw; PG
<b>Scranton</b>	<b>41</b>	<b>WVIA-TV</b>	<b>Returns to the air 365kw/ 510m. See text.</b>
<i>South Carolina</i>			
Greenville	33	NEW-lpdtv	AF 4kw, 34-49-27/ 82-33-28; DCC for W50CL
Lancaster	31	WCCB - 0825BTA	NS 4.5kw, 34-50-23/ 81-01-07; DRT for ch. 27 Charlotte
<i>South Dakota</i>			
Aberdeen	39	K39CZ	DR 2.28kw
Brookings	50	K50DG	DR 4.5kw
Pierre	14	K14IO	DR 1.6kw
Rapid City	33	K33CO	DR 15kw; DG
Watertown	32	K32DK	DR 2.28kw
<i>Tennessee</i>			
Clarkrange	50	WWWB-LD	QR from 3, 15kw, 35- 53-27/ 84-52-01
Knoxville	43	W43DM-D	XR 36-00-13/ 83-56-34; XG
Union City	9	NEW-lpdtv	AF 300w, 36-26-46/ 89-02-12 dismissed
<i>Texas</i>			
Austin	23	KXLK-CD	DG from 40, 15kw
Beaumont	22	KUMY-LP	DC 1.99kw, 30-04-51/ 94-05-59
Dallas	2	KSFV-LD	PR>3kw; PG
Dallas	24	KQFW-LD	QR from 56, 32-46-48/ 96-48-13; QG
<b>Fort Worth</b>	<b>9</b>	<b>KFWD</b>	<b>NS 546w/ 527m, 32-35-06/ 96- 58-41 (aux)</b>
Houston	28	KUGB-CA	PR>15kw
La Feria	30	KCWT-CA	CC from KFTN-
Longview	36	KLGV-LP	DR 8kw; DG
Lubbock	9	K09YX-D	PG>3kw
Lubbock	49	KYLU-LP	DR 100w; DG
Lubbock	51	KBZO-LP	DC 15kw
McAllen	20	KFXV-LD	CC from KSFE-
Missouri C.	22	KUVM-LD	QR from 40
San Angelo	13	KSAD-LP	DR 100w
Texarkana	30	K30EA	DR 2kw, 33-01-52/ 94-10-15; DG
Victoria	10	K10PL	DR 100w; DG
Wichita Falls	20	K20DN	DR 5kw, 33-53-23/ 98-33-30; DG
<i>Utah</i>			
Blanding	43	K43MD-D	PG>105w
Roosevelt	46	K46IX-D	PG>84w
St. George	33	NEW-lpdtv	AF 300w, DCC for K34FS; dismissed
Vernal	33	K33DO-D	DG 170w
Washington	47	NEW-lpdtv	AF 300w, 37-09-19/ 113-52-57; DCC for K34FS
<i>Vermont</i>			
Burlington	22	WCAX-	PG>550kw
<i>Washington</i>			
Ardenvoir	8, 10, 12	K08AX, K10BB, K12BF	DR
Baker Flats	6	K59BF	QC from 59, 10w
Baker Flats	46	K61AY	DC from 61, 240w
Camas	20	KOXI-CA	DR 7kw; DG

Cashmere	40	K40AE	DG 373w, 47-31-31/ 120-31-31
Chelan Butte	3, 5	K03DI, KCEM-LP	DR 3w
Chelan Butte	7	K07JO	DR 30w, 47-48-26/ 120-01-59; DG
Dryden	10, 12	K10LG, K12LV	DG
Entiat	9, 11, 13	K09BJ, K11BI, K13BI	DR
Orondo	8, 10, 12	K08BA, K10BA, K12BE	DR
Quincy	21, 24, 33, 48, 50	K21AJ, K24AI, K33EH, K48BY, K50BO	DR dismissed; CX
Richland	31	NEW-lpdtv	AF dismsised (CTB Spectrum) DG
Rock Island	9, 11, 13	K09CL, K11CS, K13CQ	DG
Seattle	22	KCPQ - 0603AAV	NS 15kw, 47-36-57/ 122-18-26; DRT for ch. 13 Tacoma
Squilchuck State Park	9, 11, 13	K09FF, K11FJ, K13EZ	DG
Sunnyside	13	K13WP	DR 3kw
Vancouver	41	KOXO-CA	DR from 51, 15kw
Wenatchee	14	K14BF-D	XG 47-19-25/ 120-13-56
Yakima	49	K49GF	DR 15kw
<i>West Virginia</i>			
Bluefield	40	WLFB	PC>399m, 37-13-12/ 81-15-20
<i>Wisconsin</i>			
Milwaukee	35	WMVT	PG>807kw/356
Waupaca	15	NEW-lpdtv	AF 3kw, 44-15-38/ 88-26-31; DCC for W36DH
<i>Wyoming</i>			
Cody	43	K43LY-D	DG from K55CA, 1kw
Meeteetse	21	K21JU-D	DG from K69CS, 940w
Meeteetse	29	K29IH-D	PG<250w, 44-12-44/ 108-51-30; PC
Rock Springs	45	K45IA	DC 450w, 41-25-29/ 109-07-45
Shoshoni	13	K13NZ	DR 140w, 43-27-26/ 108-12-02; DG
South Fork	24	K24HW-D	XG 44-14-26/ 109-31-18; XC
Wyodak	30	NEW-lpdtv	AF 1.2kw; DRT for K08AA

Thanks to Robert Seaman, Jim Thomas, and Glenn Hauser for information appearing elsewhere in this column.

Robert reports WVIA-TV back on the air over their normal channel 41 transmitter, as of March 9<sup>th</sup>. This channel had been off the air for over a year, after a fire at the transmitter. When the repair work was nearly complete, somebody stole their transmission line...

During the channel 41 outage, WNEP-TV lent WVIA-TV their old channel 49 transmitter. (150kw/506m) WNEP moved to channel 50 at

transition, as they were allowed higher power on the higher channel. As of March 9<sup>th</sup>, WVIA is transmitting on both frequencies, although I think you can assume that's temporary.

There are a couple of interesting (and somewhat disturbing) FCC grants for experimental operations this month:

- **54.1MHz, Delta, Utah:** WF2XZZ, to the University of Utah, to study high-energy cosmic rays. This falls into the bottom of channel 2.

- **72MHz, mobile in two areas in Kansas and one in Utah:** WF2XZY, to the Center for Remote Sensing of Ice Sheets for Unmanned Air Vehicles. This is at the top of channel 4.

- **174-216MHz, Murfreesboro, Tenn.:** WG2XAB, for data collection from the water & sewer infrastructure. This spectrum includes all of high-band VHF TV. There are three high-band VHF DTV operations in adjacent Nashville, on channels 7 (LPTV), 8, and 10.

CBS has recently acquired independent station WLNY-TV on Long Island. The new coordinates for the WCBS-TV Digital Replacement Translator in Plainview are on the WLNY tower.

The new digital LPTV at Dillingham, Alaska is actually listed in Nome, 700km away. However, the station it will relay (analog K05KF) is licensed to Dillingham; the coordinates for the digital station are the same as the analog; and both closely match the coordinates listed for Dillingham on Wikipedia.

CFTV becomes the second Canadian DTV station to request permission to broadcast more than one programming stream.

Their existing analog operation is a community station, with 60% locally-produced programming. They propose to split that material across four sub-channels:

- 34.1:** The existing English community fare.
- 34.2:** Programming in French for the local Francophone community, and in Spanish for the area's agricultural guest workers.
- 34.3:** Aboriginal programming produced with a local First Nation, and programming for viewers with special needs.
- 34.4:** Programming related to local governments, including council meetings, etc.

Again, remember that in Canada, a DTV license does not automatically convey permission to broadcast as many sub-channels as desired. Each sub-channel must be separately licensed. The unique nature of CFTV's programming leads me to believe their request is likely to be granted.

A press release indicates NPG is launching a new Fox LPTV in St. Joseph, Missouri. The station will also carry Telemundo and CW on sub-channels.

There are two digital LPTVs licensed to St. Joseph. Unfortunately, the "paperwork" for transferring the license to NPG hasn't been filed yet – so there's no way to know *which* station is involved. One is K16KF-D, the other K26LV-D. Both have identical technical facilities.

Bailey Cable TV in West Feliciana Parish, Louisiana has been fined \$15,000 for carrying WGMB-44 Baton Rouge without permission.

Bailey's retransmission consent agreement with WGMB expired at the end of 2011. However, they continued to carry the popular Fox station.

When called on the carpet, Bailey argued that they faced a "dramatic" increase in carriage fees, and that since they received WGMB over the air, they didn't need permission.

It should not surprise one to learn the Commission didn't buy either argument. (Bailey is, after all, using WGMB programming to attract customers, many of whom would not subscribe to a cable service that doesn't carry a Fox station. To carry that station without paying the fees is analogous to grabbing apples out of the produce department of your local Kroger Grocery & selling them on the street corner without paying for them.)

(it should also be noted that the retransmission fees in question are on the order of 5-10% of what's being paid for far less popular non-OTA channels. Most of us would not find them "dramatic".)

The base fine for rebroadcasting a TV station over cable without permission is \$7,500 for each day the violation persists. Over 34 days, that resulted in a fine of \$255,000. Bailey showed this fine would create a serious financial hardship, and got it reduced to \$15,000.

(this major reduction is *not* unusual.)

The FCC did broker a deal, getting WGMB and Bailey on a conference call on February 3<sup>rd</sup>.

The proceeding notes a similar situation occurred between Bailey and WVLA-33. It does not indicate whether a second \$15,000 fine was levied with regard to that station.

Good DX!



# FM NEWS



**BILL HALE**

6124 Roaring Springs Drive, N. Richland Hills, TX 76180

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APRIL 2012

## INDEX OF ABBREVIATIONS


APP: application  
 APP Mod: Change to an already submitted application  
 Class: FM license class  
 CP: construction permit (authority to broadcast with facilities noted)  
 CP Mod: change to an already granted CP  
 DA: directional antenna  
 FF: French language

\$: Stereo  
 XL: Transmitter Location  
 [ ]: Calls in brackets signifies assumed or applied-for status

Notes: Antenna heights are HAAT except where noted; powers are Maximum ERP

### — CANADA —

#### — CALL LETTER CHANGES —

	<u>Old Call</u>	<u>New Call</u>	
AB Leduc	93.1 CP	CJLD-FM	
AB Siksika	104.7 CHDH-FM	CFXX-FM	
ON Collingwood	104.9 CP	CFMO-FM	
ON Scarborough	105.9 CP	CJVF-FM	
QC Donnacona	100.9 CKNU-FM	CHXX-FM	


#### — FORMAT and SLOGAN CHANGES —

ON Kemptville	97.5 CKVV-FM	New station is on with AC: <i>FM 97 point 5</i>	
QC Donnacona	100.9 CHXX-FM	> Adult Alternative [FF]: <i>Radio X2</i>	
QC Montmagny	90.3 CIQI-FM	Hot AC [FF]	

#### — TECHNICAL CHANGES —

ON Kemptville	97.5 CKVV-FM	<u>Now on the air:</u> 2.26 kw/89 m, DA, 44-58-24/75-36-04; Class A; \$	
ON Bracebridge	101.9 CIIG-FM	<u>CP granted for:</u> 32 w-V/30 m, 44-59-43/79-18-37 [Editor's note: although some notices identify this station as being at Gravenhurst, the CRTC lists Bracebridge as the official 'City-of-License'. The coordinates plot the tower location less than a mile north of the Muskoka Airport, and about four miles northeast of Gravenhurst.]	<i>Information Radio</i>
ON Hearst	92.9 CHYK-FM3	157 w-V/43 m, (to) DA, XL to 49-41-35/83-38-55; Mono [see applications, below]	

#### — GRANTS FOR NEW STATIONS


AB Leduc	93.1 CJLD-FM	<u>CP granted for:</u> 2 kw/73 m, DA, 53-18-28/113-30-16; Class A; \$; will be Country [Black Gold Broadcasting]	
BC Kispiox	91.3 CBTD-FM	252 w-V/-330 m, 55-21-28/127-41-27; Class A; will replace CBTD-990 Kispiox and will continue to be // CFPR-860 Prince Rupert	
ON Alliston	92.1 CP	3.75 kw/31 m, DA, 44-08-45/79-50-15; Class A; \$; will be AC/Oldies	
ON Collingwood	TBD CP	The CRTC has approved, in part, an application by MZ Media Inc. for a new specialty station here. The applicant must submit an amendment to the application proposing the use of a frequency other than 104.9 MHz that is acceptable to both the Commission and the Department of Industry.	
ON Shelburne	104.9 CP	50 kw/82 m, DA, 44-14-09/80-17-19; Class B; \$	
ON Windsor	102.3 [CBE-FM1]	5 kw/56 m, DA, 42-17-50/83-01-31; Class A; will be a nested repeater of CBE-1550 Windsor	
YT Johnson's Crossing	90.5 [CHON-FMx]	45.44 w/3 m, 60-29-04/133-18-11; Class LP; will be a repeater of CHON-FM 98.1 Whitehorse	
YT Klukshu	90.5 [CHON-FMx]	10 w/3 m, 60-17-23/137-00-39; Class VLP; will be a repeater of CHON-FM 98.1 Whitehorse	
YT Takhini River Subdivision	90.5 [CHON-FMx]	10 w/3 m, 60-21-29/135-27-23; Class VLP; will be a repeater of CHON-FM 98.1 Whitehorse	

#### — APPLICATIONS FROM EXISTING/PROPOSED FACILITIES —

ON Hearst	92.9 CHYK-FM3	<u>Applies for:</u> 221 w-V/43 m, DA, XL to 49-41-35/83-38-55; \$ (from Mono)
ON Toronto	103.9 CIRX-FM	800 w/272 m, DA, XL to 43-38-56/79-22-54; move to 88.1
ON Toronto	105.1 CHOQ-FM	800 w/272 m, DA, XL to 43-38-56/79-22-54; move to 88.1




— PROPOSALS FOR NEW STATIONS —

BC Prince George	105.5	APP	<b>Applies for:</b> 2.1 kw/102 m, 53-53-36/122-48-48; Aboriginal/Classic Rock; to relay CFNR-92.1 Terrace	
BC Salmon Arm	101.7	APP	15 w/718 m, English/First Nations community [Voice of the Shuswap Broadcast Society]	
ON Markham	105.9	APP	1.6 kw/21 m; would be Adult Alternative	
ON Mattawa	93.9	APP	50 w/-21 m, 46-19-03/78-42-11; (would be Christian // CJTK-FM1 103.5 North Bay)	
ON Orangeville	101.5	APP	625 w/55 m, DA, 43-56-49/80-07-37; Class A; \$; would be AC/Oldies	
ON Toronto	88.1	APP	8 kw/282 m; would be Jazz/Blues	
ON Toronto	88.1	APP	7 kw/273 m; would be Modern AC	
ON Toronto	88.1	APP	4 kw/266 m; would be Ethnic [CHIN-1540 kHz]	
ON Toronto	88.1	APP	4 kw/266 m; would be News/Talk	
ON Toronto	88.1	APP	4 kw/266 m; would be News/Talk	
ON Toronto	88.1	APP	4 kw/266 m; would be campus station [Ryerson]	
ON Toronto	88.1	APP	975 w/271 m; would be Business News	
ON Toronto	88.1	APP	875 w/328 m; would be 'indie music'	
ON Toronto	88.1	APP	800 w/272 m; would be Adult Alternative	
ON Toronto	88.1	APP	800 w/272 m; would be Contemporary Christian	
ON Toronto	88.1	APP	800 w/272 m; would be Ethnic	
ON Toronto	88.1	APP	800 w/272 m; would be Ethnic	
ON Toronto	88.1	APP	800 w/272 m; would be 'World Music' in English	
ON Toronto	88.1	[CFZM-FM1]	250 w/274 m; would be a nested repeater for CFZM-740	
ON Toronto	88.1	[CJBC-FM1]	188 w/303 m; would be a nested repeater for CJBC-860	

— DISMISSALS —

NB Bathurst	96.5	-----	Application for a new station
QC Montréal	105.1	CKDG-FM	Application to move to 106.7, increase power to 1.2 kW and decrease antenna height has been withdrawn.

