

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JUNE 2012

The Magazine for TV and FM DXers



**SKIP SEASON BEGINS...EVENTUALLY**  
Websites Go Down and Websites Come Up Again  
NRC/WTFDA Convention 2012 Approaches

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# THE WORLDWIDE TV-FM DX ASSOCIATION

*Serving the UHF-VHF Enthusiast*

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



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JUNE 2012



### STILL WAITING

If you were waiting for some skip to arrive, you are probably still waiting. I'll be writing off May as a complete loss. Waiting for a skip signal on ch2 to peak up to an S3 on the Icom and then drop off the cliff isn't my idea of a bang-up opening. But that's the way it has been in May unless it turns around after the Memorial Day weekend. *That would be nice!*



Perhaps one of these days we will all be seeing Es on all of our televisions like Jeff Kadet saw on his TVs when he took this photo.

### RENEWALS

During the period of 4/23 through 5/16 we saw renewals come in from Jon Hamilton (ON), Mike Ehrhardt (NY), Christian Ferland (QC), Matt Lanza (FL), Aaron Mitterling (IN), Tim Clampit (MI), Fritze Prentice (AR), Michael Beu (TX), Mike Glass (IN), Fred Nordquist (SC), Barry Shinall (VA), Gary Hickerson (OK), Larry Kenney (CA) and Roger Gravelle (ON). THANK YOU ALL for your support of WTFDA!

### WEBSITE PROBLEMS

Yes, we've had our share. It started back in January when some really evil people hacked the Dreamhost servers. Soon after that happened, various websites hosted by Dreamhost began to be infected by malware introduced by the hackers. Eventually it got into our Forums and our website through the .php coding the sites were made of. Both of our sites went down and we moved them away from Dreamhost to another host. The forums were dis-infected completely, upgraded and patched. The website did away with Joomla and reverted to good old HTML.

The Forums are back in business and picking up where it left off when it got contaminated with malware. The wtfda.org site has been rebuilt and most all of the information that was there before is back there again. This time, though, the site is easier to get into because no registration is necessary now.

### THAT DARN GRAPH

The graph is back again and continues to show a downward slide but the good news is that it has been a year since we announced that we were going all electronic in our VUD publishing. This means that those who really want to be here are still here and that we have most likely hit bottom. And the only place to go from here is up! See you all next month!





# TV News

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**June 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*)



**PUERTO RICO**

Mayaguez	32 W32DZ	PG>15kw, 18-19-07/ 67-10-48
San Juan	20 WSJN-CD	PR>10kw dismissed, reinstated, and granted
San Juan	26 W26DK	PR<600w, 18-16-32/ 66-05-41; PG



**USA**

**Alabama**

Birmingham	43 WBMG-LP	DR 3kw, 33-29-04/ 86-48-31; CL from Moody
Dothan	5 WJJN-LP	CX
Mobile	30 W30BX	PR>15kw, 30-43-34/ 88-09-06
Somerville	29 WMJN-LP	DR 14kw

**Alaska**

Bethel	15 K15AV	DC 100w
Delta Junction	31 K10OB	DR from 10, 230w
Dillingham	16 NEW-lpdtv	AF 2.5kw, DCC for K05KF
Girdwood Valley	12 K12MM	DR 120w; DG
Homer	8 NEW-lpdtv	AF 176w; DCC for K02IB
Kenai	10 K10NC	DR 94w; DG
Kenai River	4 K04DS	DR 68w; DG
Ninilchik	27 K27AI	DR 110w, 60-00-39/ 151-42-38; DG

**Arizona**

Bullhead City	3 K03IL	DG from K02HR, 21w
Cottonwood	40 K40AD	DR 12.6kw; DG
Globe	27 K27KS	XR 33-20-31/ 110-52-12; XG
Payson	22 KPSN-LP	DC 3.3kw
<b>Phoenix</b>	<b>17 KPHO-TV</b>	<b>PR&gt;1000kw/ 530m, non-DA</b>
Prescott	34 K34EE	DR 1.6kw dismissed, refiled, and granted
<b>Tolleson</b>	<b>14 KPPX-</b>	<b>QR from 51</b>
<b>Arkansas</b>		
El Dorado	21 KCIB-LP	DC from 5, 1.1kw
Fayetteville	21, NEW-lpdtv	AF dismissed
	40,	
	41,	
	49	
Fort Smith	48 K48FL	DR 1.44kw
Paris	35 KRAH-CD	DG from 49, 140w

**California**

Barstow	36 K36JH	DR 4kw
Greenfield	20 KSCZ-LD	XR 37-11-05/ 121-33-13
Inyokern	6 KLOA-LP	CC from K06OL
Lucerne Vly.	17 K17KD	DR 330w
Lucerne Vly.	33 K33DK	DR 15kw
Monterey	40 NEW-lpdtv	AF dismissed (DTV America 1)
Monterey	43 KMCE-LD	DG 15kw
Monterey	51 NEW-lpdtv	AF dismissed (Jeff Chang)
<b>Rancho Palos Verdes</b>	<b>50 KXLA</b>	<b>QR from 51</b>
Salinas	22 KLFB-LD	XR 36-32-05/ 121-37-14; XG
Ukiah	17, K17CG, 27, K27EE, 31 K31GK	DC 2.24kw
Yreka	30 K30JS	PG>3kw

**Colorado**

Anton	44, K49EX, 50 K51HS	QC from chs. 49, 51, 445/ 421w
Breckenridge	26, K26GY, 28 K28HI	DR 100w/ 45w; DG
Collbran	2, 4, K02OP, 6, K04OM, 11, K06KJ, 13 K11PS, K13RD	DR 2w/ 2w/ 4w/ 5w/ 5w, 39-14-35/ 107-57-53; DG
Colorado Springs	38 KJCS-LD	PG>11kw
Gateway	4 K04KG	DR 5w; DG
Grand Junction	39, K39AF, 41, K41AE, 43 K43AB	DR 750w/ 500w/ 750w; DG
Jacks Cabin	36 K36LX	NW 167w, 38-48-37/ 106-54-30
Julesburg	18, K55JC, 22 K57JE	DC from 55/ 57, 200w
Julesburg	20 K20KO	NW 140w, 40-54-19/ 102-22-32
Mesa	31 K31DW	DR 800w; DG
Sterling	47, K52EW, 49 K56GL	DC from chs. 52, 56, 250w
Sweetwater Creek	36 K36DB	DR 80w, 39-38-01/ 106-32-09; DG
Wray	39, K56HG, 41 K58GV	DC from chs. 56, 58, 189w
<b>Connecticut</b>		
Stamfort	19 W27CD	DR from 27, 7.9kw, 40- 45-26/ 73-42-52; CL from Stamford (sic)
<b>District of Columbia</b>		
Washington	27 WETA-TV	PR<73kw; PG
<b>Florida</b>		
Defuniak Springs	24 WWEO-CD	DG 1.95kw
Fort Myers	31 WGCU	PR>297kw/274PG
Live Oak	48 WFXU	PR>1000kw/ 279m, 30-27-40/ 82-39-18
<b>Marianna</b> <i>Orlando</i>	14 WBIF 36 WZXX-CA	QR from 51 PR<1kw, 28-34-07/ 81-13-55; PG
Palm Beach	43 WTCN-	DR 15kw
Sarasota	39 WLWN-	DC from 24, 5kw
Sebastian	24 W24DZ	NW 15kw, 27-43-09/ 80-34-41
Stuart	48 WWHB-	DR 2.1kw
<b>Georgia</b>		
Cordele	18 WSST-	QR from 51
Helen	26 WHTD-	CC from WNGM-
<b>Hawaii</b>		
Hilo	34 K34HC	DR 15kw; DG
Honolulu	19 KIKU	AF 40.2kw/ 525m (aux)
Honolulu	27 KAAH-TV	PR>630kw/577 amendment from 1000kw
Honolulu	38 KALO	PC<96.6kw
Kailua Kona	25 KLEI-TV	PC 5.5kw/ 825m
<b>Idaho</b>		
Coeur d'Alene	41 K41FJ	DR 2.7kw
Rexburg	13 K13UF	XG 43-48-04/ 111-46-37
Sandpoint	49 K24DW	DC from 24, 512w
<b>Illinois</b>		
Arlington Heights	24 NEW-lpdtv	AF, DCC for W22AJ, dismissed ROA
Chicago	6 WKQX-LP	CC from WLFM-
Sugar Grove	33 W40CN	QR from 40, 41-56-14/ 88-07-29

<b>Indiana</b>		
Gary	14 WPWR-	QR from 51
Indianapolis	20 WHMB-TV	QR from 16, 530kw/297m; QG; QC
Marion	15 WIWU-	QR from 51
South Bend	42 WNDU-TV	PC>800kw/312
<b>Iowa</b>		
Cedar Rapids	29 KGAN	QR from 51
Davenport	17 KQCT-LP	CC from K61HD
<b>Kansas</b>		
Lawrence	39 KGKC-LD	PR<1kw, 39-07-15/ 94-53-22
Lawrence	39 KGKC-LD	QC from 10, 5kw, 39- 02-17/ 95-23-53; CL from Grantville
<b>Louisiana</b>		
New Orleans	18 WBXN-	DG 4kw
New Orleans	22 WTNO-LP	DR 15kw; DG
<b>Maine</b>		
Portland	32 WMNE-LP	CC from W32CA
<b>Maryland</b>		
Salisbury	7 WNGA-LD	PG<100w, 38-55-38/ 75-25-46
<b>Michigan</b>		
Detroit	23 WUDT-	DC 15kw
Midland	18 NEW-lpdtv	AF dismissed (DTV America II)
<b>Minnesota</b>		
International Falls	38 K38MM	DC from K39GT, 620w
Olivia	47 K47JE	DC 620w
<b>Mississippi</b>		
Calhoun C.	34 W34BJ	DR 15kw
Columbus	20 NEW-lpdtv	AF 15kw, 33-33-00/ 88-23-59 (EICB-TV) reinstated
Columbus	20 NEW-lpdtv	AF dismissed (EICB- TV)
<b>Missouri</b>		
Anderson	44 K44LG	DC from K53IS, 300w
Kansas City	32 KPXE-TV	QR from 51
Kansas City	43 KCDN-LP	DC from 35, 15kw
Monett	38 K38DD	DC 336w
Saint Joseph	26 KNPN-LD	PC>15kw, 39-45-00/ 94-50-25
<i>Springfield</i>	15 K15CZ	PR>27.5kw, 37-10-59/ 93-18-12; PG
<b>Montana</b>		
Chinook	13 K13OU-D	PR<22w; PG
Ekalaka	7, 9, K07EQ, 13 K09BE, K13LN	DC 11w
Ekalaka	23 K23DJ	DC 385w
Grasshopper	7, 9 K07OC, K09MY	DR 26w; DG
Missoula	7 KPAX-TV	PR<648m, 47-01-02/ 114-00-47
Saco	9, K09BX, 12 K12FB	DC 9w, 48-27-46/ 107-25-55
Saco	15 K15AS	DC 67w, 48-27-46/ 107-25-55
Saco	17 K06FI	DC from 6, 67w, 48-27- 46/ 107-25-55
West Knees	11 K11WQ	PG>654w
White Sulphur Spring	6, 7, K06NV, 9, K07NU, 11 K09MH, K11MP	DG 60w/ 90w/ 90w/ 90w
White Sulphur	8 K08LI	DG 90w, 46-27-44/

Spring		110-51-22; DC
<b>Nebraska</b>		
Neligh	32 WIYE-LD	CC from K32HI
<b>Nevada</b>		
Battle Mountain	11, K11IY, 22, K22GM, 32 K32CA	DC 100w
Battle Mountain	42 K42DZ	DC 100w, 40-37-05/ 116-41-21
Boulder City	14/ KBBB-LD 26	CX
Carson City	42 NEW-lpdtv	AF dismissed (DTV America 1)
Elko	15, K15EE, 17 K17DT	XR 40-48-48/ 115-41-56
Eureka	21 K21GJ	DC 100w, 39-30-41/ 115-57-52
Eureka	36, K36KN, 43 K43MT	NW 300w, 39-26-59/ 115-59-52
<b>Henderson</b>	<b>9 KVVU-TV</b>	<b>PR&gt;160kw</b>
Las Vegas	26 KBBB-LD	QR from 14, 10kw, 36- 00-31/ 115-00-17
Las Vegas	26 KNGG-LD	QR from 48
Lovelock	14 K14KQ	DR 1.18kw, 40-10-57/ 118-28-46; DG
McDermitt	50 K50CZ	DC
Pahrump	17, K17CL, 19, K19BU, 24 K24BY	DC 283w, 36-12-29/ 115-58-35
Reno	10 NEW-lpdtv	AF 300w, 39-18-38/ 119-53-01 dismissed & reinstated
Reno	28, NEW-lpdtv 31	AF dismissed (DTV America 1)
Sun Valley	19 KEVO-LD	QR from 40, 500w
<b>New Mexico</b>		
Albuquerque	48 KTFA-LD	DG 15kw
Angel Fire	33 K33FK	DC 360w, 36-33-36/ 105-11-40
Artesia	46 K46FE	DG 2kw
Caballo	31 K31DR	DG 1.5kw
Carlsbad	47 K47FX	DG 2.3kw
Deming	15 K15IG	PR<770w, 32-11-40/ 107-36-26; PG
Farmington	19 K19CM	DG 1kw
Fruitland	17 K17LP	NS 15kw, 36-41-46/ 108-13-13 (Native American Christian Voice)
Lordsburg	29 K29DP	XC 32-19-40/ 108-43-35
Socorro	10 K10MG	DC 50w
<b>New York</b>		
Smithtown	23 WFTY-	PC>655kw/219
<b>North Carolina</b>		
Asheville	50 WASV-LP	CC from W50CZ
Boone	24 NEW-lpdtv	AF 15kw, 36-14-10/ 81-42-24; DCC for WLNN-LP?
Boone	24 WLNN-LP	DR 15kw
Franklin	11 W11AJ	DR 80w; DG
Greenville	39 WEPX	QR from 51
Hendersonville	31 W31AZ	DG 4kw
High Point	35 WGHP	NS 52.2kw/ 299m (aux)
Lenoir	49 WTBL-LP	DR 7kw; DG
<b>North Dakota</b>		
Fargo	35 K35KD	DG 15kw
<b>Ohio</b>		
Chillicothe	46 WWHO	PR<286m, 39-56-14/ 83-01-16 (WSYX-6 tower, Columbus)

