

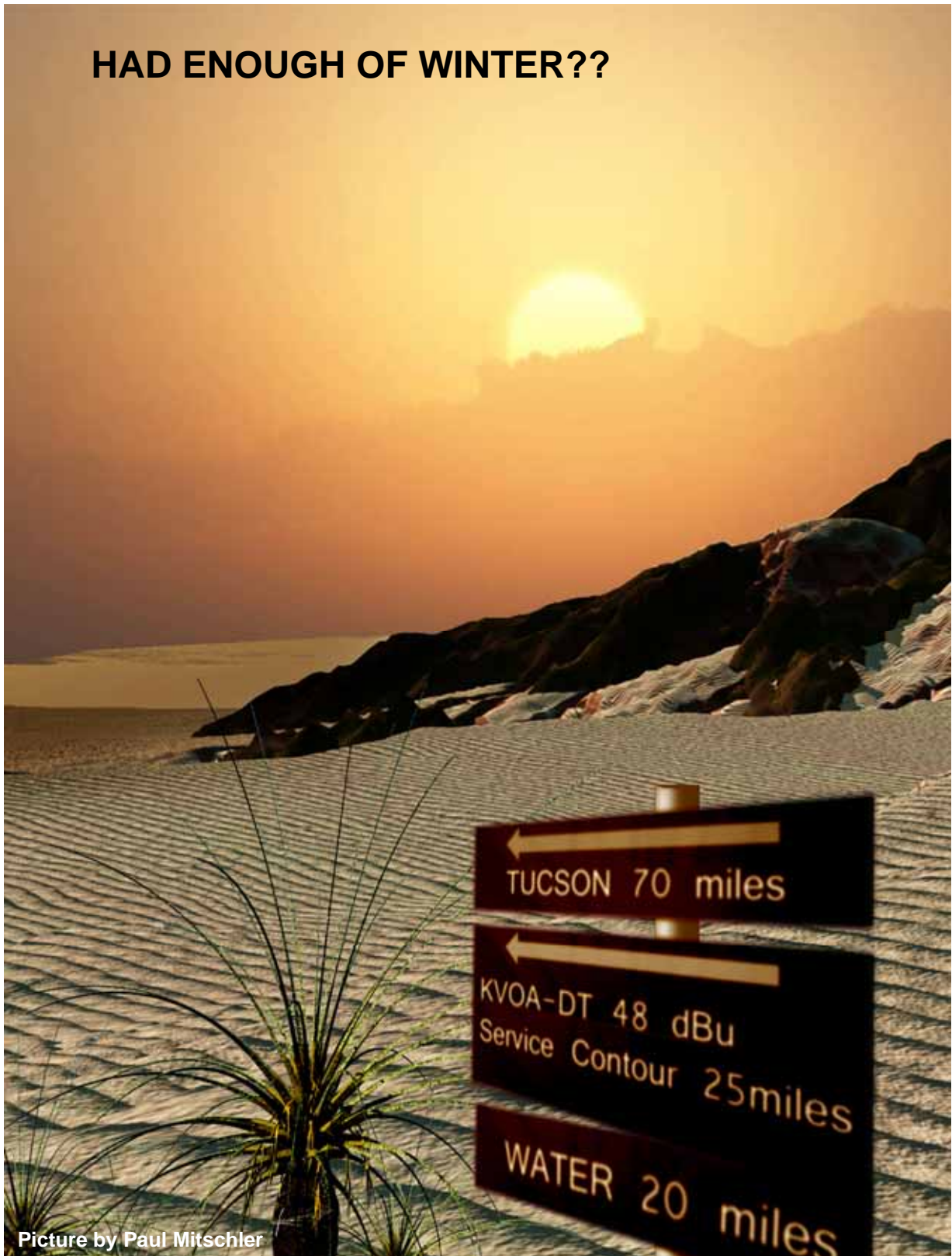
# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 2011

The Magazine for TV and FM DXers

HAD ENOUGH OF WINTER??



Picture by Paul Mitschler



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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, BRUCE HALL, KEITH MCGINNIS AND MIKE BUGAJ.



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FEBRUARY 2011



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Jeff Kruszka and John Z have no reports on hand so Photo News and Southern FM DX will not appear this month. Stay warm.

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# The Mailbox

P.O. Box 501, Somersville, CT USA 06072  
MIKE BUGAJ MBUGAJ@SNET.NET

## WHAT A WINTER!

I don't think there are too many Northerners, or maybe even Southerners, thinking about DX at the moment. January is showing us one brutal winter with feet of snow, ice and brutally low high temperatures.

Of great concern is where to put all that snow that's fallen recently. Snow rakes, an item that many people have never heard of, have sold out at hardware stores. If you have a problem with your antenna installation, you don't want to even think about climbing on your roof without shoveling 24" of snow off of the roof first. And if your APS-13 is now folded in the center with bent elements instead of laying straight, it will just have to stay there for a while.

DX, for the moment, will have to wait. There are more important things to think about now.

## MEMBERS AND MORE

We added three more new WTFDAers this month. A big welcome goes out to **Rory Francisco** (VA), **Chris Lucas** (NY) and **Ron Schiller** (ID). Glad to have you all here!

During the period from 12/15 to 1/13/11 we received renewals from **James Roggentine** (CA), **Robert Fischer** (AK), **Adam Rivers** (MA), **Chester Jaffee** (CA), **Roger Sabella** (IL), **Girard Westerberg** (MO), **Ronald Ehlike** (WI), **John Rieger** (WI), **Les Rayburn** (AL), **Paul Mitschler** (NM), **Dave Pomeroy** (KS), **Les Prus** (VA), **Russ Edmunds** (PA), **Edward Cotton** (VA), **Gil Morgan** (MO), **Bruce Elving** (MN), **Calvin Glover** (NC), **Charles Gauthier** (QC), **Paul Hansen** (MA) and **Melvyn Larson** (MN). Thank you all for your support!

## MEMBER STUFF

Ron Schiller DXes with a Palstar R30, a Grundig S350 (I had one of those) and a Kia Soul car radio (I didn't have one of those).

Chris Lucas, dxing in the Poughkeepsie NY area, uses a Sony XDR-F1HD for FM and an Insignia NS-DXA1-APT for DTV, which is what I use myself.

Dave Pomeroy writes "Thanks for all of your hard work on behalf of the WTFDA. It continues to be greatly appreciated."

John Rieger says "Thanks for an excellent publication."

Wow! Two POBs (Pats on the back) in one month! That should keep me going for another sixty days! Thanks, guys!

Don Voegele sent this in the email; "KOCE-TV will take over as the leading PBS

station in Southern California on Jan. 1, and to help make that point to viewers the Orange County-based station announced Thursday it is changing its name to PBS SoCal.

The traditional call letters will remain, of course — they're required to use them by law. But the new name will be used to help market the station and create a new brand for it as most PBS programming shifts to KOCE from KCET-TV after the Los Angeles station and the network had a falling out over dues.

Starting in January, KOCE, which soon will move from Huntington Beach to Costa Mesa, will show nearly all of the best-known PBS series, shows such as "Masterpiece," "Antiques Roadshow," "Nova" and "American Experience." A few shows, such as "Charlie Rose" and "Independent Lens," will not appear on the station for now but instead will be broadcast by partner stations KVCR-TV in San Bernardino and KLCS-TV in Los Angeles.

We'll have more on the transformation of KOCE from a small Orange County station into the primary PBS station in the region in a few days, but for now you can check out the station's new website at [pbssocal.org](http://pbssocal.org)."

## THE YEAR END REVIEW



We ended 2010 with 267 WTFDAers, up six from the same time in 2009. For some unknown reason we had a drop-off from May to September, which is DX season. Figure that one out. Maybe some people were just too busy to renew.

That's it for this month. Some columns are missing so I'll try to make up for it. -Mike





# TV News

Douglas E. Smith  
 1389 Old Clarksville Pike  
 Pleasant View, TN  
 37146-8098  
[w9wi@w9wi.com](mailto:w9wi@w9wi.com)  
<http://www.w9wi.com>

**February 2011**

**Abbreviations:**

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

**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)

\* indicates this DTV facility replaces an analog facility on the same channel.



*CANADA:*

*British Columbia:*

Victoria 23 CIVI-DT NS 1.5kw/100m

*New Brunswick:*

Edmundston 4 CIMT-DT-1 NS 2.22kw/117m  
 Fredericton 19 CBAT-DT AF 7.8kw/103m, 45-56-51/66-35-40; CL from Saint John. See text.

Kedgwick 27 CHAU-DT-11NS 93w/67m  
 St.-Quentin 31 CHAU-DT-2 NS 226w/96m  
 Tracadie-Sheila 9 CHAU-DT-10NS 25w/49m

*Ontario:*

Thunder Bay 2 CKPR-DT AF 1.2kw/366m  
 Thunder Bay 4 CHFD-DT AF 1.2kw/366m  
 Toronto 20 CJMT-DT NS 14kw/198m

*Quebec:*

Anse-a-Valleau 12 CHAU-DT-9 NS 75w/54m  
 Baie-Saint-Paul 13 CIMT-DT-4 NS 40w/4m  
 Cabano 23 CIMT-DT-8 NS 101w/126m  
 Carleton-sur- 5 CHAU-DT NS 9.85kw/

Mer 482m  
 Chandler 26 CHAU-DT-4 NS 184w/22m  
 Cloridorme 11 CHAU-DT-8 NS 110w/30m  
 Gaspé 7 CHAU-DT-6 NS 130w/76m  
 Les Escoumins 35 CIMT-DT-7 NS 312w/88m  
 Perce 13 CHAU-DT-5 NS 10.375kw/390m  
 Port-Daniel 10 CHAU-DT-3 NS 21w/152m  
 Riviere-au- 4 CHAU-DT-7 NS 990w/228m  
 Renard  
 Riviere-du-Loup 29 CFTF-DT NS 44kw/341m, 47-34-38/69-22-56  
 Saint-Urbain 38 CIMT-DT-5 NS 394w/28m  
 Sainte-Marguerite-Marie 3 CHAU-DT-1 NS 1.68kw/200m  
 Sherbrooke 9 CKSH-DT NS 4.47kw/586m  
 Trois-Pistoles 13 CIMT-DT-2 NS 50w/51m  
 Trois-Rivieres 28 CKTM-DT NS 38.9kw/315m, 46-30-10/72-38-13



*USA:*

*Alabama:*  
 Huntsville 19 WHNT-TV GA from ch. 46, 1299kw.

*Alaska:*

Anchorage 33 KDMD NW 17.2kw/300m, 61-20-11/149-30-48  
 Girdwood 5 K05FW DC  
 Homer 7 K07PF DC  
 Kasilof 48 K48AC DC 1.3kw  
 Kenai 12 K12LA DC

Ninilchik	21	K21AM	DC
<i>Arizona:</i>			
Globe	16	K16FB	PR<5.1kw
Lake Havasu City	10	KBBA-LP	CX
Rock Springs	53	K53JJ	PR<9.99kw; CL from Peeples Valley
Safford	16	KZOL-LP	PR<7.2kw
Tucson	13	KOLD - 0227ABY	NW 300w, 32-14-57/111-06-57; DRT for ch. 32; using old analog antenna
<i>Arkansas:</i>			
El Dorado	43	KEJB	CX
Siloam Springs	33	KKAF-CD	DG 15kw
<i>California:</i>			
Bishop	20	KBBC-TV	PG<350w (aux)
Crescent C.	44	K44JF-D	CX
Huntington Beach	48	KOCE-TV	FC; see text
Lakeport	5	K05MI-D	CX
Los Angeles	3	KVTU-LP	XR 34-14-18/117-39-10; XG
Los Angeles	12	KTBV-LD	PR>300w dismissed but refilled & granted
Los Angeles	28	KCET	FC; see text
Merced	49	KMPH-LD	NW 3.8kw, 37-31-59/120-01-33
Monterey	8	KSBW	FC: adds ABC on 8-2
Redding	33	K33HH	FC; sold to KBLN
Sacramento	42	KMSX-LD	PC>15kw, 38-42-28/121-28-33
San Francisco	8	KDTS-LD	NW 220w, 37-53-34/121-53-53
Santa Barbara	26	K26FT	DC 203w
Santa Barbara	33, 40, 46, 48	NEW-lpdtv	AF dismissed
Ukiah	17, 21, 27, 31, 51	K17CG-D, K21CD-D, K27EE-D, K31GK-D, K51AQ-D	DG 2.24kw
Yreka	49	K49IG-D	FC; sold to KBLN
<i>Colorado:</i>			
Akron	33, 43	K33FI-D, K43FS-D	DG 199/196w
Denver	31	NEW-lpdtv	AF 15kw for analog ch. 6
Haxtun	31, 33, 35, 39, 41, 43	K31FZ, K33GM, K35GO, K39HM, K41IT, K43JJ	DR 250w
Holyoke	15, 19, 21, 25, 29	K15FD-D, K19EG-D, K21FF-D, K25GZ-D, K29GI-D	DG 215w
Idalia	14, 16, 20, 22, 24, 26	K14LB-D, K16EK-D, K20HM-, K22CQ-D, K24EZ-D, K26FP-D	DG 194w
Julesburg	47, 51	K47JH-D, K51IL-D	DG 183w
Julesburg	49	K49IN-D	DG 182w; DC
Longmont	30	K63AB	DR from ch. 63, 2kw, 39-54-48/105-17-33; CL from

Manitou Springs	7	K07PA	Estes Park
Peetz	18, 26, 28, 30, 32	K18FN-D, K26FM-D, K28FW-, K30FO-D, K32EX-D	DC 20w DG 214/ 211/ 211/ 210w
Peetz	20	K20FS	DC 198w
Pitkin	8, 10, 12	K08JZ, K10MA, K12AL	DC 70w
Pleasant Valley	14, 16, 18, 20, 26, 28, 30	K14KL-D, K16ET-D, K18GM-, K20GK-D, K26GX-D, K28IX-D, K30GO-D	DG 46w
Sargents	7, 11, 13	K07VH, K11TJ, K13ZS	DC 3w
Sterling	50	K50EE-D	DC 197w
Trinidad	15	K15GL	PG>730w, 37-14-14/104-30-52 CX, has flash-cut to DTV
Wray	46, 48, 50	K46FF-D, K48GA-D, K50FJ-D	DG 183w
Yuma	30, 32, 36, 40, 42	K30HA-D, K32AB-D, K36AC-D, K40CG-D, K42GI-D	DG 195/ 172/ 535/ 169/ 189w
<i>Connecticut:</i>			
Hartford	31	WTIC-TV	PC>495kw
<i>Delaware:</i>			
Dagsboro	12	NEW-lpdtv	AF dismissed (Ocean 60)
Dagsboro	14	W14DK-D	CX
Millsboro	4	WLWP-LP	renewal dismissed; CX
Wyoming	49	NEW-lpdtv	AF dismissed (Syncom Media Group)
<i>District of Columbia:</i>			
Washington	14	NEW-lpdtv	AF 15kw for analog ch. 49
Washington	32	NEW-lpdtv	AF 15kw, 38-56-24/77-04-54 for analog ch. 31 Annapolis, Md.
<i>Florida:</i>			
Brownsville	39	WMLD-LD	CX
Key West	19	WEYW-LP	XG 24-34-22/81-44-29
Miami	17	W64AN-D	QC from ch. 64, 25-59-09/80-11-37; CL from Homestead
Miami	51	WLMF-LP	DC from ch. 53, 15kw
Orlando	27	WRDQ	PR>1000kw/490m; to share antenna w/WFTV-39
Perry	15	WSFD-LD	CX (DCC for analog ch. 18)
St. Petersburg	4	WTSP - 0929ADR	XR 28-53-31/82-22-23; DRT for ch. 10
St. Petersburg	10	WTSP	PR 69kw/477m, 27-49-10/82-15-39
St. Petersburg	32	WTTA	QC from 57, 1000kw/467m
<i>Georgia:</i>			

