

VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

APRIL 2013

The Magazine for TV and FM DXers



Ryan,

DX REPORT

This confirms your DX observation of WPBT Channel Two, South Florida Public Television at approximately 12:30PM on JULY 12, 1998.

Sincerely,

Sr. Vice President, Engineering/
Operations

Station Facts:

On-air -1955
Visual carrier - 55.25 MHZ
Aural carrier - 59.75 MHZ
Transmit Power - 100,000 watts ERP
(vertical and horizontal)
Circular polarization



Verie courtesy of Ryan Grabow

*I hope you
can watch
it again
soon.*



Visit Us At www.wtfda.org

**TOUGH ON DXERS
THE WINTER THAT WON'T GO AWAY!**

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.



Editor and publisher: **Mike Bugaj**

Treasurer: **Keith McGinnis** wtfda.org Webmaster: **Tim McVey**

wtfda.info Site Administrator: **Chris Cervantez**

Editorial Staff: **Jeff Kruszka, Keith McGinnis,**

Fred Nordquist, Nick Langan, Doug Smith,

Peter Baskind, Bill Hale and John Zondlo,

Our website: www.wtfda.org; Our forums: www.wtfda.info



The Mailbox

P.O. Box 501 Somersville, CT 06072

Mike Bugaj - Enfield, CT mikeb@wtfda.org

APRIL 2013



WELCOME TO WINTER?

Well, it might as well be. For days and days that blocking pattern which is sitting just south of Greenland has been funneling Arctic air down into the middle of the continental U.S. and back up the east coast. Conditions like this are not exactly helpful for DXers. Weeks of wind, snow and temperatures in the 30s don't help at all. When will it end? Or stated a bit differently...will it end? And what is the future for Punxsutawney Phil, now that his reputation is completely discredited? Will he change occupations and open up a used car dealership in Williamsport called Honest Phils?

MEMBERS AND MORE

This month we welcome **Lee Baca** to the WTFDA. Lee lives in Goleta, CA and liked the free sample eVUDs he received enough to join the club. Welcome, Lee!

We got lots of renewals this month. During the period of 2/20 through 3/16 we received them from **Rory Francisco, Harry Hayes, Calvin Glover, Richard Porter, Robert Steadman, Robert Grant, Frank Merrill, Neil Griffin, Roger Winsor, Gerard Hart, Glen Hale, Frank Drobny, Jeff Wolf, Dan Dankert, Paul Crego, Edward Ritchie, Ken Simon, John Demmitt, Bill Draeb, Jeff Rostron, Gunter Lorenz and Luis Franceschi.** Thank you everybody!

IN THE MAILBOX

Here's a note from **Tom Bryant** regarding the joint NRC/IRCA/WTFDA convention: "Not that anyone really cares, but I have a few thoughts on the mega-convention. First, it's an excellent idea.

Second, I doubt that I would have favored

the idea 20 years ago, but times change, and so do circumstances.

Third, the members of DX clubs all share a lot of common threads, even though they usually have specific favorite interests. It's those universal ties that make a multi-club convention practical.

Fourth, considering the difficulty in procuring hosts for conventions (regardless of the club), it makes sense to have one big 'convention' rather than fewer and smaller gatherings. There's still room for smaller get-togethers if individuals choose to do so.

Fifth, it might not be a bad idea to look into consolidating all the clubs into one organization. I'm sure there would be opposition to that, but I believe it's an area of discussion that should be approached with open minds. A mega-club would create a much larger pool of volunteer talent available to carry out necessary club functions."

Roger Winsor speaks about the condition of the hobby at his house: "The drought of this past year has yielded one new station! FM DX is affected by the dry conditions for sure."

And Chris Dunne posted this at the WTFDA Forums but I'm not sure how many people saw it, so here it is: "Radio Selectos 72.9 News from Humberto---very important. Humberto told me that Radio Selectos is no longer running on 72.9 MHz; only in-store & maybe via the Web at www.radioselectos.com

Another "beacon" gone. I guess we still have 87.5/71.9 for Central America; but 72.9 ran 1.5 kW!"

AND SO...

Put another log on the fire and another bucket of coal in the hopper and let's hope May is warmer and we can put the snow blowers away for the year! CU next month!



TV News

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

April 2013

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

MEXICO



Baja California Mexicali

66 **XHILA-TV** CX, gone digital-only on ch. 46; PG>107.5kw



Puerto Rico

Guaynabo 3 **WVTE-LD** CC from W03BS
 Mayaguez 36 **WNTE-LD** CC from W36EE
 San Juan 20 **WSJN-CD** PC>10kw



U.S. Virgin Islands

Frederiksted 60 **WEON-LP** CX



USA



Alabama

Birmingham 43 **WBMG-LD** AF DCC for analog 38 dismissed
 Dothan 41 **WRGX-LP** CC from WDON-
 Mobile 44 **WWBH-LP** DR from 27, 10kw, 30-40-46/ 87-50-23
 Opelika 30 **WLGA** NW 800kw/ 486m, 32-19-16/ 84-47-29



Arizona

Big Sandy Valley 27 **K27DA** DC 72w
 Bullhead City 3, 4, **K02HR**, DC 21/
 5, 7, **K04GT**, 116/
 8, **K11LX**, 93/
 12, **K07YJ**, 60/
 16 **K09KG**, 116/
K12OF, 94/
K16EV, 1100w
 Casas Adobes 64 **K64BV** CX
 Chloride 30, **K30GG**, DC
 32, **K32DW**,
 42, **K42CQ**,
 49 **K49EU**
 Colorado C. 27 **K27EJ** DC 760w
 Dolan Springs 35, **K35EI**, DC
 41, **K41BZ**,
 43 **K43GU**
 Globe 27 **K27KS** XC 33-20-31/ 110-52-12
 Golden Valley 21, **K21EG**, DC
 46 **K46CG**
 Kingman 23, **K23FV**, DC 750/
 31, **K31BI**, 2150/
 34, **K34EF**, 1200/
 41, **K41FT**, 1030/
 44, **K44DK**, 1200/
 48, **K48AY**, 1140/
 49, **K49GE**, 1200/