<b>Oklahoma</b>		
Ardmore	41 KCYH-LP	DC from 53, 15kw
<b>Cheyenne</b>	<b>8 KWET</b>	<b>PC&gt;60kw</b>
<b>Oklahoma City</b>	<b>14 KSBI</b>	<b>QR from 51</b>
<b>Tulsa</b>	<b>11 KOED-</b>	<b>PC&gt;47kw</b>
Tulsa	29 KTZT-CA	DC 10kw, 36-09-19/ 95-59-27
<b>Oregon</b>		
Baker City	20 K20IV-D	PC>5kw
<b>Bend</b>	<b>17 KOHD</b>	<b>QR from 51</b>
Bend	43 KUBN-LD	XG 44-34-45/ 121-09-09
Black Butte Ranch	32 K64AO	DR from 64, 189w
Camas Valley	23 K23ME	NW 500w, 43-00-06/ 123-46-32 (KEZI-9)
Canyonville	43 K43DI	DG 132w
Elkton	23 KEZI - 0507AAA	AF 340w, 43-37-16/ 123-32-04; DRT for ch. 9 Eugene
Eugene	40, NEW-lpdtv 42	AF dismissed (WatchTV)
Hood River	28,3K28CQ, 4, K34KE, 50 K50CE	DC
Madras	16 KOAB - 0329ACL	NW 630w, 44-34-45/ 121-09-09; DRT for ch. 11 Bend
Madras	24 K58BK	DC from 58, 540w
Madras	38 K63CC	DC from 63, 630w
Madras	40 K40MP	DC from K69BI, 630w
Midland	19 K19HH	PG>3kw
Milton	35 K35FO	DC 435w, 45-49-55/ 118-15-37
Milton	40, K40FM, 51 K51DF	DC 1kw, 45-49-55/ 118-15-37
Oakridge	11 K11SZ	DC 186w
Oakridge	25 KEZI - 0516ACS	AF 1.1kw, 43-44-30/ 122-26-01; DRT for ch. 9 Eugene
Phoenix	47 K47LD	PG>3kw
<b>Portland</b>	<b>10 KOPB-</b>	<b>PG&gt;46kw</b>
Powers	34, K34KL, 38, K38LB, 40, K40KI, 42 K42IS	DC from K61EH, K64DA, K66DG, K69AM, 554w
Prineville	35 K35LD	DG 1kw
Prineville	44 K44AH	DC 115w
Richland	8 K08KW	DC 10w
Rockaway	20 K20HT	DC 975w
<b>Roseburg</b>	<b>19 KPIC</b>	<b>PC&gt;292m</b>
Scottsburg	15 K15JG	NS 500w, 43-38-50/ 123-49-25; DCC for K06IO; NW
The Dalles	18 K18HH	DG 1kw
<i>Tillamook</i>	26 K26HS	XR 45-12-51/ 123-45-11; XG; XC
Tillamook	43 K43EJ	DG 1kw
<b>Pennsylvania</b>		
Greenburg	49 WQVC-CA	AF 15kw, 40-18-57/ 79-39-22; DCC for analog ch. 28
Harrisburg	49 WGAL - 0329ACU	NW 15kw, 40-20-44/ 76-52-07; DRT for ch. 8 Lancaster
<b>Philadelphia</b>	<b>42 WTXF-TV</b>	<b>PC&gt;620kw</b>
<b>South Carolina</b>		
Anderson	50 WNGS-LP	CC from W50CL
Beaufort	19 WLOW-	CC from W19CH
Myrtle Beach	17 W17CY	QG from W34CQ, 15kw, 33-35-45/ 79-03-11
<b>South Dakota</b>		
Aberdeen	39 K39CZ	DG 2.28kw
Rapid City	27 NEW-lpdtv	AF dismissed (Casey Peterson)
Rapid City	40 K40GS	DR 4kw; DG



Watertown	32 K32DK	DG 2.28kw, 44-51-56/ 97-06-21
Tennessee Kingsport Knoxville	22 WKPT-CD 32 WEEE-LP	DC 3.5kw PR<40kw, 39-59-44/ 83-57-23; see text
Memphis	27 WPXX-	QR from 51
Texas Amarillo	18 K18HL	DR 4kw, 35-18-53/ 101-50-47; DG
Amarillo	38 NEW-lpdtv	AF 4kw, 35-18-53/ 101-50-47; DCC for K45IQ
Austin	14 KBVO-CD	QR from 51
Bastrop	45 KHPB-CA	DR 158w; DG
Brownsville	20 KVTF-CA	DR 500w
Brownsville	20 KXFX-CA	CC from KVTF-
Corpus Christi	26 NEW-lpdtv	AF dismissed (Armando Murillo)
El Paso	14 KTFN	QR from 51
Fredericksburg	44 KHPF-CA	DR 45w
Georgetown	28 KHPX-CA	DG from 28, 15kw
La Grange	40 KHPL-CA	DR 43w; DG
Lingleville	43 K43MX	NW 15kw, 32-16-09/ 98-18-51
Longview	38 KCEB	QR from 51
Mineral Wells	21, K21KJ, 26 K26KC	NW 15kw, 32-51-05/ 98-06-31
Round Rock	15 KHPZ-CA	DR 67w; DG
San Angelo	43 KZSA-LP	DR 9kw
San Antonio	9 KLRN	PG>28kw; PC
San Antonio	40 KISA-LP	DC 3kw
San Marcos	40 KHPM-CA	DR 34w; DG
Utah Ogden	14 KULX-CA	QR from 51
Randolph	31, NEW-lpdtv 33, 35	AF dismissed
Vernal	32, K32HV, 34 K34JB	PG>170w
Vermont Windsor	28 W21CN	DG from 21, 960w
Virginia Arlington	15 WFDC-DT	PC>1000kw/ 227m
Chesapeake	23 WITD-CA	DR 1.48kw; DG
Harrisonburg	36 NEW-lpdtv	AF dismissed
Mappsville	36 WPMC-CA	DR 90w, 37-50-32/ 75-34-17; DG
Roanoke	5 W05AA	DC 97w
Staunton	43 WSVF-CA	CC from WAZM-
Virginia Beach	35 WCTX-CA	DR 115w; DG
Wytheville	41 WLFB-CA	CX
Washington Grays River	38 K38GS	DG 1kw
Sunnyside	13 K13WP	DG 3kw
Walla Walla	46 K46FL	DC 1kw
West Virginia Morgantown	33 WNPB-TV	PG>168kw; PC
Wisconsin Madison	23 W23BW	PR<24.1kw
Mayville	43 WWRS-TV	PR>600kw (supercedes permit for 725kw); PG
Milwaukee	8 WMVS	PR>32kw/357
Milwaukee	17 WYTU-LD	PG 15kw
Milwaukee	24 WMLW-CD	DG from 41, 15kw
Milwaukee	38 WBWT-	DR 13.4kw; DG
Tomah	35 WIBU-LP	DR from 51, 15kw

Wyoming

Meeteetse 17 K65BW DR 1.3kw, 44-12-44/  
108-51-30

Thanks to Robert Seaman, Trip Erickson, and Bill Hepburn for information appearing elsewhere in this column.

Log those Canadian analogs *fast*; by the time you read the next *eVUD*, they're likely to be gone.....

***The CBC is planning to shut down all remaining analog transmitters at the end of July.***

The CRTC asked them nine questions about their plans, These are paraphrased below:

**1. How many people will lose access to CBC TV because they don't subscribe to a BDU? ("BDU" = cable/satellite/IPTV)**

*Based on data from the BBM, (Canada's "Nielsen" ratings) the CBC believes 98% of Canadians either subscribe to a BDU or live within the coverage area of one of the transmitters which has already been converted to digital.*

**2. How much revenue does the CBC believe it will lose over the next three years as a result of closing these transmitters?**

*The CBC is assuming the closure of these transmitters will have no effect on advertising revenue.*

**3. How much does it cost the CBC to operate these transmitters?**

*For all affected transmitters, the CBC has been spending \$3.8 million/year for electricity; \$5.3 million for operational costs; \$1.5 million for overhead (tower rent?); for a total of \$10.7 million. The CRTC was provided with specific figures for each transmitter.*

**4. Please elaborate on the assertion that the existing analog infrastructure cannot be maintained.**

*Most of these transmitters were installed between 1977 and 1984. The CBC asked the government several times for funds to update this network, and were denied.*

*At least four of the transmitter manufacturers are no longer in business. The Tandberg satellite equipment used to distribute the CBC signal to the transmitter sites has been discontinued.*

*The analog shutdown in the U.S. has resulted*

in a shortage of parts for analog transmitters in Canada. In some cases prices have doubled.

The CBC estimates the cost of replacing the obsolete analog gear at \$56 million or more.

(DS note: While I'm certainly not familiar with any possible special modifications in the CBC network, I am quite familiar with the satellite equipment cited. While it has been discontinued, suitable modern substitutes are available and in many cases is less expensive than the gear they replace.

I note that no mention has been made of converting these sites to digital.)

## 5. Have alternative solutions been discussed?

Shaw, who operates one of the satellite TV providers in Canada, recently purchased Global TV, Canada's 3rd-largest TV network. Such transactions in Canada require provision of some kind of financial "tangible benefits" to the Canadian public.

Shaw is spending \$15 million to provide free local-channel service to viewers who will no longer receive the CBC via terrestrial transmitters. Earlier discussions have suggested a local-channel only service would be provided with no monthly charge; viewers would be required to purchase the receiving equipment and pay for its installation.

## 6. How will the CBC ensure viewers know what's happening?

A publicity campaign will begin on the 25<sup>th</sup> of this month and continue through August 3<sup>rd</sup>. Besides announcements on the Internet and press releases, the CBC will assign a national reporter to cover the story during the week of July 23<sup>rd</sup>. They will schedule PSAs to run locally on the CBC's radio stations from July 23<sup>rd</sup> through August 3<sup>rd</sup>. A hotline and an email address will be provided.

## 7. How much will it cost BDUs (cable/satellite/IPTV systems) to replace OTA pickup of the CBC with satellite pickup in areas where no CBC transmitter will exist?

The CBC's DTV stations will be available at no charge on its leased satellite transponders. BDUs will need to acquire a HD satellite receiver for approximately \$5,600. Arrangements have been made to make suitable receivers available on an expedited basis.

(DS note: we have recently purchased a receiver I believe would be suitable for approximately half the cited cost.)

For some reason, it was here where the CBC noted that they have canceled their leases on these transmitter sites effective July 31<sup>st</sup>.

## 8, 9: Two additional questions were asked about five specific stations, for which the CBC's intent was not obvious.

CBET Windsor, CKSH Sherbrooke, CKTM Trois-Rivieres, and CKTV Saguenay have already been converted to digital and will continue to operate. CFYK Yellowknife will convert on August 1<sup>st</sup>; on that date, its relay transmitters across the territories will be closed.

Another collection of analog transmitters, all in Ontario, will also close on August 1<sup>st</sup>; TVO is the educational network in that province. One full-power low-band VHF transmitter is involved. The stations are:

39	Hawkesbury	CHLF-TV-2*
48	Hawkesbury	CICO-TV-96
13	Huntsville	CICA-TV-13
44	Kenora	CICO-TV-91
38	Kingston	CICO-TV-38
42	McArthur's Mills	CICO-TV-93
6	North Bay	CICA-TV-6
12	Owen Sound	CICA-TV-12
42	Parry Sound	CICE-TV-11
17	Pembroke	CHLF-TV-13*
29	Pembroke	CICE-TV-16
51	Penetanguishene	CICA-TV-51
18	Peterborough	CICO-TV-74
20	Sault Ste. Marie	CICO-TV-20
19	Sudbury	CICO-TV-19
25	Sudbury	CHLF-TV-1*
7	Timmins	CICA-TV-7

\* These are the three full-powered French-language stations. The statement doesn't say whether they're affected but I'd pretty strongly suspect they are.

## In the USA:

Note that 14 full-power stations and three Class A operations propose to move from channel 51 to lower channels, often channel 14. Actually, the stations don't know about this yet (grin).

Trip noticed several new applications in the FCC database, all with the rather cryptic callsign "WTB". The technical parameters for each "WTB" record correspond exactly to those of a full-power or Class A station operating on channel 51.

Actually, "WTB" isn't a callsign. It's the acronym for the FCC's Wireless Telecommunications Bureau. This is the

bureau that regulates channels 52 and up. Clearing channel 51 of TV stations will reduce the risk of interference to the new users of channel 52.

The stations listed are not all the stations operating on channel 51. I might guess the FCC has not yet completed finding new channels for the remaining channel 51 operations.

The listed coordinates for WEEE-LP in Knoxville are near Springfield, Ohio; I strongly suspect this is a typo. If it was actually 35-59-44 (not 39-59-44) the site would be in the Knoxville tower farm.