Atlanta	30	WTBS-LD	NW 15kw, 33-48-26/ 84-20-22; DCC for analog 26		32, 35, 42	Spectrum Services Two)	
Dalton	16	WELF-TV	PG 360kw/ 413m, 34-49-23/ 85-25-06		46	WOOD - 0714ABY NW 3.1kw, 43-15-45/ 86-04-34; DRT for ch. 7 Grand Rapids	
La Grange	26	W26DS-D	PR>15kw				
La Grange	32	W32DU-D	PR>5kw, 33-03-00/ 85-13-57				
<i>Hawaii:</i>							
Waimanalo	15	KUPU	NS 49.6kw/ 687m at 21-24-22/ 158-06-01				
<i>Idaho:</i>							
Boise	31	K31CI-D	DG 90w				
Cambridge	55	K55GM	CX				
Cascade	11	K11GR	CX				
Dingle	9, 11, 13	K09PL-D, K11PP-D, K13QY-D	DG 20w				
Driggs	7	K07QC-D	DG 300w				
Glenns Ferry	9	K09HS	CX				
Grangeville	46	K46HX	DC 15kw				
Leadore	11	K11BD	DC				
Lemhi	5	K05BE	DC 13w				
Lowman	13	K13IA	CX				
McCall	10	K10FD	CX				
Montpelier	14	K14NT-D	DG from K54DY, 90w				
Montpelier	19, 21, 23, 25, 27, 33	K19DQ- K21CE-D, K23BV-D, K25CK-D, K27CS-D, K33DR-D	DG 90w				
Pocatello	34	KXPI-LP	DC from ch. 24, 5.2kw				
Salmon	11	K11TY	DC 18w				
Salmon	30, 34	K30BU, K34CB	DC 10w/ 70w				
Sandpoint	49	K24DW	DR from ch. 24, 512w				
<i>Illinois:</i>							
Chicago	48	WMEU-CA	CC from WCUU-CA				
Decatur	18	WAND	PR>1000kw/ 392m; PA to ch. 17/900kw				
Sugar Grove	40	W40CN	DC from ch. 54, 15kw				
<i>Indiana:</i>							
Indianapolis	17	WIIH-CA	CX				
<i>Kansas:</i>							
Junction City	6	KTLJ-CA	CX				
Topeka	12	KSQA	PR>3.5kw/ 39m, 39-03-01/ 95-40-30; PG				
Topeka	13	WIBW-TV	PG>42kw; PC				
Wichita	33	KSCW - 1223ABX	AF 15kw, 37-45-02/ 97-18-12; DRT for ch. 12				
<i>Maine:</i>							
Bangor	13	WABI-TV	QC from 19, 12kw/391m				
Fairfield	31, 51	NEW-lpdtv	AF dismissed				
<i>Massachusetts:</i>							
Boston	42	WHDH	PC>1000kw				
<i>Michigan:</i>							
Flint	20	WHNE-LD	QR from ch. 26, 15kw, 42-26-53/ 83-10-23				
Lansing	25,	NEW-lpdtv	AF dismissed (CTB				
Muskegon	46	WOOD - 0714ABY					
<i>Minnesota:</i>							
Geneva	48	K48KJ-D	PR>4.92kw, 44-02-46/ 93-23-03				
Granite Falls	16,1 8, 22, 24,2 9, 32, 35, 40, 45	K16CP, K18DI, K22DO, K24CS, K63AU, K32DR, K35DK, K67AN, K45DJ	DR 1.8kw; DG, except chs. 18, 29, and 40				
Granite Falls	21, 41, 49	K26DG, K69DP, K47EA	DR from K26DG/ K69DP/ K47EA, 1.8kw; supercedes K211P/ K41KG/ K49KM				
Minneapolis	33	K14KH	DR from ch. 14, 15kw				
Redwood Falls	28, 33, 36	K66BB, K62AA, K68BJ	DC from chs. 66, 62, 68, 900w				
Walker	51	K51KE	DC 2.12kw				
Willmar	28	K28IF-D	DG 650w				
<i>Mississippi:</i>							
Jackson	23	WWJX-DT	PA from 51, 50kw/150m				
<i>Missouri:</i>							
Kansas City	29	KMBC-TV	AF 91.2kw/ 283m (aux)				
Kansas City	31	KCWE	AF 89.1kw/ 283m (aux)				
Kansas City	45	K45IO	DC 15kw				
St. Louis	38	K38HD	DC 15kw				
<i>Montana:</i>							
Dodson	8, 10, 12	K08FS-D, K10FC-D, K12GP-D	DG 1/ 2/ 2w, 48-23-30/ 108-10-00				
Dodson	36	K36CW-D	DG 93w, 48-23-38/ 108-09-21				
Great Falls	45	KTGF	NW 780w/ 160m				
Helena	25	KXLH-LP	CX				
Hinsdale	5, 7, 10, 13	K05IZ, K07DI, K10JK, K13JO	DR 3w (22w on ch. 13)				
Hinsdale	42	K42FP	DR 75w; DG				
Malta	7, 11, 13	K07IC-D, K11IH-D, K13GP-D	DG 9w				
Malta	9	K09JG-D	DG 9w, 48-20-41/ 107-52-13; CL from Loring				
<i>Nebraska:</i>							
Columbus	46, 48	NEW-lpdtv	AF dismissed (EICB- TV East)				
Lincoln	18, 35	K18CD, KWAZ-LP	DR 15kw				
<i>Nevada:</i>							
Alamo	8	K08PE-D	NW 103w, 37-20-39/ 115-15-25				
Ely	27	KBNY	CX				
Jean	34	K34LI-D	NW 597w, 35-53-33/ 115-29-39				

Las Vegas	19	KHDF-CD	DG DC 8kw, 36-00-37/ 115-00-20
Mesquite	25	K25LU-D	NW 515w, 36-49-55/ 114-03-32
<i>New Hampshire:</i>			
Charlestown	26	WVBQ-LP	DR from ch. 47, 15kw, 43-26-15/ 72-27-08
Concord	4	W39AR	DR from ch. 39 300w, 43-11-04/ 71-19-12
Manchester	7	NEW-lpdtv	AF 300w, 42-58-54/ 71-35-21, DCC for W28CM
Manchester	7	W28CM	DR from ch. 28 300w, 42-58-54/ 71-35-21
Nashua	3	W33AK	DR from ch. 33 300w, 43-11-04/ 71-19-12
Nashua	13	WYCN-LP	PC<16w, 42-44-26/ 71-27-21
Nashua	36	WYCN-LP	DR from ch. 13, 15kw, 42-44-07/ 71-23-36
<i>New Jersey:</i>			
Edison	23	WDVB-LD	NW 2kw, DCC for analog 39
Newark	30	WFUT-DT	NW 80kw/ 309m, 40-45-22/ 73-59-12 (aux)
Paterson	40	WXTV-DT	NW 200kw/ 321m, 40-45-22/ 73-59-12 (aux)
<i>New Mexico:</i>			
Carlsbad	63	KCGD-LP	CX
Clovis	34	KCVP-LP	CX
Hobbs	52	KHLC-LP	CX
Roswell	33	KKGD-LP	CX
Roswell	44	KPLP-LP	CX
Shiprock	48	K48AW-D	DG 2.71kw
Tohatchi	38	K38AU-D	DG 2.62kw, 35-54-37/ 108-46-26; CL from Crownpoint
<i>New York:</i>			
Plattsburgh	14	WPTZ	CL changed from North Pole.
<i>North Carolina:</i>			
Canton	27	WUNW	PR<7kw/474mPG; PC; but immediately requested increase back to 50kw/503m
Charlotte	11	WTVI	PC>2.57kw
Hickory	14	WTVI - 0114ACC	NW 2kw, 35-43-59/ 81-19-51; DRT for Charlotte 11
Raleigh	45	WWIW-LP	DC from ch. 66, 5kw (supercedes permit for DCC on ch. 21)
Wilmington	51	W51CW-	PG>15kw
<i>Ohio:</i>			
Cincinnati	22	WCPO-TV	QC from 10, 910kw/298m
Cincinnati	36	WDYC-LD	PG<9kw, 39-06-59/ 84-30-07
Mansfield	43	W47AB-D	QC from ch. 47, 11kw
Maplewood	32	W63AH	DC from ch. 63, 6.8kw, 40-33-10/ 84-31-02
Marion	39	WOCB-CD	PG>2.4kw, 40-18-47/

Newcomerstown	29	WIVN-LP	83-03-04; Public Notice says Marion, Indiana but Ohio is correct.
Toledo	13	WTVG	DC 7.4kw PR>16.7kw
<i>Oklahoma:</i>			
Ardmore	41	KCYH-LP	DR 15kw; amendment to remove site change
Oklahoma City	31	KLHO-D	NW 15kw, DCC for analog 17
<i>Oregon:</i>			
Coos Bay	16	K16IE-D	NW 3kw, 43-18-42/ 124-14-11
Grants Pass	22	K22FC-D	DG 74w
Huntington	10	K10GQ	CX
Jordan Valley	11	K11LS	CX
Salem	49	KWVT-LP	DR from ch. 17, 14.2kw, 45-31-23/ 122-45-07; site is in the Portland tower farm; DG
Shady Cove	13	K13PE	DR 8w, 42-42-22/ 122-48-34
Williams	2	K02JJ	DR 70w, 42-22-56/ 123-16-29
<i>Pennsylvania:</i>			
Altoona	22	WJAC - 0721DAB	NW 7.5kw, 40-34-09/ 78-26-27; DRT for ch. 34 Johnstown
Brookville	45	W45BT-D	PG<6kw
Middleburg	16	W16CO-D	DG from W18BC, 6kw
Philadelphia	45	WFMZ - 1216AAE	AF 300w, 40-02-33/ 75-14-33; DRT for ch. 46 Allentown
<i>South Carolina:</i>			
Hilton Head Island	30	W30CV-D	NW 450w, 32-09-17/ 80-45-47
<i>South Dakota:</i>			
Sioux Falls	35	NEW-lpdtv	AF dismissed (Casey C. Peterson)
<i>Tennessee:</i>			
Lawrenceburg	13	WLLP-CA	CX
Memphis	10	NEW-dtv	Extension of permit dismissed, permit allowed to expire (WKNO)
Memphis	21	WDNM-LP	DC from ch. 19, 15kw
Memphis	28	WREG	FC; adds Antenna TV on 3.3
White House	40	WKUW-LD	PR>5.3kw, 36-32-56/ 86-36-54; CL from Bowling Green, Ky.
<i>Texas:</i>			
Abilene	63	KPTA-LP	CX
Beaumont	22	KUMY-LP	DR 1.99kw, 30-06-35/ 94-01-42
Big Spring	46	K46FO	CX
Dallas	8	WFAA	PG>55kw/ 510m; PC
Dallas	21	KWDA-LD	PG<2kw, 32-46-48/ 96-48-13; CL from Denison
Dallas	25	K25FW	DC 15kw; CL from Corsicana
El Paso	16	KTSM-TV	PA from ch. 9, 250kw/577m
Houston	26	KRIV	AF 205kw/ 534m (aux)

Houston	49	KEHO-LD	PG<5kw, 29-45-36/ 95-21-49; CL from Beaumont
<b>Katy</b>	<b>47</b>	<b>KYAZ</b>	<b>FC to Azteca; CC from KNWS-TV</b>
<b>Lake Dallas</b>	<b>39</b>	<b>KAZD</b>	<b>FC to Azteca; CC from KLDL</b>
Lamesa	47	KPTR-LP	CX
Laredo	31	KETF-CA	DC from ch. 25, 15kw, 27-31-12/ 99-31-19
Lufkin	48	KLNK-LP	DC 12.82kw
McCamey	50	K50ED	CX
<b>Midland</b>	<b>26</b>	<b>KMID</b>	<b>PG&lt;275m, 32-05-51/ 102-17-21; to move to KPEJ-23 tower</b>
Monahans	27	KPDN-LP	CX
Plainview	53	KPGD-LP	CX
Quanah	27, 29, 31, 33	K27HM, K29FR, K31HC, K33HG	DC 250w
<b>Rosenberg</b>	<b>45</b>	<b>KXLN-DT</b>	<b>AF 340kw/ 579m, 29-34-15/ 95-30-37 (aux)</b>
<i>San Antonio</i>	<i>42</i>	<i>KSSJ-LP</i>	<i>PG&gt;50kw, 29-41-06/ 98-26-59</i>
Seminole	49	KSGD-LP	CX
Utopia	16	K16IV-D	DG from K17GL, 15kw, 29-21-46/ 99-37-14; CL from Uvalde
Welch	19	KWGD-LP	CX
Wichita Falls	30	K30LD-D	PR<100w, 33-54-31/ 98-29-45
<i>Utah:</i>			
Circleville	23, 25, 27	K23KW- K25LS-D K27KU-D	NW 6w, 38-12-41/ 112-14-04
Duchesne	30, 33, 38	K30LF-D K33LA-D K38MF-D	NW 102w, 40-09-18/ 110-23-29
Escalante	17, 19, 21, 23	K17IA-D K19GV-D K21IQ-D K23IW-D	PR>90w, 37-47-11/ 111-35-40
Koosharem	38, 39, 43, 47, 49	K38KA-D K39JD-D K43KM- K47KR-D K49JP-D	PC>63w
Koosharem	40	K40KP-D	PR>63w
Logan	26	KCVB-LD	PR>535w
Modena	23, 25, 27	K23DV, K25GY, K27GB	DR 100w
Ogden	17	KQTI-LD	QR from ch. 14, 1.96kw, 41-12-00/ 111-52-55
Ogden	41	KOUD-LP	CX
Panguitch	45	K45LF-D	NW 6w, 37-49-16/ 112-27-29
Richfield	32	K32HU-D	PG>63w; PC
Richfield	39	K39KX-D	NW 63w, 38-38-05/ 112-03-34
Roosevelt	40	K40LN-D	NW 85w, 40-19-27/ 110-09-19
<i>St. George</i>	<i>6</i>	<i>KGHD-LP</i>	<i>PG&gt;3kw, 36-35-06/ 114-36-01</i>
St. George	16	K16DS	DR 250w; DG
<b>Vernal</b>	<b>16</b>	<b>KBCJ-DT</b>	<b>CX</b>
<i>Vermont:</i>			
Manchester	2	WVBK-CA	DR 300w, 42-58-28/ 72-36-10; DG

Manchester	30	NEW-Ipdtv	AF 796w, 43-09-57/ 73-06-57 for W36AX
Pownal	46	NEW-Ipdtv	AF 538w for W53AS
<i>Virginia:</i>			
Bridgewater	41	W41DT-D	NW 15kw, 38-09-55/ 79-18-44
Hampton	10	WTTD-LD	NW 300w; DCC for analog ch. 53
Harrisonburg	42	WHSV - 0401APJ	NW 1kw, 38-57-36/ 78-19-52; DRT for ch. 49
Onancock	25, 34	W25AA- W34DN-	DG 7.9/ 7.7kw
<i>Washington:</i>			
<i>Bellingham</i>	<i>6</i>	<i>K60GV-D</i>	<i>QR from ch. 60, 3kw dismissed going for DTV on 60 instead</i>
Centralia	19	KCKA	PC>187kw/ 347m
Tacoma	27	KBTC-TV	PG>100kw/ 220m; PC
<i>West Virginia:</i>			
Clarksburg	46	W46EJ-D	DG from W21CJ, 4.75kw
<i>Wisconsin:</i>			
Columbus	30	WWAZ - 0223ABX	PR>5kw; DRT for Fond du Lac ch. 5
Ripon	15	WWAZ - 0223ABX	PR>7kw; DRT for Fond du Lac ch. 5
<i>Wyoming:</i>			
Casper	47	K47MW-D	NW 900w, 42-44-26/ 106-21-36
Clarks Fork	35	K35IV-D	CX
Evanston	27	K28DV	DC 550w
Glendo	21	K21HQ	DR 250w
Sheridan	7	KJCW	CX

Thanks to Bill Draeb, Trip Erickson, and Bill Hale for information appearing elsewhere in this column.

The FCC has announced the auctions of the new VHF low-band full-power channels assigned to Seaford, Delaware (channel 5) and Atlantic City, New Jersey. (channel 4) 14 valid (complete) and two incomplete applications were filed.