	50 K50CY	1300w
Lake Havasu City	21, K21EA,	DC 2440/
	29, K29FD,	2370/
	31, K31GZ,	2210/
	38, K38IR,	2340/
	39, K39FV,	2340/
	43, K43GJ,	2210/
	46 K46GI	2340w
Littlefield	31 K31EA	DC
Meadview	23, K23DK,	DC
	25, K25DH,	
	36, K36FZ,	
	38, K38GR,	
	47 K47HE	
Moccasin	35 K35EE	DC
Peach Springs	26, K26GF,	DC
	42 K42CP	
<i>Peeples Valley</i>	53 K53J	CX
Topock	21, K21FU,	DC
	42 K42EU	



Arkansas

Bentonville	14 KHM-F-CD	DG from 26, 13.4kw
Fayetteville	30 KEGW-LD	DG from 64, 15kw
<i>Green Forest</i>	54 K54FH	CX
Little Rock	16 KKYK-CD	CC from KLRA-
Little Rock	20 KLRA-CD	CC from KKYK-



California

Atascadero	46 KCCF-LD	CC from KSLN-
<i>Chico</i>	59 KSGO-LP	CX
<i>Crowley Lake</i>	58 K58BN	CX
<i>Lakeport</i>	54, K54CY,	CX
	58 K58AW	
<i>Long Valley</i>	60 K60BR	CX
Los Angeles	2 K02RB	PG>1.5kw, 34-13-55/ 118-04-18
<i>Los Angeles</i>	67,6KNLA-LP	CX
	8	
Needles	17, K17BN,	DC
	31 K31HY	
Palm Springs	11 K21DO	DR from 21 dismissed
Sacramento	39 K39JM	CX
San Luis Obispo	11 K11WB	CX
San Luis Obispo	60 KPXA-LP	CX
Santa Maria	22 K22LM	NS 15kw, 34-31-32/ 119-57-28; DCC for K46GF
Ventura	23 KIMG-LP	DR 1.5kw; DG



Colorado

Colorado Springs	26 KTLO-LD	DG from 49, 15kw
<i>Denver</i>	47 KSBS-LP	PR<8.94kw, 39-43-45/ 105-14-14
<i>Denver</i>	66 K66FB	CX
<i>Estes Park</i>	63 K63AB	CX
<i>Romeo</i>	59 K59BG	CX



Delaware

Dagsboro	14 W14DK	NW 2.6kw, 38-33-08/ 75-13-23 (Blue Bird)
Wilmington	2 KJWY	GA from Jackson, Wyoming



Florida

<i>Jacksonville</i>	69 WUBF-LP	CX
<i>Key West</i>	31 WTVK-LP	PR>1.5kw, 24-33-25/ 81-48-09; amendment to add power increase
Maxville	33 WUJF-LP	DC 15kw
<i>Tallahassee</i>	65 WTBC-LP	CX
Tallahassee	65 WTBC-LP	CX
Matecumbe	43 W43CB	PC>15kw
Panama City	45 W45DJ	NW 15kw, 30-11-26/ 85-47-09 (Broadway Comms.)
Perry	15 WSFD-LD	NW 15kw, 36-08-00/ 83-35-45; DCC for analog 18
Port Charlotte	27 W27DX	NS 15kw, 26-47-07/ 81-47-47; DCC for W17CK
Sebring	38 WGPS-LP	DC from 51, 15kw, 27- 27-14/ 81-24-23
Vero Beach	10 WWCI-CA	DR 1.8kw, 27-36-13/ 80-23-04; DG
<i>West Palm Beach</i>	53 WALO-LP	CX



Georgia

Athens	26 W26EM	QG from W18EB, 4.33kw, 33-59-18/ 82- 53-59
--------	----------	--



Hawaii

Lihue	28 K55DZ	CX
<i>Lihue</i>	55 K55DZ	CX



Idaho

<i>Burley</i>	59 K59CC	CX
Coeur d'Alene	18 K18DT	PR>15kw
Kamiah	11 K11KO	DR 10w, 46-11-49/ 116-02-34
Sandpoint	48 K48DX	PR>630w; PG



Illinois
Chicago 44 WLS-TV NS 1000kw/ 437m, 41-53-56/ 87-37-23 (aux)
Chicago 44 WLS-TV NS 908kw/ 475m (aux)



Indiana
Kokomo 12 WKGK-LD NS 3kw, 40-26-58/ 86-04-57; DCC for analog 50
South Bend 57 WMYS-LP CX
Sullivan 8 WVGO- CX
Sullivan 54 WVGO- CX
W Lafayette 20 WUVI-LD PR<100w, 41-29-16/ 87-28-06; PG



Iowa
Cedar Rapids 57, KHHH-, CX
67 KCDE-LP
Spencer 18 K55FL DR from 55, 6.9kw
Spencer 21 KBVK-LP DR from 52, 6.8kw



Kansas
Ulysses 33 K33KM NW 1kw, 37-34-53/ 101-18-27



Louisiana
Alexandria 24 K24LJ NS 15kw, 31-14-15/ 92-27-48 (EICB)
Crowley 38 K38OF PR<320w, 30-13-56/ 92-34-38
L. Charles 63 K63HF CX



Maryland
Ocean City 63, WXOC-, CX
65 WYOC-



Minnesota
Alexandria 57 K57JX CX
Alexandria 58 K58DS CX
Duluth 58 K58CM CX
Redwood Falls 52 K52GU CX
Rochester 56 K56HW CX



Mississippi
Cleveland 17 WFXW-LD NW 300w, 33-22-23/ 90-32-25 (Commonwealth Bcstg. Group)
Fulton 39 W39CA DR 15kw; DG
Jackson 14 WJKO-LP CX
McComb 49 W49ED PR<1kw, 30-42-44/ 90-11-13; PG
Pontotoc 15 W25CG DR 5kw; DG



Missouri
Rolla 29, K29JF, NW 5.6kw, 37-56-37/ 32, K32JJ, 91-47-06 (Alma Corp.)
34, K34KX, 36 K36KA
Saint Joseph 16 KBJO-LD PC>15kw, 39-45-00/ 94-50-25; CC from K16KF
Springfield 33 K33NG NS 15kw, 37-13-09/ 92-56-57; DCC for K47LH



Montana
Bozeman 54 KHJT-LP CX
Glendive 50 K50NH NS 1.75kw, 47-07-14/ 104-28-41
Livingston 55, K55CF, CX
60, K60BE,
63, K63BV,
66 K66BR
Poplar 22 K55BX DR from 55, 245w reinstated & DG