— OTHERNEWS —

BC Lake Cowichan	98.7	CICV-FM	An anonymous donor has come forth to save community station CICV-FM 98.7 Lake Cowichan, which required a \$15,000 facility upgrade.	
QC Mont-Joli	93.3	CFYX-FM	Station went dark on February 29, 2012. Owner states the operation was not profitable (includes CFYX-3 103.1 Riviere-du-Loup).	

**UNITED STATES AND TERRITORIES**

FULL POWER and LPFM STATIONS

— CALL LETTER CHANGES —

	<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>
AL Atmore	104.1 WYOK	WABD	NY Mt. Kisco	106.3 WFAF	WDVY
AL Dozier	90.5 WTBT	WVPL	NC Williamston	90.5 CP	WTGX
AL Lisman	107.7 WPRN-FM	WHSL	OK Mooreland	104.5 CP	KZZW
AL Springville	88.7 CP	WQOH-FM	PA Mercersburg	92.1 WPPT	WNUZ
CA Oroville	91.1 CP	KORV	PR Vieques	90.1 CP	WVQR
CO Estes Park	88.7 KFCY	KHIH	SC Isle of Palms	95.9 WIOP	WMXZ
CO Hugo	92.3 KHIH	KFCY	SC Pendleton	95.9 WVGC	WLTE
CO Walsenburg	102.3 KSPK	KSPK-FM	TN Lobelville	94.5 WFGZ	WHPY
FL Valparaiso	103.1 WMXZ	WZLB	TN Tullahoma	88.5 WAUT	WLYJ
GA Tallulah Falls	91.7 WLTE	WNGM	TN White Pine	92.9 WNPC	WLNQ
ID Island Park	102.9 KWYS-FM	KOUW	TX Alpine	91.7 CP	KRTP
ID Moscow	90.3 CP	KRFP	TX Eden	91.5 CP	KPDE
IL Sparta	90.3 CP	WMSH	TX Hewitt	106.7 KDRW	KIXT
KY Independence	107.9 WRHX-LP	WGIO-LP	TX Odessa	91.3 KOCV	KXWT
KY Walton	97.7 WHKK-LP	WFKC-LP	WV Wardensville	103.3 CP	WTCF
MI Ironwood	88.3 WLVM	WKIW	WY Antelope Valley-Crescent City		
MS Holly Springs	96.5 CP	WWWN		93.3 KWDU	KLED
MT Frenchtown	101.5 KVWE	KGVO-FM	WY Burns	88.9 KEZF	KIHI
NJ Pennsville	88.1 CP	WFDS	WY Pine Bluffs	95.5 KIHI	KEZF
NY Ellenville	99.3 WKIP-FM	WRWB-FM			

**TRANSLATORS and BOOSTER STATIONS**

— CALL LETTER CHANGES —

	<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>
AL Tuscaloosa	100.9 W267BF	W265CG	CO Steamboat Springs	94.1 APP	KEZZ-1
AZ Laveen	96.5 K205DR	K243BN	FL Monticello	100.3 W259BK	W262CC
AZ Nogales	91.1 K219BU	K216GI	FL West Tampa	105.9 W237DI	W290BJ
AR Pine Bluff	103.3 K244CT	K277BT	GA Danielsville	89.3 W209BJ	W207BY
CA Carmel	102.1 K218ET	K271BP	HI Maili	88.9 K214CY	K205FM
CA Devore	90.3 K205DZ	K212CG	HI Naalehu	91.7 APP	KAHI-1
CA Garberville	91.7 K201HL	K219LS	ID Burley	103.3 K223BL	K277BO
CA Napa	88.1 K215FB	K201IH	ID Filer	92.3 K225BC	K222BV
CO Breckenridge	88.1 K202CV	K201IL	IN Tell City	101.3 W262AO	W265CK
CO Lamar	101.5 K214CO	K268CE	IN Warsaw	91.3 W204BC	W217BZ

IN Washington	89.7	W211AT	W209CL	NC Wilson	88.3	W206BR	W202CD
KS Chanute	95.7	K240EA	K239BJ	ND Dickinson	106.9	K296DT	K295BR
KY Blackrock	100.9	W262AO	W265CK	ND St. John	102.7	K275BG	K274BY
MI Sault Sainte Marie	95.1	APP	WUPN-1	ND Williston	90.1	K212DW	K211FS
MO Gray Summit	96.1	K239BI	K241BS	OH Fremont	89.1	W201AX	W206BX
MO Kansas City	92.9	K209EC	K225BL	OH Wadsworth	90.7	W219BT	W214CD
MO Lees Summit	107.9	K229AU	K300CH	PA Erie	104.3	W285AI	W282BR
MO Nevada	91.3	K206CH	K217GC	PA Pottstown	91.7	APP	WKDU-1
MT Great Falls	107.5	K294BN	K298BL	SC Ariel	98.5	W289AN	W253BG
MT Missoula	97.5	K247BI	K248BU	SC Mount Pleasant	101.3	W212CJ	W267BK
NY Endicott	94.7	W227AB	W234BT	SD Sioux Falls	98.1	K252DG	K251BH
NY Nunda	100.9	W265BX	K298BL	TN Tazewell	105.9	W293BC	W290CF
TX Fredericksburg	99.1	K258BL	K256BX	VA Front Royal	98.9	W201BA	W255CK
TX Houston	91.3	K218DA	K217GB	WA Shelton	88.9	K206DR	K205DH
TX Marble Falls	103.9	KBey-1	KBey-FM1	WA Tukwila	97.7	APP	KOMO-1
UT Ephraim	89.7	K210EI	K209FP	WI Peshtigo	92.9	W221BM	W225BJ
VA Danville	100.5	W264CD	W263CC	WY Jackson	105.9	K288GI	K290BT

— FORMAT AND SLOGAN CHANGES —

— Full Power and LP Facilities —

AL Atmore	104.1	WABD	> CHR
AL Demopolis	88.7	WMWI	Signs on with a Variety format
AL Haleyville	92.7	WWWH-FM	> Hot AC: <i>Paradise 92 point 7</i>
AL Mobile	97.5	WABB-FM	> Contemporary Christian: <i>K-Love</i>
AK Kodiak	101.1	KRXX	> CHR: <i>Hot 101 point 1</i>
AS Mapusaga	90.5	KPPO	Signs on with an Ethnic format
AZ Claypool	97.3	KIKO-FM	> Comedy: <i>Funny 97 point 3</i> [Cumulus - Comedy]
AZ Quartzsite	91.7	KEQS	Signs on with a Variety format
AR Booneville	104.7	KQBK	Remains Oldies, but with new slogan <i>Kool Gold 104 point 7</i>
AR Diamond City	88.5	KKJJ	Signs on with Religious Teaching with the slogan <i>The Life FM</i>
AR Marshall	104.3	KBCN-FM	> Sports: <i>ESPN Arkansas</i>
AR Ozark	96.7	KDYN-FM	> Country: <i>True Country</i> [Dial Global - True Country]
AR Paragould	107.1	KDRS-FM	> Adult Hits: <i>107.1 Jack FM</i> [Dial Global - Jack FM]
CA Mendocino	92.7	KUNK	> Classic Hits: <i>The True Hits Channel</i>
CA Santa Ana	106.3	KALI-FM	> Adult Standards/Ethnic [Music of Your Life]
CO Orchard Mesa	97.7	KNOZ	Signs on with News
CO Red Feather Lakes	88.7	KMKZ	Returns to the air with a Variety format
CO Sterling	104.7	KNNG	> Remains Country, but now as <i>King Country</i>
CO Strasburg	97.7	KSJL	Signs on with Religious Teaching: <i>Radio 74 Internationale</i>
FL Naples	89.5	WSRX	Remains Religious, but changes their slogan to <i>Way FM</i>
GA Omega	107.5	WTIF-FM	Remains Country, and changes their slogan to <i>Hometown Country 107 point 5</i>
IN Ferdinand	98.5	WQKZ	Remains Country, now as <i>Today's New Hit Country</i>
IN Fort Wayne	92.3	WFWI	> News/Talk: <i>News/Talk 11-90, WOWO // WOWO-1190</i> Fort Wayne
IA Fort Dodge	92.1	KZLB	> Classic Rock: <i>The Eagle</i>
IA Twin Lakes	105.9	KTLB	> Oldies: <i>The Beach</i>
KY Campbellsville	104.1	WCKQ	Remains Hot AC as <i>Hot 104</i> , but now receives programming from Dial Global - AC Active
KY Columbia	93.5	WAIN-FM	Remains Country with a new slogan of <i>Hot Country 93 point 5</i>
KY Greensburg	105.7	WGRK-FM	Remains Country as <i>K-Country</i> , but now with service from Dial Global - Country Today
KY Lebanon	100.9	WLSK	Remains Country: <i>Country Mike 100 point 9</i> , but now receives service from Dial Global - Country Today
KY Lewisport	102.7	WLME	> Sports: <i>102 point 7, The Game</i> [ESPN]
KY Princeton	104.9	WAVJ	Remains Adult Contemporary, but changes their slogan to <i>104 point 9, The Wave</i>
LA Rayne	106.7	KLEJ	> Ethnic: <i>Bayou 106 point 7</i>
ME Kennebunkport	88.3	WMEK	Signs on with Religious Teaching // WSEW 88.7 Sanford
ME Bangor	88.5	WHCF	Adds slogan <i>Maine's Harbor Of Hope</i>
ME Ellsworth	91.7	WRNM	Signs on with Southern Gospel: <i>God's Country, 88 point 9</i>
MI Newberry	97.9	WIHC	Returns to the air with Religion: <i>Strong Tower Radio</i>
MN Bagley	90.5	KBXE	Signs on with News/ Variety from National Public Radio: <i>Northern Community Radio, KAXE-FM // KAXE-FM 91.7</i> Grand Rapids
MN Granite Falls	93.9	KKRC	Remains Oldies, with a new slogan of <i>Kool Gold</i>
MN Montevideo	105.5	KMGH	Adds slogan: <i>Classic Rock FM 105 point 5</i>
MO Gainesville	99.7	KMAC	> Sports: <i>ESPN Arkansas</i>
MO Webb City	93.9	KJMK	> Classic Hits: <i>Classic Hits 93 point 9</i>
MT Big Sky	104.7	KBZM	> Classic Rock: <i>The Eagle</i>
MT Frenchtown	101.5	KVWE	> News/Talk: <i>NewsTalk KGVO</i>
MT Manhattan	105.7	KKQX	> Classic Rock: <i>The Eagle</i>
MT Missoula	97.5	K248BU	City-of-License change from Seeley Lake
NJ Camden	106.9	WKDN	> Religious Teaching: <i>Family Radio</i>
NM Portales	91.7	KPCV	Signs on with Spanish Religious
NY Ellenville	99.3	WRWB-FM	> Country: <i>Country 107 point 3 // WRWD-FM</i>
NY Montauk	94.9	WJJF	Signs on with News: <i>94 point 9, News Now</i>
NY Mt. Kisco	106.3	WFAF	> Country: <i>Kicks 105 point 5</i>
NY Odessa	89.9	WINO	Signs on with a Variety format as <i>Ithaca Radio</i>
NY New Paltz	93.3	WBWZ	Remains Rock, now as <i>Rock 93 point 3</i>
NY Rotterdam	98.3	WTRY-FM	Remains Oldies, but their slogan is now <i>Oldies 98 point 3</i>
NY Utica	100.7	WRCK	> Soft AC: <i>95 point 5 FM, WUTQ // WUTQ 95.5</i> Utica
NY Watkins Glen	91.9	WRFI	Signs on with a Variety format as <i>Ithaca Radio</i>
NC Washington	98.3	WLGT	> Religious Teaching: <i>Your Christian Radio</i>
NC Winfall	97.7	WGTI	Signs on with Christian CHR/Rock: <i>Air One</i> [note new City-of-License]
ND Fargo	101.9	KRWK	> Talk: <i>101 point 9, Talk FM</i>
OH Boardman	89.5	WILB-FM	Signs on with Religious Teaching: <i>Living Bread Radio</i> [Eternal Word]



			Network]
OH Piketon	100.1	WXZQ	> CHR: <i>Hits Now</i> [Dial Global - Hits Now]
OH Sylvania	105.5	WWWM-FM	> CHR
OR Burns	92.7	KORC	> Soft AC
OR Lakeview	93.5	KWTR	Returns to the air with Soft AC
OR Monmouth	95.1	KSND	> Spanish Adult Hits: <i>Recuerdo 95 point 1</i>
PA Dallas	93.7	WSJR	Remains Country but changes their slogan to <i>Great Country 93 point 7</i>
SC Atlantic Beach	100.3	WSEA	> Sports: <i>ESPN Radio 100 point 3</i>
SC Conway	93.9	WJXY-FM	> CHR: Z 93
SC Georgetown	93.7	WXJY	Remains CHR, but changes the slogan to Z 93
SC McCormick	91.1	WKER-FM	Signs on with Religious Teaching: Eternal Word Network
SD Rapid City	93.9	KKMK	Remains Hot AC with the new slogan 93-9, <i>The Mix</i>
TN Gallatin	104.5	WGFX	Remains Sports: <i>104 point 5, The Zone</i> , and is now on the Fox Sports Radio network
TN Kingsport	104.9	WKOS	> Country: <i>Great Country 104 point 9</i>
TX Big Spring	95.7	KBST-FM	Remains Country, but is now <i>Best Country, K-Best 95 point 7</i>
TX Conroe	106.9	KHPT	Remains Classic Hits // KGLK 107.5 Lake Jackson, but their new slogan is <i>Houston's Eagle</i>
TX Del Rio	96.3	KTDR	Remains CHR, but now as <i>The Best 96 point 3</i>
TX Fredericksburg	91.1	KIVM	Signs on with Religious Teaching [Eternal Word Network]
TX Hewitt	106.7	KDRW	> Country: <i>Kix 106 point 7</i>
TX Idalou	107.7	KLBB-FM	Signs on with Classic Hits: <i>107 point 7, The Eagle</i>
TX Lake Jackson	107.5	KGLK	Remains Classic Hits // KHPT 106.9 Conroe, but now goes by <i>Houston's Eagle</i>
TX Marlin	92.9	KRMX	> Country: <i>92 point 9, Shooter FM</i>
TX Meridian	95.3	KOME-FM	Returns to the air with Oldies
TX Odessa	91.3	KXWT	Remains News/Classical with a new slogan: <i>West Texas Public Radio</i>
TX Texarkana	91.5	KTXK	Adds Classical as a secondary format
TX Winfield	94.3	KXVI-LP	Returns to the air with Spanish Religious
UT Cedar City	88.9	KCHG	Signs on with Religious Teaching
VA Buffalo Gap	95.5	WBOP	> Sports: <i>95 point 5, The Zone</i>
VA Petersburg	91.3	WVST-FM	Returns to the air with a Variety format [Richmond State University]
VA Rustburg	91.7	WWEM	> Classical: <i>Classics Radio</i>
VA Spotsylvania	89.5	WWED	> Classical: <i>Classics Radio</i>
WA McCleary	96.9	KGY-FM	> Country: <i>South Sound Country 96 point 9</i>
WA Manson	88.3	KHNW	> Classical/News: <i>Northwest Public Radio</i> [National Public Radio]
WI Sparta	90.3	WEQS	Signs on with Contemporary Christian: <i>Prayz Network</i>