Applicants for both channels:

- Avinash C. Ahuga
- Ann Brueggemann
- George S. Flinn Jr.
- Mi Hyon Lim
- PMCM TV LLC
- S&B Broadcasting Co.

Applicants for only Atlantic City ch. 4:

- Loop Media LLC
- Word of God Fellowship (Daystar)

Nobody filed for only Seaford. Revolution Transport Services and Western Pacific Broadcasters LLC filed incomplete applications; the FCC didn't specify which channel(s) they applied for.

The auction will begin on February 15<sup>th</sup>. The incomplete applications will be accepted to participate if they file corrective amendments by



January 21<sup>st</sup>.

I would imagine we will have construction permits sometime this spring. When – and if – they're built, I'm not going to venture a guess.

Yes, the power for KTGF is 780 watts, **not** 780 kilowatts.

White House, Tennessee, proposed new home for WKUW-LD, is about 15 miles northeast of Nashville.

The listed “new station” for KUPU-15 in Hawaii is part of a Distributed Transmission System. (DTS) It goes with their existing transmitter on the same channel at a different site.

WFMZ, Allentown, Pennsylvania has applied for a Digital Replacement Translator on channel 45 in Philadelphia. As you may remember from last month, they have also filed for a Distributed Transmission System (DTS) with a second transmitter on the same channel (46) as their main transmitter in Allentown. The Replacement Translator on channel 45 is to be on the same tower as the DTS transmitter on channel 46.

But there's more... They have a third application on file, also for a Replacement Translator, on the same tower, and this time on channel 47.

The FCC has refused to extend the expired permit for a new non-commercial full-power DTV station on channel 10 in Memphis. The station would have been a second channel for Memphis' existing public TV station WKNO, which had operated on *analog* channel 10 but whose digital transmitter is on channel 29.

In the Los Angeles area, KCET-28 has dropped PBS. It remains a non-commercial station with similar programming. Some of the shows you probably associate with PBS – shows which air on your local PBS station – are in fact not coming from PBS. BBC programming, for example, is distributed separately. (and will remain on KCET)

KOCE-50 (RF 48) has made some changes to fill in the gaps in PBS programming.

WOGB-CD Marion, Ohio has filed an application to make some minor changes, so minor that they don't affect anything I report in this column. (tower location, power, channel, antenna height)

There is one thing, however, which I do report which they seem to wish to change – the state they're authorized to serve. They propose to change their principal community from Marion, Ohio to Marion, Indiana.

I am quite confident the entry of Marion, Indiana is a typo. The transmitter coordinates remain very close to the reference coordinates of the Ohio Marion, and quite some distance from the Indiana city.

WPTZ-5 (RF 14) has been granted permission to change its city of license from North Pole, New

York to Plattsburgh. This move deletes North Pole's only allocation, something not ordinarily permitted. However, the station showed that the community of North Pole no longer exists, at least not as a community of sufficient coherence to be the community of license of a TV station.

WPTZ's main studio was already in Plattsburgh.

K24DW in Idaho hopes the third time's the charm.. They had previously applied to convert to digital operation on channel 22, then on channel 30. They're now trying for DTV channel 49. All three applications specified the same power.

WHNT's petition to amend the channel assignment table proposes to undo a previously-proposed move from channel 19 to channel 46. Channel 46 was originally requested because WHNT's power on channel 19 would be limited by the need to protect WYLE in nearby Florence on channel 20.

WYLE has since been deleted. The station remained off the air for over a year, with the FCC holding that broadcasting a test pattern for a few hours didn't constitute “operation”.

CKPR and CHFD in Ontario propose to use their existing analog antennas for their digital operations. This means they will not be using their originally-assigned UHF digital channels 49 and 46 respectively.

The use of low-band VHF at fairly low power will considerably limit the coverage of these two stations. That said, it probably won't affect them significantly. The rural population outside the City of Thunder Bay is fairly small, and in any case, almost all of them have either cable or satellite.

On a similar subject, CBAT-DT appears to propose to use the antenna (and possibly the transmitter) of the existing French-language CBAFT relay in Fredericton. The existing CBAT analog transmitter is located between Fredericton and Saint John, and serves both cities.

The listed community of license is currently Saint John, but the public notice lists CBAT as a Fredericton station. Note that the city-of-license rules are nowhere near as strict in Canada as they are in the U.S.. The CRTC conversion policy calls for conversion of stations in provincial capitals – Fredericton is the capital of New Brunswick.

The proposed digital transmitter will serve only Fredericton, leaving Saint John without over-the-air CBC service. The CRTC notice notes this is in violation of the digital conversion policy. It will be interesting to see whether it gets approved anyway...

Good DX!





# FM NEWS



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## 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

FC: frequency change (to or from)  
 \$: Stereo  
 STA: Special Temporary Authority  
 XL: Transmitter Location

Note: antenna heights are HAAT except where noted

### CC CANADA CC

#### C CALL LETTER CHANGES C

ON Cochrane	104.7	<u>Old Call</u>	<u>New Call</u>	ON Ottawa	97.5	CIIO-FM	CIIF-FM
ON Ottawa	96.1	NEW	CFDY-FM	QC Mutton Bay		NEW	CFTH-FM2

#### C FORMAT and SLOGAN CHANGES C

AB Calgary	95.9	CHFM-FM	>	<i>Lite 95 point 9</i>
BC Kelowna	101.5	CILK-FM	>	<i>EZ Rock</i>
MB Winnipeg	94.3	CHIQ-FM	>	<i>Classic Hits: Fab 94 point 3</i>

#### C TECHNICAL CHANGES C

##### CP granted for:

ON London	98.1	CKLO-FM	40 kw/150 m, DA, XL to 42-56-29/81-08-03; Class B from B1
ON Pembroke	104.9	CIMY-FM	31.6 kw/91 m, 45-47-21/77-11-04, DA; Class B from A
ON Perth	88.1	CHLK-FM	5.4 kw-V/92 m, 44-54-34/76-16-51
ON Renfrew	96.1	CHMY-FM	7.1 kw/129 m, 45-29-34/76-42-09; Class B1 from A
ON Toronto	101.3	CHIN-1-FM	5 kw/86 m, DA, 43-45-29/79-26-13
QC Baie Des Moutons	98.5	CFTH-FM-2	145 w-V/158 m, XL to 50-47-13/59-00-28; Class A from LP
QC Rouyn Noranda	98.3	CHUN-FM	3.4 kw/103 m, 48-18-05/79-03-08

#### C TECHNICAL CHANGES BB

##### GRANTS FOR NEW STATIONS

##### CP granted for:

AB Edson	97.5	VF2587	50 w-V/9 m, 53-35-20/116-26-40; Class LP; \$; will be // VOAR-1210 St. John-s, NF [Religion]
AB Gadsby	100.9	VF2586	50 w-V/9 m, 52-19-07/112-21-23; Class LP; \$; will be // VOAR-1210 St. John-s, NF [Religion]
AB Hobbema	88.7	VF2585	50-w-V/21 m, 52-46-16/113-33-21; Class LP; will be // VOAR-1210 St. John-s, NF [Religion]
BC Rock Creek	101.1	VF2584	3.4 w-V/3 m, 49-04-32/119-01-12; Class LP; will be // VOAR-1210 St. John-s, NF [Religion]
ON Ottawa	96.1	CIIO-FM	25 w-V/84 m, 45-22-10/75-42-15; Class LP; will be Tourist Information
SK Island Lake	106.5	NEW	33.3 w/15 m, 54-02-17/107-42-36; English/Cree [First Nations station]

#### C TECHNICAL CHANGES C

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

##### Applies for:

BC Rossland	101.1	CHLI-FM	20 w/-66 m, XL to 49-04-38/117-48-22; Class VLP to LP; \$ from Mono
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#### C TECHNICAL CHANGES C

##### PROPOSALS FOR NEW STATIONS

##### Applies for:

ON Fergus	92.9	CICW-FM	200 w/54 m, 43-42-04/80-23-11; Class A1; would be Community
ON Nipissing	97.1	NEW	77.6 kw/136 m, DA, 46-25-10/79-56-04; Class C1; \$
QC Cloridorme	98.9	CJRG-FM-7	250w-V/-85m, 49-11-28/64-52-18, Class A1; \$; would relay CJRG-FM
QC Grande-Vallée	98.5	CJRG-FM-5	250 w-V/-111m, 49-13-34/65-07-30; Class A1; \$; would relay CJRG-FM
QC Petite-Vallée	99.9	CJRG-FM-6	250w-V/-114m, 49-13-10/65-02-04; Class A1; \$; would relay CJRG-FM
QC Shawinigan	91.1	CFUT-FM	31.291 kw/152 m, 46-29-50/72-38-25; FC to 88.1; Class B from A1

#### C DISMISSALS C

ON Prince Edward Co.	89.5	-----	Application for a new station denied
QC Mont Saint Claire	105.9	-----	Application for a new station
QC Rivière-du-Loup	102.5	-----	Application for a new station

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>
AZ	Chuichu	91.1 NEW	KVNG	AR	Texarkana	107.1 KFYX	KTFS-FM
AZ	Heber	105.5 KZOH	KSNX	CA	Cedarville	88.9 NEW	KVYA
AR	Searcy	88.7 NEW	KLUY	CA	Cedarville	90.3 NEW	KBIP
CO	Centennial	101.1 KKHI	KXWA	NC	Oak Island	98.3 WSFM	WUIN
CO	Creede	88.9 NEW	KRIX	NC	Yadkin	90.3 NEW	WEAJ
CO	Loveland	89.7 KXWA	KXGR	OH	Baltimore	102.5 WCVZ	WWCD
CO	Loveland	93.9 KRKU	KCWA	OH	Cleveland	106.5 WMVX	WHLK
FL	Eastpoint	104.5 WOYY	WZFR	OH	Morristown	90.5 NEW	WAOM
FL	Inglis	104.3 WIFL	WYKE-FM	OH	North Madison	93.7 NEW	WQGR
FL	Miami	93.1 WHDR	WFEZ	OR	Florence	90.7 NEW	KXCR
GA	Clarkesville	102.9 WMJE	WDUN-FM	PA	Cambridge Springs	89.9 NEW	WCGF
HI	Hana	88.3 KHPH	KIPH	PA	Greenville	107.1 WEXC	WLXV
HI	Honolulu	99.5 KHUI	KGU-FM	PA	Elysburg	90.9 NEW	WEVW
IL	Round Lake Beach	89.1 WOFM	WJKE	PA	Longswamp Township	91.3 NEW	WKTW
	but soon afterward . . .	WJKE	WJLV	PA	New Kensington	100.7 WZPT	WBZZ
IL	Wonder Lake	91.3 NEW	WTZY	SC	Enoree	88.1 WNRE	WUBK
IN	Franklin	95.9 WFDM	WFDM-FM	TN	Alcoa	89.1 WYLV	WOFM
KS	Chanute	90.3 KJVL	KANQ	TN	Lynchburg	93.9 NEW	WHWA
KS	Hutchinson	88.1 NEW	KJVL	TN	Maynardville	88.3 WDLF	WYLV
KY	Glasgow	89.3 NEW	WZVK	TX	Breckenridge	89.9 KDRG	KQXB
LA	Simmesport	105.3 KXKW	KSLO-FM	TX	Fredericksburg	91.1 NEW	KIVM
LA	Wilson	90.9 NEW	WJVI	VI	Christiansted	91.9 NEW	WPPD
MI	Luna Pier	98.3 WTWB-FM	WMIM	VA	Charlottesville	107.5 WWTJ	WCHV-FM
MI	Muskegon	106.9 WMUS	WOOD-FM	VA	Drakes Branch	88.7 NEW	WGFV
MI	Muskegon	107.9 WSHZ	WMUS	VA	Eastville	91.9 NEW	WHRJ
MO	Bridgeton	100.3 WSDD	WSGX		but wait . . .	WHRJ	WHRE
NY	Malta	105.7 WBZZ	WQSH	VA	Nassawadox	90.1 WHRE	WHRJ
NY	Center Moriches	96.1 WKJI	WJVC	WI	Forestville	91.7 NEW	WQQA
NY	Southampton	88.3 WLIU	WPPB	WV	Webster Springs	89.3 NEW	WWHA
NC	Carolina Beach	106.7 WUIN	WMYT	WY	La Barge	88.9 NEW	KDEB

TRANSLATORS and BOOSTER STATIONS

C CALL LETTER CHANGES C

		<u>Old Call</u>	<u>New Call</u>				
CA	Sunnymead Ranch	104.7 KQIE-1	KQIE-FM1	NM	Tucumcari	88.3 K205EV	K202EF
GA	Waleska	90.7 W213BV	W214AS	NY	Geneva	95.7 W292DQ	W239BJ
HI	Wailuku	107.1 K297AC	K296GD	ND	Grafton	89.5 W205BM	W208BM
IL	Petersburg	100.3 W259AZ	W262BZ	VT	Montpelier	95.7 K237CV	K239BG
KS	Hays	88.5 K201HH	K203FB			106.5 W292DS	W293BR
MS	Poplarville	99.7 W260AZ	W259BH				

C FORMAT AND SLOGAN CHANGES C

C Full Power and LP Facilities C

AZ	Dewey	97.5 KMVA	> Top 40: <i>Hot 97 point 5</i>
AR	Texarkana	107.1 KTFS-FM	> Talk: <i>Freedom 107 // KTFS-940 Texarkana, Texas</i>
CA	Dunnigan	105.5 KSAC-FM	> Business Talk: <i>Money 105 point 5</i>
CA	Ellwood	94.5 KFYZ	> Hot Adult Contemporary: <i>Z 94 point 5</i>
CA	Fresno	102.7 KHGE	Remains Country, but now is <i>102 point 7, The Wolf</i>
CA	McKinley	95.1 KMDR	Signs on with AC: <i>Mix 95 point 1</i>
CA	Madera	107.1 KHIT-FM	> Spanish AC: <i>Exitos 107 point 1</i>
CA	San Francisco	99.7 KMQV-FM	> <i>99 point 7 Now</i>
CA	San Francisco	102.1 KDFC	> <i>op, "K Fox // 98.5 San Jose</i>
CA	Stockton	107.3 KLVS	> Religion: <i>K-Love</i>
CO	Creede	88.9 KRIX	New station signs on with Religious Teaching // KTLF 90.5
CO	Loveland	89.7 KXWA	> Religion: <i>89 point 7, Grace FM</i>
FL	Miami	93.1 WFEZ	> Soft AC: <i>Easy 93</i>
HI	Honolulu	99.5 KGU-FM	> Religion // KGU-760: <i>Hawaii's Christian Talk</i>
ID	Grangeville	88.3 KKAG	Signs on with Religion
ID	Menan	90.9 KTSJ	Signs on with Contemporary Christian // KTSY 89.5 Caldwell: <i>90 point 9 FM, KTSJ</i>
IL	Canton	107.9 WCDD	> Country: <i>CD Country 107 point 9</i>
IL	Rosemont	88.1 WTZI	Signs on with Religious Teaching: Calvary Radio Network
IL	Viriden	96.7 WCVS-FM	> Classic Rock: <i>96 point 7, the Boss</i>
IN	Lowell	88.5 WTMK	> Contemporary Christian: <i>Shine-FM</i>
KS	Hays	88.1 KVDM	Signs on with Religious Teaching: <i>Divine Mercy Radio 88 point 1</i>
KS	Marysville	91.7 KMLL	Signs on with Contemporary Christian: <i>American Family Radio</i>
KS	Norton	91.5 KSNB	Signs on with Contemporary Christian: <i>American Family Radio</i>
KS	Scott City	88.5 KJLJ	Signs on with Contemporary Christian: <i>Radio for Life</i>
KY	Glasgow	89.3 WZVK	Signs on with Contemporary Christian: <i>Christian Family Radio</i>
KY	Wilmore	95.3 WVRB	> Contemporary Christian: <i>K-Love</i>
LA	Farmerville	92.7 KBYO-FM	> Hot AC: <i>Fun 92 point 7</i>
MD	Snow Hill	101.1 WQMR	> Adult Hits: <i>Q101</i>
MI	Dearborn	100.3 WNIC	> Hot Adult Contemporary: <i>Fresh 100 point 3</i>