Nebraska
North Platte 25 KNPL-LD FC; now originates programming rather than relaying KGIN; remains CBS.
North Platte 49 K49LK NW 1kw, 41-13-22/ 100-41-17 (EICB)
Omaha 57 KAZO-LP CX



Nevada
Panaca 55 K55AO CX



New Hampshire
Westmoreland 15, W15DV, NS 1kw, 43-05-38/ 72-

20, W20EB,
38, W38FV,
44 W44DU

19-03



**New Jersey
Middletown
Township**

3 KVVV GA from Ely, Nevada



New Mexico

Albuquerque 43 KNMQ-LD CC from K43HW
Dora 67 K67CS CX
Gallina 67 K67CE CX
Horse Springs 66 K66EE CX
Raton 24 K24IY NW 15kw, 36-40-56/
104-24-52 (Mainstreet)



New York

Binghamton 23 WBPN-LD PG<80w, 42-05-38/
75-57-27
Corning 22 W22ET NS 15kw, 42-08-31/
77-04-40 (Vision
Comms.)
Ithaca 22 W16AX DR from 16, 15kw
Kinderhook 22 WNYA-CA QR from 15, 59kw, 42-
22-20/ 73-58-08
Syracuse 34 WONO-CD NS 5kw, DCC for
analog ch. 11
Utica 53 W53AM CX



North Carolina

Asheville 64 WAEN-LP CX
Goldsboro 63 W63CW CX
Sanford 67 W67CD CX



Ohio

Bridgeport 28 WVTX-CA DC 15kw, 40-03-15/
80-45-34
Cleveland 53 WCDN- CX
Steubenville 21 WSSS-LD DG from 25, 3kw



Oklahoma

Alva 56, K56FK, CX
58 K58EM
Cherokee 60, K60ER, DCX
62, K62EH,
64 K64EA
Durant 5 KXDA-LD PR<100w, 33-07-57/
96-39-39; PG
Guymon 53 K53BE CX

Mooreland 61 K61CW CW
Seiling 53, K53CI, CX
55, K55EZ,
57 K57EA

Tulsa 19 KEGG-LD QC from 18, 15kw, 35-
43-25/ 95-59-15; CL
from McAlester

Tulsa 38 KXAP-LD OG from 51, 36-09-27/
95-58-33

Woodward 14 K14MV CX
Woodward 59, K59EE, CX
63, K63CF,
65, K65CO,
67, K67CW,
69 K69DH



Oregon

Bend 43 KUBN-LD XG 44-34-45/ 121-09-
09

Bend 53 K53JV CX
Carpenter-ville 17 K17KM CX
Carpenter-ville 60 K60BJ CX
Hood River 20 K20EH DC 258w, 45-44-31/
121-34-43

Madras 66 K66BC CX
Maupin 52, K52CH, CX

54, K54BK,
56, K56CD,
58, K58BU,
60,6K60CH,
2 K62EI

Newport 15 K15DS DC 2kw
Prineville 66 K66AZ CX
Sunriver 23 K23FS CX
Tillamook 35 K35CR DC 350w



Pennsylvania

Charleroi 40 WMVH-CA DR from 26, 1kw, 40-
23-34/ 79-46-54

Philadelphia 3 WFPA-CA DR from 28 dismissed,
objection from PMCM

Philadelphia 23 WTSD-CA DR from 14, 15kw, 40-
02-19/ 75-14-14

Meadville 46 W52BO DR from 52, 1.92kw,
41-13-41/ 80-20-42
reinstated

Williamsport 33 W33DZ NS 15kw, 41-11-29/
76-58-37; DCC for
W39BT



South Carolina

Charleston 12 WHDC-LP DR 1.37kw;DG; permit
for DCC on ch. 10 CX



South Dakota

Kimball 34 K34MW NS 2kw, 43-44-37/ 99-

Mitchell	24, NEW-lpdtv 28, 42, 46	06-13 AF dismissed (Landover 2 LLC)
Murdo	32, K32LK, 49 K49NA	NS 1kw, 43-53-34/ 100-43-21
Rapid City Sioux Falls	33 KRPC-LP 53 KWSF-LP	CC from K33CO CX
Reliance	30, K30NU, 36, K36NC, 40, K40NT, 47 K47ON	NS 2kw, 43-59-02/ 99- 36-04



Tennessee
Knoxville 24 WDTT-LP DC 1.5kw



Texas		
Amarillo	6 KBEX-LP	CC from KXIT-
Beaumont	69 KAQB-LP	CX
Big Spring	54 K54JQ	CX
Brownwood	13 KZAU-LP	DR 3kw, 31-28-38/ 98- 35-21
Corpus Christi	68 K68DJ	CX
Corpus Christi	69 KVVC-LP	CX
Dallas	4 KHFW-LD	PR>3kw, 32-46-48/ 96- 48-14; PG
Jolly	31 K31MS	NS 3kw, 33-52-24/ 98- 21-10
Killeen	30 KPLE-CD	DG 15kw
Uvalde	15 K15BV	PR>990w, 29-15-41/ 99-44-54
Victoria	10 K10PL	DR 3kw, 29-06-48/ 97- 16-54; DG



Utah		
Aurora	53 K53CF	CX
Blanding	52, K52KH, 53, K53JR, 55, K55KO, 56, K56JJ, 57, K57KC, 58 K58IX	CX
Price	19 K19EX	DR 284w; DG from K18DF
Price	58 K58IU	CX
Vernal	29 K29LB	NS 170w, 40-21-03/ 109-09-45
Woodland	52 K52JZ	CX
St. George	24 K24CY	DR 300w
St. George	58 KUTG-LP	CX



Washington
Dryden 52 K52ER CX



West Virginia		
Cedarville	28 W28DR	NW 10.1kw, 38-43-43/ 80-39-49 (WV EBA)
Welch	29 W29DP	NW 15kw, 37-25-52/ 81-35-35 (WV EBA)



Wisconsin		
Elk Mound	25 W25EY	NS 1kw, 44-54-56/ 91- 41-50
La Crosse	58 WJJC-LP	CX



Wyoming		
Cody	50 K50MY	DC
Freedom	66 K66DU	CX
Gillette	46 K46MS	NS 1kw, 44-12-50/ 105-55-02
Sheridan	13 KSGW-TV	PR>72.4kw

Unless otherwise noted, the new LPTVs listed this month all belong to Landover 2 LLC.