— Translator and LP Facilities —

NY Albany	99.1	W256BU	> Urban: <i>Hot 99 point 1</i>
			<u>Carries the programming of:</u>
NY Poughkeepsie	97.3	W247AW	WJGK 103.1 Newburgh
NY Utica	99.1	W256AJ	WTLB-1310 Utica with ESPN Sports
TN Ellendale	97.7	W249BN	WLBQ-560 Memphis with Sports
TX Mexia	101.3	W267AI	KLRK-1590 Moody
WI Rhinelander	101.3	W267AF	WOBT-1240 Rhinelander with Classic Country: <i>Hodag Country Classics</i>



— OTHERNEWS —

AL Marion	94.3	W232AN	City-of-License change from Suttle
AL Mobile	95.7	W239AP	Is silent due to the loss of its program source
AL Tuscaloosa	100.9	W265CG	City-of-License change from Demopolis
AZ Wellton	95.9	KUKY	Fined \$3200 for operating their Point-to-Point Microwave Station WNTB570 at an unauthorized location
AR Siloam Springs	97.9	K250AX	City-of-License change from Bentonville
CA Mojave	100.1	KKZQ-1	Denied application for a new booster station
CA San Jose	various*	Pirate	Fined an individual \$25,000 for operating an unlicensed transmitter [ * - 92.9, 93.7 and 104.3] This is the second fine to the same individual for the same wrongdoing.
FL Orlando	91.5	WPRK	Is off the air after the owner discovered during a visit by FCC field agents that its antenna site has been in the wrong place for a long time — possibly since it was built in 1951.
IL Lincoln	105.3	WLLM-FM	Is silent due to an electrical fire at the studios (also affects WLLM-1370)
IN Howe	91.9	WQKO	Is silent
IN Wilkinson	89.1	WRFM	Fined \$8000 for transmitting from an antenna site not authorized by their license, and for causing interference to an FAA-used frequency.
IA Conway	89.5	KCJA	Is silent
MA Lunenburg	91.7	WTYN	Is silent
MI Tuscarora Township	95.3	WGRL	Is silent
MN Redwood Falls	96.9	K245AK	License cancelled, call deleted per applicant's request
MO Hayti	98.7	WGCQ	Is silent
NM Crownpoint	91.1	APP	Denied application for a new non-commercial educational station here [Navajo Technical College]
NY Oswego	96.7	WWLF-FM	Is silent
ND Kindred	92.7	KFNL	Is silent
PA Shawmont	91.3	APP	Application for a new station reinstated
RI Bradford	91.1	WXEV	Is silent
WA Darrington	91.5	KEJI	Is silent
WA Deer Park	107.1	KAZZ	Is silent
WI Hudson	95.7	W239AM	Is silent pending their move to a new tower in Woodbury, Minnesota (and a possible W-to-K call change?)
WY Laramie	102.9	KARS-FM	Is silent due to transmitter problems, and engineers haven't been able to access the transmitter site due to heavy snowfall

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**NEWS ITEM: Full-Service FMs, LPFMs Battle for Spectrum** – Ever since Congress passed the Local Community Radio Act to allow more low-power FMs to be allocated onto the FM dial, the FCC has been wrestling with what to do about the thousands of pending FM translator applications. The conundrum facing the agency has been whether to process those first and then open an LPFM application window or vice-versa so it can implement the act.

Broadcasters favor acting on the FM translators first and LPFM proponents want their application window opened first. Lobbying on the twin issues has intensified as the agency works toward opening an LPFM application window by the end of this year.

NPR told the commission this week that it believes the agency should first act on the FM translator applications still pending from 2003, so the FCC can reduce the backlog and identify those that are still viable and propose a real service.

NPR executives said acting on the pending applications first could accommodate engineering solutions and settlements to facilitate FM translator service “to a greater degree” without blocking new LPFM service, according to the broadcast executives who met this week with a legal advisor for Commissioner Robert McDowell and last week with a legal advisor to Chairman Julius Genachowski.

In ex parte notices filed to MM Docket 99-25, NPR said it has concerns about potential waivers of second-adjacent channel protection to allow new LPFMs on the dial. NPR is concerned about potential interference to public radio station signals should second-adjacent waivers be granted. The broadcaster urged the commission to decide that those waivers only be granted under limited circumstances.

NAB lobbyists, which recently met with the chairman’s chief counsel about the issue, stressed that all aspects of the LRCA “must be read together and cannot be read to create a preference for any particular secondary service,” according to its ex parte notice. NAB noted that the act itself “does not support a preference for LPFM licensing in particular areas within a market based on population density or the viability of speculative LPFM services, at the expense of long-pending applications for FM translators.”

The broadcast trade group agrees with NPR that second-adjacent waivers should be granted only in truly exceptional circumstances.

The Prometheus Radio Project, in recent discussions on the issue with Media Bureau Chief Peter Doyle and Commissioner Mignon Clyburn’s office, worried that the FCC’s previously announced translator processing plan may preclude LPFM availability in spectrum-limited markets.

“Although urban availability is most critical for the development of LPFM, some markets have few or no frequencies available inside the ‘center market’ grid used by the commission to assess LPFM availability,” wrote Prometheus in its ex parte notice. “In such markets, translator applications should not be processed, even ‘outside the grid,’ if they would preclude future LPFM opportunities.”

In a meeting with Media Bureau Chief Peter Doyle at the recent National Religious Broadcasters convention, representatives of the Educational Media Foundation reiterated their concerns about any proposed caps on the numbers of pending FM translator applications that can be processed once the commission determines the priorities between LPFM and FM translator availability. EMF reiterated that any cap on FM translator application processing will harm rural residents, as those applications are more likely to be dismissed so that FM translator apps serving higher populations can be processed. EMF noted that, if the cap is imposed on “applications that can be processed” rather than “grants that can be received,” the number of new translator stations that any applicant will ultimately receive may well be far fewer than the number of applications that are selected for continued processing, as almost all pending applications are mutually exclusive with other applications. This further penalizes applicants who have a number of applications that remain pending, according to EMF in its ex parte filing.

It suggested a cap be applied to the number of grants — not applications — but only in LPFM spectrum-limited markets. EMF made it clear it’s opposed to all caps that leave only a limited number of remaining FM translator apps from the 2003 window to be processed.

**NEWS ITEM: LPFMs May Get Power Boost** – By definition, a low-power FM station doesn’t have a booming signal, but it’s looking like some stations could squeeze out a bit more wattage. As the FCC considers a number of outstanding LPFM issues, it’s seeking public comment on the idea.

The proposal would allow LPFMs up to 250-watts where permitted, putting them on par with translator stations. It’s an idea first floated by the Amherst Alliance and the Catholic Radio Association. The FCC says it could make LPFM more viable and expand radio to areas where full-power operations “may not be economically feasible.” One idea is to allow high-powered LPFMs only in small markets. If boosting power isn’t feasible, the FCC signals it may be open to eliminating the current cross-ownership ban, which prevents an LPFM license holder from also owning an FM translator. For Native Nations, the FCC is proposing that cross-ownership limits be lifted, allowing a network of LPFMs to be created to reach all of their members living on tribal lands.

Other unsettled issues include how to resolve interference complaints about LPFMs from third-adjacent channel stations or FM translators, and fine-tuning the requirement that LPFM licenses be held by local entities.

**NEWS ITEM: VOA Celebrates 70 Years** - Current and past U.S. international broadcasting officials were in Washington today to salute Voice of America on its 70th anniversary. Among them was Walter Roberts, age 95, last surviving member of the group that organized the first broadcasts to Germany in World War II. President Obama sent a birthday message to the international broadcasting agency calling it a “voice of freedom” that reminds people living in repressive societies that “they are not alone.” VOA went on the air Feb. 1, 1942. According to a VOA summary, Obama said millions of people “draw hope and strength” from VOA broadcasts. “In the face of foreign governments that censor, you provide news that’s accurate and objective. In the face of regimes that deny universal rights, you stand for freedom and democracy,” it quoted him saying.

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Thanks to Shawn Axelrod, Deane McIntyre, Tim Noonan, Dale Park, Dan Sys, Inside Radio, Northwest Broadcasters, Radio World Online and Upper Midwest Broadcasting for news.

If you hear any changes occur on your FM dial, share the news! 73

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# FM FACILITIES

## APRIL 2012

AF	Applied For (a new station)	PC	Power (and/or tower height) change on the air
Aux	Auxiliary (backup) transmitter	PG	Power change granted
CC	Callsign change	PR	Power change requested
CL	City-of-license change	RA	Returns to the air
DE	License/permit deleted	RE	Reinstated (previously-dismissed app.)
FC	Programming (format) change	ROA	Request of Applicant
FTP	Failure to Prosecute	SI	Off the air (silent)
LC	License to Cover	STA	Special Temporary Authority
NS	Permit granted for new station	XC	Transmitter site changed
NW	New station on the air	XG	Transmitter site change granted
PA	Proposed Amendment	XR	Transmitter site change requested

### Changes:

CITY/STATE/PROVINCE	FREQ	CALLS	CHANGE
AB Medicine Hat	103.3	CJLT-FM	QR from 93.7, 58kw/109m, relocate XR 30km south
AK Fairbanks	88.3	KZVV	CC for NS
AK Glennallen	88.7	KVRM	PR<6m, 62-06-52/145-32-07
AK Juneau	89.7	KLSF	NW 1.7kw/-343m, 58-18-05/134-26-26 (K-Love)
AK Juneau	91.7	NEW	FC; sold to KUAC
AK Nome	89.3	KQQN	NW 600w-v/-22m, 64-31-12/165-22-17
AL Cullman	88.3	WJUV	CC for NS
AL Cullman	88.3	WJUV	NW 88w-V/95m, 34-12-20/86-45-00
AL Cullman	88.3	WJUV	PG<88w/95m
AL Cullman	88.3	WJUV	PR 88w/95m
AL Fulton	89.3	WJIK	NW 2.1kw/166m, 31-53-28/87-42-45
AR Gravel Ridge	90.9	KNFR	CC for NS
AR Helena	94.5	KJIW-FM	PR>50kw/150m, 34-47-32/90-32-55
AR Little Rock	89.1	KUAR	PG 63kw/342m, 34-47-49/92-29-20
AR Little Rock	89.1	KUAR	PR 63kw/342m
AR Little Rock	90.5	KLRE-FM	AF 19.1kw/54m, 34-40-34/92-19-08 (aux); NS; XR 34-40-34/92-19-08 (main)
AR Nashville	88.5	KTYC	CC for NS
AR Searcy	88.7	KLUY	CC for NS
AR Texarkana	107.1	KTFS-FM	CC from KFYX
AR Warren	105.5	KWRF-FM	PC<74m, 33-38-08/92-03-56
AR Weiner	94.7	KLJK	CC from KKLW
AZ Bullhead City	89.9	KVIR	PG>9.1kw
AZ Casas Adobes	105.3	KZLZ	PC 575w/581m, 32-14-56/111-06-58
AZ Chuichu	91.1	KVNG	CC for NS
AZ Mesa	93.3	KDKB	NW 13kw/475m (aux)
AZ Parker	88.9	KAWP	CC for NS
AZ Phoenix	90.3	KFLR-FM	NS 430w/479m (aux)
AZ Tucson	93.7	KROQ	PC 93kw/613m
AZ Tucson	93.7	KROQ	PR 93kw/613m
AZ Wellton	90.3	KAWG	CC for NS
BC Abbotsford	88.5	CBU-1-FM	PG 7.4kw/104m, 49-04-20/122-24-12
CA Angwin	89.9	KDFC	CC from KNDL
CA Cedarville	88.9	KVYA	CC for NS
CA Coarsegold	94.5	KCGC	PC>480w/352m, 37-25-10/119-44-40
CA Gilroy	94.5	KBAY	PC 45kw/158m, 37-12-32/121-46-27
CA Hamilton City	101.7	KCKS	CC from KRER
CA Loleta	98.7	KMMI	CC for NS
CA McKinleyville	89.3	KNDZ	PR<640w/334m
CA Mecca	88.1	NEW	NS 2kw/12m, 33-29-02/115-51-54 (Holy Cross Radio)
CA Newman	90.7	KCUD	CC from KRUD
CA Newman	90.7	KCUD	PG>1.7kw
CA North Highlands	89.3	KQEI-FM	PC>3.8kw H&V (add H)
CA North Highlands	89.3	KQEI-FM	PR>3.3kw-H&V (add H)
CA Quincy	100.3	KVXX	PC>200w/-219m, 39-56-25/120-55-39
CA Ramona	89.9	NEW	AF dismissed (Activist San Diego)
CA Ridgecrest	89.3	KRSF	NW 4kw-H/451m, 35-53-53/117-17-18
CA Ridgecrest	89.3	KRSF	PG<4kw/451m
CA Ridgecrest	89.3	KRSF	PR<4kw/451m
CA San Andreas	90.7	KQBM	CC for NS
CA San Clemente	107.9	KWVE-FM	NW 800w/167m, 33-25-52/117-35-47 (aux)
CA San Francisco	102.1	KUZX	CC from KDFC-FM
CA San Francisco	90.3	KOSC	CC from KUSF
CA San Francisco	90.3	KUSF	PG>1kw/301m, 37-51-04/122-29-50
CA San Francisco	90.3	KUSF	PR>1kw/301m, 37-51-04/12-29-50 (previously dismissed)
CA Trinidad	95.5	KBAE	CC from KZCC
CA Vallejo	89.5	KZCT	NW 7w/264m, 38-09-06/122-11-25
CO Calhan	104.7	KKCS	CC from KKHN