MI Grand Ledge	92.9	WLMI	> Classic Hits: <i>Lansing's Greatest Hits, WLMI 92 point 9</i>
MI McBain	107.9	WCDY	> Hot AC: <i>The New 107 point 9 CDY</i>
MI Muskegon	107.9	WMUS	> Country: <i>107 MUS</i>
MI St. Johns	92.1	WQTX	> Country: <i>Big Country 92 point 1</i>
MO Bridgeton	100.3	WSGX	> Adult Hits: <i>100 point 3 Gen X Radio</i>
MO Kansas City	102.1	KCKC	> Modern AC: <i>Alice 102 point 1</i>
MO St. Louis	102.5	KEZK	> Adult Contemporary: <i>Fresh 102 point 5</i>
MT Roundup	88.3	KLMB	Signs on with Country: <i>Panther Country Radio</i>
NE Valentine	89.3	KKNL	Signs on with Religious Teaching: <i>American Family Radio</i>
NM Cloudcroft	96.7	KNMB	> Hot Adult Contemporary: <i>The Mix 96 point 7</i>
NM Tatum	107.1	KTUM	> Rock: <i>The Nerve, 107 point 1</i>
NY Center Moriches	96.1	WJVC	> Country: <i>My Country // WKJY 98.3 Hempstead</i>
NY Essex	101.3	WCPV	> Sports: <i>ESPN 101.3</i>
NY Malta	105.7	WQSH	> Adult Hits: <i>105 point 7 Crush FM</i>
NY Solvay	106.9	WSYR-FM	> News/Talk: <i>FM Newsradio, 106 point 9 WSYR</i>
NC Carolina Beach	106.7	WMYT	> Religious Teaching: <i>The Word</i>
NC Jacksonville	98.7	WLGD	> Modern Rock: <i>Modern Rock 98 point 7</i>
NC Oak Island	98.3	WSFM	> AAA: <i>The Penguin</i>
OH Chillicothe	91.1	WOSE	> Classical: <i>Classical 101 // WOSA 101.1 Grove City</i>
OH Cleveland	106.5	WMVX	> Adult Hits: <i>106 point 5, The Lake</i>
OH Columbus	89.7	WOSU-FM	> NPR News-Talk: <i>WOSU-FM 89 point 7 NPR News // WOSU-820 Columbus</i>
OH Mansfield	91.7	WOSV	> Classical: <i>Classical 101 // WOSA 101.1 Grove City</i>
OH Marion	91.1	WOSB	> Classical: <i>Classical 101 // WOSA 101.1 Grove City</i>
OH Portsmouth	91.5	WOSP	> Classical: <i>Classical 101 // WOSA 101.1 Grove City</i>
OK Guymon	88.1	KJDR	Signs on with Religion // <i>KJRT 88.3 Amarillo, Texas</i>
OK Stillwater	88.3	KOSR	Signs on with News/Talk/Classical: <i>Oklahoma Public Radio // KOSU 91.7 Stillwater</i>
OK Woodward	88.1	KWOU	Signs on with NPR News/Talk // <i>KGOU-106.3 Norman</i>
OR Madras	89.1	KBYT	Signs on with Spanish Adult Contemporary
SD Spearfish	91.9	KYSD	Signs on with News/Talk/Classical: <i>South Dakota Public Radio</i>
TN Alcoa	89.1	WYLV	> Christian Rock: <i>EMF Air 1</i>
TN Dibrell	88.3	WRCC	Signs on with Southern Gospel
TN Maynardsville	88.3	WDLF	> Contemporary Christian: <i>EMF K-Love</i>
TX Ginger	91.5	KYFA-FM	Signs on with Spanish Religion
TX San Angelo	98.7	KELI	> Adult Contemporary: <i>Magic 98 point 7</i>
UT Beaver	90.7	KEZB	Signs on with Religion: <i>Radio Beaver 90 point 7</i>
UT Price	91.9	KEYP	Signs on with Religious Teaching // <i>KEYY-1450 Provo: The Key To Life Is Jesus Christ</i>
UT Richfield	91.7	KEYR	Signs on with Religious Teaching // <i>KEYY-1450 Provo: The Key To Life Is Jesus Christ</i>
WA Seattle	95.7	KJR-FM	> Remains Classic Hits, but now is <i>Oldies 95 point 7</i>
WA Seattle	98.9	KWJZ	> Modern Adult Contemporary: <i>Click 98 point 9, Modern Music</i>

### C Translator and LP Facilities C

#### Carries the programming of:

AZ Lake Havasu City	91.7	K219LM	KTPH 91.7 Tonopah, Nevada
AZ Mojave Valley	97.5	K248BJ	KJJJ 102.3 Laughlin, Nevada
CA El Paso de Robles	106.5	K293AW	KLVH 88.5 San Luis Obispo
CA Shasta	98.5	K253AX	KKLC 107.9 Fall River Mills
GA Douglas	88.1	W201DJ	WJEP 91.1 Cusseta
GA St. Marys	99.5	W258AT	WECC 89.3 Folkston
NV Las Vegas	102.3	K272EE	KQLL-1280 Henderson with Oldies: <i>Kool Oldies 102 point 3</i>

### C OTHERNEWS C

AL Thomaston	103.9	WTID	Is silent
AK Barrow	91.9	-----	Application for a new station dismissed
CA Hemet	102.5	-----	Application for a new station dismissed [USA-Mexico Treaty violation]
CA Porterville	98.1	-----	Application for a new station dismissed
CA Port Hueneme	99.1	-----	Application for a new station dismissed
GA Homerville	98.7	WBTY	Fined \$3200 (reduced from initial \$7000) for failing to file for renewal in a timely manner, then subsequent unauthorized operation
KS Marysville	91.7	K219DG	License cancelled; call deleted
KS Norton	91.5	K218CD	License cancelled; call deleted
KY Cecelia	88.1	-----	Application for a new station dismissed
MI Freedom Township	95.9	-----	Application for a new LPFM dismissed
MI Fremont	93.3	W227BB	License cancelled; call deleted
MI Mount Pleasant	105.5	-----	Application for a new LPFM dismissed
MN International Falls	88.1	K201CN	License cancelled; call deleted [replaced by KITF 88.3 International Falls]
MN Redwood Falls	96.9	K245AK	License cancelled; call deleted [replaced by KRFI 88.3 Redwood Falls]
MO Joplin	92.5	KSYN	Fined the owner Zimmer Radio, \$8000 for violating the FCC's equal employment opportunity ("EEO") rules by failing to comply with the recruitment, self-assessment, and public file requirements *
MO Joplin	102.5	KIXQ	Fined the owner Zimmer Radio, \$8000 for violating the FCC's equal employment opportunity ("EEO") rules by failing to comply with the recruitment, self-assessment, and public file requirements *
MO Webb City	93.9	KJMK	Fined the owner Zimmer Radio, \$8000 for violating the FCC's equal employment opportunity ("EEO") rules by failing to comply with the recruitment, self-assessment, and public file requirements *
MO Webb City	97.9	KXDG	Fined the owner Zimmer Radio, \$8000 for violating the FCC's equal employment opportunity ("EEO") rules by failing to comply with the recruitment, self-assessment, and public file requirements **

(FM NEWS CONTINUES ON PAGE 14)

# FCC FM FACILITIES

February 2011

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:

AK Nome	89.3	KQQN	PR<600w	ME Sanford	88.7	WSEW	PR>10kw
AZ Globe	88.5	KLKA	PR 600w H&V/914m (was V-only)	MI Belding	90.9	WSLI	PC>11.5kw/73m
AZ Heber	105.5	KSNX	NW 100kw/125m, 34-27-43/110-24-10	MN Warroad	91.7	KOLJ-FM	PR<250w/-70m, 48-54-26/95-18-58
AZ Parker	95.7	KPKR	QR from 97.3, 6.3kw/200m, 34-18-39/114-10-08; amendment from 14.5kw/283m & no site change	MO Garden City	105.1	KCJK	PC>4.3kw (aux)
AZ Tucson	88.5	KFLT-FM	PR>300w H&V/579m (was V-only), 32-14-57/111-06-59	MO St. Joseph	91.9	KSRD	FC; sold to Educational Media Foundation
BC Prince Rupert	99.1	CHTK-FM	QG from 560 AM, 160w/578m54-17-04/130-18-54	NE Firth	93.7	KOLB	PG>6kw/71m, 40-34-57/96-37-15
CA San Francisco	93.3	KRZZ	PC 6kw/415m, 37-41-13/122-26-03	NE Hartington	88.3	NEW	PG>100kw/125m, 42-23-44/97-37-17
CO Fruita	99.9	KEKB	PR>471m	NE North Platte	89.3	KJTF	NW 690w/164m, 40-59-49/100-52-47
CO Grand Junction	104.3	KMXY	PR>446m	NH Wolfeboro	104.9	WLKZ	PR 560w/325m
CT Enfield	97.9	WPXK	PR 3kw/143m, 41-46-00/72-40-38 dismissed ROA	NM Clayton	90.1	KUHC	QR from 90.5, 120w-H/24m, 36-26-41/103-11-20; amendment from V-only to H-only
CT New London	100.9	WKNL	PR>6kw	NM Clayton	90.1	KUHC	QR from 90.5, 120w-H/34m, 36-26-28/103-10-58; amendment to increase tower height from 24m and change site
FL Orlando	92.3	WWKA	AF 96.4kw/391m (aux)	NV Spring Creek	103.9	KEBG	AF 360w/474m (aux)
FL Orlando	96.5	WHTQ	AF 96.4kw/391m (aux)	NY Elma	101.7	WLOF	PC 2.8kw/148m, 42-46-58/78-27-28
ID Grangeville	88.3	KKAG	NW 50w/718m, 45-51-42/116-07-25	NY Geneva	89.5	WEOS	QG from 89.7, 6kw
ID Menan	90.9	KTSJ	NW 750w/241m, 43-47-22/111-58-05	NY Port Chester	96.7	WCTZ	PR<3kw/100m, 41-02-49/73-31-36 (to return to original facilities)
IL Carmi	90.5	WYER	NW 2.5kw-V/29m, 38-04-29/88-12-32	NY Rochester	88.5	WRUR-FM	PG>15kw/115m, 43-08-07/77-35-03
IL Eldorado	102.3	WEBQ-FM	PR>6kw/100m, 37-43-03/88-32-37	NY Silver Creek	89.3	WCOM-FM	PR 8kw/83m, 42-34-41/78-57-47
IL Milford	91.3	WJCZ	PG>33kw/139m	NY Stamford	90.1	WANZ	PR<230w/-103m, 42-22-10/74-39-54
IL Oreana	88.9	WDCR	PR>1.1k5/50m	OH Kenton	88.5	WKEN	QR from 88.9, 2.5kw H&V/40m, 40-38-33/83-35-09. Swaps frequencies with WSOH.
IN Crothersville	89.7	WOJC	PR>38kw H&V (add H)/152m, 38-52-51/86-11-18	OH Mowrystown	90.5	NEW	PR<2kw/46m, 39-03-04/83-52-14 174080
IN Ellettsville	89.9	WOMB	PG 4kw/65m, 39-09-34/86-39-18	OH Zanesfield	88.9	WSOH	QR from 88.5, 400w H&V (was V-only)/130m, 40-20-07/83-39-46. (NOT Zanesville) Swaps frequencies with WKEN.
KS Goodland	88.9	KLXG	PG<200w-H/17m (drop V)	OK Guymon	88.1	KJDR	NW 1kw/29m, 36-41-03/101-28-27
KS Norton	106.7	KQNK-FM	>21kw/109m, 39-47-51/99-53-29	OK Stillwater	88.3	KOSR	NW 1.2kw/34m, 36-07-47/97-05-43
KS Shawnee	94.9	KCMO-FM	PC>3.9kw (aux)	ON Barry's Bay	106.5	NEW	NS 12kw/127m, adcon
KY Glasgow	89.3	WZVK	NW 800w/60m, 36-57-05/85-52-43; probably relays WCVK-90.7 Bowling Green.	ON London	98.1	CKLO-FM	PG>40kw/150m, 42-56-29/81-08-03
KY Morehead	90.3	WMKY	NW 3kw/153m, 38-10-33/83-24-28 (aux)	ON Nipissing	97.1	NEW	NS 77.6kw/136m, 46-25-10/79-56-04, French adult pop
LA Kaplan	90.5	KLFT	PG>35kw/84m	ON Pembroke	104.9	CIMY-FM	PR>31.6kw/91m
LA Wilson	90.9	WJVI	PR 1.3kw/57m, 30-56-30/91-06-38	ON Prince Edward Co.	89.5	NEW	AF denied for non-technical reasons - new station would have negative financial impact on existing stations in the market
MA Amherst	100.9	WRNX	PR 870w/262m, 42-15-07/72-38-41	ON Renfrew	96.1	CHMY-	PG>7.1kw/129m
MA Bayview	88.5	WPMW	NW 140w/54m, 41-38-23/70-58-05				
MA Boston	103.3	WODS	AF 15kw/255m (aux); amendment from 14.5kw/267m				
MA Boston	98.5	WBZ-FM	AF 16kw/255m (aux); amendment from 15kw/267m				
MA Middleborough Center	88.5	WRRS	PR<400w H&V (add H)				



ON Toronto	101.3	FM CHIN-1-FM	PG>5kw/86m				19/101-47-31; amendment from 4.1kw/148m
OR McMinnville	90.3	KSLC	PC>750w/102m, 45-09-28/123-17-22	TX Ozona	89.1	NEW	AF 300w/39m; amendment from -67m
OR Siletz	91.3	NEW	AF dismissed (Confederated Tribes of Siletz Indians of Oregon)	TX Refugio	103.7	KOUL	AF 31kw/94m (aux)
OR Siletz	91.7	NEW	NS 880w/297m, 44-45-24/124-02-50 (Firebare)	TX San Antonio	92.9	KROM	NW 2.5kw/106m, 29-25-24/98-25-50 (aux)
PA Wattsburg	102.7	WNAE-FM	PR 5.5kw/104m, 41-41-36/79-03-40, undoes permit to move transmitter	TX Trinity	89.7	KTYR	PR<138m
PA Wilkes-Barre	88.5	WRKC	PR>1.5kw/-140m, 41-14-56/75-52-45	UT Price	91.9	KEYP	NW 100w/-129m, 39-36-07/110-48-15
QC Shawinigan	88.1	CFUT-FM	QR from 91.1, 31.291kw/152m; 46-29-50/72-38-25	VA Drakes branch	88.7	NEW	PR>1.95kw H&V/58m, 37-07-56/78-31-07; amendment to go from vertical-only to horizontal-only
SC Branchville	88.9	NEW	NS 3.6kw-H/18kw-V/90m, 33-12-25/80-36-47 (Spirit Broadcasting Group)	VA Drakes Branch	88.7	NEW	PR>1.95kw/58m, 37-07-56/78-31-07
TN Alcoa	89.1	WYLV	FC; sold to Educational Media Foundation	VA Lynchburg	88.3	WRVL	NW 34kw/305m (aux)
TN Bartlett	94.9	WKVF	PR>3kw/235m, 35-12-41/89-48-54	VI Christiansted	88.5	NEW	AF 100w/257m; amendment from 454m
TN Cookeville	89.9	NEW	AF RE 25kw-V/115m, 36-08-32/85-24-35 (Catholic Social Club of Putnam Co.)	WI Chilton	92.9	WLWB	PG<95m, 44-04-20/88-15-27; amendment to change city of license from New Holstein; promptly rescinded.
TN Maynardville	88.3	WDLF	FC; sold to Educational Media Foundation	WI Merrill	88.1	WHJL	AF 5.3kw/164m (aux)
TN White Pine	104.7	WNPC-FM	QR from 92.9, 2.8kw/150m, 36-13-00/83-11-38	WI Merrill	88.1	WHJL	PR>189m, 45-21-08/89-39-13
TX Charlotte	102.3	KSAQ	NW 6kw/100m, 28-45-29/98-38-01	WI Wisconsin Rapids	91.7	WRAO	QR from 91.9, 8kw/52m, 44-19-11/89-58-45
TX Corrigan	99.3	KYTM	FC; sold to Family Worship Center Church (WJFM)	WV Webster Springs	89.3	NEW	QG from 89.5; 850w/265m, 38-35-46/80-23-54
TX Del Rio	89.3	NEW	AF RE 25kw/93m, 29-13-49/100-44-13 (Texas Public Radio)	WY Burns	88.9	KEZF	PC>2.7kw/27m, 41-10-01/104-26-49
TX Greenwood	89.1	NEW	AF 5kw-V/126m, 31-51-	WY Hillsdale	92.3	KYOY	PR<6.1kw/44m, 41-14-55/104-27-46
				WY Laramie	104.5	KROU	QG from 98.7, 250w
				WY Pinedale	101.3	KPIN	QG from 101.1, 100kw/174m, 43-03-30/110-08-32