An application has been filed to add a second transmitter to KEMO-TV Santa Rosa, California, creating a two-site Distributed Transmission System (DTS):

*KEMO-TV 32 Santa Rosa, California:*

DTS1 50kw/930m 38-40-10/122-37-52  
Mt. St. Helena  
DTS2 200kw/472m 37-45-19/122-27-06  
Mt. Sutro, San Francisco

**And for two more in Puerto Rico:**

*WORA-TV 29 Mayaguez, Puerto Rico:*

DTS1 1000kw/634m 18-09-03/66-59-21  
Existing transmitter  
DTS2 1kw/250m 18-16-32/66-05-41  
WIOA-99.9 FM tower south of  
San Juan

*WIPR-TV 43 San Juan, Puerto Rico:*

DTS1 1000kw/776m 18-06-35/66-03-04  
Existing transmitter, but increased power  
DTS2 10kw/250m 18-19-46/65-41-10  
WYAS-FM tower, Luquillo  
DTS3 10kw/519m 18-13-59/65-45-35  
WCCV-DT tower, Utuado

*And a two-site DTS on Oahu, Hawaii is now on the air:*

*KKAI-50 Kailua, Hawaii:*

DTS1 12kw/373m 21-19-23/157-40-53  
DTS2 48.2kw/687m 21-24-22/158-06-01

The FCC has released the first set of rules for DTV channel sharing. As you may remember, this concept is similar to that of DTV subchannels. Indeed, from a technical standpoint, it's *identical* to the concept of subchannels – the only difference is that the two (or more) subchannels are licensed to and operated by different owners.

**Channel sharing is voluntary.**

No station will be required to split its channel. Stations must decide who they want to share with, the FCC will not assign sharing partners.

At this time, only stations participating in the incentive auction will be eligible for channel sharing. An incentive auction has been proposed that will allow stations to sell their spectrum for wireless use.

In the initial plan, if someone buys a station's

spectrum, that station goes off the air. With channel sharing, that station can "move in" with another station that agreed to auction spectrum as well. Each station gets half the auction proceeds – and gets to stay in business.

***Each sharing station is licensed separately.***

Each station will hold a separate license and call sign. Each station is independently responsible for compliance with FCC programming regulations.

For example, assume WXXX and WYYY share a channel. WYYY decides not to keep a public file. WYYY will be sanctioned with a large fine – WXXX will not be sanctioned.

Each sharing station is entitled to the same must-carry rights on cable & satellite as they'd have if they had their own transmitter.

I have a couple of questions the FCC release doesn't answer...

What happens if there are technical violations involving the shared transmitter?

If one of the partners in a sharing arrangement loses its license (or voluntarily goes out of business) what happens to the other one?

***Sharing makes strange bedfellows***

The FCC decided not to allow LPTVs to engage in channel-sharing arrangements. Only full-power and Class A stations may do so.

Strangely enough, they may share with each other. The Commission has not yet decided what to do with the technical rules if this happens. (as the vast majority of full-power stations use *far* more power than is allowed for a Class A.)

Also, they haven't decided what to do if a Class A that hasn't converted to digital yet volunteers to share. (seems to me the sharing process would inherently require the Class A station to go digital...)

Commercial and non-commercial stations may share a channel. The FCC has not yet decided whether to allow them to share a channel that's reserved for non-commercial use. However, it looks to me as if they're inclined to allow it.

The Commission anticipates future situations where a station may wish to change its city of license in order to move in with a sharing partner whose facility cannot serve the station's existing community.  
Good DX!





# FM NEWS



**BILL HALE**

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JUNE 2012

## INDEX OF ABBREVIATIONS

APP: application	\$: Stereo
APP Mod: Change to an already submitted application	XL: Transmitter Location change to
Class: FM license class	> : an increase to
CP: construction permit (authority to broadcast with facilities noted)	< : a decrease to
CP Mod: change to an already granted CP	[ ]: Calls in brackets signifies assumed or applied-for status
DA: directional antenna	
FF: French language	

Note: antenna heights are HAAT except where noted

**CC CANADA CC**

### C CALL LETTER CHANGES C

		<u>Old Call</u>	<u>New Call</u>
ON Windsor	102.3	CJNR-FM	CINA-FM
SK Weyburn	107.7	CP	CHWY-FM

### C FORMAT and SLOGAN CHANGES C

BC Penticon	100.7	CIGV-FM	> New slogan is <i>Country 100 point 7</i>
ON Thamesville	104.3	CKBK-FM	New station is on with Aboriginal programming
SK Island Lake	106.5	CIFN-FM	New station is on with Aboriginal programming [Island Lake First Nations]



### C TECHNICAL CHANGES C

			<u>Now on the air:</u>
ON Thamesville	104.3	CKBK-FM	50 w-V/25 m, 42-33-51/82-52-28; Class LP; Mono
SK Island Lake	106.5	CIFN-FM	33 w-V-15 m, 54-02-58/109-40-10; Class LP; \$

### C TECHNICAL CHANGES C

			<u>CP granted for:</u>
BC Port Moody	98.7	CKPM-FM	1 kw/>-155 m, DA, XL to 49-16-48/122-49-49; \$ [extension to sign on granted to November 30, 2012]
BC Salmo	91.1	CFAD-FM	60 w/<-574 m, XL to 49-11-10/117-16-59; Class A1; \$; move from 92.1 and upgrade from Class VLP as a Development Community Station



### C TECHNICAL CHANGES C

#### GRANTS FOR NEW STATIONS

			<u>CP granted for:</u>
AB Calgary	95.3	CP	100 kw/180 m, DA, 51-03-57/114-10-17; Class B; \$; format will be AAA/News
NB Fredericton	93.1	[CIHI-FM]	21 kw-V//50 kw-H/150 m, 46-07-07/66-46-28; Class B; \$
NB Miramichi	95.9	CP	25 kw/86 m, DA, 47-03-32/65-34-35; Class B1; \$; will be Country/Talk/News [Newcap]
NB Miramichi	96.5	CP	2 kw-H/35 m, DA, 47-00-43/65-35-15; Class A; Mono; will be non-classic Religious [Mirimichi Fellowship Center]
NB Miramichi	102.5	CP	36 kw-H/103 m, 47-03-32/65-40-05; Class B; \$; will be Country [Maritime Broadcasting System Limited]
NS New Glasgow	97.9	CP	100 kw/246 m,
ON Uxbridge	105.5	CP	900 w/140 m, DA, 44-04-28/79-09-53; Class A; \$; will be Classic Hits
ON Parry Island	91.3	CHRZ-FM	60w/-1m, 45-19-28/80-03-39; English & Ojibwa [Waskausking First Nation]
SK Broadview	105.7	CP	50 w/23 m, ; Class LP; will be Variety/Aboriginal as <i>Kahkewistahaw Radio Station</i>
SK Cowessess	98.1	CP	49 w/25 m,

### C TECHNICAL CHANGES C

#### C APPLICATIONS FROM EXISTING/PROPOSED FACILITIES C

			<u>Applies to:</u>
ON Georgina Island	102.7	CFGI-FM	Change frequency to 92.3 with 650 w/24 m

### C TECHNICAL CHANGES C

#### C PROPOSALS FOR NEW STATIONS C

			<u>Applies for:</u>
BC Lake Cowichan	97.5	APP	AF 50w/26m, community st. to replace developmental st.
NF Grand Bank	103.9	[CIJL-FM]	5 w/-5 m, 47-05-49/55-44-52; Class LP; \$; would be Community/Country
NF Rocky Harbor	98.1	APP	50 w/; Community; would be // CHBB-FM 95.9 Norris Point

NS Pictou	97.9	[CKEZ-FM]	100kw/246m, 45-32-24/62-56-44 (same tower as CKEC-FM 94.1); classic rock; will presumably bump CILM-FM Truro. Listed in CRTC decision as New Glasgow.
ON Collingwood	102.9	[CFMO-FM]	23 kw/255 m, DA, 44-28-41/80-19-40; had been approved, but they were required to find a different frequency than what they first applied for
ON Rockland	92.5	APP	300 w/60 m, 45-31-27/75-17-30; Class A; \$; would be AC
ON Stouffville	102.7	CIWS-FM	675 w/138 m, 44-01-29/79-21-00
<b>C DISMISSALS C</b>			
AB Calgary	xx.x	-----	Application for a nested repeater for CHQR-770.
QC Percé	97.3	-----	Application for 50 w; would have been // CFMV-FM 96.3 Chandler

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

**C CALL LETTER CHANGES C**

	<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>
AK Palmer	95.5 CP	KMVN	NC Williamston	90.5 CP	WTGX
AR Greenland	101.5 CP	KFMD	NY Brewster	88.5 CP	WANR
CO Alamosa	91.9 KAVI	KLZR	NY Honeoye Falls	95.1 WFXF	WQBW
CA Coachella	103.5 CP	KPST-FM	NY Milford	88.5 WUWO	WUOW
CO Ridgway	103.7 KBNG	KSNN	NY New York	98.7 WRKS	WEPN-FM
CO Rifle	90.9 CP	KRJK	NY South Bristol Township	107.3 WHTK-FM	WODX
FL Green Cove Springs	107.3 WJGH	WWJK	OH Fredericktown	98.3 WWMM	WMAN-FM
FL High Springs	88.1 CP	WUBA	OH Shelby	100.1 WMAN-FM	WSWR
FL Pensacola	100.7 WJLQ	WCOA-FM	OK Tahlequah	90.9 CP	KLAB
GA Tallulah Falls	91.7 WHTD	WNGM	PA Lawrence Park	92.7 CP	WEHP
ID Jerome	102.9 KMXV	KZNO	PA State College	88.3 WXFR	WKDN
KS Nashville	88.1 CP	KYNA-FM	TN Norris	106.7 WRJK	WFGW-FM
MI Tuscarora Township	95.3 WGRL	WWSS	TX Alpine	90.3 CP	KBAL-FM
MI Pickens	105.9 WZNO	WRKS	TX El Campo	96.9 KXGJ-FM	KXBJ-FM
MO Sarcoxie	89.5 KITG	KCKJ	TX O'Brien	100.1 CP	KZOB-FM
MT Hamilton	98.7 KBQQ	KHKM	TX Paris	91.9 CP	KQPA-FM
MT Lakeside	94.3 CP	KOLK	TX Wellington	97.5 CP	KZWE-FM
MT Lewistown	107.9 CP	KFMT	TX Victoria	89.3 KXBJ	KXGJ
NE Humboldt	90.1 KNHU	KNIT	UT St. George	107.3 KSNN	KIYK
NH Milford	88.7 CP	WUMV	VA Shawsville	102.5 CP	WBZS
NM Ranchos de Taos	89.5 KCEI	KCEY	WV St. Marys	105.3 WPKM	WOUX
NM Red River	90.1 KRDR	KCEY	WV Wardensville	103.3 CP	WTCF
	then . . . KCEY	KCEI			
NM Tucumcari	90.5 CP	KZTU-FM			

**TRANSLATORS and BOOSTER STATIONS**

**C CALL LETTER CHANGES C**

	<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>
AL Cedar Bluff	100.3 W265CE	W262CD	NV Olinghouse	105.3 APP	KRZQ-1
AK Fairbanks	88.7 K203CT	K204GE	NM El Prado	90.1 KRDR-FM1	KCEI-FM1
AZ Oro Valley	101.7 K272DC	K269FV	NM Sandia	94.5 K298BK	K233CG
AZ Prescott Valley	106.7 KPPV-1	KPPV-FM2	NM Santa Fe	105.5 K220HV	K288GK
AR England (CP to Stuttgart)	100.9 K264BG	K265EO	NY Dansville	104.5 W282AC	W283BR
CA Garberville	91.7 K201HL	K219LS	NC Chapel Hill	107.9 W299AQ	W300CE
CA Redding	93.7 K232DQ	K229CA	NC Durham	97.1 W300AR	W246CG
CA Tularcitos & Carmel	97.3 K217CO	K247BL	ND New England	102.7 K272CV	K274CC
CO Copper Mountain	89.5 K205CO	K208FP	OH Ashtabula	88.7 W219CP	W204CN
CO Estes Park	88.1 K202EG	K210IM	OH Columbus	99.3 W202CC	W257CU
CO Lamar	101.5 K214CO	K268CE	OH Coshocton	88.3 W208AT	W202CE
CO Longmont	102.1 KRKY-3	KRKY-FM3	OH Hillsboro	107.3 CP	W246CA
CO Steamboat Springs	94.1 KEZZ-1	KEZZ-FM1	OH Parma	92.7 W220DM	W224CD
CT Montville	103.3 W235AJ	W277CE	OK Chickasha	89.5 K209DJ	K208FQ
CT New London	99.5 CP	W258BI	OK Ninnekah	102.3 K219KL	K272EY
CT Talcottville	89.5 K209BK	W208BK	OK Tuttle	95.3 K290AR	K237FH
DE Dover	106.7 W292CF	W294BN	PA Bloomsburg	105.9 W291BD	W290CG
FL Orlando	106.3 W239BU	W292DZ	PA Towanda	93.5 W230AP	W228CH
FL Ruskin	104.3 W280EA	W282BB	PR San Juan	101.3 W266BV	K267BL
ID Pocatello	94.5 K296EA	K233CE	SC Greenville	96.3 W239AT	W242BX
IL Champaign	88.3 W201CK	W202CF	SC Sumter	89.1 W205BO	W206BY
IL Havana	107.5 W277AT	W298BH	SD Spearfish	91.5 K216AO	K218FD
IA Cedar Rapids	107.5 K245AE	K298BM	TN McMinnville	97.5 W245BP	W248BM
LA Shreveport, etc	90.7 K212FX	K214BE	TX Lubbock	98.5 K256AX	K253BD
ME Vassalboro	100.7 W263AS	W264CE	TX Mineral Wells	103.3 K278BO	K277BU
MD Cumberland	105.7 W253AB	W289BR	VA Charlottesville	99.1 W201BC	W256BY
MI Hastings	93.3 W225BA	W227CG	VA Fredericksburg	89.5 APP	WWED-1
MI Petosky	102.3 W221BQ	W272CR	WA Auburn	102.1 K229BP	K271BS
MI Sault Ste. Marie	95.1 WUPN-1	WUPN-FM1	WA Hazel Dell	103.5 K224CP	K278BU
MN Ely	90.1 K208CR	K211FR	WA Tukwila	97.7 KOMO-1	KOMO-FM1
MO Lees Summit	107.9 K229AU	K300CH	WA West Seattle	92.1 K201AB	K221FR
MT Great Falls	104.5 K282AV	K283BQ	WV Lewisburg	95.3 APP	WRLB-1
MT Great Falls	107.5 K296GE	K298BL	WY Pine Bluffs	96.3 K243BL	K242CG
MT Lustre	90.9 K217CG	K215FG	WY Rock Springs	90.9 K217DY	K215FF
NV Mesquite	106.7 K268BH	K294BY			