CO Centennial	101.9	KXWA	CC from KKHI
CO Creede	88.9	KRIX	CC for NS
CO Fraser	90.3	KKHI	CC from KGQD
CO Lamar	90.7	KCSE	NW 250w/113m, 38-02-10/102-35-58
CO Loveland	89.7	KXGR	CC from KXWA
CO Loveland	93.9	KCWA	CC from KRKU
CO Merino	94.5	KRFD	PR>50kw
CO Nunn	96.9	KIMX	QR from 96.7, 2.1kw/169m, 41-02-34/105-12-22 dismissed ROA
CO Pitkin	90.1	KRKU	CC from KPNK
CO Pitkin	90.5	KRKU	QG from 90.1, 200w H&V (add H)/469m
CO Red Feather Lakes	88.7	KUSZ	NW 5w/260m, 40-52-04/105-38-33
CO Redlands	106.1	KRZX	PR<870w
CO Salida	92.3	KVRH-FM	AF 2kw/-190m, 38-30-27/106-01-26 (aux)
CO Salida	92.3	KVRH-FM	NS 2kw/-190m, 38-30-27/106-01-26 (aux) (use old main from 92.1 operation as aux)
CO Wray	90.3	KGCD	CC for NS
CO Wray	90.3	KGCD	NW 430w-V/77m, 40-03-13/102-13-32
DE Bethany Beach	95.9	WKZP	CC from WOSC
FL Baldwin	105.7	WJGM	CC from WHJX
FL Big Cypress	89.1	WHSI	PR>9kw/46m, 26-17-46/81-06-26
FL Chiefland	107.9	WNDN	XG 29-30-55/82-53-05
FL Everglades City	88.1	WBGY	PG 100w H&V (add H)/16m, 25-51-25/81-23-12
FL Everglades City	88.1	WBGY	PR<100w H&V/16m, 25-51-25/81-23-12; amendment from 25m at slightly different site
FL Everglades City	98.1	W251BL	PC<25m, 25-59-08/81-34-14
FL Fort Pierce	91.1	WJFP	PG>100kw/125m, 27-26-07/80-21-41
FL Gifford	94.7	WPHR-FM	CC from WSYR-FM
FL Jacksonville Beach	92.5	WFJO	PG 1.6kw/197m, 30-16-34/81-33-51
FL Jacksonville Beach	92.5	WFJO	PR 1.6kw/197m, 30-16-34/81-33-51; amendment from 1.7kw/190m
FL Mexico Beach	90.3	NEW	AF 36kw/167m, 29-49-08/85-15-34; amendment from 37kw and to correct coordinates
FL Miami	93.1	WFEZ	CC from WHDR
FL Palm Coast	89.3	WDXZ	CC for NS
FL St. Marks	91.1	WUJC	PG>73.5kw/139m, 30-30-55/83-52-17
FL Tampa	93.3	WFLZ-FM	PC>97kw/472m, 27-49-10/82-15-39
FL Valparaiso	103.1	WMXZ	NW 430w/18m, 30-23-27/86-29-13 (aux)
FL West Palm Beach	90.7	WPBI	CC from WXEL
GA Atlanta	88.5	WRAS	PG>164m, 33-45-33/84-20-05
GA Atlanta	88.5	WRAS	PR>164m, 33-45-33/84-20-05
GA Augusta	90.7	WACG-FM	PR<3kw/421m, 33-24-18/81-50-15
GA Cleveland	101.9	WAZX-FM	PR 350w/410m, 34-30-32/83-48-27
GA Fort Benning South	99.3	WKCEN	PC 29kw/167m, 32-27-59/85-03-22
GA Greensboro	89.9	NEW	PG 900w-V/80m, 33-32-53/83-04-15
GA Greenville	93.3	WVFJ-FM	PR<27kw
GA Lavonia	92.1	WLHR-FM	PR 4.78kw/113m, 34-22-03/83-05-22; amendment to correct longitude from 34-22-27.
GA Plainville	104.9	WRBF	NW 950w/185m, 34-20-35/85-02-20
GA Plainville	104.9	WRBF	PG<950w
GA Roswell	107.5	WAMJ	PR>18kw-H/33kw-V/185m, 33-55-01/84-12-06. Requests waiver of rules to allow vertical power greater than horizontal, to avoid FAA issues with air navigation "localizers."
GA Statesboro	88.5	WSLT	NW 6kw/60m, 32-38-09/81-41-36
GA Tallulah Falls	91.7	WVNG	CC from WMJE
GA Tallulah Falls	91.7	WVNG	NW 25w/169m, 34-45-40/83-24-45
GA Tallulah Falls	91.7	WVNG	PG<25w/76m, 34-43-47/83-23-15
GA Tallulah Falls	91.7	WVNG	PG>169m, 34-45-40/83-24-45
GA Tallulah Falls	91.7	WVNG	PR<25w/76m, 34-43-47/83-23-15; amendment from 250w/116m at different site
GA Tallulah Falls	91.7	WVNG	PR>169m, 34-45-40/83-24-45
GA Waynesboro	92.9	NEW	AF 5kw/94m, 33-09-57/81-57-30; amendment from 2.25kw/166m at different site
HI Hana	88.3	KIPH	CC from KHPH
HI Hana	88.3	KIPH	NW 250w-H/-42m, 20-45-04/156-00-17
HI Honolulu	99.5	KGU-FM	CC from KHUI
HI Kailua	88.7	KHPH	CC from KIPH
HI Waikapu	89.7	KIPM	NW 62kw/748m, 20-39-36/156-21-50
IA Hiawatha	89.1	KXGM-FM	PG<3.6kw H&V (add H)/94m
IA Mason City	90.7	KDVO	CX ROA
IA Sioux City	92.9	KMSC	QC from 88.3 (Class D station)
ID Caldwell	89.9	KRBX	NW 7.9kw/285m, 43-37-15/117-12-35
ID Fruitland	99.5	KKOO	CC from KWEI-FM
ID Grangeville	90.9	KKRH	NW 1.9kw/709m, 45-51-42/116-07-25
ID Idaho Falls	100.7	KSNA	QC from 99.1, 193m, 43-21-06/112-00-29
ID McCall	88.3	KGSY	NW 400w-V/590m, 45-00-18/116-08-01
ID Menan	90.9	KTSJ	CC for NS
ID New Plymouth	93.1	KTIK-FM	CC from KZMG
ID Rexburg	99.1	KUPI-FM	QC from 94.3, 100kw/176m, 43-32-33/111-53-04 Takes over former facilities of Idaho Falls station now known as KSNA.
IL Ellsworth	89.5	WSPI	NW 290w/95m, 40-24-17/88-35-34
IL Erie	105.5	NEW	AF 6kw/100m, 41-40-56/90-03-46; amendment from 3.3kw/137m at different site
IL Morris	89.3	WUON	NW 2kw/68m, 41-23-35/88-25-13 (WONU)
IL Murphysboro	89.1	NEW	PR>3.5kw/32m, 37-48-59/89-15-57
IL Murphysboro	89.1	NEW	PR>3.5kw/32m, 37-48-59/89-15-57
IL Oreana	88.9	WDCR	NW 1.1kw/50m, 39-55-50/88-51-41
IL Round Lake Beach	89.1	WJLV	CC from WJKE
IL Smithboro	89.9	WSWS	PR 2kw/110m, 38-56-35/89-06-13
IL Wonder Lake	91.3	WTZY	CC for NS
IN Dayton	91.5	WCNB	PR<700w H&V (add H)/3m, 40-22-28/86-44-26
IN Greensburg	89.9	WHOZ	CC for NS
IN Greensburg	89.9	WHOZ	PR 400w/44m, 39-20-18/85-29-06 dismissed 73.316(a)
IN Morristown	88.1	WJCF-FM	PR>45kw H&V; amendment from V-only
IN Norristown	89.9	NEW	AF 110w/15m, 39-21-55/85-43-03; amendment from 1w-H/100w-V/39m
IN Seelyville	88.9	WVWG	PR>20kw/36m, 39-38-44/87-12-45
IN Versailles	89.5	WNOP-FM	PR<200w/44m, 39-04-06/85-15-58
IN Wilkinson	89.1	WRFM-FM	PR>1.8kw H&V (add H)/25m, 39-53-04/85-36-26
KS Chanute	90.3	KANQ	CC from KJVL
KS Chanute	90.3	KANQ	NW 17kw/161m, 37-35-59/95-39-10 (KANU)
KS Colby	88.1	NEW	NW 2kw/109m, 39-21-04/101-03-13 (KANZ)

KS Hutchinson	88.1	KJVL	CC for NS
KS La Harpe	91.9	KFKB	PG<750w/66m, 37-57-24/95-22-16
KS Lakin	92.5	KGRQ	PR<6.2kw-H/59m, 37-53-26/101-22-39
KS Paola	89.7	KWJP	PR 4.5kw/68m, 38-28-49/94-56-53
KS Riley	96.3	KACZ	PG 12.5kw/145m
KY Crittenden	89.1	WKCX	NW 10kw/90m, 38-47-30/84-41-44
KY Glasgow	89.3	WZVK	CC for NS
KY Jeffersonton	101.3	WMJM	PG>6kw
KY Lerosé	88.3	WEBF	CC from WOCS
KY Middlesboro	92.7	WMIK-FM	NS 300w-V/-159m, 36-37-21/83-42-46 (aux)
KY Middlesboro	92.7	WMIK-FM	PC>350w/410m, 36-35-39/83-47-42
KY Westwood	99.7	WWQB	NW 3kw/100m, 38-26-20/82-47-52
LA Kentwood	91.5	WPEF	NW 6kw/90m, 31-02-02/90-25-27
LA Simmesport	105.3	KSLO-FM	CC from KXKW
LA Simmesport	90.1	KLJG	PR<3.7kw-V (drop H)/118m
LA Tallulah	104.5	KLSM	QC from 104.9, 25kw/100m, 32-22-13/91-07-39
LA Wilson	90.9	WJVI	CC for NS
LA Wilson	90.9	WJVI	PC<1.3kw/57m, 30-56-30/91-06-38
MA Brewster	89.1	NEW	NS 23kw-V/87m, 41-53-57/69-59-14 (Home Improvement Ministries)
MA Dalton	91.7	WJNF	PG 160w/298m
MA East Falmouth	88.3	NEW	AF 1kw/85m, 41-36-53/70-36-38 (Horizon Christian Fellowship)
MA East Falmouth	88.3	NEW	AF 1kw/85m, 41-36-53/70-36-38; amendment from 100w-H/8kw-V/27m at different site & on 88.7
MA Edgartown	88.7	WMEX	PR>1.2kw/93m, 41-26-16/70-36-50
MA Edgartown	88.7	WMEX	PR>1kw/92m, 41-26-16/70-36-50; amendment from 1.2kw/93m
MA Gardner	91.7	WJWT	PR>1.2kw/104m, 42-31-12/72-03-34
MA Rockland	88.3	WRPS	PR>46m
ME Farmington	100.1	WUMK	CX ROA
ME Kennebunkport	88.3	WMEK	CC from WPHH
ME Searsport	101.7	WKVV	PR 2.4kw/324m
MI Ann Arbor	102.9	WWWW-FM	PC 50kw/134m, 42-14-46/83-50-58
MI Auburn Hills	89.5	WAHS	PG>2.4kw/54m
MI Burton	89.7	WTAC	PG>15kw/110m, 42-44-56/83-42-59
MI East Lansing	90.5	WKAR-FM	PR<85kw/269m
MI Grand Haven	92.1	WGHN-FM	PR>6kw/65m
MI Mackinaw City	94.5	WLJZ	PG>50kw/110m
MI Mount Forest	91.9	WSMO	CC for NS
MI Munising	89.7	WAZP	CC for NS
MI Muskegon	106.9	WOOD-FM	CC from WMUS
MI Muskegon	107.9	WMUS	CC from WSHZ
MI Whitehall	97.5	WWSN	CC from WEFM-FM
MN Cass Lake	90.1	KOJB	PR<18kw/140m, 47-20-04/49-12-43
MN Hinckley	91.9	WINH	CC for NS
MN Warroad	91.7	KOLJ-FM	NW 250w/-70m, 48-54-26/95-18-58
MO Bridgeton	100.3	WSGX	CC from WSDD
MO Cuba	101.7	KQXQ	CC for NS
MO Moberly	88.7	KSDQ	NW 17kw-V/57m, 39-14-40/92-12-40
MP Garapan	90.7	KCKD	CC for NS
MS Itta Bena	89.7	WZEC	NW 100w/30m, 33-31-05/90-20-37
MS Kosciusko	105.1	WJDX-FM	CC from WQJQ
MT Billings	104.5	KYSX	CC from KQBL
MT Billings	98.5	KEWF	CC from KGHL-FM
MT Colstrip	89.1	KNPC	NW 100w/36m, 45-54-17/106-37-32
MT Colstrip	89.1	KNPC	PG<100w H&V (add H)/36m, 45-54-17/106-37-32
MT Colstrip	89.1	NEW	QR from 88.9, 100w/36m, 45-54-17/106-37-32; add H, was V-only
MT Miles City	91.5	NEW	PR<100w/147m, 46-23-23/105-45-23
MT Missoula	102.5	KMSO	PR<29kw/534m
MT Philipsburg	90.1	NEW	FC; sold to Hi-Line Radio Fellowship
MT Polson	89.5	KPJH	PG<130w/570m
NC Beaufort	88.7	WBAU	CC for NS
NC Biltmore Forest	96.5	WOXL-FM	NS 550w/357m, 35-35-23/82-40-26 (aux)
NC Bladenboro	90.7	WRDK	NW 160w/58m, 34-32-59/78-48-30
NC Carolina Beach	106.7	WMYT	CC from WUIN
NC Concord	97.9	WPEG	PG>30kw (aux)
NC East Fayetteville	88.1	WWFJ	PC>3kw/65m, 34-56-36/78-43-16
NC East Fayetteville	88.1	WWFJ	PR>3kw/65m, 34-56-36/78-43-16; amendment to change site
NC Hendersonville	102.5	WMYI	PR 44kw/416m, 35-08-16/82-36-31
NC Jacksonville	98.7	WRMR	CC from WLGD
NC La Grange	104.7	WZUP	PG>39kw/168m, 35-10-06/77-37-56
NC Lockwoods Folly Town	88.1	WGHW	PG>100kw H&V (add H)/180m, 34-05-03/77-53-18
NC Magnolia	90.9	NEW	PR 8kw/105m, 34-46-17/77-56-35
NC North Wilkesboro	97.3	WKBC-FM	AF 5.5kw/374m, 36-04-34/81-07-43 (aux)
NC North Wilkesboro	97.3	WKBC-FM	NS 5.5kw/374m (aux)
NC Oak Island	98.3	WUIN	CC from WFSM
NC Pilot Mountain	89.7	WGIW	PG>2.7kw/88m, 36-25-27/80-37-51; add H (was V-only)
NC Yadkin	90.3	WEAJ	CC for NS
ND Fargo	97.9	KFNW-FM	AF 2.3kw/71m, 46-39-37/96-43-01 (aux)
ND Gackle	99.1	KOYD	CC for NS
ND Grand Forks	94.7	KZGF	CC from KNOX-FM
ND Williston	90.7	KJND-FM	PG<2kw/175m, 48-08-30/103-53-34
NE Bennington	93.3	KTWI	PR>8.9kw/176m, 41-15-26/95-57-49
NE Firth	93.7	KNTK	CC from KOLB
NE Gibbon	97.7	KMTY	PC>100kw/42m, 40-38-33/99-04-52; CL from Holdrege; amendment from 125m
NE Hay Springs	107.7	KBPY	NW 50kw/144m, 42-44-23/102-41-25
NE Kimball	88.3	KVAM	NW 510w/86m, 41-11-36/103-31-45
NE O'Neill	91.5	KOEC	PR<100w/-10cm, 42-25-22/98-39-01 dismissed
NE Santee	88.9	KZYK	CC for NS
NH Lisbon	89.7	WREF	CC for NS
NH Starford	98.7	WTTT	PG<100w/-189m, 44-41-03/71-35-16
NH Stratford	98.7	WTTT	NW 100w/-189m, 44-41-03/71-35-16
NH Stratford	98.7	WTTT	PG<100w/-189m, 44-41-03/71-35-16