## FM NEWS CONTINUES FROM PAGE 12

NE Valentine	89.3	K207CG	License cancelled; call deleted [replaced by KKNL 89.3 Valentine]
NY Speculator	96.5	-----	Application for a new station dismissed
ND Lincoln	89.1	KLBF	Is silent
OK Alva	105.7	KTTL	License cancelled; call deleted
OR Cave Junction	102.7	KCNA	Fined the owner, Opus Broadcasting Systems, Inc., \$20,000 for violating the FCC's equal employment opportunity ("EEO") rules by failing to comply with the recruitment, self-assessment, and public file **
OR Grant-s Pass	96.9	KROG	Fined the owner, Opus Broadcasting Systems, Inc., \$20,000 for violating the FCC's equal employment opportunity ("EEO") rules by failing to comply with the recruitment, self-assessment, and public file requirements
OR Molalla	103.7	WXPC-FM1	License cancelled; call deleted
OR Siletz	91.3	-----	Application for a new station dismissed
RI East Greenwich	91.5	WRJI	License cancelled; call deleted
TX Cotulla	101.3	-----	Application for a new LPFM dismissed
TX Donna	94.3	-----	Application for a new LPFM dismissed
TX Eagle Pass	98.3	-----	Application for a new LPFM dismissed
TX Iowa Park	96.3	KXXN	Is silent
TX New Boston	105.1	KTTY	Is silent
TX Pecos	91.3	K217CC	License cancelled; call deleted
TX Reno	98.9	KLOW	Is silent
VA Susan	102.3	WSUV-LP	License cancelled; call deleted
WV Buckley	89.7	-----	Application for a new station dismissed

\* - A cumulative fine for all owned stations, including two AM stations, involved

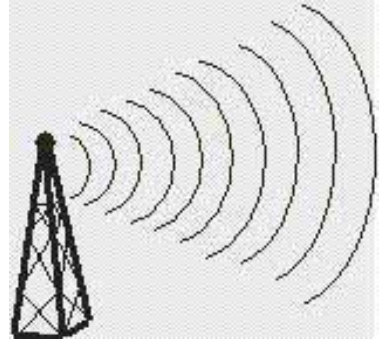
\*\* - A cumulative fine for all owned stations, including two AM stations, involved

\*\*\*\*\*  
**NEWS ITEM: Minnesota Public Radio is selling two of its translators in Hinckley, K283AN 104.5 and W293AV 106.5, to Blue Wing, Inc. for a total of \$65,000. The St. Paul-based Blue Wing is headed by Mark Hoppe and does not have any other broadcast interests, but is involved in wireless communications design and consultation. The agreements allow Blue Wing to continue carrying MPR on the translators for up to eighteen months. The potential value of translators has increased in the last few years due to the new possibility of using them to relay an AM station or HD2 stations.**

**NEWS ITEM: Sony will soon close its Pitman, N.J., CD factory, according to an Associated Press report carried by NJ.com and other news outlets. The scheduled closure is March 31. The plant, built in 1960, was a major presser of vinyl LPs for CBS Records/Columbia, their subsidiary labels and clients. When Sony acquired the music arm of CBS in 1988 it acquired the plant. It ceased vinyl pressing in the mid-1980s and has concentrated on Sony's digital discs. DVD pressing was removed last year according to the story. The closing of the plant is attributed to the shift in music purchasing habits to direct computer/digital music player downloading rather than physical media such as CDs.**

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

# Northern FM DX



Keith McGinnis  
18 Newbridge St., Hingham, MA 02043  
longwave@comcast.net 781-875-1944

For Dxers in the following states: CT IA ID IL IN MA ME MI MN MT ND NE NH NJ NY OH OR PA RI SD VT WA WI WY and all of Canada. Please submit by the 10<sup>th</sup> of each month.

**EDITOR'S NOTE PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.**

***Time(tab)Calls(tab)Freq(tab)City(tab)State(tab)details***

***Formats can either be plain text, Word or Excel as long as format is adhered to. Any submissions in other formats may not be used at editor's discretion.  
All Submissions must be in to me by the 10<sup>th</sup> of each month.***

**John Jefferson - 826 23rd St SE - Auburn WA 98002  
Mailing address Box 203 - Auburn WA 98071  
johnj@petersoncheese.com**

Equipment: McIntosh MR-80 tuner with CM antenna @ 20' with rotor (city regs say that's the max). DX'ing away from Auburn done with Pioneer FM/AM & antenna embedded in left rear passenger window of the 2006 Honda Pilot. For traveling I also have a cheap Yamaha FM/AM tuner with rabbit ears, but that figured in one logging all year. @ = new.

This includes all DX for 2010 and all loggings from Auburn (note the earliest/latest dates for DX from Auburn!):

## Jan 14 SL (Auburn)

2033	CHHR@	104.3	Vancouver	BC	... from 104.1 to 104.3 - 155
2047	KAFE@	104.1	Bellingham	WA	Cafe 104.1 - 100

## April 7 SL (Auburn)

2100	KLWA@	101.3	Westport	WA	K Love 101.3 - 90
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## May 15 MS (Elsie OR, 20 miles inland on US 26)

1614	KEAR@	88.1	Sacramento	CA	Harold Camping, Open Forum - 535 (the Yamaha catch)
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## June 18 ES (Auburn)

1815	WIRR@	90.9	Buhl	MN	c veried from MinnPR website - 1355
1835	"	"	"	"	same selection playing
1844	CKSB9@	89.1	Fort Frances	ON	Fr - 1340
	CBQQ@	90.5	"	"	CBC English nx
1846	WIRR	90.9	Buhl	MN	c still, but faded out at last....
1851	KRSU	91.3	Appleton	"	MinnPR nx - 1265
1852	KKXL	92.9	Grand Forks	ND	The beat you're hearing is XL-93 - 1065
1900	CJEL	93.5	Winkler	MB	LaRiviere, The Eagle 93-5, 9pm - 1120
1904	VF2382@	101.7	Portage au Prairie	"	252-2401 (veried on Google) - 1075
1907	CIUR@	104.7	Winnipeg	"	Winnipeg refs - 1165
1915	CKXA@	101.1	Brandon	"	101.1 the Farm - 1005
1916	KSNR@	100.3	Fisher	MN	Cat Country - 1210
1917	CKSB8@	99.5	Brandon	MB	Fr

1922	CITI@	92.1	Winnipeg	"	Winnipeg promo
1923	KABU@	90.7	Fort Totten	ND	Totten ref - 1075
1930	KBTO	101.9	Bottineau	"	k, Sunny 101.9
1931	KBHP@	101.1	Bemidji	MN	KB-101 - 1280
1932	KKDQ@	99.3	Thief River Falls	"	KKDQ - 1195
1933	KYCK@	97.1	Crookston	"	97-Kick, CMT Radio - 1075
1935	KQHT@	96.1	"	"	Thief River Falls ref
1940	KYTZ@	106.7	Walhalla	ND	Cavalier ads - 1075
1949	KAOC@	105.1	Cavalier	"	Maverick 105
1952	K269FI@	101.7	"	"	g talk
1957	KUND	89.3	Grand Forks	"	Prairie Public - Just Jazz
1958	KQMN	91.5	Thief River Falls	MN	c - veried from MinnPR
1959	KDSU	91.9	Fargo	ND	Prairie Public, ND - 1170
2000	WDAY@	93.7	Fargo	"	Fargo ref
2025	KRVX@	103.1	Wimbledon	"	Red River ref - 1125
2026	KCLD@	104.7	St. Cloud	MN	Kia of St. Cloud ad - 1330
2029	KQWB	98.7	Moorhead	"	Q-98 rocks - 1175
2031	KYNU@	95.5	Jamestown	ND	Downtown Jamestown - 1095
2032	KSKK@	94.7	Staples	MN	MN ref - 1280
2038	KSRQ@	90.1	Thief River Falls	"	wx - Pennington, TRF
2039	KSRQ	"	"	"	Pioneer Radio 90.1
2041	CITI	92.1	Winnipeg	MB	92 City FM
2042	CJEL	93.5	Winkler	"	Altona - Winkler ref
2043	CKX@	96.1	Brandon	"	Kelleher Ford, MB
2046	CKXA	101.1	"	"	Brandon ref
2050	KUMD@	103.3	Duluth	MN	KUMD, MN refs - 1395
2054	CKSB1@	92.9	Ste. Rose-du-Lac	MB	Fr - 1020
2055	CHMX@	92.1	Regina	SK	Regina - 820
2059	WDAY	93.7	Fargo	ND	ID
2100	CKCK@	94.5	Regina	SK	Jack FM
2104	K269FI	101.7	Cavalier	ND	Life FM
2112	KQHT	96.1	Crookston	MN	96.1 the Fox
2115	KCCM	91.1	Moorhead	"	c - veried from MinnPR

June 19 SL (Auburn)

0003	KCPB@	90.9	Warrenton	OR	BBC nx - 112
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June 19 ES (Auburn)

1908	KKRG	101.3	Albuquerque	NM	Loba, Sp - 1165
1917	KMGA	99.5	"	"	State of NM
1926	KOXE@	101.3	Brownwood	TX	Goldthwaite TX ad - 1630
1929	KQBR@	99.5	Lubbock	"	99-5 the Bear - 1430

June 20 ES (Auburn)

1613	KANZ	91.1	Garden City	KS	KS wx warnings - 1250
1631	KWTS@	91.1	Canyon	TX	r, The One - 1355
1636	KHAZ	99.5	Hays	KS	KZ-Country - 1275
1659	KRBG@	99.5	Guymon	OK	ID - 1285
1714	KJOV@	90.7	Woodward	"	KJIL - 1395
1736	KMPI	101.3	Wichita	KS	KMPI; Wichita - 1410
1742	KERP	96.3	Ingalls	"	Garden City ref - 1290
	KOLS	95.5	Dodge City	"	Dodge City ad - 1315
1759	KANZ	91.1	Garden City	"	ID
1931	KVYB@	103.3	Santa Barbara	CA	CA coast refs - 910
1939	KSTT	101.3	Los Osos	"	Coast 101.3 - 830
1941	KBTU@	101.7	Carmel	"	101.7 the Beach, Santa Cruz - 740
1942	KRQK@	100.3	Lompoc	"	La Ley, Sp - 870
1947	KMPO	88.7	Modesto	"	R Bilingue - 650
1959	KMGA	99.5	Albuquerque	NM	ID
2100	KJZZ	91.5	Phoenix	AZ	ID - 1095
2102	KIIM	99.5	Tucson	"	ID - 1200
2137	XETRA	91.1	Tijuana	BN	91-X, English r - 1075

2145	KPFK	90.7	Los Angeles	CA	KPFK - 955
2153	XETRA	91.1	Tijuana	BN	91-X
2159	KPFK	90.7	Los Angeles	CA	KPFK

June 26 ES (Clatskanie OR)

1124	XHSOL@	89.9	Mexicali	BN	ID in Sp - 1020
1127	KDUC@	94.3	Barstow	CA	Barstow ref - 845
1134	KXRD@	89.5	Victorville	"	Air 1 - 865
1135	KQXL@	88.5	Selma	"	K Love // 88.7 (KLOY Astoria) - 690
1140	KAXL@	88.3	Greenacres	"	KAXL - 770

June 26 TR (Cape Falcon OR)

1543	KBAV-LP@103.9	Coos Bay	OR	3ABN (veried by letter) - 165
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June 27 TR/ES (David Douglas Summit on US 26)

1415	KOLW@	97.5	Basin City	WA	Cool FM - 220
1912	KAFF@	92.9	Flagstaff	AZ	Kaff Country - 980

June 28 TR (David Douglas Summit)

0938	KWHT@	103.5	Pendleton	OR	K-Wheat - 235
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July 2 ES (Auburn)

1619	KUTT	99.5	Fairbury	NE	Beatrice & Hebron refs - 1280
	KOZY	101.3	Bridgeport	"	KOZY - 1235
1635	KTNE	91.1	Alliance	SD	NE refs - 990
1648	KZNA	90.5	Hill City	KS	High Plains PR - 1240
1649	KRVN	93.1	Lexington	NE	Lexington refs - 1165
1653	KFNF	101.1	Oberlin	KS	McCook NE ref - 1180
1701	KZPL@	93.5	Paxton	NE	KZPL - 1105
1714	KXNE@	89.3	Norfolk	"	talk // 89.1 - 1225
	KHNE	89.1	Hastings	"	// 89.3 - 1300
1726	KYTI	93.7	Sheridan	WY	93-7 the Coyote - 730
1727	KNEN	94.7	Norfolk	NE	Norfolk ad
1729	unid	106.7	?	?	106 Kix
1732	KLXS	95.3	Pierre	SD	Pierre - 1055
1742	KDLO	96.9	Watertown	"	Watertown ref - 1225
1743	KBRK	93.7	Brookings	"	Brookings Mall - 1200
1758	KCND	90.5	Bismarck	ND	Prairie Public - 1005
1801	KTSD	91.1	Reliance	SD	Aberdeen ref - 1105

July 4 ES (Auburn)

1706	KHCC@	90.1	Hutchinson	KS	c - 1370
1711	KJLS	103.3	Hays	"	Mix 103 - 1275
1712	KKQY@	101.9	Hill City	"	Hays ad
1719	KMPI	101.3	Wichita	"	KFDI (AM affiliate?)
1727	KVOE	101.7	Emporia	"	101-7 Real Country - 1470
1735	KHAZ	99.5	Hays	"	KZ-Country
2037	KLQL@	101.3	Luverne	MN	Tri-States' Best County K-101; DJ's name, ads - 1280

July 5 ES (Chinook Pass)

1549	KCND@	90.5	Bismarck	ND	Prairie Public - 975
1606	KMPR@	88.9	Minot	"	Market Place // 89.3, 89.5 - 945
	KUND@	89.3	Grand Forks	"	// 88.9, 89.5 - 1150
	KPPR@	89.5	Williston	"	// 88.9, 89.3 - 830
1608	CBKF4@	91.9	Bellegarde	SK	Fr - 915
1610	CBWS@	92.7	Brandon	MB	CBC Radio 2 - 985
1611	CHVN@	95.1	Winnipeg	"	CHVN - 1150