WHDC-LD's permit to flash-cut to digital includes permission to change the city of license to Charleston, North Carolina.

The new site is only a few miles from the old one. Both are at least 70 miles from the North Carolina border. Best I can tell from a Google search, there is no Charleston in North Carolina.

In other words, this is a typo.

XHILA-TV has received permission to silence its analog signal & go digital-only a few months early. Indeed, their analog signal on channel 66 is already off, as of March 7th. The normal deadline for shutdown of analog TV in Baja California Norte is November 26th.

The COFETEL decision cites the presence of seven digital TV stations already operating in Mexicali, plus four reaching the city from the U.S.. It seems to consider XHILA's audience north of the border, noting that nearly 49% of the households in the Yuma/El Centro market received & used converter box coupons.

The government also notes that 37% of homes in Mexicali have HDTVs (not just digital TVs or converter boxes, but receivers capable of viewing HD) and 55% have cable or satellite.





FM NEWS



BILL HALE

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

FMnews@wtfd.org

APRIL 2013 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)
DA: directional antenna
FF: French language
\$: Stereo

XL: Transmitter Location

[]: Calls in brackets signifies assumed or applied-for status

Note: antenna heights are HAAT except where noted

— CANADA —

— CALL LETTER CHANGES —

None to report this month!

— FORMAT and SLOGAN CHANGES —

ON Paris 89.1 CBLA-FM2 New station is on the air with CBC-E, plus local Kitchener-Waterloo programming: *CBCKW891* [see below for technical parameters]

— TECHNICAL CHANGES —

BC Whistler 101.5 CKEE-FM Now on the air: 1.875 kW-H/(-)244 m DA, 50-04-45/123-01-00; Class A; \$
ON Paris 89.1 CBLA-FM2 13.5 kW-H/221 m DA, 43-15-39/80-26-38; Class B; Mono

— TECHNICAL CHANGES —

ON Collingwood 102.9 CFMO-FM CP granted for: > 23 kW/> 255 m DA, 49-48-21/80-19-40; Class C1 (from B); \$; move from 104.9
ON Georgina Island 92.3 CFGI-FM > 650 W-V/> 24 m, 44-22-22/79-18-46; Class A (from A1); \$; move from 102.7

— TECHNICAL CHANGES —

GRANTS FOR NEW STATIONS

MB Flin Flon 102.9 [CFAR-FM] CP granted for: 191 Watts/55 m, 54-45-50/101-52-00; Class A1; Mono [AM station CFAR-590 Flin Flon will remain on the air and be // to the new FM station as the licensee notes the AM station serves a vast area of northern Manitoba that the FM station will not cover]
MB The Pas 102.9 [CJAR-FM] 250 Watts/38 m, 53-48-46/111-16-35; Class A1; Mono [AM station CJAR-1240 The Pas will remain on the air and be // to the new FM station as the licensee notes the AM station serves a vast area of northern Manitoba that the FM station will not cover]
MB Thompson 102.9 [CHTM-FM] 190 Watts/96 m, 55-42-08/97-52-56; Class A1; Mono [AM station CHTM-610 Thompson will remain on the air and be // to the new FM station as the licensee notes the AM station serves a vast area of northern Manitoba that the FM station will not cover]
MB Winnipeg 88.1 CKSB-FM 100 kW/223 m, 49-46-15/97-30-37; Class C1; Mono [will replace CBC-FF CKSB-1050 St. Boniface; rebroadcasters CKSB-FM1 92.9 Ste. Rose du Lac, CKSB-2 860 St-Lazare, CKSB-FM3 93.7 The Pas, CKSB-FM4 99.9 Flin Flon, CKSB-FM-5 99.9 Thompson and CKSB-FM8 99.5 Brandon, Manitoba, and CKSB-FM6 102.7 Dryden, CKSB-FM7 93.5 Kenora and CKSB-FM9 89.1 Fort Frances, Ontario will continue operating with programming from the new FM station]
ON Rockland 92.5 CP 300 W/60 m, 45-31-27/75-17-30; Class A; \$ [will be Adult Contemporary plus offer weather, sports and special features]
ON Barrie 98.5 CKEY-FM 50 W-V/19 m, 44-23-58/79-41-45; Class LP; \$ [will be Tourist Information]
QC St-Fabien-de-Panet 92.5 CP 17.5 kW/123 m, 46-39-23/70-08-49; Class B; \$ [will be FF Hot AC, // CIQI-FM 90.3 Montmagny]
QC Val-des-Lacs 106.5 CHVL-FM 5 W-V/(-)4 m, 46-10-56/74-20-32; Class LP [will be a FF Developmental Community Station]
QC Weedon 98.5 VF8027 1.2 W/-3 m, 45-45-22/71-24-50; Class LP [will be FF Religious]

— TECHNICAL CHANGES —

— APPLICATIONS FROM EXISTING/PROPOSED FACILITIES —

NB Fredericton 96.5 CIXN-FM Applies for: > 250 W/82 m, XL to 45-56-27/66-39-12; Class A1 (from LP); Mono (from \$)

— APPLICATIONS FOR NEW STATIONS —

NT Fort Norman 100.9 [CBQI-FM] Applies for: 50 W/(-)57 m, 64-54-07/125-34-20; would replace CBQI-920

			— DISMISSALS —
QC Montreal	91.9	CKLX-FM	The CRTC has denied the stations application to change its format to 'specialty spoken word'. CKLX-FM remains Jazz/Pop/Blues/Special Interest Music.
			— OTHERNEWS —
ON Dryden	97.3	CJIV-FM	Will go silent before current license expires on September 1, 2013 due to lack of listenership

NEWS ITEM: Strike at Three Saint John Radio Stations Enters 9th Month
Seven employees of three local Saint John radio stations are entering their ninth month of a strike as they fight the Maritime Broadcasting Group for better benefits.
The employees for CFBC, K-100 and Big John FM, which are owned by the Maritime Broadcasting Group, walked off the job in June seeking higher wages and paid overtime.
The workers are represented by the Canadian Media Guild and are asking for \$12 to \$17 per hour. (The CBC is also represented by the Canadian Media Guild.)
But the latest offer according to the striking workers is \$10.58 to \$12.98 an hour.