NJ Lakehurst	91.7	WLNJ	PR<130w-H/3.5kw-V/49m
NJ Newark	88.3	WBGO	PG>2.5kw/269m, 40-45-22/73-59-12
NJ Port Republic	88.7	WEHA	PG>1.6kw H&V (add H)/41m
NJ Port Republic	88.7	WEHA	PR>1.6kw H&V (add H)/41m
NM Alamo Community	107.5	NEW	PR>10kw-V/41m dismissed (they did ask the FCC to waive the normal requirement for horizontal polarization, on economic grounds. Vertical-only is cheaper. I don't know for certain this is why the FCC dismissed the application. (but it probably is))
NM Alamogordo	103.7	KNMZ	PR>400w/404m, 32-49-45/105-52-14
NM Belen	97.7	KLVO	CC from KDLW
NM Eagle Tail	88.1	NEW	NS 1.25kw/429m, 36-40-56/104-24-52 (KENW)
NM Farmington	96.9	KDAG	NS 2kw/167m, 36-39-48/108-12-55 (aux)
NM Gallup	90.1	KNIZ	NW 800w/-8m, 35-31-06/108-43-49
NM Grants	91.9	KKGT	NW 200w/-118m, 35-09-05/107-52-31
NM La Luz	92.7	KRSY-FM	PR>400w/391m, 32-49-45/105-52-14
NM Los Alamos	106.7	KDLW	CC from KLVO
NM Ruidoso	88.5	KENG	CC for NS
NV Amargosa Valley	105.9	KZNV	CC for NS
NV Amargosa Valley	106.1	KZNV	QC from 105.9, 17.5kw-H/568m, 36-38-26/115-55-27
NV Bunkerville	96.7	KHIJ	AF 340w/59m, 36-19-24/114-55-49 (aux)
NV Elko	94.5	KZBI	NW 425w-V/-157m, 40-50-48/115-44-46 (aux)
NV Fallon	89.9	KQNV	NW 600w/10m, 39-27-42/118-42-38
NV Fallon	99.5	KVLV-FM	QC from 99.3, 6kw/76m, 39-29-26/118-49-08
NV Goldfield	89.1	KGFN	NW 150w/65m, 37-43-36/117-13-28
NV Mesquite	89.3	KAER	QG from 89.5, 740w/239m, 36-53-48/114-17-23
NV Mesquite	89.3	KAER	QR from 89.5, 740w/239m, 36-53-48/114-17-23
NV Overton	106.9	KVGQ	PC>289m
NV Overton	106.9	KVGQ	PG>289m
NV Overton	106.9	KVGQ	PG>289m
NV Spring Creek	103.9	KBGZ	NW 360w/474m (aux)
NY Center Moriches	96.1	WJVC	CC from WKJI
NY Lowville	89.7	WXLD	PR>220w/80m, 43-48-31/75-30-42
NY Malta	105.7	WQSH	CC from WBZZ
NY Monroe	89.3	WLJP	PG>1.4kw/321m, 41-22-42/74-08-16
NY Olivebridge	88.3	WFSO	PG<80w H&V (add H)/33m
NY Port Chester	96.7	WKLV-FM	CC from WCTZ
NY Solvay	106.9	WSYR-FM	CC from WPHR-FM
OH Baltimore	102.5	WWCD	CC from WCVZ
OH Cambridge	88.1	WRUY	CC from WYBP
OH Cleveland	106.5	WHLK	CC from WMVX
OH Findlay	89.7	WTKC	PG>200w/26m, 41-03-11/83-39-13
OH Geneva	89.5	WMIH	CC for NS
OH Hamilton	89.5	WHSS	PR>1kw/118m
OH Kenton	88.5	WKEN	QG from 88.9, 2.5kw H&V (add H)/40m, 40-38-33/83-35-09, co-owned with WSOH
OH Marietta	90.9	WTYC	NW 4kw-V/37m, 39-36-00/81-33-10
OH Middletown	105.9	WNKN	CC from WPFM-FM
OH Mowrystown	90.5	WAOM	CC for NS
OH New Albany	101.7	WNKO	PC>22kw/107m, 40-08-38/82-38-20
OH New Albany	101.7	WNKO	PC>22kw/107m, 40-08-38/82-38-20
OH North Madison	93.7	WQGR	CC for NS
OH Sandusky	88.1	WHRQ	PG<375w/102m, 41-22-38/82-48-52
OH Zanesfield	88.9	WSOH	QG from 88.5, 400w H&V (add H)/130m, 40-20-07/83-39-46, co-owned with WKEN
OK Broken Arrow	90.5	KNYD	PG<24kw (aux)
OK Cache	97.9	KJMZ	PG>97m
OK Caney	90.1	NEW	NW 2.5kw/21m, 34-13-56/96-12-51
OK Goltry	90.5	KGVV	CC from WKGT
OK Hugo	91.3	KVYY	CC for NS
OK Miami	100.9	KGLC	PC>6kw/84m
OK Sayre	88.7	KESG	PR<225w-H (drop V)/26m, 35-21-47/99-42-59
ON Ottawa	101.9	CIDG-FM	PG>5.5kw
ON Thamesville	104.3	NEW	NS 50w/25m, Aboriginal (Lenape & English)
ON Timmins	93.1	CHMT-FM	PR>16.4kw/95m
OR Florence	90.7	KXCR	CC for NS
OR Glendale	91.3	NEW	NS 70w/784m, 42-41-49/123-13-39 (Portland Radio Authority)
OR Lebanon	103.7	KXPC-FM	PR<85kw/334m, 44-38-46/123-16-10 dismissed ROA; going for 1.45kw/741m at a different site
OR Portland	89.9	KQAC	PR>5.9kw
OR Siletz	91.7	KYAQ	CC for NS
OR The Dalles	88.1	KQHR	PR>3.4kw
PA Beech Creek	89.3	WRWV	CC from WRVI
PA Bellefonte	90.3	WJVM	CC for NS
PA Cambridge Springs	89.9	WCGF	CC for NS
PA Dallas	107.7	WCIG	PG 6kw/100m, 41-16-57/75-55-33
PA Dushore	103.9	WNKZ	PG>2.8kw/111m, 41-30-07/76-23-34
PA Dushore	88.1	WAMO	QG from 88.7, 100w/-23m, 41-31-33/76-24-35
PA Elysburg	90.9	WEVW	CC for NS
PA Everett	90.1	NEW	PG>460w/308m
PA Gallitzin	93.5	WCGJ	CC from WHPA
PA Greenville	107.1	WLVX	CC from WEXC
PA Grove City	91.1	WSAJ-FM	PC>2.7kw/153m, 41-14-48/79-54-01
PA Kane	103.9	WVTT	CC from WUMT
PA Longswamp Township	91.3	WKTW	CC for NS
PA New Kensington	100.7	WBZZ	CC from WZPT
PA Philadelphia	88.5	WXPB	PR 3.2kw/336m
PA Saint Marys	91.1	WRVI	CC from WRWV
PA Wilkes-Barre	90.7	WCLH	PC 205w/296m, 41-11-11/75-51-33
PA Youngsville	88.5	WYVL	CC from WTMV
PR Cidra	97.7	WNVM	NW 3kw/324m (aux)
PR Cidra	97.7	WNVM	NW 3kw/324m, 18-16-49/66-06-35 (aux)
PR Rincon	89.5	NEW	AF dismissed (Family Educational Association)
SC Bluffton	106.9	WUBB	CC from WGZR
SC Enoree	88.1	WUBK	CC from WNRE
SD Fort Pierre	90.3	KSLP	NW 2kw/56m, 44-22-18/100-24-28



SD Watertown	90.3	NEW	NS 35kw/71m, 44-53-17/97-02-20 (SDPB)
TN Alcoa	89.1	WOFM	CC from WYLV
TN Crossville	90.1	NEW	AF dismissed (Roane State Community College)
TN Dickson	91.5	WNRZ	PG>25kw
TN Etowah	103.1	WLLJ	XR 35-11-49/84-41-14
TN Johnson City	89.5	WETS-FM	NS 12kw/679m (aux)
TN Lynchburg	93.9	WDUC	CC from WHWA
TN Maynardville	88.3	WYLV	CC from WDLF
TN Nashville	89.1	WECV	CC from WNAZ-FM
TN Spring City	88.5	WWQS	PR>6kw H&V (add H)/94m, 35-43-24/84-51-34
TN White Pine	104.7	WNPC-FM	QG from 92.9, 2.8kw/150m, 36-13-00/83-11-38
TX Alamo	104.9	KJAV	CC from KRIO-FM
TX Archer City	91.9	KPMA-FM	PR<55m, 33-26-38/98-27-22
TX Archer City	91.9	KPMA-FM	PR<55m, 33-26-38/98-27-22 dismissed 73.316(a)
TX Archer City	91.9	KPMA-FM	PR<55m, 33-26-38/98-27-22; drop H & go V-only
TX Breckenridge	89.9	KQXB	CC from KDRG
TX Carthage	88.3	KRTG	PG>25kw/100m, 31-49-40/94-17-42
TX Cedar Lake	89.9	KQVI-FM	CC for NS
TX Cooper	89.9	NEW	NW 500w/4m, 33-22-17/95-41-17
TX Del Rio	88.5	KVFE	CC for NS
TX Del Rio	90.5	NEW	QR from 90.7, 100m, 28-43-33/100-28-36
TX Del Rio	90.5	NEW	XR 28-43-33/100-28-36 dismissed 73.515
TX Ellinger	89.1	NEW	AF 5kw/164m, amendment from 7.5kw
TX Falfurrias	91.5	KRVP	CC for NS
TX Fredericksburg	91.1	KIVM	CC for NS
TX Giddings	95.9	NEW	AF dismissed (Jose J. Garcia)
TX Hamilton	107.7	KHHG	QG from 104.9, 850w/100m, 31-42-46/98-07-09
TX Laredo	88.1	KHOY	PG>4.3kw (for some reason it took the FCC ten years to act on this - Mexican coordination?)
TX Marathon	91.5	NEW	PR 100w/-39m, 30-12-31/103-15-10
TX Marfa	93.5	KRTS	PR<19kw
TX Natalia	90.3	KYRO	NW 3kw/41m, 29-09-20/98-53-06
TX Pearsall	104.1	KSAH-FM	CC from KRIO-FM
TX Post	107.3	KGCE	FC; sold by Educational Media Foundation
TX Refugio	106.1	NEW	NS 6kw/86m, 28-22-42/97-18-18 (Hispanic Target Media)
TX Refugio	106.5	KTKY	QR from 106.1, 50kw/148m, 27-52-02/97-13-07
TX Rio Grande City	88.3	KXJT	CC for NS
TX Roma	97.7	KRIO-FM	CC from KBMI
TX San Antonio	88.3	KPAC	PR 69kw/240m
TX San Antonio	89.1	KSTX	PR 72kw/240m
TX Sulphur Springs	91.9	KZRF-FM	CC for NS
TX Sulphur Springs	91.9	KZRF-FM	NW 750w/45m, 33-09-05/95-36-13
TX Uvalde Estates	103.5	KEWP	CC for NS
TX Valley View	89.1	NEW	NW 1kw/101m, 33-44-18/98-54-28
TX Valley View	89.1	NEW	PR 1kw/104m, 33-44-19/98-54-29
UT Orem	107.5	KKLV	CC from KKAT-FM
VA Charlottesville	107.5	WCHV-FM	CC from WWTJ
VA Drakes Branch	88.7	WGFV	CC for NS
VA Drakes Branch	88.7	WGFV	PR>2.3kw/62m, 37-08-39/78-32-54
VA Eastville	91.9	WHRE	CC from WHRJ
VA Emporia	89.3	WJYA	PG>23kw/161m, 36-56-39/77-37-14 CX ROA, filed for 100kw/114m at different site
VA Emporia	89.3	WJYA	PR>100kw H&V (add H)/114m, 36-57-40/77-42-46
VA Gloucester Courthouse	89.9	WHRJ	CC from WHRX
VA Gloucester Courthouse	89.9	WHRJ	NW 750w/84m, 37-24-36/76-32-52
VA Gloucester Courthouse	89.9	WHRJ	PG>750w/84m
VA Gloucester Point	88.5	WHRG	NW 9.6kw/112m, 37-26-11/76-19-54
VA Gore	90.1	WVRS	PG<9w H&V (add H)/462m, 39-11-02/78-23-15
VA Nassawadox	90.1	WHRX	CC from WHRJ
VA Roanoke	92.3	WXLK	PR<100kw/605m, 37-11-51/80-09-10
VA Roanoke	94.9	WSLC-FM	PR<95.5kw/598m
VA Roanoke	99.1	WSLQ	PR>190.9kw/598m, 37-11-50/80-09-11 (not sure how they expect to get ths approved...)
VA Rustburg	91.7	WWEM	PG>100kw/126m, 37-20-36/78-52-25
VI Christiansted	91.9	WPPD	CC for NS
VT Brattleboro	88.9	WVBA	PR>7.2kw/31m
VT Hartford	95.3	WXLF	PC>6kw/87m; CL from White River Junction
WA Bellingham	90.3	KQOW	NW 100w/95m, 48-48-04/122-27-40 (KUOW)
WA Elma	89.5	KCFL	QR from 91.3, 220w/113m, 47-57-31/123-35-18
WA Elma	91.3	KCFL	QR from 89.5
WA Glenoma	89.3	KRYA	NW 10w-H/1kw-V/-289m, 46-32-37/122-03-36
WA Glenoma	90.1	KZFL	NW 10w-H/1kw-V/-292m, 46-32-37/122-03-36
WA Hamilton	90.1	KSVU	NW 330w/-159m, 48-33-16/121-47-40
WA Hoquiam	95.3	KXXX	PC 3.5kw/129m
WA Long Beach	99.7	KLMY	PG>15kw
WA Union Gap	88.1	KYTR	PG<35w/225m, 46-31-21/120-19-59
WI Baraboo	89.5	WCNP	PR 5.7kw/321m, 43-25-40/89-39-07; amendment from 7.5kw
WI Forestville	91.7	WQQA	CC for NS
WI Hayward	94.3	NEW	AF dismissed FTP (True North Community Outreach)
WI Rhinelander	89.9	NEW	PR 16.7kw/157m
WI Waupaca	91.5	WAUP	CC for NS
WV Beckley	88.7	WBWV	CC for NS
WV Webster Springs	89.3	WWHA	CC for NS
WV West Union	89.7	WVGW	PG<2.35kw/120m, 39-17-22/80-48-16
WY Evanston	88.1	KCWW	FC; sold to KSOS-90.5
WY Jackson	89.1	KHOL	adds 600w-H/811m (was V-only) (aux)
WY La Barge	88.9	KDEB	CC for NS
WY Lingle	90.7	KUWV	NW 14kw/96m, 42-20-03/104-09-56
WY Lusk	96.3	KQWY	PR<2kw-H (drop V)/97m, 42-44-43/104-31-16
WY Lyman	104.7	KZNS-FM	CC from KYLZ
WY Manville	98.	KOUZ	PR<2kw-H (drop V)/97m, 42-44-43/104-31-16
WY Manville	98.9	KOUZ	PG<2kw-H (drop V)/97m, 42-44-43/104-31-16
WY Rock River	106.1	KLMI	PG>50kw

# CANADIAN TELEVISION

## Who's Digital and Who's Not

FROM A POST AT THE WTFDA FORUMS

Doug Smith

Just as in the U.S., the Canadian transition plans have changed a few times. The information on the Wikipedia page "Digital television in Canada" is essentially accurate.