1613	KYYX@	97.1	Minot	ND	97-Kick - 945
1614	CBWV@	97.9	Brandon	MB	CBC nx
1617	unid	103.5	?	?	Magic 103
1618	CIUR@	104.7	Winnipeg	MB	wx
1620	CICY@	105.5	Selkirk	"	Spirit - NCI MB - 1160
1623	CBW1@	89.3	Winnipeg	"	CBC Radio 1
1626	CFRY1@	93.1	Portage la Prairie	"	CFRY - 1070
1627	CJEL@	93.5	Winkler	"	Winkler - 1110
1628	CBWX@	95.7	Fisher Branch	"	MB wx & nx - 1125
1631	CJKR@	97.5	Winnipeg	"	Winnipeg's best rock, Power
1632	CBW@	98.3	"	"	cbc.ca, stereo, Radio 2
1638	CBK3@	91.7	Yorkton	SK	cbc.ca, stereo, Radio 2
1701	KNSG?	94.7	Springfield	MN?	Springfield ref, but could be MO!
1724	KERP@	96.3	Ingalls	KS	96-3 the Marshall - 1250
1731	KUSO@	92.7	Albion	NE	NE wx - 1250
1734	KZQZ@	98.3	Kiowa	KS	Coyote Country, Medicine Lodge ment - 1370
1740	KYOD@	100.1	Glendo	WY	ad, wx @ 6:40 - 860
1749	KTNE@	91.1	Alliance	NE	NE nx - 975
1752	KHAQ@	98.5	Maxwell	"	NE Broadcast Assn, The Hawk - 1135
1754	KOZY@	101.3	Bridgeport	"	KOZY - 980
	KVOE@	101.7	Emporia	KS	Country 101.7 - 1425
1757	KZQL@	105.5	Mills	WY	Cool 105 - 800
1801	KRRR@	104.9	Cheyenne	"	K Triple R - 900
1803	KAAQ@	105.9	Alliance	NE	NE, Ft Robinson refs, 97.5&106FM - 975
1807	KTED@	100.5	Evansville	WY	100.5 Ted - 800
1811	KRNE@	91.5	Merriman	NE	N.E.T. NE - 1020
1813	KLNE@	88.7	Lexington	"	//91.1,91.5 - 1150
1823	KCNB@	94.7	Chadron	"	New B 94.7 - 945
1830	KZPL@	93.5	Paxton	"	W NE Coutry, KZPL - 1080
1836	KCNE@	91.9	Chadron	"	//91.1,91.5 - 945
1839	CJKR	97.5	Winnipeg	MB	power97.com (!); Canadian football
1844	CBWS	92.7	Brandon	"	CBC Radio 2
1846	CBK@	96.9	Regina	SK	j // 98.3
1847	CBW	98.3	Winnipeg	MB	j // 96.9
	CJGV@	99.1	"	"	Groove FM
1848	CKSB1@	88.9	Regina	SK	c, Fr // 89.9
	CKSB@	89.9	Winnipeg	MB	c, Fr // 88.9
1851	CKLF@	94.7	Brandon	"	Star FM, MB - 985

July 5 ES (Greenwater)

1939	KVCR@	91.9	San Bernardino	CA	ID - 930
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July 11 TR (Cape Falcon, Oregon coast)

2055	KCRE@	94.3	Crescent City	CA	KCRE - 275
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July 12 TR (Cape Falcon)

0813	KCMX@	101.9	Ashland	OR	John Tesh Show - 250
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July 12 SL (Auburn)

1634	KSWS@	88.9	Chehalis	WA	NWPR - 61
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July 31 TR (Chinook)

0939	KRXF@	92.9	Bend	OR	92-9 FM, locally owned, independent - 210
1006	KSOR@	90.1	Ashland	OR	Opera - veried on-line - 300

As of 12/31/2010	2010	Total	ES	MS	Trops
Auburn	47	910	621	21	82
Chinook	49	366	88	0	101



Greenwater	9	147	1		21
Clatskanie	22	178	8	0	21
North OR Coast	17	250	2	2	61

This was the best year here in Auburn since 2003, which admittedly isn't saying a lot!

By way of explanation, Clatskanie is my leading choice for a retirement spot. It has NO local stations and the signals from the Kelso-Longview (WA) market aren't too strong. Astoria stations are poor on the Pioneer, and Seaside can't be raised there with it. Portland is weak: it's behind high hills. Seattle and other Puget Sound stations are usually weak, though they confounded me during the above skip opening by being rather strong. North isn't likely to be a big direction for ES, so if the Seattle area chooses to be booming in during skip openings a directional antenna would handle them well. Thus I am now building a log there and on the North Oregon Coast, which would be a site to visit. Or the area of Elsie might possibly become the retirement site, in which case North Oregon Coast would be the home logging site. Nothing is strong there: it's in a shallow valley with hills attenuating everything. There are open channels galore, even with a \$100 tuner like the Yamaha. Elsie is also close to Cape Falcon, with David Douglas Summit between them. Right near Cape Falcon there is a viewpoint high above the ocean from which the view is stunning. (Portland and Seattle are also killed by the mountain right behind.) That's where I logged KBAV-LP, KCRE, & KCMX last year, as well as 7 Eureka CA-area stations in 10/08 at 340 - 360 miles. If the IBOC disease and translators don't kill it then Cape Falcon will be a fun place to visit in spring and fall when Clatskanie or Elsie seems dead but coastal weather patterns promise good propagation there.

Meanwhile, Chinook Pass is my refuge from the IBOC obscenity. Here in Auburn, the lowest channel not degraded by digital slop is 101.3. To give you an idea of how bad it is, I had KLQL Luverne MN from 2006 - 2041 on 7/4 without ever hearing another skip signal! It's horrible that the FCC approved IBOC at all instead of opening a digital band, but couldn't they at least have required that the transmitters operate cleanly? KISW 99.9, KKWF 100.7, and KNDD 107.7 all sport FM spurs at about .3 to either side of their channel, obviously mixing of FM & IBOC. KQMV-92.5 & KUBE-93.3 overlap their IBOC's at 92.9 despite the selectivity of the MR80. And others appear to contribute to the slop. Anyway, at Chinook I can listen to radio instead of the FCC's worst efforts to end broadcasting altogether and sell the public's bandspace to the highest bidder. Greenwater fills the area traversed between here and Chinook. I started the Chinook Pass log in 2002 and Greenwater in 2007 in the expectation that one day skip would catch me between here and Chinook. On 7/5 it did happen, and might have led to several loggings. But 7/6 was a work day - I get up at 4:34 - and I'd already solemnly promised myself that I would leave Chinook at 1905 and not delay in driving home for dinner. Next summer maybe an opening will be better timed.

By the way, WIRR 90.9 was logged with KVTI 90.9 Tacoma off the air as it switched from a student pop music operation to a Northwest Public Radio classical/NPR stereo affiliate. NWPR's new KSWB 88.9 Chehalis is on their mono news network, so the two stations don't duplicate each other where they overlap. And WIRR was strong enough to be clear with the antenna aimed SW at KCPB 90.9 Warrenton OR. I heard most of the Ralph Vaughan Williams "Pastoral" Symphony #3 from WIRR, including the beginning and the end, and that is a half-hour piece. That was a remarkable opening for that and the signal strengths noted at its peak (and for the fact that my digital recording on the computer stalled out after 3+ hours with the opening still going strong).

## **Jim Pizzi 100 County Road 28, Palmyra, NY 14522-9440**

**Sony XDR-F1HD/Sangean HDT-1X/Grundig G-8 APS-13 @20ft approx Alliance U-100 rotor  
315-370-7392**

**Time: EST @=New #=New Mode T=Tentative**

### 8-8-10 Trop

1930@ WVOA 103.9 Mexico NY "Wax Museum" w/G-8

### 9-3-10 Trop

0758@ W238CA 95.5 Utica NY Booming in, id'd as "WUTQ 1550, 95-5 B95.5"

about 100miles/ directional ant. right at me

9-17-10 Trop

1845 WEZF 92.9 Burlington VT RDS bogus WMA&KZNW "Star 92.9"

9-18-10 Trop

0830 WDBS 97.1 Sutton WV ID@0900+ads 364miles  
1225@ WVAF 99.9 Charleston WV RDS ="V-100" 397miles

10-26-10 Trop

1730@ W240CB 95.9 Ithaca NY //WHCU 870AM Solid signal all the time

11-11-10 Trop

0320 WXYT 97.1 Detroit MI "The Ticket"  
0321 WOMC 104.3 " " calls  
0350T WXTQ 105.5 Athens OH "10 in a row from Q-105" web site says  
"Power 105" Who is this??  
0355@ WWCK 105.5 Flint MI "CK 105.5" + @0400 "WWCK" 310miles  
0407@ CKDK 103.9 Woodstock ON RDS bogus WIU 1039 FM  
0427 WKQI 95.5 Detroit MI "Channel 95-5"  
0729 CHKS 106.3 Sarnia ON "K106.3"  
0732 CIDR 93.9 Windsor ON local news

12-12-10 Trop

1200@ WUZZ 94.3 Saegertown PA "FM94&107" Steelers pregame pgm

12-13-10 Ms

2143@ WSRV 97.1 Gainesville GA RDS classic rock

12-14-10 Ms

0022@ WAKB 100.9 Hephzibah GA "...Magic 100.9..."

1-4-11 Trop

1100@ W248BC 97.5 Dansville NY //WZXV 99.7  
1101@ W248BH 97.5 Gates NY //WMHN 89.3

1-5-11 Ms

1648# WBBN 95.9 Taylorsville MS RDS country--new mode

This report covers 5 months--as you can see it's been quiet. I've been listening for more Ms recently and have pulled in a few ids. Trops almost non-existent what with the cold dry air during the fall and now winter. Just a minor Trops opening on 11-11.

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**Jeff Falconer - Clinton ON EN93fo**

**Sangean HDT-1X, Sony XDR-F1HD, APS-13 at 22', 10db preamp  
New=Underlined New calls={XXXX} Time=ELT Distances=Miles**

Oct 31 Ms

1343 WVBW 92.9 Suffolk VA RDS PI: WFOG (old calls) 538

Oct 31 Tr

1418 WLVQ 96.3 Columbus OH Classic rock, "Q FM 96" 263

1454	WBNS	97.1	Columbus	OH	ESPN Sports, "The Fan" 263
<u>Nov 05 Ms</u>					
1958	WVPN	88.5	Charleston	WV	RDS PI: WVPN / PTY: Public 361
<u>Nov 5 Tr</u>					
2000	WMUB	88.5	Oxford	OH	Legal ID 327
<u>Nov 06 Ms</u>					
0021	WJBT	93.3	Callahan	FL	Ads, RDS PS: WJBT, several bursts as long as 30 sec 900
1131	KUAR	89.1	Little Rock	AR	Jazz, RDS PI: KUAR /,PTY: Talk 844
1824	WMAE	89.5	Booneville	MS	RDS PI: WMPN / PS: MPB / PTY: Class 728
<u>Nov 06 Tr</u>					
0026	WAKS	93.3	Cincinnati	OH	"Cincinnati's Star 93-3" 346
0028	WLZT	93.3	Ashville	OH	Christmas music already!, RDS PS: song/artist / PI: 'KBQN' 268
0034	WBKS	93.9	Columbus Grove	OH	AC, RDS PS: 93.9KISS 226
<u>Nov 07 Tr</u>					
1359	WEEC	100.7	Springfield	OH	Legal ID, "Let Us Worship" pgm 279
1546	WQED	89.3	Pittsburgh	PA	Poor over CKGW with CLA //stream 233
<u>Nov 08 Ms</u>					
1943	KXGT	98.3	Carrington	ND	Bursts with HS volleyball tournament //stream 883
<u>Nov 09 Tr</u>					
0048	CJQM	104.3	Sault Sainte Marie	ON	C&W, "Q-Country", RDS 248 mi
1033	WHJB	107.1	Greensburg	PA	Good "Classic Hits 107.1", RDS 257
2033	WKLT	97.5	Kalkaska	MI	O/ local CIQM with AC //WKLV-98.9, RDS 201
2323	WBLW	88.1	Gaylord	MI	Alone with sacred music, legal ID 192
<u>Nov 10 Tr</u>					
0050	WICA	91.5	Traverse City	MI	Weak with BBC pgm, ID at TOH, "Interlochen Public Radio" 220
0858	WWOT	100.1	Altoona	PA	AC, "Hot 100 and Hot 92" 264
0906	WPSU	90.1	Kane	PA	CLA music pgm underwritten by Lion Country Kia 196
0915	WFGY	98.1	Altoona	PA	Strong C&W, "Froggy 98", RDS PS: FROGGY98 264
0927	WFGI	95.5	Johnstown	PA	C&W, "Froggy 95", 'Froggyland' weather 260
0929	WOWQ	102.1	Du Bois	PA	C&W, "Elk County's Country Station Q-102" 229
0958	WRKW	99.1	Ebensburg	PA	Rock by Judas Priest, RDS PS: ROCKY 99 263
1019	WHND	89.7	Sister Bay	WI	Calls, "Wisconsin Public Radio" 297
1328	WBWC	88.3	Berea	OH	ALT rock, "The Sting, Cleveland's rock alternative 153
1930	WPFX	107.7	Luckey	OH	C&W, "The Wolf 107-7" 184
2219	{WBLU}	88.9	Grand Rapids	MI	Jazz //WBLV-90.3 "Blue Lake Public Radio", ex WGNR 210
2304	WZOR	94.7	Mishicot	WI	Rock, "Razor 94-7" 325
2309	WIXX	101.1	Green Bay	WI	Calls, weak 326
2331	WBGU	88.1	Bowling Green	OH	Falcons FB post game show Miami Red Hawks vs BG Falcons 188

Nov 11 Tr

0835	CHCQ	100.1	Belleville	ON	C&W, "Cool 100" 206
0900	CBCE	97.5	Little Current	ON	Tough due to CIQM local. "CBC North" 162

Nov 12 Tr

0004	W290BI	105.9	Erie	PA	REL:AC //WCTL-106.3, 85 watts 128
0021	CFXJ	93.5	Toronto	ON	Ads, "Flow 93-5", rare due to CBCL 108
1859	WUWM	89.7	Milwaukee	WI	Weak, "Milwaukee Public Radio" 322

Nov 15 Ms

0026	KWQW	98.3	Boone	IA	Seveal pings with TLK, RDS PI: 'KWPV' 632
0047	KXGT	98.3	Carrington	ND	".KXGT 98.3." 883
0121	{KYAL}	97.1	Muskogee	OK	With KELN ".in Oklahoma."The Sports Animal".", ex KKWK 928
0122	KELN	97.1	North Platte	NE	Minute long burst with KYAL, wx report, "Mix 97-1", RDS PI:KELN, prev by Es 991
0145	KYCK	97.1	Crookston	MN	Several pings, C&W, RDS PS: artist/song / PI: KYCK, prev by Es 785
1418	KIBB	97.1	Haven	KS	Bursts of several oldies //stream, prv Es 928

Nov 15 Tr

0223	WDRV	97.1	Chicago	IL	Faded up weakly couple of times while looking for Ms, "The Drive" 331
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Nov 16 Ms

0030	Unid	91.3	?	??	Ping with RDS PI: 'KHQD', pointed NW
1302	WBZE	98.9	Tallahassee	FL	Alanis Morissette song, RDS PI: WBZE / PTY: Adult Hits, prev by Es 917

Nov 17 Ms

0148	KFGE	98.1	Milford	NE	RDS PI: 'WLI' / PTY: Country, prev by Es 827
0217	KNOX	94.7	Grand Forks	ND	RDS PI: KNOX / PTY: Top 40 797
0227	KDRB	100.3	Des Moines	IA	RDS PI: KDRB, prev by Tr 626
1946	KNOX	94.7	Grand Forks	ND	RDS PI: KNOX / PTY: Top 40 797
1955	{KYYX}	97.1	Minot	ND	".stay up to date with everything on 97.1 Kicks.", ex KHHT 1001
2100	{WSRW}	107.7	Grand Rapids	MI	New calls, still "Star 105.7", Christmas music, ex WOOD 212

Nov 18 Tr

2317	WUWM	89.7	Milwaukee	WI	Calls, "Milwaukee Public Radio" 322
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Nov 18 Ms

0014	Unid	99.1	?	??	".on 'The Voice Of Truth'.", BEAMING WEST
1222	KSOU	93.9	Sioux Center	IA	RDS PI: KSOU, prev by Es 743
1342	KJKJ	107.5	Grand Forks	ND	Rock music, RDS PI: KJKJ / PTY: Rock 805

Nov 20 Tr

0056	WKSB	102.7	Williamasport	PA	AC, "With the biggest library of hits, 102.7 'Kiss FM'" 287
2345	WNAE	102.7	Clarendon	PA	C&W, "Playing the best country, 'Kinzua Country'" 183

Nov 22 Ms

1512	Unid	98.1	?	??	RDS PI: 'KDMZ' / PTY: Country, beamed SSW
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Nov 26 Ms