C FORMAT and SLOGAN CHANGES C

AL Camden	90.5	WQLS	Signs on with Black Gospel: <i>R&amp;B Oldies</i>
AK Juneau	100.7	KXLL	> Modern Rock
AZ Flagstaff	103.7	KZGL	> Rock: <i>103 point 7, The Eagle Rocks</i>
AZ Page	93.3	KXAZ	Changes network to Dial Global - Classic Hits: <i>Z 93 point 3</i>
AR Gould	102.5	KOTN	> Classic Country: <i>The Duck</i>
AR Greenland	101.5	KFMD	Signs on with Classic Hits: <i>101 point 5, Classic Hits</i>
AR Nashville	88.5	KTYC	Signs on with a Variety format [University of Arkansas]
AR Salem	100.9	KHOM	Changes slogan to <i>ESPN, KHOM 100 point 9</i>
AR Stuttgart	105.5	KWAK-FM	> Classic Country: <i>The Duck</i>
CA Los Angeles	96.3	KXOL-FM	Changes slogan to <i>LA 96 point 3 FM</i>
CA Mendocino	92.7	KUNK	> Adult Contemporary: <i>Skunk FM</i>
CA Pala	91.3	KOPA	Continues as Variety/News/Talk as they change their slogan to <i>Rez Radio 91 point 3</i>
CA Point Reyes	91.3	KDVZ	Signs on with Christian CHR/Rock: <i>Broken Radio</i>
CA Red Bluff	95.7	KALF	Changes slogan to <i>95.7 The Wolf</i> , as they remain Country
CA Ridgecrest	104.9	KEPD	> Spanish Adult Hits: <i>Juan FM 104 point 9</i>
CA San Luis Obispo	96.1	KSLY-FM	Changes slogan to <i>Sunny Country</i> remaining Country // <i>KSNI-FM 102.5 Santa Maria</i>
CA Willits	93.5	KMKX	Adds Dial Global - Classic Rock network [remains <i>Max 93 point 3</i> ]
CO Alamosa	88.7	KRZA	Adds slogan <i>Connecting Cultures Along The Upper Rio Grande</i>
CO Beulah	94.7	KFVR-FM	Adds slogan <i>Catch The Fever</i> , remaining Classic Rock
CO Durango	101.3	KIQX	> Hot AC, remaining <i>Radio 101</i>
CO Orchard Mesa	97.7	KNOZ	Adds the slogan <i>97 point 7 Knows News Radio</i>
CO Ridgway	103.7	KSNN	> Soft AC: <i>Sunny 103</i>
FL Eustis	90.3	WIGW	Returns to the air with Religious Teaching
FL Fort Lauderdale	103.5	WMIB	> Adult Hits: <i>She 103 point 5</i>
FL Green Cove Springs	107.3	WJGH	> Adult Hits: <i>107 point 3 Jack FM</i>
FL Pensacola	100.7	WCOA-FM	> Talk: <i>Newstalk FM 100 point 7</i>
FL Sarasota	102.5	WHPT	> Talk: <i>Real Raw Radio</i>
FL Titusville	98.1	WNUE-FM	> Tropical: <i>Salsa 98 point 1</i>
GA Tallapoosa	88.7	WEYY	Signs on with Religious Teaching: <i>The Life FM</i> [The Life FM]
HI Pahala	91.7	KAHU	Remains Religion, now with new slogan: <i>KAHU 91 point 7, The Shepherd</i>
HI Volxano	107.7	KKOA	Remains Country, now from Cumulus - Today's Best Country service: <i>KKOA Country 107</i>
ID Jerome	102.9	KZNO	> Sports: <i>ESPN 102 point 9, The Zone</i>
ID Kootenai	106.7	KTPO	> Adult Alternative: <i>Progressive Radio 95 point 3</i>
IL Chicago	87.7	WLFM-LP	> Classic Rock
IL Eureka	98.5	WPIA	Changes their slogan to <i>98-5 Kiss FM</i>
IL Paxton	90.5	WRTK	Signs on with Religious Teaching: <i>The Key FM</i>
IL Pontiac	88.3	WPJC	> Variety: <i>Public Reality Radio</i>
IL Quincy	103.9	WQCY	> Classic Rock: <i>103 point 9 The Fox</i>
IL Springfield	91.9	WUIS	> Talk: <i>My Source For NPR</i> [University of Illinois at Springfield]
IN Plymouth	94.3	WZOC	Changes slogan to <i>Oldies 94 point 3</i>
IN Rensselaer	93.3	WPUM	Continues with their Variety format as they change their slogan to <i>93 point 3, WPUM-FM</i>
IA Keokuk	96.3	KRNQ	> Classic Rock: <i>Rock On The River, 96 Dot 3</i> and is now affiliated with the Dial Global - Classic Rock network
KS Arkansas City	102.5	KACY	> Classic Hits: <i>1025, The River</i>
ME Milbridge	93.7	WRMO	Returns to the air with Adult Contemporary: <i>93 point 7 The Wave</i>
MD Snow Hill	101.1	WAMS-FM	> Oldies: <i>Good Times Great Oldies</i> [Cumulus - True Oldies]
MA Nantucket	97.7	WAZK	Signs on with Adult Alternative
MN Grand Rapids	88.1	WFRF	> Classic Rock
MN Grand Rapids	96.9	KMFY	Remains AC as they change their slogan to <i>Northland's First Choice For Music Variety</i>
MO Bridgeton	100.3	WSGX	> Classic Rock: <i>The Brew 100 point 3</i>
MS Greenville	97.9	WLTM	> Adult Contemporary, remaining <i>Lite 97 point 9</i>
MS Indianola	105.5	WIBT	> R&B Oldies: <i>The Best 105 point 5</i>
MS Leland	102.3	WIQQ	> CHR: <i>Q-102</i>
MS Lexington	102.5	WAGR-FM	> R&B Oldies as they remain <i>Classic 102</i>
MO Adrian	88.9	KYLF	Signs on with Religious Teaching: <i>Bott Radio Network</i>
MO Birch Tree	107.1	KBMV-FM	Changes slogan to <i>NewsTalk 107 point 1, The Point</i>
MO Springfield	101.3	KTXR	> AC: <i>The Gentle Giant</i>
MO Willow Springs	100.3	KUKU-FM	> Classic Country: <i>Cool Country Classics</i> [Dial Global - Classic Country]
MT Hamilton	98.7	KHKM	> Classic Country: <i>98 point 7, The Hawk</i>
NJ Camden	106.9	WWIQ	> News/Talk: <i>IQ 106 point 9</i>
NJ Hazlet	104.7	WPDI	Returns to the air with Ethnic: <i>Radio Asia</i>
NJ Pomona	91.7	WLFR	Returns to the air with a Variety format: <i>Lake Red Radio 91 point 7</i>
NJ Princeton Junction	107.9	WWPH	> Variety
NM Alamogordo	91.7	KUPR	Returns to the air with Southern Gospel: <i>Active Radio</i>
NM Corrales	95.1	KLQT	> CHR and: <i>Channel 95 point 1</i>
NY Copiague	89.3	WGSS	Signs on with Religious Teaching [Calvary Chapel of Hope]
NY Corinth	107.1	WFFG-FM	Remains Country, but with new slogan <i>Froggy 107 point 1, Everything Country</i>
NY Dolgeville	88.1	WVVC-FM	Signs on with Religious Teaching: <i>Adirondack Praise Network</i> [Moody Broadcasting Network]
NY Honeoye	95.1	WFXF	> Classic Rock: <i>95 point 1, The Brew</i>
NY New York	98.7	WEPN-FM	> Sports: <i>ESPN Radio</i>
NY South Bristol Township	107.3	WHTK-FM	> Oldies: <i>Oldies 107 point 3</i>
NC Aberdeen	93.3	WAOG-LP	Returns to the air with Religious Teaching
NC Chadborn	89.9	WZCO	Signs on with a Variety format [Columbus County Schools]
NC East Fayetteville	88.1	WWFJ	Returns to the air with Southern Gospel [Church Planters of America] //

ND Richardton	101.9	KZZQ	WGIW 89.7 Pilot Mountain
OH Coal Grove	97.1	WBVB	Signs on with Talk: <i>NewsTalk 101 point 9</i>
OH Hicksville	106.7	WFGA	Changes slogan to <i>Oldies 97 point 1</i>
OH Fredericktown	98.3	WMAN-FM	> Sports // WKJG-1380 Fort Wayne: <i>ESPN Radio 1380</i>
OH Shelby	100.1	WSWR	> News: <i>WMAN-FM 98 point 3, NewsRadio</i>
OH Zanesville	88.5	WSOH	> Classic Hits: <i>My 100 point 1</i>
OR Diamond Lake	107.7	KBDF	Signs on with Contemporary Christian: <i>Shine FM</i>
OR Medford	93.7	KTMT-FM	Signs on with Oldies
PR Las Piedras	98.3	WZOL	Changes their slogan to <i>93 point 7, Now FM</i> , remaining CHR
SD Watertown	90.3	KJSD	Returns to the air with Spanish Religious: <i>Radio Sol</i>
			Signs on with News/Talk/Classical: <i>National Public Radio/South Dakota Public Radio</i>
TN White Pine	104.7	WLNQ	Adds slogan: <i>Thunder Country 104 point 7</i>
TX Azle	101.7	KTCY	Changes slogan to <i>Baila 101 point 7</i>
TX Dallas	102.9	KDMX	Remains CHR, but with a new slogan of <i>102 point 9 NOW</i>
TX El Campo	96.9	KXBJ	> Contemporary Christian // KSBJ 89.3 Humble
TX George West	93.5	KGWT	> Country: <i>Bronco 93</i>
TX Lovelady	104.3	KHMR	Returns to the air with Classic Rock
TX Lubbock	99.5	KQBR	Changes their slogan to <i>99-5, Blake FM</i>
TX Morton	91.1	KQOA	> Spanish Religious
TX Pineland	99.1	KFAH	Returns to the air with Adult Contemporary [Cumulus - Hits and Favorites]: <i>Best Music Mix</i>
			> Country: <i>100 point 5, The Ranch</i>
TX Refugio	100.5	KRIK	Remains Country, now as <i>Real Country, KRXT 98 point 5</i>
TX Rockdale	98.5	KRXT	Remains Sports: <i>Fox Sports Radio 97 point 5</i> [changes to Fox Sports Radio]
UT Coalville	97.5	KZNS-FM	> Oldies [Dial Global - Oldies Plus]
VT Addison	93.7	WIFY	Returns to the air with a Variety format
VT Brattleboro	107.7	WVEW-LP	Adds Dial Global - Hot AC as network provider
VT Grand Isle	102.3	WIER	Has changed their slogan to <i>US 106, Today's Country</i>
VA Poquoson	106.1	WUSH	Signs on with News/Talk/Variety: <i>Spokane Public Radio</i> [National Public Radio]
WA Brewster	91.9	KPBW	> Adult Hits: <i>Cities 95 point 7</i>
			Signs on with News/Classical: <i>West Virginia Public Radio</i> [National Public Radio]
WA Walla Walla	95.7	KKSR	> Hot AC: <i>The New 95</i>
WV Bluefield	88.5	WVDM	> Adult Alternative: <i>The Avenue</i>
WV Rainelle	95.3	WRLB	
WI Appleton	91.1	WOVM	

### C Translator and LP Facilities C

Carries the programming of:

MI Hamtramck	99.9	W260CB	WCHB-1200 Taylor with Talk/Smooth Jazz
NE Lincoln	94.5	K233AN	KLIN-1400 Lincoln with News/Talk: <i>KLIN NewsTalk 1400 AM</i>
TN Kingsport	100.7	W264BY	WPWT-870 Colonial Heights with Classic Country: <i>Tri-Cities Top Gun</i>

### C OtherNews C

AK Fairbanks	90.7	KWMB	License cancelled; call deleted
AK Fairbanks	92.7	APP	Application for a new station dismissed [loses the bid for this allotment]
AK Fairbanks	94.3	APP	Application for a new station dismissed [loses the bid for this allotment]
AK Kotzebue	103.9	KHZK	Is silent
AK Seward	91.7	KIBH-FM	Is silent
AZ Parker	93.9	KRIT	Is silent
AZ Peach Springs	104.1	APP	Application for a new station dismissed [loses the bid for this allotment]
CA Gualala	88.3	KGUA	Returns to the air with a Variety format
CA Point Reyes	91.3	KDVZ	Is silent
CA Shasta Lake	96.5	KIHP-LP	Is silent
CA Willow Creek	99.5	APP	Application for a new station dismissed [loses the bid for this allotment]
CA Woodlake	90.5	KUFW	Fined \$12,500 for violating the FCC's underwriting laws. KUFW, licensed as a non-commercial educational station, apparently aired commercials in which the content violated the FCC standards for such stations.
CO Clifton	106.9	KMZK	Is silent
CO Lakewood	88.1	KVOD	License cancelled; call deleted
CO Rifle	90.9	KRJX	Is silent
CO Walden	93.1	APP	Application for a new station dismissed
FL Deltona	98.1	WNUE-FM	Changes city of license from Titusville
FL Edgewater	95.3	WLGW-LP	Is silent
FL Eustis	90.3	WIGW	Is silent
FL Key Colony Beach	88.7	WMRG	Is silent
FL Havana	104.9	WHTF	Fined \$4000 for a Public Inspection File violation
FL Lafayette	99.9	WANK	Fined \$4000 for a Public Inspection File violation
FL Port St. Lucie	101.3	WHLG	Fined \$10,000 for Public Inspection File violations
FL Satellite Beach	98.5	WSBH	Fined \$10,000 for Public Inspection File violations
FL Tallahassee	103.1	WVOF	Fined \$4000 for a Public Inspection File violation
FL Tallahassee	106.1	WQTL	Fined \$4000 for a Public Inspection File violation
GA Aragon	107.1	WTSH-FM	Changes city of license from Rockmart
GA Toccoa Falls	89.7	WTRX	Fined \$10,000 for Public Inspection File violations
GA Milledgeville	95.3	WGUR	Frequency change from 88.9
ID Wallace	97.5	KTWD	Is silent
IL Princeton	88.3	WUNT	Is silent
IN Rochester	88.7	WQKV	Changes frequency from 88.5
IA Dunkerton	103.9	KCOO	Is silent
IA Independence	95.3	KQMG-FM	Fined \$10,000 for failing to: maintain operational Emergency Alert System equipment; exhibit required obstruction lighting on the tower; maintain and make available a complete Public Inspection File, and; for operating with unauthorized transmitter output power