The following transmitters were required to convert to digital by September 1, 2011:

- Transmitters in the National Capital Region. (Ottawa/Gatineau)
- Transmitters in the ten provincial capitals.
- Transmitters in markets with more than 300,000 residents.
- Transmitters in markets which are the headquarters for more than one station. (i.e., markets from which programming originates for more than one chain of transmitters)

The cities in question:

- Calgary, Edmonton, Lethbridge, Lloydminster
- Vancouver, Victoria
- Winnipeg
- Saint John, Moncton, Fredericton
- St. John's
- Halifax
- Charlottetown
- Barrie/Hamilton/Toronto, Kitchener, London, Ottawa/Gatineau, Thunder Bay, Windsor
- Montreal, Quebec, Riviere-du-Loup, Rouyn-Noranda-Val d'Or, Saguenay, Sherbrooke, Trois-Rivieres
- Regina, Saskatoon

The CBC got a last-minute reprieve; most CBC transmitters that would otherwise have been required to convert by Sept. 1, 2011 have been given another year and need not convert until Sept. 1, 2012.

Also, transmitters operating above channel A51 were required to either move to lower channels or reduce power by September 1, 2011. They are not required to convert to digital when they do so, although some have.

Transmitters not falling into the above categories are not required to convert to digital and may continue in analog indefinitely. The CBC has stated their satellite equipment for feeding analog transmitters will reach the end of its life in 2013, and they do not intend to maintain it. Depending on what they mean by that... it is possible all CBC analog transmitters will be closed in 2013. Or it may mean they will continue to operate, but only until they require repairs. (and if the satellite uplink requires repairs, all of the analog transmitters will be closed)

Most transmitters required to be converted were in fact converted, and their analog facilities silenced. The exceptions:

- Sun TV in Ontario was already operating in digital, but closed last year to convert to a cable-only operation. CKXT transmitters were in Toronto, Ottawa, Hamilton, and London.
- Miracle Channel in Alberta closed its CJIL-TV-2 transmitter in Burmis. (the main transmitter in Lethbridge was converted)
- CBC transmitters in London (CBLN-TV), Kitchener (CBLN-TV-1), Foymount (CBOT-1), and Chatham (CBLN-TV-3) moved to channels below A52 but continue to operate in analog.
- Radio-Canada transmitters in Windsor (CBEFT) and Sarnia (CBLFT-17) moved to channels below A52 but continue to operate in analog.
- CBC transmitters in Forestburg (CBXT-12), Digby (CBHT-7), and Truro (CBHT-8) reduced power, so they would be allowed to continue to operate on channels above A51.
- Radio-Canada transmitters in Digby (CBHFT-6), Kitchener (CBLFT-8), London (CBLFT\_9), and Lac-Etchemin (CBVT-4) reduced power, so they would be allowed to continue to operate on channels above A51.
- The CBC transmitters in Spillimacheen (CBUBT-6) and Barrie (CBLT-1) were closed.
- The Radio-Canada transmitters in Barrie (CBLFT-11) and Ste.-Famille (CBVT-2) were closed.
- The CTV Two transmitters in Calgary (CIAN-TV) and Edmonton (CJAL-TV), and the Global transmitter in Fort Erie (CIII-TV-55) were closed.

The following CBC transmitters are still operating in analog but will be closed on September 1st unless the CBC changes their mind and decides to convert them (not likely):

- CBC:  
Lethbridge (CBRT-6), Moncton (CBAT-2), Quebec (CBVE), Saguenay (CBJET), Sherbrooke (CBMT-3), Trois-Rivieres (CBMT-1), and Saskatoon. (CBKST)



- Radio-Canada:

Calgary (CBRFT), Lethbridge (CBXFT-3), Fredericton (CBAFT-10), Saint John (CBAFT-1), St. John's (CBFJ), Halifax (CBHFT), Thunder Bay (CBLFT-18), Charlottetown (CBAFT-5), and Saskatoon. (CBKFT-1)

When the Radio-Canada analog transmitter in Quebec City (CBVT, channel A11) was closed, the English-language CBC station (CBVE) took over that more-powerful transmitter.

The CBC transmitter CBAT in Saint John reduced power and installed a directional antenna, to prevent coverage of the provincial capital Fredericton. It appears this will lead the government to allow this transmitter to continue in analog indefinitely. A new (digital) transmitter was installed in Fredericton, also with the call letters CBAT, on channel A31.

The CBC transmitter in Yellowknife (CFYK-TV) and the Radio-Canada transmitter in Rimouski (CJBR-TV) are not required to convert but have been converted. Other stations that have converted without being required to by the government:

- Tele-Quebec transmitters: CIVA-TV Val d'Or & Rouyn-Noranda; CIVB-TV Rimouski & Grand-Fonds; CIVC-TV Trois-Rivieres; CIVG-TV Sept-Iles; CIVK-TV Carleton, Gascons, Perce, and Gaspé; CIVM-TV Montreal; CIVO-TV Gatineau (Ottawa); CIVP-TV Chapeau; CIVQ-TV Quebec City; CIVS-TV Sherbrooke; and CIVV-TV Saguenay. The article and other sources say all Tele-Quebec transmitters have been converted, but the government database shows no technical facilities for a digital transmitter for CIVF-TV Baie-Trinite.

- Radio-Canada CKRT-TV Riviere-du-Loup and its six additional transmitters. (CKRT-TV-1, 2, 3, 4, 5, 6)

- TVA CIMT-TV Riviere-du-Loup and its seven additional transmitters. (CIMT-TV-1, 2, 4, 5, 6, 7, 8; note this station has one transmitter in New Brunswick, and there is no CIMT-TV-3)

- TVA CHAU-TV Carleton and its eight additional transmitters. (CHAU-TV-1, 3, 4, 5, 6, 7, 8, 9; note there is no CHAU-TV-2)

- V CFTF-TV Riviere-du-Loup and its eleven additional transmitters. (CFTF-TV-1..11; again, note this station has a transmitter in New Brunswick)

- TVO transmitters in Chatham (CICO-TV-59), Belleville (CICO-TV-53), and Cloyne. (CICO-TV-92)

- CTV Toronto's transmitter in Peterborough. (CFTO-TV-54)

- CKWS Kingston's transmitter in Brighton. (CKWS-TV-1)

These transmitters operated above channel A51 and needed to move to lower channels; it was decided to convert them to digital at the same time.

Global has announced plans to convert all its transmitters by 2016. (except for the Fort Erie transmitter which has been closed) Global transmitters which have not already converted:

Sault Ste. Marie (CIII-TV-12); Timmins (CIII-TV-13); Bancroft (CIII-TV-2); Peterborough (CIII-TV-27); Sarnia (CIII-TV-29); Owen Sound (CIII-TV-4); Sudbury (CFGV-TV); and North Bay. (CFGV-TV-2).

Global's stations outside Ontario:

Halifax (CIHF-TV) (already converted to digital on A08) and its transmitters:

in Nova Scotia at Truro (CIHF-TV-4), Wolfville (CIHF-TV-5), Bridgewater (CIHF-TV-6), Sydney (CIHF-TV-7), New Glasgow (CIHF-TV-8), Shelburne (CIHF-TV-9), Yarmouth (CIHF-TV-10), Antigonish (CIHF-TV-15), and Mulgrave. (CIHF-TV-16)

in New Brunswick at Fredericton (CIHF-TV-1, already converted on A44), Saint John (CIHF-TV-2, already converted on A12), Moncton (CIHF-TV-3, already converted on A27), Woodstock (CIHF-TV-11), St. Stephen (CIHF-TV-12), and Miramichi (CIHF-TV-13)

on Prince Edward Island at Charlottetown. (CIHF-TV-14, already converted to digital on A42)

Quebec City CKMI-TV and its transmitters in Sherbrooke and Montreal. These have already converted to digital on channels A20, A11, and A15 respectively.

Winnipeg CKND-TV (already converted to digital on A40) and its transmitter CKND-TV-2 Minnedosa.

Regina CFRE-TV (already converted to digital on A11) and its transmitter CFRE-TV-2 Fort Qu'Appelle.

Saskatoon CFSK-TV (already converted to digital on A42)

Calgary CICT-TV (already converted to digital on A41) and its transmitters CICT-TV-1 Drumheller and CICT-TV-2 Banff.

Edmonton CITV-TV (already converted to digital on A13, after a temporary operation on A47) and its transmitter CITV-TV-1 Red Deer.

Lethbridge CISA-TV (already converted to digital on A07) and its transmitters in Burmis (CISA-TV-1), Brooks (CISA-TV-2), Coleman (CISA-TV-3), Waterton Park (CISA-TV-4), and Pincher Creek. (CISA-TV-5)

Vancouver CHAN-TV (already converted to digital on A22) and its extensive transmitter network in British Columbia: Chilliwack (CHAN-TV-1), Bowen Island (CHAN-TV-2), Squamish (CHAN-TV-3), Courtenay (CHAN-TV-4), Brackendale (CHAN-TV-5), Wilson Creek (CHAN-TV-6), and Whistler. (CHAN-TV-7)

Kelowna (CHKL-TV), Penticton (CHKL-TV-1), Vernon (CHKL-TV-2), and Revelstoke. (CHKL-TV-3)

Kamloops (CHKM-TV) & Pritchard. (CHKM-TV-1)  
Revelstoke (CHRP-TV-2)  
Chase (CHSH-TV-2)  
Santa Rosa (CISR-TV) & Grand Forks (CISR-TV-1)  
Prince George CFIG-TV  
100 Mile House CITM-TV & its transmitters at Williams Lake (CITM-TV-1) and Quesnel. (CITM-TV-2)  
Trail CKTN-TV and its transmitters at Castlegar (CKTN-TV-1), Taghum (CKTN-TV-2), Nelson (CKTN-TV-3), and Creston. (CKTN-TV-4)  
Kelowna CHBC-TV and its transmitters at Penticton (CHBC-TV-1 & CHBC-TV-7), Vernon (CHBC-TV-2), Oliver (CHBC-TV-3), Salmon Arm (CHBC-TV-4), Enderby (CHBC-TV-5), Canoe (CHBC-TV-8), and Apex Mountain. (CHBC-TV-9)  
Kenora CJBN-TV

Yes, there are two Global transmitters at Kelowna. CHBC carries local Kelowna news, CHKL relays Vancouver. This also affects Vernon and Penticton, where there are transmitters of both stations.

Except for the stations which have already converted, the digital technical facilities for these transmitters do not yet appear in the Industry Canada database.

A number of transmitters in Alberta have been shut down although not required to do so by the government:

- Provost & Wainwright (CKSA-TV-3, CKSA-TV-4, and two transmitters of CITL-TV, callsigns unknown)
- Bonnyville & Meadow Lake (two transmitters of CITL-TV, callsigns unknown. The CKSA transmitter at Bonnyville, CKSA-TV-2, continues in analog.)

Two completely new transmitters have been recently authorized in southern Ontario:

- Channel A35, Hamilton, 25kw (CHCJ-DT)
- Channel A42, Fonthill, 5kw (CKVP-DT)

Both are transmitters of CTV Two (CKVR-TV), Barrie. To my knowledge neither transmitter is operating yet.

Transmitters not listed above should be assumed to be continuing to operate in analog with their previous facilities.

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## LPFM OPPORTUNITIES EXPANDED CONTINUED FROM PAGE 24

First Nations ("Indian tribes") were not initially on the list of entities allowed to hold LPFM licenses. The Commission is considering adding them to the list. They are also considering allowing them to control multiple LPFMs (in the same way state governments are allowed) provided those stations are on tribal lands.

Finally, the Commission is asking whether the requirements for local programming on LPFMs should be firmed up.

Right now, in the comparative process, an applicant gets one preference point for promising to program their station locally at least 8 hours a day. They're considering doubling this preference to two points. Given how few ways there are to earn points, this will make a significant difference. The Commission is also considering simply requiring all LPFMs to program some minimum number of hours locally.

### - Conclusion:

Who knows? The LPFM service has been full of surprises... I know we'll be seeing a number of technical change proposals; I'm sure we'll see a *pile* of new LPFM applications soon. (probably late this year) We will also see many of the 6,500 pending translator applications processed. A significant majority will be dismissed. About all I can predict is that the FM dial will look different in two years!

Doug Smith

## **LPFM Opportunities Expanded**

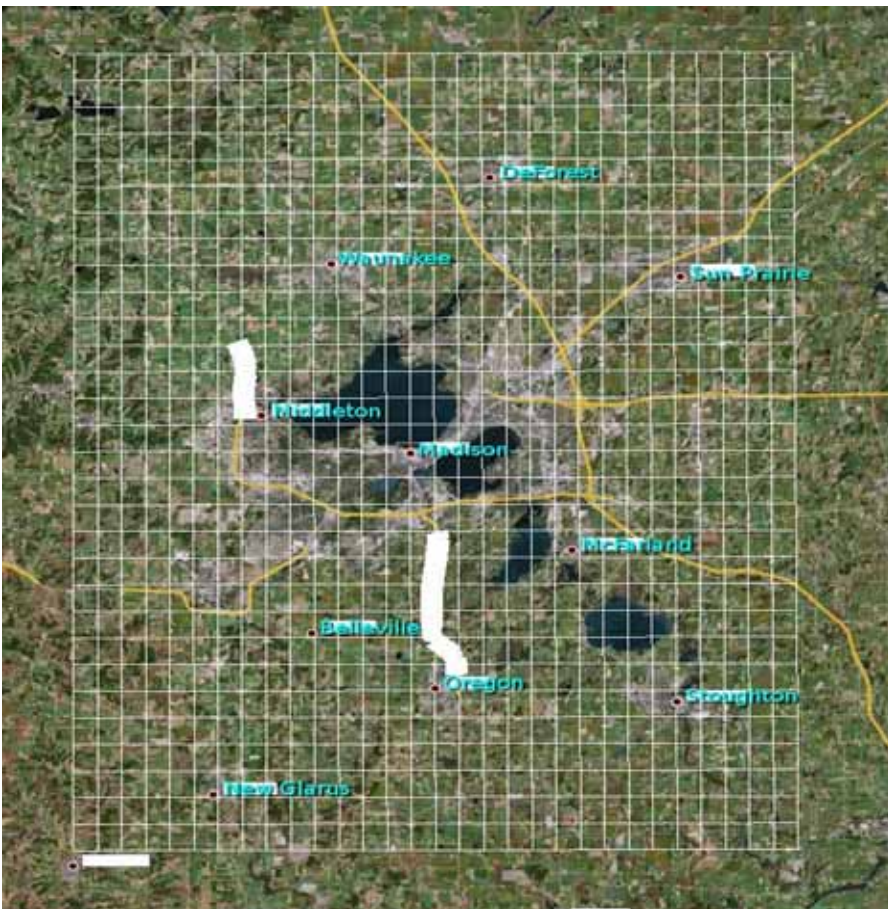
Doug Smith

On March 19<sup>th</sup>, the FCC released two documents that will pave the way for licensing of new LPFM stations. They will also eventually allow the Commission to finish processing over 6,500 FM translator applications which have been pending since 2003.

### **- Translator applications will be dismissed to preserve spectrum for LPFM:**

Of course, LPFM and FM translators compete for the same spectrum. If all pending FM translator applications were processed, in the vast majority of markets no LPFM would be possible. But the Local Community Radio Act requires the FCC to make LPFM licenses available. Decisions needed to be made as to which translator applications could be processed without making LPFM impossible.