NEWS ITEM: CBC's new Kitchener-Waterloo station blends online with radio
CBC's newest station launched on March 11, offering residents in Ontario's Waterloo Region an innovative hybrid of local radio coverage and interactive online content.
The station, located in downtown Kitchener, offers both radio and online content featuring local news, weather, community information, commentary, local guest columnists and traffic information.
It's part of CBC's five-year plan to expand coverage across the country, particularly into under-served areas. [See Paris, Ontario items, above]

— UNITED STATES AND TERRITORIES —

— CALL LETTER CHANGES —

FULL POWER and LPFM STATIONS

		<u>Old Call</u>	<u>New Call</u>			<u>Old Call</u>	<u>New Call</u>	
AL	Green Valley	97.1	KNST-FM	NY	Endicott	105.7	WMRV-FM	WBNW-FM
AK	Sterling	104.9	KMVV	OR	Portland	91.1	KRRC	KXRY
CA	Carlsbad	95.7	KOGO-FM	PA	West Grove	91.7	CP	WZWG
CA	Los Angeles	104.3	KBIG-FM	SD	Dell Rapids	95.7	KSQB-FM	KQSF
GA	Valdosta	88.5	WVAI	SD	Flandreau	107.9	KXQL	KELQ
IL	Dundee	103.9	WWYW	TN	Cookeville	98.5	WGIC	WKSX
IA	Anamosa	95.7	KWVG	TX	Crocket	93.5	KBHT	KBPC
KS	Goodland	89.1	KLXG	TX	Eldorado	99.5	CP	KQTC
LA	Homer	102.3	KQXM	TX	Kempner	106.9	KHLE	KOOV
MD	Rising Sun	89.1	CP	TX	Palacios	91.3	CP	KPAL
MA	Boston	96.9	WTKK	TX	Ranger	98.5	KLQM	KWBY-FM
MS	Dekalb	90.3	CP	TX	San Diego	102.5	CP	KXAM
MO	Marshfield	91.9	KNLM	TX	Scotland	95.5	KJKB	KXPB-FM
MT	Roundup	100.1	CP	UT	Mona	92.9	CP	KPUT
NV	Carson City	97.3	KSGG	UT	Spanish Fork	106.5	KOSY-FM	KAZ-FM
NM	Ruidoso	91.3	KYCT	VA	Windsor	105.3	WVMA	WNOH

TRANSLATOR and BOOSTER STATIONS

		<u>Old Call</u>	<u>New Call</u>			<u>Old Call</u>	<u>New Call</u>	
AL	Brewton	92.3	W221CD	NV	Reno	106.3	KWNZ-1	KWNZ-FM1
AL	Eulaton	96.9	CP	NV	Sparks	90.9	K211EB	K215FK
AZ	Strawberry	98.3	K255AQ	NV	Spring Valley	95.1	K207DU	K236BM
AZ	Whiteriver	88.9	K257EZ	NJ	Four Corners	103.1	W275AT	W276CK
AR	Booneville, etc	105.9	K288CH	NM	Las Cruces	90.3	K211EN	K212GF
CA	Baker	106.3	CP	NY	Catskill	106.9	W296AT	W295BN
CA	Banning	88.7	K201AR	NY	Cobleskill	94.3	W285EO	W232CE
CA	Fortuna	95.1	KMDR-1	NY	Elmira	95.7	W237DN	W239BQ
CA	Paulsell	92.3	CP	NY	Endwell	96.9	W221AX	W245BV
CA	San Luis Obispo	92.1	K209CE	NC	High Point	102.5	W275AL	W273CE
CO	Colorado Springs	92.5	K276FL	NC	Wake Forest	95.1	W237BA	W236CA
CO	Estes Park	104.7	W231BQ	NC	Winston-Salem	88.9	W260BK	W206CB
CO	Kremling	99.5	CP	OH	Auburn	95.5	W292DT	W238BJ
CO	Pueblo West	103.3	APP	OH	Findlay	91.5	W215BW	W218CS
CO	Redstone	102.1	K272DB	OH	Fremont	89.1	W201AX	W206BX
DE	Milford	104.1	W280EE	OR	Chiloquin	88.7	K202DE	K204GH
FL	Kissimmee	96.1	CP	PA	Dickson City	94.7	W236BV	W234BV
FL	Twentymile Bend	97.1	W244BK	PA	Farmer's Valley	99.7	W257CW	W259BO
HI	Lihue	90.3	K209FK	PA	Girard	93.1	W233BK	W226BQ
ID	Kamiah	88.7	KIYE-1	PA	Lane	99.7	W256BS	W259BO
ID	Soda Springs	104.7	K283BR	PA	Lewisburg	100.1	W215BU	W261CA
IL	Joliet	99.1	W232BL	TN	Lake City	100.7	W265BQ	W264CL
IA	Storm Lake	99.9	K207EV	TX	Hereford	90.5	K214CC	K213FE
IA	Winterset	93.7	K230AT	TX	Austin	105.3	K288FJ	K287FG
KS	Oberlin	91.3	K220JT	UT	Park City	106.5	KOSY-FM1	KAZ-FM1
LA	Many	93.9	K232DF	UT	St. George	99.5	K231BP	K258CC
MI	Manistee	107.9	W253AR	UT	Wellsville	88.3	K201FT	K202EJ
MI	Paw Paw	90.3	CP	VT	Newberry	88.9	W258AZ	W205CO
MI	Paw Paw	101.7	W266CB	VA	Gainesville	106.3	W240BH	W292EC
MN	Duluth	90.9	W203AL	VA	Martinsville	100.7	W265CA	W264CM
MN	Hinkley	106.3	W286CC	WA	Port Angeles	101.7	K271AZ	K269FX
MN	North Branch	91.5	K220DO	WA	Walla Walla	102.3	K269FY	K272EZ
MO	Brookfield	91.1	K218BQ	WY	Gillette	94.1	K232CT	K231BT
NV	Reno, Sparks	103.3	K291BJ					