KY Hardinsburg	xx.x	WULF	Fined \$5600 for relocating their main studio to two separate locations outside of the boundaries defined in the FCC rules
MD Edgemere	98.3	W252BR	License cancelled; call deleted
MD Myersville	106.9	WWEG	Fined \$2000 for violating the telephone broadcast rule by recording a telephone conversation for broadcast without giving prior notice to the individual being recorded
MD Princess Anne	91.3	WESM	Fined \$10,000 and granted a license renewal for 4 years instead of the usual 8 for failing to retain all required documentation in the Public Inspection File
MD St. Mary-s City	88.1	WGWS	Is silent
MI Alpena	88.9	WGZR	Changes frequency from 89.1
MI Highland Park	88.1	WHPR-FM	Fined \$22,000 for failure to maintain operational EAS equipment, relocation of the transmitter without authorization, and failure to maintain and make available their Public Inspection File
MI Onekama	93.3	APP	Application for a new station dismissed
MI Stephenson	106.3	KMXG	Is silent; has filed a >Silent STA, stating AWMXG has been having significant trouble with its transmitter over the past month, and has been unable to resolve the problem with its transmitter. The company is seeking a new used transmitter, and has located one or two possibilities, which must be shipped and installed. Accordingly, WMXG requests special temporary authority to remain silent until a new transmitter is installed at the station.®
MN Mankato	95.3	K237EX	License and call reinstated
MN Morris	95.7	KKOK-FM	Filed for an STA as they have experienced transmitter problems and have requested to operate at an unstated reduced power level while they Apursue equipment purchase®
MT Bozeman	89.9	KZBN	Is silent
MT Valier	105.7	KWDV	License cancelled; call deleted
NV Amargosa Valley	106.1	KZNV	Changes frequency from 105.9
NM Clovis	102.3	KKYC	Is silent
NY Dannemora	107.1	WNMR	Is silent
NY New York	89.9	WKCR-FM	Fined \$10,000 for Public Inspection File violations
NY Oneonta	104.7	WUWO-LP	License cancelled; call deleted requested by licensee
NC Bunn	104.3	WFXK	Changes their City-of-License from Tarboro
NC Greensboro	90.9	WQFS	Is silent
OH Boardman	107.5	W298BA	License cancelled; call deleted
OH Cincinnati	88.3	WJVS	License cancelled; call deleted after turning in their license [see next item]
OH Cincinnati	88.3	WAIF	Seeks to assume full ownership of frequency after WJVS (above) turned in their license
OH Springfield	89.1	WUSO	Is silent
OH Zanesville	88.9	WSOH	Signs on with Contemporary Christian: <i>Shine FM</i>
OK Woodward	95.9	KZCU	Is silent
OR Baker	95.3	KKBC-FM	The owner of these next three stations, and in the case of KKBC-FM and KUBQ their sister AM stations, has been fined \$25,000 for Public Inspection File violations (KBKR-1490).
OR Elgin	105.9	KRJT	see KKBC-FM
OR La Grande	98.7	KUBQ	see KKBC-FM (KLBM-1450)
OR Madras	89.1	KBYT	License cancelled; call deleted
PR Las Piedras	98.3	WZOL	Changes frequency from 98.9 and City-of-license from Vieques
SD Hot Springs	96.7	KZMX	Fined \$21,500 (along with KZMX-580) for failure to comply with the FCC's main studio, inspection, and equipment rules
TX Elkhart	88.1	KATG	Changes their City-of-License from Athens
TX Farwell	98.3	KICA-FM	Is silent
TX Ganado	104.7	KHTZ	Is silent
TX Kingsland	104.7	APP	Application for a new station dismissed [loses the bid for this allotment]
TX Midland	90.9	KVDG	> Spanish Religious
TX Muleshow	103.1	KMUL-FM	Is silent
TX Palacios	99.7	KROY	Is silent
TX Three Rivers	94.5	KEMA	Is silent
VA Lebanon	107.3	WXLZ-FM	Fined \$20,000 (along with WXLZ-1140 St. Paul), and granted a license renewal for 4 years instead of the usual 8, for failing to retain all required documentation in the public inspection file(s)
WV Bethany	88.1	WVBC	Fined \$6500 for failing to file for license renewal in a timely manner and by discontinuing operation FCC without authority
WY Dayton	102.3	KOWY	Has moved here from 101.1

NEWS ITEM: Channel Spacing Big Battle in LPFM, FM Allocations B Whether and how the FCC should adopt a flexible second-adjacent waiver standard in order to get more low-power stations on the air in urban areas is a huge bone of contention between full-service stations and LPFMs. Low-power FM proponent Prometheus Radio Project is urging the FCC to grant such waivers of the commission spacing rules as one of the recommendations it is making in comments filed to the FCC regarding implementation of the Local Community Radio Act.

AWe estimate that without these waivers, opportunities for low-power radio stations will be cut in half in the top 150 markets,® writes Prometheus, which adds that LPFMs and FM translators should be treated equally when it comes to these waiver requests. The commission has eliminated third-adjacent channel protection for full-service FMs and asked under what conditions it could consider waiving second-channel protection.

NAB says a second-adjacent waiver should be granted only under extremely limited circumstances, calling the LCRA language on such requests an Aunambiguous mandate that LPFM stations receiving such waivers >will not result in interference to any authorized radio service.® The stringent remediation and automatic shutdown procedures for interfering LPFM stations on second-adjacent channels further demonstrate Congress= intent to protect full-power stations, writes NAB.

When the commission does open an LPFM filing window, it's probably going to receive lots of applications from those asking for second-adjacent waivers, including many that don't comply either with LCRA or the FCC's rules. The commission needs to be prepared to address waiver requests that are technically deficient and others that, after approval, result in interference to full-power FMs, writes NAB. Prometheus also asked the commission to give applicants at least six months between the final rules for the next LPFM application window and the start of that window to reduce burdens on LPFMs and make the filing process more efficient.

**NEWS ITEM:** Should the FCC eliminate the 10 watt class of low-power FM stations? -- That's a big question in the debate going on now as public comments are pouring into the FCC over how to make more room for low-power FMs and pending FM translators in all markets. The commission had also asked for public input on whether to eliminate the LP10 class in favor of a class of up to 250 watts at 30 meters HAAT in rural areas as the Amherst Alliance and Catholic Radio Association have proposed. It has never actually licensed any LP10s, having focused on the 100 watt stations first. Rather than eliminating the LP10 class, Prometheus proposes an LP50 service to squeeze-in small stations where they can fit but retain adequate functionality for a small station. The LPFM proponent also supports increasing the power of current and future LPFMs to 250 watts, though upgrades should not occur until after the upcoming application window. Common Frequency supports keeping the LP10 service for areas where an LP100 may not be feasible, like urban areas. With the absence of LP10 service, the immediate central city New York City/Brooklyn area would be deficient of any LPFM service, yet a maximum of 15 translators might be granted to the immediate city, writes Common Frequency, which considers that an imbalance.

The LPFM advocate agrees with Prometheus that the power level of a 10 watt should be bumped to 50 watts to partially bridge the gap between a 10 watt and 100 watt LPFM, noting the LP10's main problem is inability to penetrate ground cover and walls. In contrast, the New Jersey Broadcasters Association calls the LP10 class spectrally inefficient, having an approximate 12-mile service area yet with massive potential for causing interference to full-power FMs.

Using the commission's current standards, the interference contour for an LP10 ranges from over 126 square miles with respect to Class A stations, to over 244 square miles with respect to Class B stations, says the NJBA. In other words, for a service area of a mere 12 square miles, an LP10 carves out an area of interference that is almost 2,000% larger with respect to Class B stations. The result would cannibalize existing radio service in New Jersey, according to the association, which adds the FCC's initial proposal to eliminate the LP10 class was correct. The agency imposed a freeze on the old Class D 10 watt stations in the late 1970s for the same reasons, notes the broadcast association, writing that the FM band is far more cluttered today. The commission has resurrected nearly the exact scheme that, over 20 years ago, it determined failed to serve the public interest, says the NJBA, which also says the FCC has failed to take into account changing listening patterns as the radio audience has embraced mobile devices.

Mobile reception is more challenging. With an indiscriminate invasion of LP10 stations in New Jersey, the mobile listener will typically drive into one or more large areas of interference. They will not tolerate fluctuating signals arising from squalls of interference, as they drive through the signals of LP10 stations scattered through the service areas of full power FM stations, writes NJBA attorney John Garziglia of Womble Carlyle.

**NEWS ITEM:** Best Buy is taking pre-orders for a new HD Radio tabletop receiver, *The Narrator*, designed with the visually-impaired in mind - *The Narrator* was created with input from the International Association of Audio Information Services, the group that represents radio reading services. The unit, marketed under Best Buy's Insignia brand, is unusual in that it's designed for both sighted and visually-impaired users, according to Best Buy and iBiquity Digital. It's also the first Insignia brand HD Radio receiver to include AM.

With *The Narrator* coming to market, people with visual disabilities will have a radio that they can program and tune themselves, said Dave Noble, chairman of government relations for IAAIS. For years, visually-impaired listeners have had to use single-purpose, expensive SCA receivers that have lower-quality audio. The IAAIS has pushed for an HD Radio receiver designed with poor-vision or blind users in mind so those listeners could have a regular radio. The buttons on the unit are larger than normal, with raised lettering. The units are shipped with the accessible mode as the default, so when a blind or visually-impaired purchaser turns it on, he or she is prompted to tune the radio with voice commands, said Best Buy Senior Product Manager Mike Dahnert.

A sighted user can turn off the accessible voice command feature. This is also the first HD Radio tabletop receiver that supports Artist Experience, in which the audio and is synched with visual images. The regular pre-order price is \$99. The unit ships in July and will be available for purchase on Best Buy's website. iBiquity will work with alliance member stations to promote the radio on-air.

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Thanks to Shawn Axelrod, Tim Noonan, Dan Sys, 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