The FCC has run a LPFM spectrum availability study. For each Arbitron radio market, they established a 31-by-31 grid, with lines at each minute of longitude & latitude, centered on the central city of the market. See below the 31x31 grid for Madison, Wisconsin, from Google Maps:



The populations were calculated within this 31x31 grid, and also within a 21x21 grid. In top-50 markets, if the population within the 21x21 grid exceeded 75% of that within the 31x31 grid, further calculations would use the smaller grid.

(the idea being that in some densely populated markets, there might be plenty of LPFM channels available in the outer areas of the 31x31 grid, but nobody lives there. The Commission intends for LPFMs to be available in places where people actually live. One might think this would be found most often in the largest markets and/or rural West. In fact, the two markets with the highest population concentrations in the 21x21 grid are New Orleans and Milwaukee...)

At each line junction (there are 961 in the 31x31 grid, 441 in the smaller grid) they evaluated each of the 100 FM channels to see if a fully-spaced LPFM would be possible at that location. If so, they added one “LPFM channel” to the market. (if there *already* was an authorized LPFM on that channel at that location, it counted as a LPFM channel)

For each radio market, they then determined whether it was “Spectrum Limited” or “Spectrum Available”. To be “Spectrum Available”, there had to be some minimum number of available LPFM channels – that “minimum number” depends on the market size:

<u>Market rank</u>	<u>Minimum number of LPFM channels for "Spectrum Available"</u>
1-20	8
21-50	7
51-100	6
101-150	5
Smaller markets where more than four translator applications are pending	5

They found 77 markets were "Spectrum Limited", 79 were "Spectrum Available".

In the "Spectrum Available" markets, at least the above minimum number of LPFMs will still be possible even after all translator applications are processed.# The Commission will process all translator applications in these 79 markets.

# not all of these translator applications will be granted; some of them may be mutually-exclusive with each other.

In the "Spectrum Limited" markets, translator applicants must show that granting their application won't limit opportunities for new LPFMs. It's expected most applicants won't be able to demonstrate this; their applications will be dismissed.

For what it's worth, the largest market found to be "Spectrum Available" was #24, Charlotte. Other Top 50 "Spectrum Available" markets were Riverside (CA), Cincinnati, Orlando, Raleigh-Durham, Nashville, Greensboro/Winston-Salem, and Oklahoma City.

Of course, these 31x31 grids do not cover the entire country. Translator proposals outside any grid will be required to show they do not preclude LPFM at their location.

**- Translator applications will be limited for multiple-station applicants:**

The Commission has decided to establish caps on the number of translator applications they will process. They will process no more than 50 applications per applicant, and no more than one in any given market. Applicants which have more than 50 on file, or more than one in any given market, will be given an opportunity to voluntarily dismiss those applications they wish to not be processed. If they don't, the Commission will process the applications that were filed first, and dismiss the rest.

(they noted that, nationally, only 20 applicants filed more than 50 applications. They also noted that one applicant was responsible for 25 of the 27 applications within 20km of Houston; two applicants were responsible for 66 of the 74 applications in the New York City market...)

**- Translator side notes:**

When the FCC agreed to allow FM translators to relay AM stations, they limited this permission to translators that were already authorized (held a license or construction permit) as of May 1<sup>st</sup>, 2009.

They have decided that any translators which had been *applied for* as of May 1<sup>st</sup>, 2009, if granted, may be used to relay AM stations.

It was also noted that the Commission is likely to revise its FM translator rules again before the next permit auction is held. (so, they dismissed several proposals to change translator rules in the current proceeding, noting changes that didn't affect LPFM will be addressed later)

**- 3rd-adjacent protection changes:**

First, a few notes about interference protection... There are, basically, three standards the FCC uses to determine whether a new FM station (or translator, or LPFM) will cause interference to existing stations:

**1. Distance.** It's assumed that a station of a given class will not cause interference to another station if its transmitter is some minimum distance from that other station. For example, if new Class C station WBBB is at least 290km (180mi.) from existing Class C station WAAA, it is assumed WBBB does not interfere with WAAA.

**2. Contours.** The FCC publishes tables that, given power, antenna height, and distance, predict how much signal a FM station will deliver at a distant point. This is statistical – if the “F(50,50)” curves predict WCCC will deliver 67dBu at 30km, they mean WCCC's signal will be 67dBu or stronger at least 50% of the time at at least 50% of locations at that distance. The “F(50,10)” curves may show 73dBu – this means WCCC's signal is 73dBu or stronger 10% of the time.

Under contour protection, the FCC assumes that if their curves predict a potentially interfering station does not deliver a signal more than 20dB weaker than the interference “victim” more than 10% of the time, there will be no interference. If WCCC is predicted to deliver 71dBu 50% of the time, and WDDD is predicted to deliver 46dBu 10% of the time, it is presumed WDDD does not interfere with WCCC.

**3. Actual interference.** If an actual listener (not an employee of the affected station) complains of interference, there's interference. Even if both distance separation and contours suggest no interference should exist.

Generally, #1 is used for commercial full-power FM stations. A station will not be authorized unless it's a minimum distance from other stations it could potentially interfere with; on the other hand, once that station is authorized, it's authorized; if actual interference happens (for example, due to strange terrain), well, that's tough. #1 has also been used for LPFM stations in the past.

#2 is generally used for non-commercial full-power FM stations in the 88-92 band. #3 is used for FM translators.

OK, that's out of the way.

#### **- 3rd-adjacent protection changes: (for real this time)**

When the LPFM service was first created, the FCC didn't establish any limits on the use of third-adjacent channels – those separated by 0.6MHz from existing stations. If 94.3 was in use by a full-power station in Clarksville, Tennessee, 94.9 could be used by a LPFM without limits. However, Congress (after considerable NAB lobbying) required the FCC to establish the same limits on 3rd-adjacents that apply to 2nd-adjacents. (separation of 0.4MHz)

This greatly limited the availability of channels for LPFM. For example, in the Nashville area, 94.9 and 103.9 would be excellent channels for LPFM – except that both are third-adjacent to full-power stations.

Congress changed its mind, and ordered the FCC to relax the 3rd-adjacent restrictions. Obviously the Commission did not object!

There are however some limits. 3rd-adjacent restrictions are in the US-Canada and US-Mexico treaties; stations near the border will still be restricted with regard to foreign operations. (“near the border” is not defined in the FCC release but I believe it means within 320km/200mi)

Also, the use of frequencies that are 3rd-adjacent to stations running a radio reading service (for the visually-impaired) on an analog subcarrier are subject to the old restrictions. This isn't likely to be much of a problem as most radio reading service stations are non-commercial and in the 88-92 band, where few LPFMs exist.

Finally, Congress' LCRA does require that LPFM operation on 3rd-adjacents be subject to interference determination method #3 – if there are actual complaints of bona-fide interference, the 3rd-adjacent LPFM must mitigate it, going off the air if necessary.

#### **- 2nd-adjacent waivers:**

The Commission has already been issuing waivers to allow the use of 2nd-adjacent frequencies by LPFMs. (Nashville's LPFM WRFN-LP has such a waiver, allowing it to



operate on 107.1, tucked between WNFN-106.7 and WRVW-107.5)

They're asking what the rules should be for these waivers going forward. Should they be subject to:

- Nobody living in the interference area? (happens far more often than you might think)
- Contour (method #2) protection, instead of the distance (method #1) protection that currently exists?
- Only available if no fully-spaced channel is available?
- Only if it improves spacing to the nearest co-channel or first-adjacent station?

**- Gotta love Congress:**

The LCRA also requires the Commission to use interference protection method #3 for any new LPFM (including those fully spaced) with regard to any full-license station licensed to a "significantly populated State" with a population of more than 3,000,000 and a population density of more than 1,000 people per square mile.

How many such states do you think there are? If you answered *one*, you'd be right....

Full-power stations licensed to communities in New Jersey are entitled to extra protection. Even if their transmitters are located outside the state. (100.3 and 105.9 Newark come to mind – didn't 88.3 WBGO also recently move to a site in New York City?)

The FCC notes that if Puerto Rico were a State, it would also qualify. They also note that in some regulatory contexts, Puerto Rico is a State. They ask whether PR should receive statehood for the purpose of this regulation.

**- Change LPFM classes?:**

The existing rules allow for LP100 stations, limited to 100 watts ERP at 30m, and LP10 stations, limited to 10 watts. The Commission has yet to hold a filing window for LP10 stations, so at this point there are none.

They're asking whether the LP10 class should be deleted altogether. They're also asking whether they should create a LP250 class. This would differ from LP100 in authorizing 2.5 times the power, and in greater minimum separation distances. They ask whether there should be further restrictions:

- Allow LP250 throughout a market, or only in fringe areas?
- Allow LP250 only if full spacing is possible?
- Allow existing LP100 stations to upgrade to LP250, but don't allow any *new* LP250 stations?

**- Miscellaneous:**

Due to the nature of Armstrong's superheterodyne circuit, if two stations in the same area are separated by 10.6 or 10.8MHz, there is a risk cheap radios will pick up a mix of those two stations on *every dial position*. For that reason, the FCC requires a minimum distance separation between stations separated by 10.6/10.8MHz. A Class A station on 92.1 must be at least 10km from one 10.8MHz away on 102.9.

This restriction is also applied to LPFMs. However, it is not applied to FM translators of less than 100 watts power. (which is probably why there are so many 99-watt translators...) The Commission is asking whether they should delete this requirement for LPFMs running less than 100 watts.

The existing regulations do not allow an entity to own a LPFM if they control any other type of broadcast station. (there is an exception for state governments) It's legal for a FM translator to relay a LPFM, but the translator must be controlled by an independent party.

The FCC is considering lifting this restriction, allowing LPFMs to own their own translators.

**CONTINUED ON PAGE 20**

# PHOTO NEWS



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

April 2012

Here's some photos gleaned from the WTFDA Forums. We start with Christopher Dunne of Pembroke Pines, FL. Back in June after seeing Dominican Rep. on 4 and 5, he saw a French channel 4 fade in with "Creole" text. Based on my own research, this was Télé Éclair in Port-au-Prince. I located a website for this channel that runs a looping VHS-taped segment followed by an ID, and although the ID is poor, the logo matches. Plus I saw the very same "Casami" commercial! (Casami is a Haitian company that sells appliances, generators, and Jialing (Chinese) motorcycles, of all things). This is the only reception that I've seen (certainly only photos I've seen) of this station. Congrats, Chris!

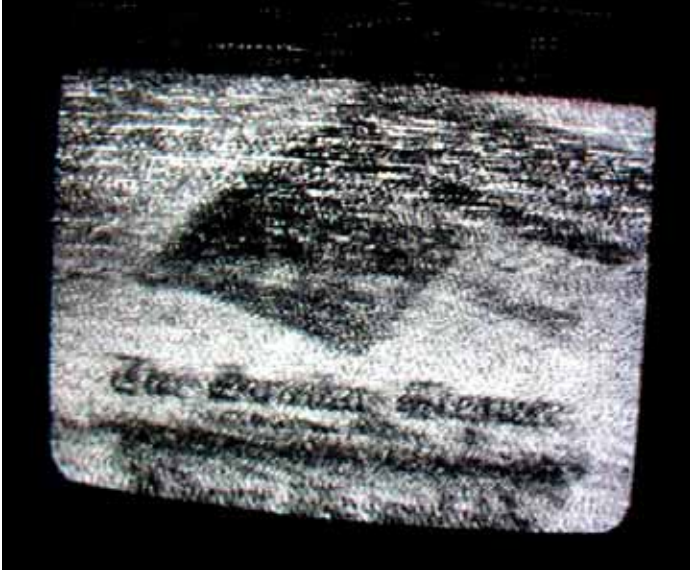


Télé Éclair-4, Port-au-Prince, Haiti  
710 mi Es seen 6-3-11

Ad on Télé Éclair-4



Chris also picked up what was likely CVM-4 Jamaica, with a brief ad for the "Sunday Gleaner", a newspaper there:



CVM-4t Jamaica  
590 mi Es seen 6-3-11





YSU-4 San Salvador, ES  
1020 mi Es seen 8-8-11  
"4 in an eye"



HRLP-4 San Pedro Sula, HND  
875 mi Es seen 8-8-11  
"Telecadena 7 y 4"



Venevision-4 Maracaibo?, VEN  
1190 mi Es seen 8-8-11



YNFA304-4 Managua, NIC  
1025 mi Es seen 12-1-11



HRCV-3 Tegucigalpa, HND  
942 mi Es seen 12-1-11  
"Telesistema logo"



WMOR-19 Lakeland, FL  
165 mi Tr seen 12-17-11  
Kumquat Festival?! – jk  
Local WSFL off

More from Chris next month.

73's, JEFF

## 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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Tropospheric ducting season is here – I hope. Winter is over and weather is warming, quickly. For most of us, that usually means tropo will soon begin. Unfortunately, for me last year was disappointing with just a few scattered openings that yielded little. Let's hope this year is better.

So far, the tropo season seems to be off to a slow start. The usual indicators of openings – like the APRS map – have been rather quiet. Sure, there have been a few openings, but they have not produced much for VHF hams – just a handful of contacts exceeding 400 or 500 miles. The peak of the season in my part of the country is usually mid-April, in which I might work deep Floridians, far into Texas, or if things really heat up, into Mexico on 2 meters (144 MHz). I am still waiting. The best opening I have seen reported came St. Patrick's weekend as a nice swath of the Plains States got some propagation, though it was narrow and short-lived.

The lack of tropospheric propagation has been, at least partly, made up by the reappearance of Trans-Equatorial Scatter ("TEP") on 6 meters. TEP has been rare over the past few years since the Solar Flux Index ("SFI") has been low. This fall that began to change as Cycle 24 ramped up and sunspots reappeared on the surface of the Sun. Though SFI has dropped from its high numbers in October and November, some TEP has been popping as we approach the Spring Equinox. For the most part, it has been routine – here in Memphis, the occasional Argentine has been worked. For hams in Florida, those stations are an almost-daily occurrence. But there have been a few surprises. In February, some 6 meter operators got paths into the Pacific. Where I live mid-Continent, that is very rare, indeed. That's why I was surprised (OK, *very* surprised) to work FK8CP in New Caledonia early in the morning on the 23<sup>rd</sup> UTC. At over 7800 miles, this is one of my most-distant 6m contacts and a new country. And, it was a surprisingly-easy contact. I suspect this QSO was TEP-to-Es linking, as prior to hearing FK8CP via CW, I had been working Arizona, New Mexico and Texas QRP. I had to quickly change radios as 5 Watts would not have been sufficient for the trip south, I am sure. Earlier that day, a WTFDA member in South Carolina had been hearing Argentina on 6m while also hearing much closer-in stations like Guantanamo (which I really need). That was also a likely candidate for such linked propagation.

TEP may continue sporadically for next month, or so. In the past, April has been one of my best months for deep South Americans. But if the SFI continues trending down, the best part of the season may be over. If some sporadic-E to the south pops up, though, more linking trans-continental is possible. Those Es paths can – and often, do – begin as early as April. So, hope remains alive.

\* \* \*

Sporadic-E Season is almost here! In just over a month, 6 meters should be heating up with big signals and easy contacts. For new hams, or those new to the band, it can be very exciting. And, for the hobbyist already accustomed to VHF, it will feel very familiar. Now is the time to get ready. If you have any questions about how to get started, please feel free to contact me. 6 meters is a forgiving band – even modest stations can be quite effective. Give it a try this year!





# Coast to Coast TV DX

Featuring reports from the entire United States and all of Canada.