1930	KHNX	96.5	Houston	TX	RDS PI: KMMX, new record Ms distance for me!, prev by Es 1237
1933	WZNS	96.5	Fort Walton Beach	FL	RDS PI: WZNS / PTY: Soft Rock, prv by Es
2336	KTGL	92.9	Beatrice	NE	C&W, RDS 810
2358	WMPR	90.1	Jackson	MS	RDS PI: WMPR 915
2358	WXVS	90.1	Waycross	GA	RDS PI: WXVS, two IDs on same burst! 856

Nov 26 Tr

1958	WHKO	99.1	Dayton	OH	C&W, "K-99 FM" 302
2328	WGTV	92.9	Eaton	OH	AC, RDS PS: The Fly 300

Nov 27 Ms

0007	WMPN	91.3	Jackson	MS	Long burst with HSFB scores, RDS PS: MPB 91.3 / PI: WMPN / PTY: Classical 923
1636	KQZQ	98.3	Kiowa	KS	".at Bogner Chevrolet-Buick in Kiowa." 992
1701	KZTH	88.3	Piedmont	OK	Perfectly timed jingle "The House FM", prev via Es 1045

Nov 27 Tr

0815	WCHO	105.5	Wash Court House	OH	HSFB wrap up, RDS PI: WCHO 307
0824	WUKL	105.5	Bethlehem	WV	Pat Benatar song, "Cool 105" 249
0840	WMVR	105.5	Sidney	OH	Ads 267
0842	WLBC	104.1	Muncie	IN	Promo for Muncie Family YMCA 310
0845	WPAY	104.1	Portsmouth	OH	Poor, C&W, calls. No sign of WQAL 349
1203	WJYW	88.9	Union City	IN	REL:AC, "Joy FM" 290
2347	WUWM	89.7	Milwaukee	WI	DJ patter, calls 322

Dec 03 Ms

2301	WKNO	91.1	Memphis	TN	Tuned in just in time to see RDS 732
2330	KIBB	97.1	Haven	KS	".on 97-1 Bob FM." 928
2356	Unid	93.3	?	??	Sounded like HSFB scores, mentioned a team from Starrs Mill. There is a school in Fayetteville, GA with that name so maybe WVFJ, beamed SSW

Dec 04 Ms

0003	WFLZ	93.3	Tampa	FL	".at the Brandon Auto Mart.", prev by Es
2322	WKYQ	93.3	Paducah	KY	".YQ, Paducah." 587
2346	WJBT	93.3	Callahan	FL	Pings with hip-hop, RDS PI: 'KEUB' / PS: The Beat / PTY: R&B 900

Dec 04 Tr

0848	WZLR	95.3	Xenia	OH	"Dayton's classic hits, 'The Eagle 95.3'" 301
1941	WBNS	97.1	Columbus	OH	Bluejackets HKY 263

Dec 05 Ms

0007	WWWZ	93.3	Summerville	SC	Pings with hip-hop, RDS PI: WWWZ / PTY: R&B 900
0008	{WSYE}	93.3	Houston	MS	RDS PI: WSYE / PS: artist/song / PTY: Adult Hits, ex WCPC 787



1104	KERX	95.3	Paris	AR	RDS PI: KERX / PTY: Rock / RT: artist/song, prev by Es 880
1500	KJSM	97.7	Augusta	AR	RDS PI: KJSM / PTY: Religious Talk 784

Dec 06 Ms

0816	WZZN	97.7	Union Grove	AL	Sports scores, RDS PI: WZZN / PTY: Sports, 950 watts 686
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Dec 09 Ms

2251	KRSW	89.3	Worthington	MN	CLA music, RDS PI: KRSW / PTY: Classical
2327	KBEZ	92.9	Tulsa	OK	Pings //stream 925
2329	KTGL	92.9	Beatrice	NE	Pings //stream 810
2340	WMAW	88.1	Meridian	MS	CLA music, RDS PI: WMPN / PTY: Classical
2347	KJTH	89.7	Ponca City	OK	REL, RDS PS: artist/song / PI: KJTH / PTY: Religious Music 975

Dec 10 Ms

1120	KMUW	89.1	Wichita	KS	RDS PI: KMUW 929
1253	Unid	88.1	?	??	RDS PS: K-LOVE / PI: 'WAD', beamed west, several possible

Dec 11 Ms

2340	WEPR	90.1	Greenville	SC	Pings with jazz, RDS PS: WEPR / PI: 'WCX' / PTY: Public 600
2340	KCSC	90.1	Edmond	OK	Strange one!, same burst as WEPR, PS was WEPR saw PI change from 'WCX' to KCSC and PTY from Public to Classical! 1013

Dec 12 Ms

0024	WNSC	88.9	Rock Hill	SC	Pings with RDS PS: WNSC / PI: WNSC / RT: SECT / PTY: Public 606
0055	WEMX	94.1	Kentwood	LA	Hip-hop, RDS PI: 'WAD' / PTY: R&B 1019
0055	Unid	94.1	?	??	RDS PI: 'WMVN' / PTY: Personality, beamed SSW, in with WEMX
0130	WVSP	94.1	Yorktown	VA	".now on 'ESPN 94.1' we go to Norfolk." 514
1059	KKPT	94.1	Little Rock	AR	RDS PI: KKPT / RDS PTY: Classic Rock 844
1603	KBEZ	92.9	Tulsa	OK	".that's because here on 'Bob' we like." 925
1926	KZTH	88.5	Piedmont	OK	".Merry Xmas from 'The House FM'." 1045
1933	KKPT	94.1	Little Rock	AR	RDS PS: artist/song / PI: KKPT / RDS PTY: Classic Rock 844
1958	WNNF	94.1	Cincinnati	OH	RDS PI: WNNF, prev by Tr 346
2037	WPAS	89.1	Pascagoula	MS	RDS PS: WPAS / PI: WPAS / PTY: Religious Music 977
2100	WEPR	90.1	Greenville	SC	RDS PS: WEPR / PI: 'WCX' / PTY: Public 600
2101	WXVS	90.1	Waycross	GA	RDS PS: WVXS90.1 / PI: WXVS / PTY: Classical 856
2318	WLTR	91.3	Columbia	SC	RDS PS: WLTR / PI: 'WGLV' / PTY: Public
2342	WFYV	104.7	Atlantic Beach	FL	RDS PI: WFYV / PTY: Rock 920

Dec 12 Tr

0112	WNNF	94.1	Cincinnati	OH	"Cincinnati's Frequency 941", RDS PS: artist/song / PI: WNNF 346
1518	WJJK	104.5	Noblesville	IN	Calls, CCR song 354

Dec 13 Ms

0741	Unid	90.1	?	??	".K-Love.", beamed SSW, several possible
0750	WVBG	105.5	Redwood	MS	".The best mix pf classic hits, 'V-105.5.', prev by Es 923

0819	WQST	92.5	Forest	MS	RDS PS: FAMILY / PI: 'WWP' / RT: AMERICAN FAMILY RADIO / PTY: Religious Talk, prev by Es 886
0901	WLBF	89.1	Montgomery	AL	RDS: FAITH RADIO / PI: 'KALE' 813
0936	WUFT	89.1	Gainesville	FL	RDS PS: WUFT-FM / PI: WUFT / RT: WUFT-FM / PTY: Public 960
0948	WZZK	104.7	Birmingham	AL	RDS PS: WZZK / PI: WZZK / PTY: Country, # 2700 logged! 754
1933	WFSU	88.9	Tallahassee	FL	RDS PS: WFSU-FM / PI: WFSU, prev by Es
1939	WMAU	88.9	Bude	MS	RDS PI: WMPN / PTY Classical 983
1946	WSLQ	99.1	Roanoke	VA	RDS PI: WSLQ / PTY: Unassigned, prev by Tr
2004	WSB	98.5	Atlanta	GA	RDS PS: B98.5 / PI: 'WDF' / PTY: Soft Rock, prev by Es 696
2318	WHLF	95.3	South Boston	VA	Ad with mention of South Boston and Roxboro NC 496
2325	WOBB	100.3	Tifton	GA	RDS PI: WOBB / PTY: Country 849
2326	Unid	100.3	?	??	RDS PI: 'KDCC', beamed SSW

#### Dec 13 Tr

0959	WTUE	104.7	Dayton	OH	Calls, Tom Petty song 302
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#### Dec 14 Ms

0014	KXKC	99.1	New Iberia	LA	C&W, RDS PI: KXKC / PTY: Country, prev by Es 1083
0016	WQIK	99.1	Jacksonville	FL	RDS PS: WQIK / PI: 'KFZE', prev by Es 919
0025	{WKBU}	95.7	New Orleans	LA	Matches to yes.com, ex WTKL 1054
0036	WZAT	102.1	Savannah	GA	".here on 'ESPN 102.1'." 797
0048	WBAM	98.9	Montgomery	AL	".2047 Bell Street, call 2.", web match to business in Montgomery 842
0049	WMMO	98.9	Orlando	FL	RDS PI: 'WVO' / PTY: Soft Rock, prev by Es
1603	KJLU	88.9	Jefferson City	MO	RDS PI: KJLU / PTY: Soft Jazz 661
1837	KEOM	88.5	Mesquite	TX	RDS PI: 'KENL' / PTY: Oldies, prev by Es
1906	WKNO	91.1	Memphis	TN	RDS PS: WKNO-FM / PI: WKNO / RT: Public / PTY: Public 732
1949	WLTQ	92.1	Venice	FL	RDS PI: WLTQ / PTY: Adult Hits, prev by Es
2009	WUSD	93.7	Harford	AL	".right here on 'Kickin' Country'." 900
2313	WNOB	93.7	Chesapeake	VA	RDS PI: WNOB / PTY: Adult Hits 564
2331	WRXX	95.3	Centralia	IL	With ant pointed S, RDS PI: WKXX / RT: X95 / PTY: Top 40 522
2350	WXVS	90.1	Waycross	GA	RDS PI: WXVS / PTY: Classical 856
2358	WJTG	91.3	Fort Valley	GA	RDS PS: WJTG / PTY: Religious Music, prev by Es 764

#### Dec 14 Tr

1850	WOSB	91.1	Marion	OH	Legal ID, NPR News //WOSU-89.7 220
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#### Dec 15 Ms

0003	WMFQ	92.9	Ocala	FL	Matches to yes.com, prev by Es 1003
0023	WJBT	93.3	Callahan	FL	RDS PI: 'KEUB' / PTY: R&B 900
0114	WQSM	98.1	Fayetteville	NC	".the Q-98 Christmas." 605
0825	WSEV	105.5	Gatlinburg	TN	Weak, ".the New Mixx 105.5.", 530 watts 556
1559	WMAU	88.9	Bude	MS	Legal ID mentioning all the other MPN stns

#### Dec 16 Ms

0031	KWQW	98.3	Boone	IA	Seveal pings with TLK, RDS PI: 'KWPV' 632
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#### Dec 17 Ms

1116	KGVA	88.1	Ft Belknap Agency	MT	Several pings with Native American drumming //stream. New Ms state
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and distance for me, prev by Es 1340

Dec 19 Ms

1128 KJWR 90.9 Windom MN RDS PI: KJWR / PTY: Religious Music 683

Dec 21 Ms

1348 WNSC 88.9 Rock Hill SC RDS PS: WNSC / PI: WNSC / PTY: Public 606

Dec 22 Ms

0037 KTCZ 97.1 Minneapolis MN RDS PI: 'KAYL' / PTY: Rock, prev by Tr 582

0132 KNOX 94.7 Grand Forks ND RDS PI: KNOX / PTY: Top 40 797

1631 WMAU 88.9 Bude MS RDS PS: MPB 88.9 / PI: WMPN / PTY  
Classical 983

1848 KJKJ 107.5 Grand Forks ND RDS PS: artist/song / PI: KJKJ / PTY: Rock

Dec 23 Ms

1017 CBH 102.7 Halifax NS Burns with CLA music //CBC Radio 2 Atlantic  
stream, prev by Es 890

1020 Unid 102.7 ? ?? Ping with RDS PI: 'KDIR' / PTY: Adult Hits,  
pointed E. WSQR?

Dec 24 Ms

1244 WMHK 89.7 Columbia SC Long burst off back of beam "..serving South  
Carolina.this is South Carolina's family  
friendly station, WMHK." 658

Dec 28 Ms

1037 WBNH 88.5 Pekin IL Preacher, RDS PI: WBNH / PTY: Religious  
Talk 460

1238 KLJC 88.5 Kansas City MO ".Chris Tomlin in concert Tuesday, March 29."  
matches promo on their website 741

1255 CBFYt 89.1 Ville-Marie QC Premiere Chaine FF, beamed N, others  
possible but this most likely 272

1405 WWIO 88.9 Brunswick GA NPR News, RDS PI: WWIO / PTY: Classical,  
prev by Es 857

1450 WUFT 89.1 Gainesville FL TLK, RDS PS: WUFT-FM / PTY: Public 960

Dec 28 Tr

1241 CBEW1 91.9 Leamington ON New station on the air, "CBC Radio One"  
//CBEW-97.5, mono 118

Dec 29 Tr

0732 CBEW 97.5 Windsor ON New station on the air, "CBC Radio One"  
over CIQM, mono 124

0808 CISO 89.9 Orillia ON New station on the air, weak with AC,  
"Sunshine 89.1" 119

Dec 30 Ms

1552 KMHA 91.3 Four Bears ND Long burst mentioning Minne-Tohe Health  
Centre 1061



# 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*

I think everywhere we can all agree that it has been a dead winter so far for DX. With most of the country succumbing to cold temperatures, tropospheric enhancement has been non-existent, even near the Gulf of Mexico and across the deep south. The winter E-skip season meanwhile, active in the 6 meter band at times, has not brought us any sustained openings of note. We hope for at least one event or two to keep us somewhat satisfied till spring. Otherwise, it's a good time probably just to get caught up on sorting out your logs or going through old unIDs to stay occupied.

### **Dennis Park Smith**

3605 Sam Remo Drive

Santa Barbara, CA 93105-2523

Tel: (805)687-7803

Times 24-hour PDT

This report is for December 2010. So-Calif coastal tropo to San Diego/Tijuana up to 220 mi: Little bits of poor tropo in the first half of month, but almost none in second half with LOTS OF RAIN.

Dec 1-3 am	Variably poor +
Dec 4 aft-5 aft	Poor
Dec 5 eve-6 aft	None
Dec 6 eve-8	Var. poor +
Dec 9-10	None
Dec 11-14	Var. poor-very poor
Dec 15-27	None
Dec 28	<u>Fair</u>
Dec 29-31	None

Don & Julia Voegele are in SBarb as of mid Dec. At their place on **Dec 21**, about 1200, we saw KTTV d11 "11" (Fox) Los Angeles CA (90 mi east), quite steady, on his UHF 8-bay pointed west. On **Dec 22**, 1100, KCOP-TV d13 "13" (My) L.A. also showed up, a little less. They did not show up on his VHF ant or 5-ft UHF dish, both pointed east, and haven't ever been easy to receive even with those ants. We wondered if the signals were new local translators, but no. Kinda puzzling. L.A. TV (Mt Wilson) comes through a mtn pass about 10 mi east, so *may* be knife-edge refraction, in which signals could be spotty, with the 8-bay maybe being in just the right spot for those two stns??

**Dec 28**, 1500, I was at Don's place on his UHF dish with fair tropo (best of month), with various stns including analog XHDTV 49 (My) Tecate/Tijuana BN/San Diego CA, and now also XHDTV-DT d47 "49" new on air, 220 mi SE.

SBarb DTV total is now 53 (1 new).

Best of DX to All

Dennis

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And for AM Dxters there's the AMDX list. To join, send a blank email to [amdx-subscribe@wtfda.info](mailto:amdx-subscribe@wtfda.info)

# THE CONICAL ANTENNA

All about the conical (fan) antenna, Telrex and Mike Ercolino

I received an email recently from someone through the wtfda.org website who built a conical TV antenna and asked me why the design was discarded in the first place. He calls it a "fan" aerial and has a website about it <http://cool386.tripod.com/fan/fan.html>.