## JUNE 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/PROV	FREQ	CALLS	CHANGE
AK Fairbanks	90.7	KWMB	CX
AK Fairbanks	92.7, 94.3	NEW	AF dismissed (didn't win auction) (Educational Media Foundation)
AK Kasilof	90.7	KRAW	QR from 90.5, 1kw/73m
AK Naknek	100.9	KAKN	XC 58-44-40/156-58-32
AK Seward	91.7	KIBH-FM	PG>2.8kw/-501m
AL Camden	90.5	WQLS	PG>8.5kw/171m, 31-53-32/87-14-14
AL Saraland	104.1	WABD	PC<508m
AL Springville	88.7	WQOH-FM	NW 440w/261m, 33-54-29/86-17-09 (Divine Word Communications)
AL Wetumpka	97.9	WJWZ	PC>3.7kw/92m, 32-26-50/86-12-37
AR Benton	106.7	KHLR	PG 13kw/293m
AR Clarendon	104.1	NEW	NS 25kw/88m, 34-37-24/91-24-39
AR Greenland	101.5	KFMD	NW 5.5kw/214m, 35-54-06/94-06-05
AR Greenland	101.5	NEW	PG 5.5kw/214m, 35-54-06/94-06-05
AR Little Rock	89.1	KUAR	PC 63kw/342m
AR Nashville	88.5	KTYC	NW 850w/110m, 33-59-30/93-59-34 (KUAF)
AR Saint Paul	105.3	NEW	FCC proposes deletion of this unused Class A allotment, it received no bids at auction.
AZ Lake of the Woods	104.5	KZXQ	PG>50kw/255m, 34-12-22/109-56-32
AZ Mesa	104.7	KZZP	NW 11kw/264m, 33-35-47/112-05-32 (aux)
AZ Peach Springs	104.1	NEW	AF dismissed (didn't win auction) (Cochise Media Licenses)
AZ Phoenix	102.5	KNIX-FM	NW 11kw/264m, 33-35-47/112-05-32 (aux)
AZ PHoenix	95.5	KYOT-FM	NW 11kw/264m, 33-35-47/112-05-32 (aux)
AZ Phoenix	96.9	KMXP	NW 11kw/264m, 33-35-47/112-05-32 (aux)
AZ Phoenix	99.9	KESZ	NW 11kw/264m, 33-35-47/112-05-32 (aux)
AZ Pirtleville	88.1	KREE	PG 1.5kw/46m
AZ San Carlos	91.1	KYAY	PG 1.9kw/515m, 33-34-31/110-22-41
BC Port Moody	98.7	CKPM-FM	PG 540w/-155m, relocate XR
BC Salmo	91.1	CFAD-FM	NS 60w/-574m, 49-11-10/117-16-59, community
BC Vancouver	102.7	CKPK-FM	PR 70kw/682m, 49-21-26/122-57-13
CA Avenal	106.9	KAAX	PR<6kw/-16m, 36-00-09/120-08-08
CA Boulder Creek	90.1	NEW	PG>7w/475m, 37-07-19/122-09-19
CA Cutten	104.7	KHUM	PR<24.5kw/505m, 40-43-36/123-58-18; CL from Garberville
CA Desert Center	101.1	NEW	AF 1kw/-100m, 33-43-10/115-23-42 (Sunnylands Broadcasting)
CA North Shore	105.1	KRSX-FM	PR<53m, 33-42-09/116-00-41; CL from Twentynine Palms; amendment from 56m and for slight change of site
CA Pasadena	89.3	KPCC	PG<174m (aux)
CA Point Reyes	91.3	KDVZ	NW 25w/152m, 37-59-50/123-00-43 (One Ministries)
CA Susanville	90.3	NEW	PR>520w/334m
CA Willow Creek	99.5	NEW	AF dismissed (didn't participate in auction) (Miriam Media)
CO Alamosa	89.1	NEW	PR<200w/40m, 37-30-33/105-51-09
CO Calhan	104.7	KKCS	PC>1.55kw/198m
CO Crested Butte	90.3	KBUT	PR>1kw/-208m
CO Durango	100.5	KRSJ	PR 100kw/110m, 37-15-47/107-53-46
CO Durango	101.3	KIOX	PR<100kw/127m, 37-15-44/107-54-08
CO Fruita	101.5	NEW	AF 4.5kw/432m, 39-04-00/108-44-45
CO Lakewood	88.1	KVOD	PR 2.1kw/275m, 39-43-49/105-15-00
CO Rifle	90.9	NEW	NW 3kw/3m, 39-26-33/107-58-01 (Academy Media)
CO Walden	93.1	NEW	AF dismissed (didn't participate in auction) (Laramie Mountain Broadcasting)
CO Winter Park	88.3	NEW	NS 10kw/-180m, 40-00-23/105-47-38 (Fraser Valley Community Media)
CO Woodland Park	89.5	KILE-FM	req. from V-only to H&V & to reduce antenna height to -148m dismissed 73.509 (prohibited overlap with other stations)
FL Clearwater	95.7	WBTP	AF 40kw/156m, 27-55-54/82-24-05 (aux)
FL Cross City	88.5	WWLC	PR>100kw/101m, 29-31-36/83-14-17
FL Cross City	88.5	WWLC	PR>100kw/98m, 29-23-13/82-42-25 dismissed (going for 100kw/101m at different site)
FL Eastpoint	90.3	NEW	FC; sold to Bible Broadcasting Network
FL Fort Lauderdale	90.3	WAFG	FC; sold to Bible Broadcasting Network; includes translators W285EK-104.9 (Marathon), W288BV-105.5 (Key West), W295AN-106.9 (Marathon), and W297AS-107.3. (Islamorada)
FL Fort Myers	90.1	WGCU-FM	NW 30kw/221m (aux)

FL Jacksonville	88.1	WCRJ	PR>194m
FL Key Colony Beach	90.3	WMRG	FC; sold to Bible Broadcasting Network
FL Key Colony Beach_	88.7	WMRG	PG>250w/28m (the _ is in the FCC records
FL Key West	90.3	WKZG	FC; sold to Bible Broadcasting Network)
FL Orange Park	91.7	WTRJ-FM	PR 6.5kw/194m, 30-16-34/81-33-51
FL Palm Coast	98.7	WPLC	PR<4kw/99m, 29-32-07/81-15-50
FL Tampa	88.5	WMNF	NW 6.7kw/177m (aux)
GA Aragon	107.1	WTSH-FM	PR>100kw/287m, 34-09-34/85-02-13; CL from Rockmart
GA Barrettsville	90.7	WLTS	PG>225w/43m, 34-23-25/84-14-41
GA Clermont	105.1	WNGA	PR 7kw/187m, 34-44-55/83-43-43
GA Milledgeville	95.3	WGUR	QC from 88.9, 85w/12m, 33-04-53/83-13-52
GA Patterson	107.1	WSGT	NW 6kw/100m, 31-23-07/82-07-27 (Mattox Broadcasting)
GA Tallapoosa	88.7	WEYY	NW 250w/30m, 33-44-43/85-17-16
GA Tignall	105.3	WSGC-FM	XR 33-49-50/82-45-19
HI Honolulu	105.1	KINE-FM	NS (aux) rescinded ROA
HI Honolulu	105.1	KINE-FM	NS 50kw/566m (aux)
HI Wahiawa	103.5	KHAI	NS 2.2kw/566m (aux)
IA Murray	91.9	KSOI	PG>19kw/148m, 40-56-44/94-08-49
IA Murray	91.9	KSOI	PR<19kw/148m, 40-56-44/94-08-49; amendment from 11.5kw
IA Sidney	107.7	KIMI	QR from 107.9, 50kw/124m, 40-56-57/95-45-28
IA Stanton	88.7	NEW	NW 100w/61m, 40-57-31/95-04-58 (CSN)
IA Stanton	88.7	NEW	PG<61m, 40-57-31/95-04-58
IA Stanton	88.7	NEW	PR<100w/61m, 40-57-31/95-04-58
ID Gooding	100.7	KPDA-FM	AF 225w/71m, 43-35-42/116-08-39 (aux)
ID Mountain Home	99.1	KINF-FM	AF 225w/71m, 43-35-42/116-08-39 (aux)
ID Mountain Home	99.1	KINF-FM	NS 225w/71m, 43-35-42/116-08-39 (aux)
ID Twin Falls	90.7	KCIR	PG>44.1kw/766m
IL Round Lake Beach	89.1	WZKO	PG>36m, from V-only to H&V
IN Culver	98.3	NEW	AF 6kw/95m, 41-19-20/86-36-17 (Kankakee Valley Broadcasting)
IN Dayton	91.5	WCNB	PG<255w/5m, 40-22-32/86-46-34
IN Ellettsville	105.1	WHCC	PR 2.8kw/149m, 39-11-19/86-41-53
IN Greensburg	89.9	WHOZ	PG>1kw/62m, 39-20-04/85-35-55
IN Howe	91.9	WQKO	PR 1.6kw/132m, 41-39-01/85-21-12
IN Lebanon	91.1	WIRE	PG<1.5kw/94m
IN Plymouth	89.3	WIKV	PG>1.4kw
IN Plymouth	89.3	WIKV	PR<1.4kw/76m
IN Plymouth	89.3	WIKV	PR<1.4kw/76m, requests expedited consideration; already granted
IN Plymouth	89.3	WIKV	PR>1.4kw
IN Wilkinson	89.1	WRFM-FM	PR<140w/20m, 39-52-43/85-30-09 dismissed
KS Liberal	91.5	KYEH	NW 360w/22m, 37-02-53/100-54-34 (Top O'Texas Educational Broadcasting Foundation)
KS Topeka	88.1	KJTY	PG>100kw/195m, 39-02-21/95-26-59 (reinstated expired permit)
KY Louisville	97.5	WAMZ	PR<157m, 38-11-31/85-31-11
KY Midway	107.9	WBTF	PR<86m, 38-02-44/84-39-29
KY Russellville	101.1	WUBT	AF 1.9kw/294m, 36-15-50/86-47-39 (aux); amendment from 15.5kw
KY Russellville	101.1	WUBT	AF 15.5kw/294m, 36-15-50/86-47-39 (aux) (Sinclair TV tower NW of Nashville)
KY Scottsville	91.3	WBGB	NW 300w/75m, 36-44-25/86-10-31
LA Baton Rouge	102.5	WFMF	NW 35kw/101m, 30-27-38/91-13-24 (aux)
LA Baton Rouge	91.1	KLSU	PR>5.7kw
LA Bordelonville	103.9	NEW	AF 450w/175m, 31-30-16/91-21-06
LA Bordelonville	103.9	NEW	AF 450w/175m, 31-30-16/91-21-06 (SSR Communications)
LA Empire	104.5	KNOU	PR>18kw/250m
MA Dalton	91.7	WJNF	NW 160w/298m, 42-26-11/73-03-14 (CSN)
MA Middleborough Center	88.5	WRRS	NW 400w/41m, 41-55-26/70-56-07 (converts from LPFM on 104.3)
MA Rockport	91.5	WWRN	PG<530w/57m, 42-37-32/70-39-04
MD Catonsville	105.7	WJZ-FM	NS 3kw/121m, 39-19-26/76-32-56 (aux)
MD Fruitland	107.7	WKHI	PR>22kw dismissed
MD St. Mary's City	88.1	WGWS	FC?, sold to CSN
ME Madawaska	102.3	WCXX	PC 1.2kw/129m
MI Alpena	88.9	WGZR	PG 300w/100m, 45-09-23/83-28-04
MI Bear Creek Twp.	89.3	WTLI	PG>50kw
MI Charlevoix	90.9	WTCK	PC>5.5kw/304m, 45-30-05/85-01-49
MI Crystal Falls	103.9	NEW	FCC proposes deletion of this unused Class C2 allotment, it received no bids at auction.
MI Huron Township	90.1	WDTP	QR from 89.5, 50kw; amendment from 20kw
MI Manistique	88.9	WCRR	PR>100kw/248m
MI Marquette	91.5	WUPX	PC>1.7kw/133m, 46-30-52/87-29-07
MI Onkama	93.3	NEW	AF dismissed (didn't participate in auction) (Northern Radio of Michigan)
MO Adrian	88.9	KYLF	NW 30kw/138m, 38-12-04/94-16-12 (Bott)
MO Bourbon	94.1	NEW	NS 6kw/100m, 38-05-00/91-15-00 (Alma Corp.)
MO Cameron	91.7	WJTJ	FC; sold to WVCY
MO Cameron	91.7	WJTJ	PG 27.5kw/116m, 39-57-36/94-07-08 (yes, a K call in Missouri) but rescinded on same day
MO Cameron	91.7	WJTJ	PG>27.5kw/116m, 39-57-36/94-07-08
MO Garden City	105.1	KCJK	PG 72kw/346m
MO Perryville	93.1	KBDZ	PG>36kw/175m, 37-52-58/90-10-20
MO Salem	91.7	KCVX	PR<30kw
MS Calhoun City	102.3	NEW	AF 1.5kw/40m, 33-49-18/89-16-36 (Valleydale Broadcasting)
MS Ellisville	102.5	WJKX	PG 11.4kw/256m, 31-31-37/89-08-07
MT Alberton	105.5	NEW	FCC proposes deletion of this unused Class C3 allotment, it received no bids at auction.
MT Lewistown	107.9	KFMT	QG from 99.7, 180w/572m, 47-10-39/109-32-06; this is not the same station as the KFMT-FM in Nebraska...
MT Lewistown	107.9	NEW	NW 180w/572m, 47-10-39/109-32-06
MT Lewistown	107.9	NEW	PR<180w/572m
MT Roundup	88.1	KLMB	PG>3.5kw/142m, 46-15-03/108-29-01
NB Fredericton	93.1	CIHI-FM	NS 50kw/150m, 46-07-07/66-46-28, chr (same tower as CFRK-92.3, CFXV-105.3, and CIBX-106.9)
NC Bunn	104.3	WFXK	CL changed from Tarboro
NC Southern Pines	106.9	WMGU	NS 19.5kw/124m, 34-59-53/79-15-47 (aux)
NC Yadkin	90.3	WWOY	NW 1.6kw/32m, 35-48-13/80-17-42 (The Power Foundation)
ND Williston	91.7	KNDW	PG>750w/50m, 48-08-34/103-47-50