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

Nick Langan

1040 Riverview Drive

Florence, NJ 08518

E-mail: [nickl@wtfda.org](mailto:nickl@wtfda.org) (East) [wtvdx@wtfda.org](mailto:wtvdx@wtfda.org) (West)

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## *The Editor's Note*

We hinted here last month that March could be a warm one, and that certainly came to fruition east of the Rockies (who knew we were such great weather forecasters?). Temperatures that smashed records were commonplace across the northern plains, Great Lakes, and northeast. Despite the historic temperature anomalies, there was very little tropo to go along with them, other than a couple of minor openings in Ontario and Quebec and along the east coast. The left coast meanwhile did not cash in on the warmth, as conversely much of the west had below normal temperatures for the month.

Surely this warm March is a harbinger of a hot and tropo-filled summer to come, right? As Lee Corso would say, not so fast my friends. There is very little correlation historically between warm temperatures now and in the summer, and in fact in several years, the opposite took place. Still, cooler weather does not completely rule out tropo, and conditions should only improve from here on out as we move into the spring. Stay close to the dials.

A tip of the hat to Chris Dunne in Florida for his receptions via either TEP or F2 of a pair of TV 2s from Brazil and Peru on February 29. Simply amazing. Check out his report below, and also hear audio of his receptions over at the WTFDA.info forums.

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### **Chris Dunne**

Pembroke Pines, FL

#### Week of 2/19-2/25 Tr

3 CUBA Cubavision, Santa Clara, in/out many days

4 CUBA Canal Educativo, La Habana, around sign on 8:30 am

4 CUBA Tele Rebelde, Camaguey?, baseball

5 CUBA Tele Rebelde, Santa Clara, in/out many days

DT 9 AL Mobile WALA, PSIP "FOX 10", NEW (now that WINK moved to 50)

9 CUBA Cubavision, Matanzas

13 CUBA Tele Rebelde, Matanzas, u/WPEC DT snow

DT 14 WPDS-LD FL St. Petersburg

14 CUBA Canal Educativo, Santa Clara, around 8:30 am sign-on

26 CUBA Multivision, Santa Clara?, Animal Planet's "It's Me or the Dog" dubbed in SS

DT 45 WJTC FL Pensacola, NEW

45 CUBA Tele Rebelde, location unknown

#### 2/24 Tr from Mile Marker 35.1 of US 1

\*\*\*Too many analog channels from Cuba to list a few were very strong and clear\*\*\*

#### 2/29 TEP?? F2?? Still not 100% sure!

2 BRAZIL – TV Brasil, location unknown, but

verified per JoninFN03/Henrik; mentions of

"Almanaque Brasil" & "Estudio Movil" 2030-2100 UTC – NEW

2 PERU – Frecuencia Latina, Lima – reinforced by Jon/Henrik; "Bienvenida la Tarde" program, on my YouTube page [www.youtube.com/cd637299](http://www.youtube.com/cd637299) - 2640 miles 2100-2130 UTC, NEW

2 unID – sound only, children's show, travelogue "going to Ecuador", mentioned by Jon/Henrik/Rich McVicar; probably puppets IMO, as R.M. feels that the children's voices are fake....I feel the same, too, about the voice of "Abuela" – approx. 2104 to 2109 UTC

---

### **Robert Grant (N8NU)**

231 E Temperance Rd.

Temperance, MI 48182 (EN81fs)

Channel Master 3020 at 33', Panasonic 50X1 [rg3d@yahoo.com](mailto:rg3d@yahoo.com)

#### 10/23 Tr

0410 **CICO59** 33 ON Chatham EN82 88

**CJMT1** 20 ON London EN92 138

CBLN A23 ON London EN92 138

0950 WJET 24 PA Erie EN92 188



2012 DX

1/1 Es

1640 XEFE A2 TA N. Laredo EL07 1337

2/1 GW

0020 **WPXD** 50 MI Ann Arbor EN82 50  
(new – Southfield TL)

Pretty slim, Eh? Almost no tropo season to speak of, the winter skip season lasted all of 10 minutes, and even now, with 70° weather in March, Cleveland is only in for about 2 hours a day. Well, at least I can boast I have a station on my logbook that very few DXers have - as far as I can tell, the station was on the air one or two days! WPXD's channel 50 construction permit joins such legends as CBUVT and WHII as cases where a transmitter plant was built, but the station never began regular programming. Ion went through a lot of effort to move its Detroit market station from channel 31 at a tower west of Ann Arbor to the Southfield tower farm, had to apply for two different channels (they wanted 19 but Canada said no), and then take a long time to get approved for channel 50. It seems strange that they would actually get a channel 50 signal on the air, only to shut it down hours later. I figure they wanted to "plant their flag" on 50, for future bargaining power, but also decided to stay on 31 (where they still broadcast from Chelsea) just in case they lose 50 to wireless and may only be able to keep a channel if they transmit from Chelsea.

**Dennis Park Smith**

3605 San Remo Dr  
Santa Barbara, CA 93105-2523  
Telephone [\(805\) 687-7803](tel:8056877803)  
Times 24-hour PDT

This report is for most of February Leap-Year 2012. Conditions have remained mostly dry, calm, and stable, allowing some tropo. Ocean temp was a little cooler at about 55F. Low air temps in 40sF. So-Calif coastal tropo to San Diego/Tijuana/Tecate up to 220 mi:

Feb 7	None	Rain
Feb 8-9	Var. poor-fair	Warm again
Feb 9 eve-10	Good	Warmer yet-80F
Feb 11-16	None	Windy, cold wx fronts
Feb 16 eve-17	Var. poor-fair	Calm, cool-60s
Feb 18-20	None	Windy, cold wx fronts
Feb 21-23	Var. poor-fair	Calm, warming to 70F
Feb 24-25	Good	Inversion & fog
Feb 26	Very poor	Some wind, cooling – 60F
Feb 27-29	None	Unsettled, showers

Feb 14 Es

2020 PST for about 3 minutes, analog chs 2-3, Spanish, no IDs.

A year ago in Jan 2011, Don Voegele & I drove to Santa Ynez Mountains over Santa Barbara up to 4,000 feet ASL where we saw some analog signals on battery TVs. We also sought DTV but electric inverter for house did not operate in my car. Don did rewiring in my car and inverter now works. We tried again in these mountains on Feb 25 2012 with good results. Equipment was inverter, LG 20" flat-screen TV, VHF bunny ears, UHF 4-bay conical. Here is what we saw, analog & DTV. Underlined are signals not previously seen, either in mountains or in town (SBarb).

San Diego good tropo ducting, SE, miles  
All SD/Tijuana stations are same as listed in Feb 2012 VUD, along with: 56 (analog) XHUAA-relay? Tecate? Different programming this time than 57 XHUAA Tijuana 200 mi. I haven't seen Ch 56 for most of a year. Lower power now? Different operation now? Or, IF OFF, different station? Different location?

Los Angeles area, E, miles  
All LA stations, same as seen in town, plus these:  
6 KSFV-CA L.A. Almavision 90? (This only on car radio 87.7 in spots)  
d18 KSCI Long Beach "18" Asian 90 (Rarely seen in or around SBarb)  
d26 KVCR-TV San Bernardino "24" PBS 130? (Not ever seen before)  
d46 KTAV-LD Altadena "35" Gospel 90 (The only LD seen from there)

Santa Maria analog, ant to NE, miles  
30 KDFS-CA S.M. Azteca America 45  
(S.M. is NW. A reflection?)

San Luis Obispo, NW, miles  
d15 KSBY S.L.O. "6" NBC 85

Fresno area, N, miles  
15 KFVD-LP Porterville Daystar 115  
16 KHSC-LP Fresno HSN 160  
d20 KFTV-DT Hanford "21" Uni 180  
d30 KFSN-TV Fresno "30" ABC 180

(From old analog days on battery TVs to now, many Fresno signals have been regulars in these SBarb mountains, in spite of the distance.)

Best of DX to All Dennis

**WTFDA and NRC CONVENTION 2012**  
**BRIDGEPORT, WVA**  
**August 3,4,&5**



Days Inn and Suites at 112 Tolley Drive, Bridgeport WV  
Call 304-842-7371 to reserve rooms before July 20<sup>th</sup>.  
Room rate \$79.94 including tax. Please mention NRC to get this reduced rate.

Registration \$45.00. Spouse registration \$25.00.

Questions/Info email Bill Swiger at  
[ridgeradio@cebridge.net](mailto:ridgeradio@cebridge.net)

## Over-The-Air TV Catches Second Wind, Aided by Web

By Christopher S. Stewart  
Wall Street Journal week of February 19th, 2012  
Submitted by David Mackes

It's cool to have rabbit ears again.

Largely relegated to obscurity decades ago, old-fashioned television broadcasts - over the airwaves and not via cable or satellite - are enjoying an unexpected revival in the digital era.

With an increased array of online video programming now drawing viewers' attention, companies are starting to pitch consumers on complementing online video streamed from the web with broadcast TV signals as a way to save money on cable subscriptions.

If it gains traction, this trend could undercut part of the rationale for selling off TV spectrum in voluntary auctions, approved by Congress on Friday, aimed at freeing up spectrum for wireless broadband.

There are signs that consumers are responding. TV antenna seller Richard Schneider of St. Louis says sales at his company are soaring. Mr. Schneider's Antennas Direct sold 70,000 antennas in January and he expects to double last year's sales of about 600,000. That was up from 400,000 antennas in 2010.

Wal-Mart Stores Inc. recently agreed to sell Mr. Schneider's antennas, the retailer confirmed Friday, joining Best Buy Co., Costco Wholesale Corp. and others.

Mr. Schneider's antennas cost from \$50 to \$150 and he says the typical customer saves \$96 a month by "cutting the cord" on cable or satellite TV, according to a survey his company conducted.

"Every time that Hulu and Netflix enhance their services, our phones light up," said Mr. Schneider, referring to two online video services. (Hulu is an online video service owned by Walt Disney Co., Providence Equity Partners, Hulu employees, Comcast Corp.'s NBCUniversal and News Corp. News Corp also owns the Wall Street Journal.

Others have jumped on the bandwagon. Boxee Inc., which sells a set-top-box that lets people stream online video, offers a \$49 add-on antenna that pulls in broadcast TV signals.

"Many consumers don't realize they can get these channels over the air in HD for free, or for a small fee from your cable provider," said Avner Ronen, chief executive of Boxee.

A variation of this idea came last week from a new service called Aereo, backed by IAC/InterActiveCorp chairman and television veteran Barry Diller. Aereo will start next month a service to stream online local broadcast signals for residents in New York City - where over-the-air reception is difficult - for a monthly fee of \$12.

The value of spectrum used by broadcast TV has been hotly debated in the past couple of years, as the FCC has looked for ways to add spectrum for wireless broadband. Last year FCC Chairman Julius Genachowski said the percentage of viewers watching broadcast over the air has fallen to less than 10%, in contrast to the pre-cable TV days when it was 100%.

While most people get their broadcast channels as part of a pay-TV package that usually includes cable channels, consumers with newer TVs, or an inexpensive converter for old TVs, can receive over-the-air signals from broadcast stations free in areas with good reception. Mr. Schneider says on average that viewers get 30 to 45 channels, as long as they don't live in a canyon or deep valley and are within 65 miles of a transmitting tower.

Cable channels have become the most lucrative part of the entertainment business, mainly because of huge fees paid by cable and satellite subscribers, a cut of which is passed on to the channels. Broadcast stations found it difficult to extract cash payments from distributors until relatively recently. And even now these fees are a relatively small, albeit growing, part of broadcast stations' revenue. SNL Kagan estimates stations will pull in nearly \$1.5 billion in such fees in 2011, compared with \$38 billion in fees for cable channels.

TV executives lately have warned that cable's rising subscription costs may prompt people to cut back. Indeed, in the past 18 months, the number of overall pay-TV subscribers has largely stagnated, after years of steady growth. At the same time, the number of American households wired with only broadband and broadcast TV jumped 23% to 5.1 million in the third quarter of 2011 compared with the year earlier period, according to a recent Neilson study.

"It's not a stretch to think that the broadcast business model will outlive that of cable," said National Association of Broadcasters spokesman Dennis Wharton. "The naysayers can talk all they want about broadcasting being a dinosaur."

The big media companies that own the major broadcast networks are generally eager to preserve the current cable-centric model. Not only do they mostly own big portfolios of cable channels; media outlets also haven't figured out how to generate advertising revenues from on-line outlets in the same proportion as off-line. So, the shift of viewers from traditional TV to the Web could hurt ad revenues.

"There are a lot of moving parts," said Perry Sook, CEO and president of Nexstar Broadcasting Group, Inc., which owns a few dozen local TV stations. In a cord-cutting world, Mr. Sook sees the advantage to broadcasters of fewer channels - even against greater online competition - but worries that the potential ad revenue wouldn't make up for lost subscription fees.

### **2012 SPRING MIDWEST GTG**

**MAY 4-6 2012**

**ROLLA, MISSOURI**

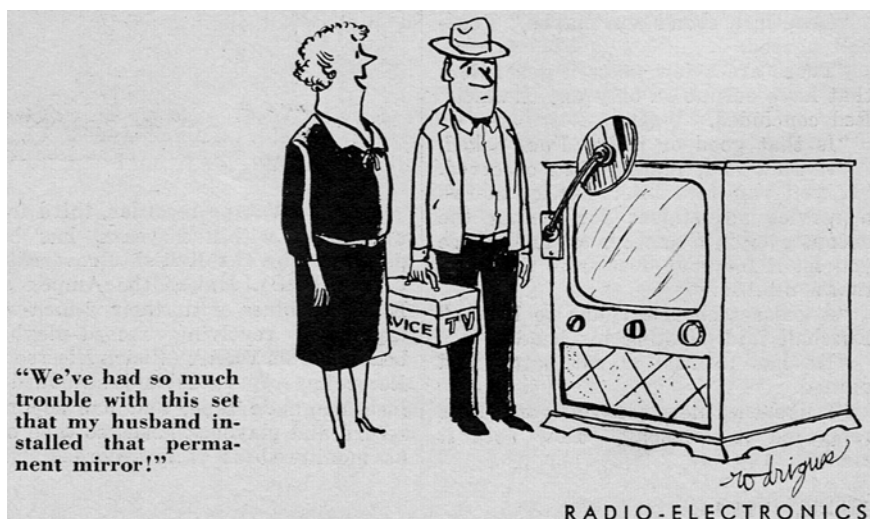
The 2012 spring midwest GTG will be held at the Budget Deluxe motel 1908 N. Bishop Ave, Rolla, MO located on the southside of I-44 EXIT 186 at the junction of Highway 63, about 100 miles SW of St Louis. This is the same location we had our first midwest GTG in 1993. This is a nice motel for the price as far as I know, fridge and microwave in every room.

Rolla is a college town of about 20,000 home of KTTR 1490 and 4 FM stations owned by Results Radio. Also 2 FM stations at Univ of Missouri Rolla Campus, plenty of eating places within one half mile of motel. A possible tour of KFLW FM 98.9 in St Roberts MO about 25 miles down I-44, also visit to stations in Salem MO. We are getting the word out early so many will have a chance to plan for it in advance.

For those wanting to make a reservation the phone number is 573-364-4488. Most of the activity will be Saturday May 5th. For more information contact John Tudenham at 417 624 8058. or E mail me at

[jotud@yahoo.com](mailto:jotud@yahoo.com)

John Tudenham





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