— FORMAT AND SLOGAN CHANGES —

— Full Power and LP Facilities —

AL Ozark	104.9	WAOB	> Adult Standards: <i>WOAB 104.9</i>
AL Selma	88.3	WAPR	Returns to the air with News: <i>Alabama Public Radio</i> [National Public Radio]
AZ Flagstaff	93.9	KMGH	> Rock: <i>93.9 The Mountain - Northern Arizona Rock Radio</i>
AZ Morristown	99.5	KRPB	Returns to the air with Regional Mexican
AR El Dorado	90.9	KBSA	> News/Talk
AR Newark	90.9	KLLN	Changes slogan to <i>Timberwolf Radio</i>
CA Lost Hills	105.7	KQMX	Returns to the air with Regional Mexican
CA Porterville	99.7	KIOO	Changes slogan to <i>997 Classic Rock</i>
CA Ridgecrest	90.5	KRSR	Signs on with Religious Teaching: <i>Radio 74 Internationale</i> [Radio 74 Internationale]
CA San Diego	98.1	KIFM	> Smooth AC
CA Woodland	101.5	KMJE	> Oldies: <i>K-Hits 92.1</i>
CO Sterling	104.7	KNNG	> Talk: <i>104.7 King FM</i>
CO Yuma	100.9	KNEC	> Adult Hits: <i>Sam 100.9</i> [Dial Global - SAM]
FL Cocoa	91.5	WMIE-FM	Adds slogan <i>The Best In Modern Praise and Worship</i>
FL Jupiter	106.3	WUUB	> Sports: <i>ESPN 106.3</i> [ESPN Radio Network]
FL Key West	90.9	WJIR	Changes slogan to <i>Committed To The Community</i>
FL Lynn Haven	104.3	WBYW	Returns to the air with Gospel: <i>Power 104.3</i>
FL Weirsville	104.5	WIFL-LP	Returns to the air with Variety
GA Brunswick	100.7	WMUV	> Country: <i>Country 100.7</i>
GA Gray	96.5	WPCH	> Country: <i>New Country 96.5</i>
HI Paia	102.9	KMKV	Returns to the air with Contemporary Christian: <i>K-Love</i> [K-Love]
ID Grangeville	88.3	KKAG	> Oldies: <i>Retro Radio</i>
ID Grangeville	90.9	KKRH	> Contemporary Christian: <i>Real Hope Radio</i>
IL Carlinville	90.1	WTSG	Returns to the air with Southern Gospel/Religious Teaching: <i>Easy Listening Christian Radio</i>
IL Dundee	103.9	WFXF	> Classic Rock: <i>103.9 The Fox</i>
IL Wilmington	105.5	WYKT	> Rock
IN Columbia City	106.3	WHPP	Changes slogan to <i>106.3 Click Hop</i>
IN Crothersville	89.7	WOJC	Returns to the air with Religious Teaching: <i>Truth Heard In Black & White - No Compromise</i> [Calvary Radio Network]
IN Kendallville	93.3	WBTU	Changes slogan to <i>New Country U.S. 93.3</i>
IN Plainfield	91.3	WWDL	Adds slogan <i>91.3 The Walk</i>
IA Britt	103.1	KHAM	> Returns to the air with Adult Contemporary [also see Othernews, below]
KS Goodland	88.9	KLXG	> Classic Country: <i>Cat Country FM</i>
KY Campton	103.7	WCBJ	> Adult Contemporary: <i>B 103</i> [Dial Global - Adult Contemporary]
KY Liberty	98.7	WKDO-FM	> Classic Country: <i>Classic Country 98.7</i>
KY Morehead	106.1	WMOR-FM	> Adult Hits [Dial Global - SAM]
LA Alexandria	90.7	KLSA	> News/Talk
LA Baton Rouge	89.3	WRKF	Changes slogan to <i>Discover With Us</i>
LA Lafayette	87.7	KXKW-LP	> Classic CountryL <i>The Mustang</i>
LA Minden	90.9	KKML	Signs on with Contemporary Christian: <i>Miracle 89.1</i> [Salem - The Word in Praise]
LA Monroe	101.9	KNOE-FM	> Urban Contemporary: <i>Mix 101.9</i>
LA Shreveport	89.9	KDAQ	> News/Talk
MI Grand Rapids	101.3	WBFX	Changes slogan to <i>The Brew</i>
MI Marquette	103.3	WFXD	Changes slogan (back to) <i>103-FXD</i> , as they continue with Country
MS Coldwater	95.3	WEBL	> Classic Country: <i>Y 105.5</i>
MO Kimberling City	100.1	KOMC-FM	> Adult Contemporary
MO Montgomery City	103.9	KMCR	Changes network to Dial Global - Adult Contemporary, remaining Adult Contemporary: <i>KMCR 103.9 Best Music - Better Variety</i>
MT Lewistown	95.9	KLCM	Changes slogan to <i>Rockin' Central Montana</i>
NE Chadron	90.5	KJZC	> Jazz
NE North Platte	94.9	KJLT-FM	Adds slogan <i>King Jesus Lives Today</i>
NE Seward	96.9	KZKX	Changes slogan to <i>New Country KX 96.9</i>
NH Rochester	96.7	WQSO	Changes slogan to <i>News Radio 96.7</i>
NY Endicott	105.7	WBNW-FM	Changes slogan to <i>Now 105.7</i>
NY Woodstock	100.1	WDST	Changes slogan to <i>Radio Woodstock 100.1</i>
NC Beech Mountain	102.3	WECR-FM	> Country: <i>Highway 106</i>
NC Calypso	91.1	WGXM	Signs on with Southern Gospel: <i>Go Mix Christian Radio</i>
NC Elk Banner	100.7	WZJS	> Classic Hits: <i>Classic Hits 100.7</i>
NC Tarboro	89.1	WNIA	Adds slogan <i>Big Bank Radio WNIA 89.1</i>
OH Cleveland	90.3	WCPN	Changes slogan to <i>The All-Day Brain Good</i>
OH Springfield	89.1	WUSO	Returns to the air with Adult Alternative
OK Antlers	90.3	KMAC	Signs on with Religious Teaching [Eternal Word Network]
OK Blanchard	97.3	KKNG-FM	> Religious Teaching [Eternal Word Network]
OK Kingfisher	105.3	KINB	> Sports: <i>105.3, The Pro</i> [CBS Sports]
OR Milton-Freewater	88.5	KLRF	Changes slogan to <i>Sounds of Glory</i>
SC Clemson	104.9	WCCP-FM	Changes slogan to <i>104.9 FM Talk Sports</i>
SC Greer	103.3	WOLT	> Classic Hits: <i>Earth 103.3</i>
SC McClellanville	98.9	WWIK	> Sports: <i>ESPN 98.9 FM</i> [ESPN Radio Network]
SD Dell Rapids	95.7	KQSB	> 60s-80s Hits: <i>Kool 95.7</i>
SD Flandreau	107.9	KELQ	> Talk // KELO-1320 Sioux Falls: <i>KELO AM 1320/107.9 FM</i>
SD Pierre	92.7	KGFX-FM	> CHR, remaining <i>River 92-7</i>
TN Cornersville	89.9	WLWW	Signs on with Southern Gospel
TX Arroyo	88.1	KVJS	Signs on with Religious Teaching
TX Austin	88.7	KAZI	Adds slogan <i>KAZI 88.7 FM - The Voice Of Austin</i>
TX Devine	92.5	KRPT	> Classic Country: <i>92.5, K-Buc</i>
TX Grape Creek	104.5	KPTJ	Returns to the air with Tejano: <i>Tejano 104</i>