NH Milford	88.7	NEW	PG 670w/12m, 42-49-58/71-43-45
NJ Cape May	89.1	WWCJ	PG 8.2kw-H/13.5kw-V/117m, 39-07-28/74-45-56
NJ Cape May	89.1	WWCJ	PR 8.2kw/117m, 39-07-28/74-45-56
NJ Cherry Hill	89.5	WKVP	PG 1.9kw/61m, 39-54-43/74-59-21
NJ Hazlet	104.7	WPDI	QC from 89.3, 10w/87m, 40-22-55/74-12-39
NJ Pennsville	88.1	WFDS	NW 47w-H/1.05kw-V/40m, 39-35-30/75-29-30 (Chesapeake Catholic Radio)
NJ Petersburg	98.3	WTKU-FM	AF 3.7kw/90m (aux)
NM Encino	88.7	KXNM	PG<18.2kw/89m, 34-40-39/105-41-12
NM Las Vegas	107.1	NEW	AF 3.6kw/94m, 35-34-27/105-10-18 (Owensville Communications)
NM Raton	88.9	NEW	PR<450w/303m
NM Ruidoso	89.3	KENP	PR>620w/921m, 33-24-17/105-46-52 dismissed 73.207 (too close to other stations on same frequency)
NM Socorro	92.9	KMXQ	PR<137w/-54m
NM Tucumcari	90.5	KZTU-FM	NW 6kw/24m, 35-10-46/103-43-06 (Iglesia Shekira)
NS Pictou	97.9	CKEZ-FM	NS 100kw/246m, 45-32-24/62-56-44 (same tower as CKEC-FM 94.1); classic rock; will presumably bump CILM-FM Truro. Listed in CRTC decision as New Glasgow.
NV Sparks	88.3	KLRH	AF 630w/162m, 39-35-03/119-47-52 (aux)
NY Fleming	88.7	WTMI	NW 600w/271m, 42-48-05/76-26-14
OH Ashtabula	91.7	WLGO	PG<3.2kw/104m, 41-51-14/80-41-21
OH Ashtabula	91.7	WLGO	PR 3.2kw/104m
OH Cleveland	105.7	WMJI	NS 18.6kw/179m (aux)
OH New Concord	90.7	WMCO	PR>1.2kw/44m, 40-00-06/81-44-19
OH Kenton	88.5	WKEN	NW 650w/59m, 40-40-25/83-36-32 (Soaring Eagle Promotions)
OH Waynesville	89.1	WYNS	QR from 89.3, 250w/44m, 39-32-46/84-06-36
OK Altus	107.9	KEYB	PR>100kw
OK Davis	95.7	KKAJ-FM	PG<50kw/140m, 34-23-50/96-55-17; CL from Ardmore
OK Frederick	95.7	KYBE	QR from 95.9, 25kw/100m, 34-24-53/99-14-48
OK Goltry	90.5	KGVV	PR>14kw
OK Rattan	99.5	NEW	AF 6kw/38m, 34-09-24/95-24-56; amendment from 37m and for slight change in coordinates
OK Rattan	99.5	NEW	NS 6kw/38m, 34-09-24/95-24-56 (Will Payne)
ON Collingwood	102.9	CFMO-FM	AF 23kw/255m, 44-28-41/80-19-40; previously approved but required to seek new frequency
ON Dryden	104.3	CKQV-FM-1	QR from 104.5
ON Georgina Island	92.3	CFGI-FM	QR from 102.7, 650w/24m
OR Grants Pass	99.3	NEW	AF 250w/468m, 42-29-22/123-18-16 (Three Rivers Broadcasting)
OR Madras	89.1	KBYT	CX ROA
OR Malin	100.9	NEW	AF 12.5kw/653m, 42-05-50/121-37-59 (Basin Mediaactive)
OR Talent	101.1	KLMD	QR from 92.9, 350w/408m, 42-17-52/122-45-00; amendment from 1.4kw
OR Union	103.1	KVBL	PG>950w/768m, 45-18-33/117-43-54
OR Union	103.1	KVBL	PR>768m
PA Lawrence Park	92.7	NEW	NS 6kw/3m, 42-07-25/80-07-02
PA Oil City	88.3	WOHE	PG>3.6kw/105m, 41-32-35/79-41-33
RI Smithfield	88.7	WJMF	PG>1.5kw
SC Barnwell	99.1	NEW	NS 25kw/99m, 33-24-55/81-18-10 (Barnwell Community Radio); competing application (St. Andrew Roman Catholic Church) dismissed
SC Pendleton	95.9	WLTE	PR 6kw/95m, 34-37-13/82-41-52
SC Ridgeville	100.9	WAYA-FM	PG>25kw/70m, 32-58-15/80-15-15
SC St. George	91.9	WWOS	PG<10.5kw/129m, 33-21-12/80-35-18
SD Watertown	90.3	KJSD	NW 10.5kw/175m, 45-01-10/96-56-43 (SDPB)
TN Byrdstown	98.9	NEW	AF 500w/202m, 36-29-03/85-03-29 (Valleydale Broadcasting)
TN Nashville	105.9	WNRO	AF 15.5kw/294m, 36-15-50/86-47-39 (aux) (Sinclair TV tower NW of town)
TN Nashville	97.9	WSIX-FM	AF 15.5kw/294m, 36-15-50/86-47-39 (aux) (Sinclair TV tower NW of town)
TX Alpine	90.3	NEW	PG<1kw/-72m, 30-21-58/103-38-26
TX Baird	96.5	NEW	NW 25kw/100m, 32-22-40/99-10-35
TX Canadian	91.1	KHHC	NW 100w/-4m, 35-54-50/100-22-587 (Solid Rock Foundation); QR from 91.1
TX Dilley	106.1	NEW	NS 6kw/100m, 28-34-53/99-05-41 (Super Waves)
TX Eldorado	89.7	NEW	NS 100kw/98m, 31-04-09/100-32-56 (The Center for Education Nonprofit Corp.)
TX Escobares	104.7	KERG	PG>6kw
TX Kingsland	104.7	NEW	AF 2.2kw/165m, 30-41-12/98-34-16 (Munbilla Broadcasting Properties)
TX Kingsland	104.7	NEW	AF dismissed (didn't win auction) (Katherine Pyeatt)
TX Paris	91.9	NEW	NW 450w/39m, 33-37-17/95-33-54
TX Raymondville	102.1	KBUC	PG>48kw/402m
TX San Antonio	88.3	KPAC	PC 69kw/240m
TX San Antonio	89.1	KSTX	PC 72kw/240m
TX Scotland	95.5	KKJB	PR>19kw/115m, 33-41-03/98-36-46
TX Trinity	89.7	KTYR	PG>179m, 31-03-58/95-31-35
TX Wheelock	100.9	NEW	NS 3.7kw/129m, 30-48-05/96-27-58 (Katherine Pyeatt)
UT Fountain Green	99.9	NEW	AF 4.2kw/476m, 39-50-54/111-19-49 (Valleydale Broadcasting)
UT La Verkin	102.3	KCDC	PR<7.7kw/1033m, 37-09-12/113-52-49
UT Salt Lake City	90.1	KUER-FM	PR 20.6kw/1244m, 40-39-35/112-12-05
VA Fredericksburg	90.5	WJYJ	PR>47kw/127m
VA Lynchburg	97.9	WZZU	NW 570w/578m (aux)
VT Randolph Center	90.7	WVTC	PR>64m
WA Centralia	102.9	KNBQ	AF 20kw/3m, 47-13-59/122-23-23 (aux)
WA Ellensburg	88.1	KCWU	PR<430w/-92m, 47-00-10/120-32-13
WA Goldendale	95.9	NEW	AF 1kw/247m, 45-42-11/120-51-16 (Sunnylands Broadcasting)
WA Pasco	98.3	KEYW	PG>25kw
WA Port Townsend	91.1	KROH	NS 37w/459m (aux)
WA South Bend	91.3	KACW	NW 225w/271m, 46-41-44/123-46-17
WA Waitsburg	102.3	NEW	FCC proposes deletion of this unused Class A allotment, it received no bids at auction.
WI Wisconsin Rapids	103.3	WGLX-FM	PC>65kw/244m, 44-38-39/89-51-12
WV Bluefield	88.5	WVDM	NW 50kw/32m, 37-16-34/81-15-04
WY Dayton	102.3	KOWY	NW 2.1kw/343m, 44-37-20/107-06-57
WY Dayton	102.3	KOWY	PR>97kw/366m
WY Dayton	102.3	KOWY	QG from 101.1
WY North Rock Springs	101.9	KXJW	QG from 101.1
WY South Greeley	88.7	KDNR	PR>1kw



# PHOTO NEWS



Jeff Kruszka  
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 Pearland, TX 77581  
 jkruszka@sbcglobal.net

June 2012

This month we welcome "dtdxer" Chris Lucas of Poughkeepsie, NY. Chris's equipment includes an Insignia NS-DXA1-APT DTV Converter, a Direct 91-XG UHF antenna @ 25', w/ CPA19 pre-amp, a Winegard YA-1713 VHF-Hi antenna @ 21', w/Channel Master 7778 pre-amp, and a Winegard YA-6260 VHF-Lo antenna @ 14', w/Chromstar 2000 pre-amp.



WUNK-23.1 Greenville, NC  
 474 mi Tr seen 6-1-11



WKYC-17.2 Cleveland, OH  
 405 mi Tr seen 6-27-11



WKB0-14.1 Detroit, MI  
 483 mi Tr seen 7-22-11



WXYZ-41.2 Detroit, MI  
 483 mi Tr seen 7-22-11



KNOP-2.2 North Platte, NE  
 1384 mi Es seen 6-10-11  
*K11T(W) subchannel 2*





WBFF-46.1 Baltimore, MD  
222 mi Tr seen 7-26-11



WTVR-25.1 Richmond, VA  
355 mi Tr seen 7-26-11



WRIC-22.1 Petersburg, VA  
355 mi Tr seen 7-26-11



WCAX-22.1 Burlington, VT  
198 mi Tr seen 9-25-11

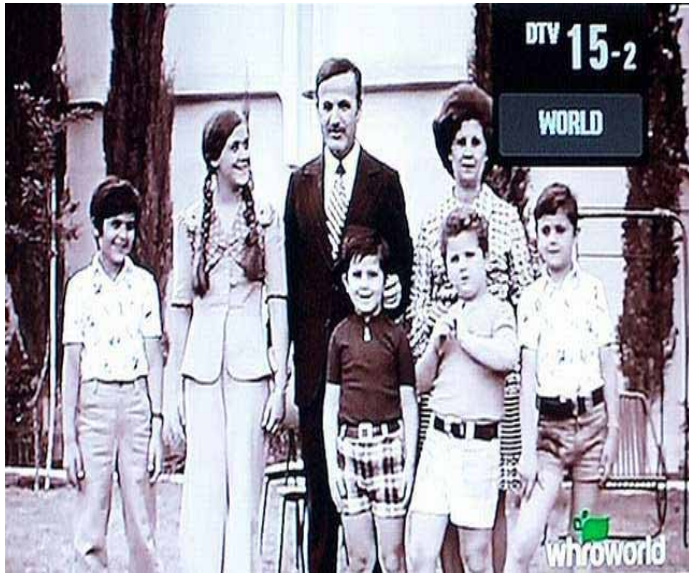


WTAJ-32.1 Altoona, PA  
252 mi Tr seen 11-6-11



WCNY-25.1 Syracuse, NY  
140 mi Tr seen 11-7-11





WHRO-16.2 Hampton, VA  
370 mile Tr seen 11-9-11



WLPS-LD-14.1 Lumberton, NC  
565 mile Tr seen 12-4-11  
"most distant DTV station" (and LP! -jk)



WETM-18.1 Elmira, NY  
156 mile Tr seen 3-17-12



WSKA-30.3 Corning, NY  
167 mile Tr seen 3-17-12  
s-WSKG-42 Binghamton

And now some more photos from your editor:



KWBJ-CD-22 Morgan City, LA  
246 mile Tr seen 9-13-11  
15 kW



WFNA-25 Gulf Shores, AL  
455 mile Tr seen 4-25-12

73's, JEFF





Photo of WDC-TV tower by Michael Temme-Soifer.

# 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)

## The Editor's Note

We head toward the end of May with the E-Skip season getting off to a bit of a sluggish start. There have been a handful of decent openings, including on May 5<sup>th</sup> across the south and on the 19<sup>th</sup> between the Great Lakes and western plains. But several areas are still waiting for their first sustained Es of the season. A late start certainly is not a guarantee of a poor season being in the offing, so continue to stay close to those dials.

### Jeff Kadet, K1MOD

Box 20

Macomb, IL 61455

<http://www.oldtvguides.com/DXPhotos/>

Sony 60" DTV monitor/NTSC DX TV, Insignia box, Icom R7100, CM 1110's @ 80' (horizontal) and 12' (vertical), screened 7' CM dish @ 85', CM 7777 pre-amp, .500" hardline

1979 9" B&W Zenith, bought new, begins its 33rd year as the ch. 2 Es monitor. It's never needed any repairs and is only used during Es seasons.

All times UTC

Apr24 14:28 Es SS on ch. 2

Apr24 14:44 gone now; possibly Cuba

Apr24 15:17 XE2O/b beacon 50067.7 Mhz 5 watts

Apr25 14:09 Es XHAE-5 Saltillo, CL morning talk show

Apr25 14:12 Es XET-6 Monterrey text ID upper left; Televisa cartoons

Apr25 15:29 getting 2 completely different ch. 4's on the vertical and horizontal CM1110

Apr25 15:41 Es XEFB-2 Monterrey "Teleactiva"

Apr25 17:10 Es XEPM-2 Juarez all alone w/no CCI

May01 03:30 Tr WLUK-DT-11 Green Bay, WI 306 mi

May01 05:03 Tr KELO-DT-11 Sioux Falls, SD 368 mi

May01 07:02 Tr WTLJ-DT-24 Muskegon, MI "TCT" 301 mi

May01 07:26 Tr KTTC-DT-10 o/WGEM and KIMT-DT-42 o/WICS; pretty unusual

May01 07:35 Tr KAAL-DT-33 Austin, MN 254 mi rare

May01 07:44 Tr WFTC-DT-29 Minneapolis 341 mi

May01 07:45 Tr KTCA-DT-34 St. Paul, MN "tpt2" 342 mi

May01 07:46 Tr KSTP-DT-35 St. Paul 342 mi

May01 15:04 Es "foro tv"-2; probably XEFB Monterrey

yup, it's Monterrey w/Marche de Mayo 1

May01 15:12 muf ch. 6 XHGC Net. w/cartoons

May01 15:20 Es XHWX-4 Monterrey

May01 15:41 Es now a TV Azteca-7 on ch. 6

May01 15:51 Es XHDI-5 Durango text ID upper left

(NEW)1397 mi analog #1936 new Mexican State

May01 16:42 Es XHAE-5 Saltillo, CL "Televisa" morning talk show

May02 02:50 Es XEFB-2 Monterrey "Teleactiva"

May03 19:14 2Es 9Y4D & 9Y4VU coming in on 6m

May05 05:42 Tr WHMB-DT-20 Indy (NEW) 240 mi DTV #598

May06 00:29 Es XEPM-2 Juarez

not a trace of XEPM on the big antenna @ 80 feet; blasting in on the vert ant @ 12 feet

May07 00:41 Es XEPM-2 Juarez

May07 02:17 Es CKND-TV-2 w/Global Winnipeg IDs

May15 21:44 Es Cuba ch. 2-

73, Jeff

### Chris Dunne

Pembroke Pines, FL

2 Tr:

Tele Rebelde, Havana, Cuba

2 Es:

TA, Dom. Rep.