He wrote "I was interested to see the description of the Fan aerial design in your technical articles. Recently, I constructed a replica of one and was most impressed with the results. What has me curious is why the design fell out of fashion. It certainly performs better than some more modern commercially made designs I've tried."

I posted the question to the tvfmdx list and Bob Cooper replied with the following information on the conical antenna.

The KING of Conical designs and the holder on the patent(s) was Mike Ercolino who operated Telrex Labs in Asbury Park, NJ. Dozens (and dozens) of copies appeared, all ignoring Mike's patents. Some tried to get around the patents (some granted, some pending) by adding a (high band) director, others tried to get around by making the back (reflector) elements also 'conical' shaped (Mike's original design had a single low band reflector). Still others tried adding more elements to the front (and back); in effect "more fan" for the money. The conical was/is broad band and does as well or better on high band as most other designs. One after another Ercolino sent his attorneys after the "copiers" and some fought, some just went to other designs. Telrex 4 Bay Conicals were the first REAL long haul antennas out there and he aggressively advertised (in Radio Electronics and

Radio-TV News) his "200 mile reception" claim - which rather quickly became the parallel claim of virtually everyone else - including those like Channel Master who came out with stacked ten element yagis. And THAT started the advertising



mileage/dB Gain claim wars that persisted through the mid-50s - the ultimate of which was the Riviera claiming 22 dB of gain (you have to study the advertisement to comprehend how

such an absurd statement could be made but the Riviera had nine (9) separate directions switch selectable (a rotor without a motor!) and EACH of those nine had around 2.4 dB of gain - someplace (if not uniformly) between 54 and 216 MHz). So if you multiply 2.4 dB times 9 you end up with around 22 dB. But the

switching system ONLY allowed you to use ONE of the nine positions at a time so in effect this was (here it comes!) a variation of Mike Ercolino's Conical.



By October 1954 they had joined the "mileage claim game" - note

the very tiny "up to" buried inside the "2" of 200. And their claims for gain obviously got them in difficulty at UHF so now this is scaled back to 30 miles. Note bottom right there is a different model that claims 100 miles VHF and 60 miles UHF! And of course the price has gone up but now it is a **RADAR** antenna!

Mike Ercolino manufactured the most impressive, state of the art ham radio antennas (at one point in Oklahoma as W5KHT I had a box array - 4 x 6 elements - on 6 meters). His "BIG BERTHA" rotating mast (up to 110 feet tall with huge motor at bottom in maybe ten+ yards of concrete) rotating ham mast was the fantasy of ALL hams in the 50s.

"Big Bertha" was a rotating mast of tapered very thick wall steel pipe - starting at 8 or 10 or 12" - and bigger; each was 'custom designed' for the user - diameter at the base (where the motor sat in the concrete foundation) and hams with lots of bucks bought them so they could stack multi-band beams (such as 20-15-10 meters although 15 meters was brand new in the early 50s); a few even had full sized 40 meter 3 element Telrex beams with the highest frequency at the top and staggered down to the lowest at the bottom. Saying you had a "Telrex" made you a "Grade A" ham but saying you had a "Big Bertha Array" made you "Triple A" in the ham world. This was prior to someone figuring out how to make beam elements shorter by placing loading coils in the elements so a 40 meter 3 element was in fact 66' elements. The REALLY outrageous would



STACK two beams on say 20 meters on their Big Bertha rotating masts. Mike made so much money from his Conical (TV) antennas he was able to dabble in this for-the-time "Fantasy Ham World" of what virtually everyone considered "the ultimate" in amateur antennas.

A small number (Channel Master was one) did get a "license" to "duplicate" his antenna designs (Conicals) but 90+% of those on offer in RE and RTVN were simply pirating his designs. Firms such as Channel Master elected to do this as an "interim device" until they had their own designs worked out. The Channel master "Commander" and so on were the direct result of this - each who did not want or could not get involved in a law suit either found some other design (Finco is a good example as is Gonset's Radar-Ray).

If the 8x-TV does not provide a usable signal, reception is impractical.

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The line in the Telrex advert reads "CONICAL-V-BEAMS are produced under Re-issue Patent No. 23,346". A sharp eyed reader will notice the "reflector" elements shown in the artwork are "4 elements" or "X-patterned". This was Ercolino's attempt to stop those who were trying to impinge on his original patented product which had a pair of horizontal reflectors.

### INDOOR ANTENNAS THAT WORKED!

Actually, setting aside the probably high noise figure (tubes in 1949 were anything BUT "low noise) there is one design feature here worthy of comment. Jerrold's "TV-FM Booster" (\$5 less than the In-Tenna but then they are identical except one has a set of standard rabbit ears attached!) was channel by channel tuning. In effect, you peaked the tuning knob for the best reception and as the advert claims "6 MHz bandwidth" - ie. a standard TV channel. What this did (as they note about interference rejection) would in fact be one heck of an improvement for the 2011 version indoor amplified antennas. They are all broadband (typically 50-900 MHz or so) and anything - ANY signal received between those two points consumes a portion of the available "maximum total output" for the amplifier before it goes into overload (variously known as Cross-Mod or 3rd order intercept). As our discussion panels have noted, some local strong FM (for example) stations will cause this to happen - the amplifier creates more output than it is rated to handle when passing these signals and everything turns to custard. The Jerrold like most (but not all) of the TV (FM)

boosters of that era were tuneable - you preselected the frequency region (such as 82-88 for TV channel 6) and everything outside falls "down the gain skirt" to the point where it does not cause problems. This was the precise reason why my CADCO FM Pre-Selector / low noise amplifier existed in the early 70s; it allowed the user to peak reception on a narrow portion of the 88-108 band and reject other FM stations - thereby allowing with careful adjustment tuning-in immediate adjacent in the presence of strong locals. So perhaps what the answer in today's world is a redesign of the "tuneable pre-selector" approach or some Microwave Filter bandpass filters IN FRONT of the device to pass say just the channel groups (7-13, 20-50 or whatever) the user requires.

All graphics and commentary thanks to Bob Cooper.



# THE FM DOWNCONVERTER

A new way to DX the FM band.



<http://www.dientronik.de>

Editor's note: Software Defined Radios (SDRs) are preferred by many AM and Shortwave DXers. An SDR consists of 1. a box with electronics that has an antenna input and a USB or serial port that connects to the computer and 2. a software program that lets the DXer tune the radio, set the selectivity, frequency band, noise reduction, notch filter and much more. Two SDRs used by most AM, LW and SW DXers are the Perseus and the SDR-IQ.

Keith McGinnis is the first FM DXer I know of who has purchased an FM downconverter for his Perseus SDR. Keith uses WRPlus software to tune the band. Here is his experience with FM DXing via SDR. -Ed

Well last week I received my FM downconverter from the company in Germany. I tried playing around with it (and the 3rd party software that people are using with it) and it seemed to work but the only problem was the connections in and out were SMA connectors. In trying to use those connectors I stupidly snapped off the pin from one of the F connectors into the SMA connector.

So in telling Bill my sad story he said to send it on down and he'd take a look at it. As it turns out he was able to install F connectors in the downconverter right next to the existing SMA connectors. He tried everything out and pretty impressed with the results (including saying that it was pretty sensitive and selective).

He sent it back to me and I received it yesterday and all I can say is WOW. I'm very impressed. The ability to see (and hopefully record) up to 2mhz of spectrum is a big plus. And Bill is right...The sensitivity and selectivity is great...so far equal if not better to the T-85. The filters with the 3rd party software (WRPlus 1.04) are 50, 80, 120, 150, 180 and 192. 120 is excellent and the shape factors seems as good if not better than the 110s. At 80 there is some audio distortion but not enough to make it unbearable (hey its just like dxng AM!). 50 is a waste but there still may be a time it would come in handy. Tuning with the software is quirky but you get used to and fine tuning is incredible. Stereo decoding is available as is RDS in both mono and stereo. At first I thought the RDS decoder was pretty deaf but as I played with the settings and filters it became apparent that it was pretty good. Not quite up to the Esslinger-Conrad combo but close. There are listening aids available such as Noise Reduction, De-emphasis filters, Notch filters, etc.

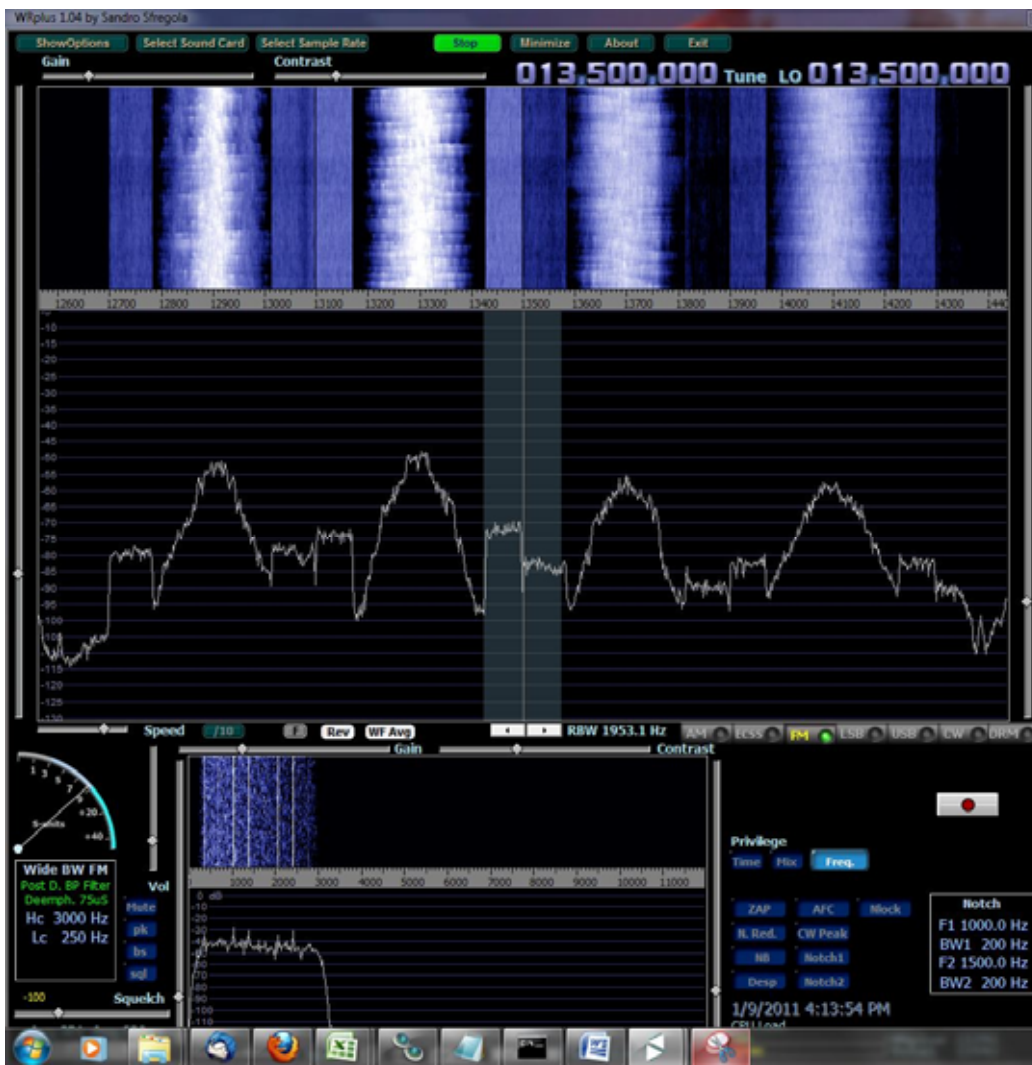
Yesterday under dead band cx I heard two new stations (WELH and WFMR). WELH could also be heard on the T-85 but not as well while WFMR was not heard on the T-85. Other stations heard yesterday with the downconverter but the the T-85 were CBD (very weak), WFME and WMAS. Being able to see the spectrum and the effects the phaser and antenna position have on it are a big help. Phasing was easier than just being able to hear the audio and see signal strength on a meter. One depressing thing was seeing the swath of IBOC from 92.7 to 94.7...uggghh.

The downconverter itself runs very warm as does the power supply and that will have to be watched.

Basically my antennas from the phaser run into the FM downconverter "RF in" and then another connecting cable runs from the downconverter's "IF out" to the Perseus "RF in". When I start the

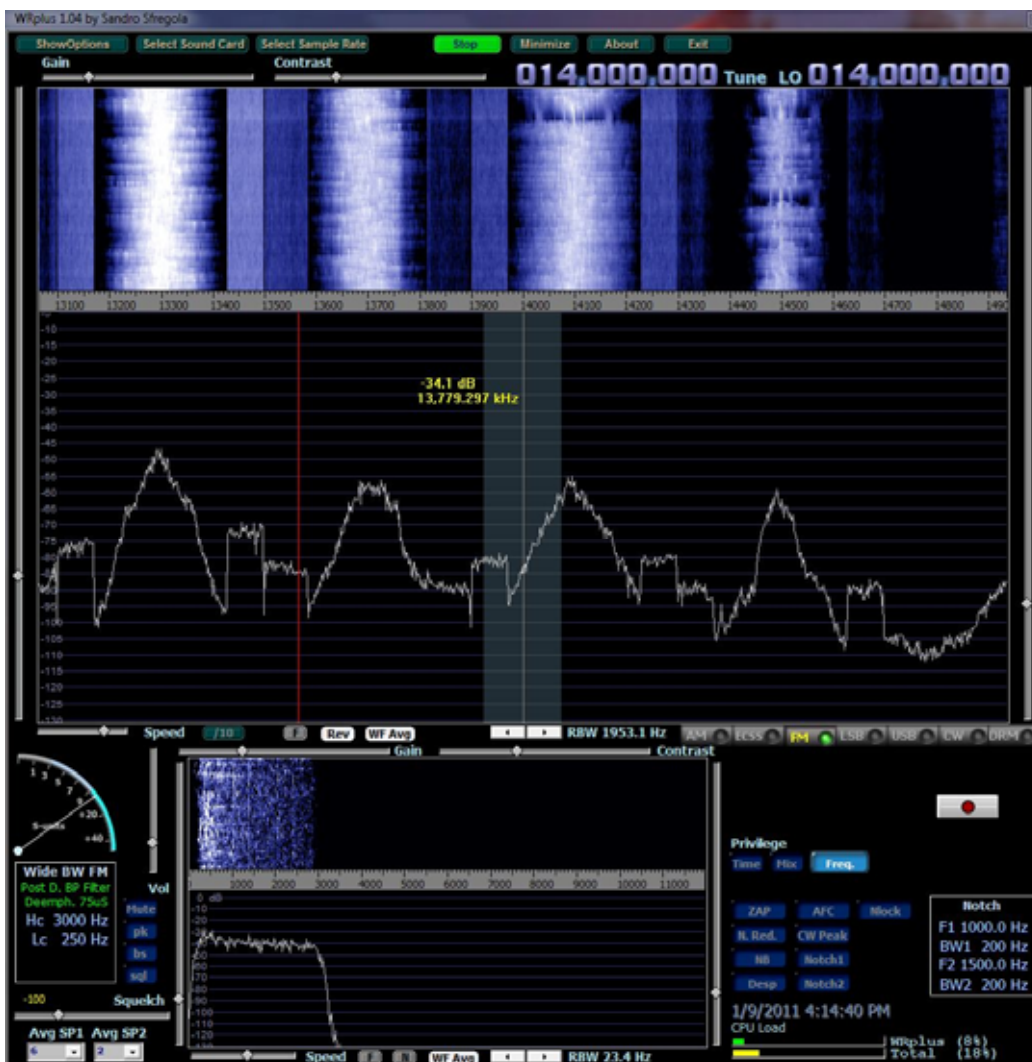
WRPlus software it starts both units up and then you are good to go.

Overall I'm very impressed with the results. It may or may not replace the T-85 but the potential is there and I can see that SDR's and Downconverters are also the future of FM dxng!!



FM Spectrum  
92.5 to 94.5

WRPlus (Winradio)  
Software



FM Spectrum  
93.1 to 94.9

WRPlus (Winradio)  
Software

**THE WORLDWIDE TV-FM DX ASSOCIATION  
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