TX Kempner	106.9	KOOV	> Regional Mexican: <i>La Caliente</i>
TX LaGrange	104.9	KBUK	> Classic Country: <i>Classic Country</i> [Dial Global - Classic Country]
TX Lufkin	88.9	KLDN	> News/Talk
TX Ozona	105.5	KCMZ	Signs on with Spanish Religious: <i>Radio Vida</i> [Radio Vida]
TX Ranger	98.5	KWBY-FM	Returns to the air with Country: <i>Cowboy Radio</i>
TX Scotland	95.5	KXPN-FM	Returns to the air with Sports: <i>95.5, ESPN Radio</i> [ESPN Radio Network]
TX Smiley	90.3	KSXT	Signs on with Spanish Religious [Hispanic Christian Community Network]
TX Stephenville	100.7	KXTR-LP	Adds slogan <i>The Planet</i>
TX Temple	101.7	KLTD	> Classic Hits: <i>Central Texas' Greatest Hits</i>
TX Wichita Falls	107.9	KXWF-LP	> Spanish Religious
UT Salina	94.5	KLGL	Signs on with Classic Hits: <i>94.5, The Eagle</i>
VI Cruz Bay	101.3	WWKS	Returns to the air with News/Talk: <i>Radio One</i> [ESPN Radio Network]
WA Darrington	91.5	KEJI	Returns to the air with <i>Spanish Religious</i>
WA Granite Falls	91.5	KQXI	Signs on with Christian CHR/Rock: <i>Radio U</i> [Radio U]
WA Tacoma	91.7	KXOT	Returns to the air with News/Talk
WA Yakima	88.5	KYVT	> News/Talk: <i>Northwest Public Radio</i> [National Public Radio]
WV Summersville	92.9	WCWV	> Soft AC: <i>92.9 Breeze FM</i>
WI Forestville	102.1	WRKU	Changes slogan to <i>Classic Hits 102.1</i>
WI Rhinelander	89.9	WHSF	Signs on with Talk [Wisconsin Public Radio's Ideas Network]
WI Whitewater	104.5	WSLD	Changes slogan to <i>Country 104.5</i>
WY Washakie	90.9	KUWW	Returns to the air with News: <i>Wyoming Public Radio</i> [National Public Radio]

— Translators —

IL Morton	102.7	W274BM	> Oldies: <i>Good Time Oldies 1290 & 102.7 WIRL</i> // WIRL-1290 Peoria
NV Sparks	104.9	K285EQ	> Urban: <i>Swag 104.9</i>
TN Reubensville	95.9	W240CA	> Sports, now // WNSR-560 Brentwood (NSR = <i>Nashville Sports Radio</i>)
WI Marshfield	92.1	W221CN	> Sports on weekends [CBS Sports Network] // WPCN- 1010 Stevens Point



— FM and AM SIMULCASTS —

AL Ozark	104.9	WAOB	Is now // WOAK-900 Ozar
DE Dover	104.1	W280EE	Is now // WYUS-930 Milford
MI Roscommon	101.1	WGRY-FM	Is now // WGRY-1230 Grayling with Sports [CBS Sports]
NV Sparks	104.9	K285EQ	Is now // KSGG-1230 Reno
SD Flandreau	107.9	KELQ	Is now // KELO-1320 Sioux Falls
SD Pierre	107.1	K296FI	Is now // KGFX-1060 Pierre with News, Talk and Country

— OTHERNEWS —

AL Holly Pond	96.9	WRSA-FM	City-of-License change from Decatur
AZ Scottsdale	93.9	KWSS-LP	Frequency change from 106.7
AR Kensett	100.7	KEAZ	City-of-License change from Heber Springs
CA Oak View	106.3	KRRF	City-of-License change from Goleta
CA Palm Desert	95.5	K238AK	Fined \$4000 for failure to properly attenuate their emissions in the VHF aviation band at 109.5 MHz
CA Windsor	107.9	K300AO	City-of-License change from Santa Rosa
CO Genoa	106.1	KONK	Is silent
FL Key West	105.5	W288BV	License cancelled; call deleted per licensee's request
FL Islamadora	107.3	W297AS	License cancelled; call deleted per licensee's request
FL Melbourne	93.1	WGRV-LP	Is silent
FL Miami	93.5	W228BY	City-of-License change from Allapattah
GA Lincolnton	98.7	WLCZ	Is silent
GA Pelham	90.9	WABW-FM	License cancelled; call letters deleted (new station never signed on)
ID Boise	105.1	KJOT	Fined \$4000 for violating FCC's rules by broadcasting information about a contest without fully and accurately disclosing all of its material terms
IN Salem	97.9	WSLM-FM	Is no longer // WSLM-1220 Salem
IA Britt	103.1	KHAM	Frequency change from 99.5
KS Colby	88.9	K205BR	License cancelled; call deleted per licensee's request (new station never signed on)
KS Goodland	89.1	KXCT	Frequency change from 88.9
KY Mt. Sterling	107.7	WKYN	City-of-License change from Owingsville
MA North Adams	104.3	WKGT-LP	Frequency change from 107.1
MI Cass City	92.1	WIDL	City-of-License change from Caro
MS Washington	101.1	WWUU	Frequency change from 103.9
MO Concordia	88.1	KYRV	Is silent
NE Blair	91.1	KDCV-FM	License cancelled; call deleted per licensee's request
NE Columbus	91.3	KTLX	Frequency change from 91.9
NE Omaha	107.7	K299AK	License cancelled; call deleted per licensee's request
NV Elko	88.1	KTQQ	Is silent
NM Milan	101.9	KZNM	Is silent
NC Aurora	104.5	WSTK	Is silent
OK Beaver	91.9	KLXO	Is silent
OK Enid	104.7	KEIF-LP	License renewal denied for advertising violations and having an antenna height higher than stated on license
OK Guymon	88.1	K201EV	License cancelled; call deleted
PA Bloomsburg	91.1	WBUQ	Is silent
SC Anderson	107.7	W299BK	City-of-License change from Royston, Georgia
SD Aberdeen	95.7	K239BD	License cancelled; call deleted
SD Perry	105.5	KDLS-FM	Fined \$14,000 for tower lighting violations
UT Parowan	93.9	KYLZ	Is silent
WV St. Albans	105.1	WKLC-FM	FCC has cancelled a \$7000 fine, renewed their license and approved a pending CP