VTV Honduras

YSR El Salvador (w/ "Sabadazo", May 5)

Caracol, Colombia (featuring the "TQ")

Tecnoquimicas logo in my TV unID column)  
 RCN, Colombia  
 Nicaragua  
 3 Tr:  
 Cubavision, Santa Clara, Cuba  
 3 Es:  
 TGV Guatemala (w/ Telediario News)  
 Telesistema, Honduras (good animated ID)  
 4 Tr:  
 Tele Rebelde, likely Camaguey Cuba (w/ "Palmas y Canas" music show right through any Es on May 6)  
 Canal Educativo, Havana, Cuba  
 4 Es:  
 Venevision, Venezuela  
 Telecadena 7/4, Honduras  
 YSU, El Salvador  
 Nicaragua  
 [an unID but mentioned Chiapas a lot]  
 TVMAS, Veracruz, Mexico  
 [an unID Canal Cinco in Mexico---very frustrating---a watchable picture for nearly 2 hours, but no supered ID OR local ads]  
 CERTV, Dom Rep  
 Costa Rica---\*great\* reception for a few minutes  
 5 Tr:  
 Tele Rebelde, likely Santa Clara, Cuba  
 5 Es:  
 TeleVer, Veracruz, Mexico  
 Telemicro, Dom Rep (actually two Telemicro's, as there was an echo)

*The rest here are Tropo only...*

6 Cubavision, Havana, Cuba, u/WEYS  
 DT 8 WOLO SC Columbia  
 DT 9 WHMC SC Conway, "ETV" w/ a virtual 23  
 15 Canal Educativo Dos, Havana, Cuba  
 DT 15 WKME-LD FL Kissimmee  
 16 Canal Educativo, Cuba //4  
 24 Canal Educativo Dos, Matanzas, Cuba //15  
 DT 24 WTAT SC Charleston, NEW  
 26 Multivision, Cuba  
 DT 39 KENS TX San Antonio, NEW, Apr 27  
 DT 39 WSAV GA Savannah, NEW  
 DT 42 WJBF GA Augusta, NEW  
 DT 44 WJWJ SC Beaufort, ETV, NEW, thx Trip for IDing call letters  
 45 Tele Rebelde, Cuba  
 DT 49 KNVA TX Austin, NEW, Apr 27 just prior to KENS 🍌

**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 April and into May 2012. Ocean temp hit coldest for the season (54 F in April) and now is a tad warmer at 56 F. Too cold for me to get into yet...

There was some coastal tropo at times. High air temps mid 60s F to mid 70s F, lows in 40s F. May 8 first hint of summer tropo, hot inland away from ocean (90+F). So-Calif coastal tropo to San Diego/Tijuana/Tecate up to 220 mi:

Apr 6 – 10	Var. poor-fair	Calm, hi-pressure, warming
Apr 11 – 14	None	Stormy, rain
Apr 11-13		
Apr 15 – 17	Var. poor-fair	Calm, warming
Apr 18	None	Some wind
Apr 19 – 26 AM	Var. poor-fair*	Calm, but...**
Apr 26 – 27	<i>Out of town, to San Diego</i>	
Apr 27 eve – May 7	Very poor	Higher inversion layer
May 8 – 9	<u>Good</u> ***	Warmer, lower layer

\* - Apr 20 tropo peaked at good approx. 2100 PDT.  
 \*\* - Calm, but inversion layer very high at approx. 5000 ft – too high for effective signal at our elevation closer to sea level, through May 7.  
 \*\*\* - May 8 tropo peaked at very good approx. 1100 and 2000.

Apr 17 seen at Don Voegele's place, among other signals, these not seen since late 2010:  
 XHJK-DT d28 Tijuana "28" Azteca 13 XHDF 200 mi.  
 XHTIT-DT d29 Tijuana "29" Azteca 7 XHIMT 200 mi.  
Apr 24 at Don's place, some tropo:  
 46 (analog), 1025 briefly, very poor, Spanish, no ID

Best of DX to All Dennis

**William Draeb**

1304 Ellis St.  
 Kewaunee, WI 54216

Here's a report. There isn't much but it's something.

2/2 Tr

2045 KWQC-36 & Madison U's

3/18 Tr

0655 N. WI, MI – WSAW-7, WBUP-10, WMOW-12, WNMU-13, WJFW-16, WFXS-31

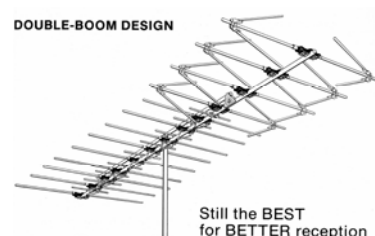
4/25 Es

0900 unIDs – 2 & 4 Mexico  
 XHPN-3

5/1 Tr

CHBX-2; stronger off the back of the antenna than the front.  
 CJIC-5 no problem here.

My low band antenna is giving me problems on channel 2 with signals stronger off the back than the front. Won't be able to fix the antenna anytime soon. I'll see if I can put together another antenna for channel 2 out of junk box parts. Es hasn't gotten into full swing yet. The opening of 4/25 was a surprise. W.D.



# 6 Meter/2 Meter Amateur DX

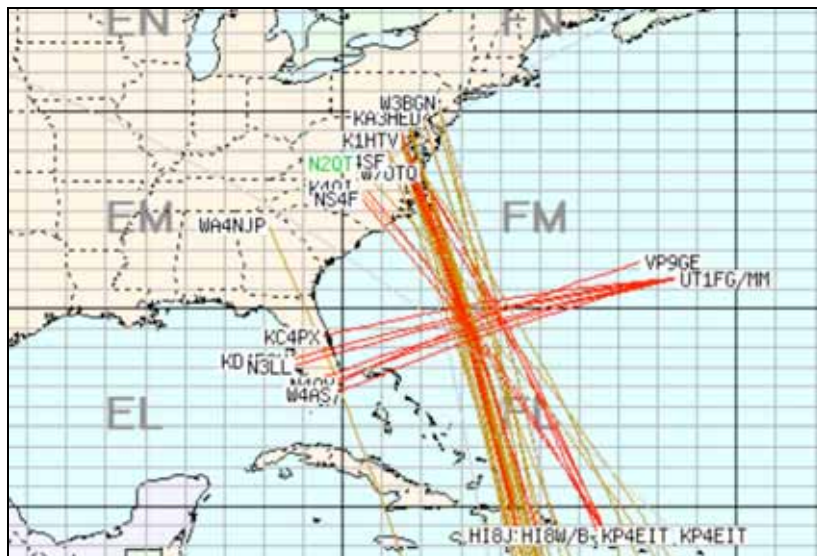


50 Mhz  
The *Magic* Band



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

Here we go... it's sporadic-E ("E-skip") season. As I type in late-May, there have already been a few scattered openings – though, nothing special. The opening salvos of E-skip have brought one interesting side effect – that of linking between Trans-equatorial scatter ("TEP") and E-skip. I have mentioned TEP-to-Es linking before, but April brought some near-perfect examples of the phenomenon. I grabbed a screenshot of the DX path map during an opening in April. What is happening is obvious.



Clearly, there is an E-layer cloud over the Atlantic between Florida and Bermuda, allowing single-hop paths (in red), e.g., Florida to Bermuda and the mid-Atlantic coast to Hispaniola. Meanwhile, South American signals (in brown) are arriving via TEP, then taking the last mile via E<sub>s</sub>. That's a great opportunity for the 3-landers who see TEP far less often than operators further south.

The linked propagation has been useful here in Memphis, bringing in a new grid from Chile, FF45, recently. But with summer, the TEP usually cools. Hopefully, once fall arrives, it will return.

Lately, I have been experimenting with very basic mobile operation. Since November, I've dabbled with a 25 Watt Radio Shack HTX-10 and a converted CB mag mount. It worked great. Now, with E<sub>s</sub> season upon us, I have replaced that station with a similar setup for 6 meters – a 25W Ranger radio and a 6m mag mount. While I have only been using it a few days, I have been fairly pleased with its performance. I have never been a fan of the Ranger (which is why I really haven't bothered using it much before now), but the station again illustrates that even modest stations – and this is pretty modest – will make contacts. No, you'll never be one of the big boys, but there is fun to be had.

\* \* \*

The June ARRL VHF Contest falls a bit early this year. Starting the afternoon of June 9, it is the biggest event on the VHF calendar. If you have any 6m equipment at all, it must not be missed. Full details and rules can be found on the ARRL website: <http://www.arrl.org/june-vhf-qso-party>. Jump on!

# FCC Gives TV Channel-Sharing Green Light

By Kim McAvoy  
TVNewsCheck, April 27, 2012 11:29 AM EDT

The FCC took its first step today toward shifting a large swatch of spectrum from TV broadcast to wireless broadband.

It unanimously approved rules allowing TV stations to share channels while retaining must-carry and other rights that come with owning a full channel.

It's a decision the FCC hopes will entice weak stations to double up (or even triple up) on channels, turn over spectrum to the FCC and participate in a voluntary "incentive" auctions.

Under a law enacted earlier this year, stations who contribute spectrum to such an auction may share in the proceeds.

Through the auction, the commission has said it would like to recover up to 120 MHz or 40% of all TV spectrum.

Most broadcasters are not interested in giving up spectrum and, although participation in the incentive auction is voluntary, they are concerned about collateral damage that may be caused when the FCC repacks the TV band to aggregate the returned spectrum for auction.

Repacking mostly involves switching channel assignments, but could also impact changes in power levels and tower locations. All such changes affect coverage to some degree.

The law addresses broadcasters' concerns by mandating that the FCC must make all "reasonable" efforts not to degrade the coverage of the remaining stations.

However, many broadcasters still fear that there will be irreparable harm from the repacking.

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## MCADAMS ON: SURPLUS SPECTRUM

TV Technology 5/18/2012  
Deborah D. McAdams

**NEWS, FLASH:** The world as we know it will not end if the remaining TV spectrum is not commandeered for the wireless industry. It seems the wireless industry doesn't have any use for the TV channels it obtained in 2008 auction of 700 MHz spectrum. Both Verizon and Cox are now trying to dump 700 MHz spectrum, which, if you recall, was absolutely vital just a few years ago to the wireless future of the United States. Wireless carriers have been talking about a spectrum crunch since the mid-'80s, when they convinced Congress to push through the digital transition (at a cost of billions to taxpayers), and redesignated TV Chs. 52-69—the 700 MHz allocations—for wireless communications.

Now, there appears to be a spectrum surplus, though we've known that. The so-called "spectrum crisis/crunch" has always been "looming," like Boo Radley, behind a door. Even the Federal Communications Commission said in 2010 that of 547 MHz licensed for wireless communications, only around 170 was in use.

Recall that broadcasters were accused of spectrum squatting when the digital transition took longer than the arbitrary timetable set by Congress. Remember that much of the necessary technology had not yet been invented when the transition was initiated, and that there was no requisite receiver technology as of the original 2006 deadline. Broadcasters were nonetheless vilified as spectrum squatters because of the delay.



What exactly is a spectrum squatter? When you receive a TV facility construction permit on a 6 MHz license, you have to build a TV station and transmit a signal within three years, according to FCC rules. I have to wonder how this comprises “squatting.” Especially compared to what’s *not* going on in the 700 MHz spectrum. Recall again that this spectrum had been carrying 18 free TV channels across the country before the 2009 digital transition. Nearly three years later, most of those channels appear to lay fallow, enough such that Verizon and Cox are now trying to get rid of their holdings.

Does the FCC not have build-out rules for wireless licensees? It does. Cellular licensees generally have four years to build out to 35 percent coverage, and 10 years to reach 70 percent. Construction notifications on the 700 MHz licenses are due to the commission June 28, 2013, and will be made available for public comment. [Interim performance](#) reports were due to the FCC on Jan. 13, 2012. I can’t find these in the commission’s Universal Licensing System. I’d love to hear from anyone who can. I think the commission would, as well, because its Wireless Bureau chief asked Verizon this week what was going on with its 700 MHz spectrum. (*Addendum: Thank you to the individual who directed me to these reports in the FCC database. I should clarify here that Verizon is seeking to get rid of its lower A and B block spectrum, while it appears to be building out the upper C block of 700 MHz spectrum it won.*)

Verizon more or less said, “Look, we’ll sell this 700 MHz spectrum if we get FCC approval to buy the SpectrumCo licenses.” Verizon made a co-marketing deal with SpectrumCo partners Time Warner Cable, Comcast and Bright House to buy the group’s 2 GHz licenses for \$3.6 billion. The 2 GHz spectrum works better for wireless services in urban areas than does the 700 MHz because of a difference in reach characteristics. So much for bringing broadband to underserved areas.

This is a bit like Verizon taking 700 MHz to the dance and leaving with 2 GHz. The FCC isn’t all that keen on the move, nor has it taken kindly to the aforementioned ultimatum.

“Would Verizon Wireless abandon its plan to sell its lower 700 MHz licenses if the commission does not consent to the sale of all the AWS licenses at issue to Verizon Wireless?” FCC Wireless chief Rick Kaplan inquired in a letter to Verizon’s vice president and deputy general counsel, John T. Scott III. Kaplan asked for a response by next Tuesday. Scott will undoubtedly blame the commission for not resolving the “interference” issue involving Ch. 51, the top end of the TV allocation.

Even though Verizon, along with every other bidder in the 700 MHz auction clearly knew they were vying for spectrum adjacent to a TV channel, it suddenly became a problem after the fact. The FCC froze applications for new TV stations on the channel last year, although why anyone would file for one is a mystery, given the commission’s intention to re-designate Ch. 51 and the 19 below it to wireless as well.

So should Mr. Scott plead Ch. 51 interference as the carrier’s reason for doing little or nothing with its 700 MHz spectrum, we here at *McAdams On* might have to conclude that’s absurdly disingenuous.

There is but one takeaway from these proposed divestitures of 700 MHz spectrum that fit the law of parsimony: There’s a spectrum surplus. From a more generous perspective, this surplus of former TV channels happens to be materializing just months after Congress authorized the FCC to auction off more TV channels. Does anyone doubt the potential impact on the market price of TV spectrum? Any stations or groups hoping for an incentive windfall need to pay close attention to the 700 MHz allotments.

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