WY Casper	94.5	KMLD	Fined \$15,000 for Public Inspection File violations
WY Casper	102.5	KHOC	Fined \$15,000 for Public Inspection File violations
WY Casper	103.7	KQLT	Fined \$15,000 for Public Inspection File violations
WY Casper	106.9	KASS	Fined \$15,000 for Public Inspection File violations

[All four Casper stations are owned by the same individual]

+++++

NEWS ITEM: Don't Touch That Dial! Low-Power Radio Is About to Make FM Hot Again

Jabari Moketsi was a radio talk show host at WVGB until the struggling station was sold to a company that broadcasts classic rock. He had no interest in spinning songs by Boston and Bad Company, so he launched his own station, streaming online, to continue serving the African-American community.

He's built up a national following in the four years since, with far more listeners in places like Houston and Seattle than the community he hoped to serve in Beaufort, South Carolina. That is why he, and thousands like him who broadcast online, are so excited by the opportunity to do something far more low-tech: broadcast over the air.

"I want to be on the dial because radio is free," Moketsi said. "Having listeners in Houston or Seattle or New York, that's good, but does that influence your community where you live? That's what I'm about."

Now he'll have his chance. Later this year, the Federal Communications Commission will begin distributing licenses to registered nonprofit organizations that want to start low-power FM radio stations. The goal is to dot the country with 100-watt transmitters, primarily in urban areas, and restore some of the diversity lost to corporate consolidation of radio.

"It's the largest expansion of community radio in this country's history," said Ian Smith, program director of Prometheus Radio, which has been lobbying the government for more than a decade to permit such stations. Broadcasting would, ideally, be done in addition to streaming, extending the reach – and effectiveness – of community organizations and activists, some of which also publish newspapers.

"Our vision is a nationwide network of multimedia centers that incorporate local radio," he said. "For radio to maintain its relevancy, it has to be incorporated into a larger toolkit."

+++++

+
 Thanks to Shawn Axelrod, Tim Noonan, Dan Sys, Radio Insight, Radio World Online and Upper Midwest Broadcasting for news.
 If you hear any changes occur on your FM dial, share the news! 73

+++++

+



Zinwell ZAT-970A CONVERTER BOX

Here's another converter box with manual tuning. This box can be found new and used online. Currently we find it selling at Solid Signal for about \$60, but Amazon has it new for about \$45 and you can find them new and used on eBay for as little as \$30.



FM FACILITIES

APRIL 2013

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:

State/City	Freq.	Calls	Change
AK Glennallen	88.7	KCAM-FM	PC>1.7kw/73m
AL Fruithurst	102.7	WCKS	PR 1.5kw/200m, 33-39-03/85-17-41
AL Opp	102.3	WAMI-FM	PC>89m, 31-18-30/86-15-25
AL Selma	100.1	WDXX	PC>50kw/150m
AR Caddo Valley	99.7	KHCV	CC for NS
AR Caddo Valley	99.7	KHCV	NW 3kw/53m, 34-14-20/93-00-19 (Azalea Radio Corp.)
AR Kensett	100.7	KFAZ	PC>129m, 35-17-20/91-46-17
AR Magness	105.7	KBGB	CC from KHAN
AR Magness	105.7	KBGB	PC 20kw/111m, 35-42-41/91-35-21
AR Siloam Springs	101.1	KLAB	CC from KLRC
AR Wynne	92.5	KWYN-FM	PC>50kw/148m, 35-01-43/90-32-31
AR Yorktown	88.5	KOYR	NW 4.5kw/190m, 33-43-49/91-48-56 (Smile FM)
AZ Apache Junction	107.1	KVVA-FM	PR 17kw/124m, 33-26-44/111-37-19
AZ Ash Fork	99.7	KAFZ	CC for NS
AZ Chuichu	91.1	KVNG	PR>740w/827m, 32-43-07/111-24-00
AZ Green Valley	97.1	KYWD	CC from KNST-FM
AZ Mohave Valley	93.7	KVYL	PR>1kw/465m, 35-02-06/114-22-09
AZ Peach Springs	100.9	NEW	GA, class A; Tribal Allotment (channel reserved for the Hualapai Tribe of Native Americans)
AZ Rio Rico	107.9	KCKO	PR 2.75kw/150m, 31-23-42/110-55-25
AZ Salome	90.1	KNGQ	CC for NS
AZ San Lucy	90.7	KOHH	CC for NS
AZ Tanque Verde	101.1	KKYZ	QR from 101.7, 24kw/49m, 32-12-01/111-01-03; CL from Sierra Vista
AZ Thatcher	99.1	KFMM	PC<6.4kw/701m
CA Bodega Bay	88.1	KWTF	PG<100w/14m, 38-21-43/122-58-43
CA Bodega Bay	88.1	KWTF	PR<100w/14m, 38-21-43/122-58-43; PG
CA Carlsbad	95.7	KSSX	CC from KOGO-FM
CA Carmel Valley	91.3	KZBV	PG>-83m, 36-26-38/121-41-43
CA Desert Center	101.1	NEW	NS 1kw/100m, 33-43-10/115-23-42 (Sunnylands Broadcasting)
CA Dinuba	98.9	KSOF	XR 36-38-12/118-56-34
CA Huron	89.1	KHRN	CC for NS
CA Menifee	92.9	KXFG	CL granted from Sun City -- Sun City no longer exists, it was absorbed into Menifee
CA Oak View	106.3	KRRF	PC>960w, 34-17-47/119-16-21
CA San Diego	89.5	KPBS-FM	AF 2.8kw/549m, 32-41-53/116-56-03 (aux)
CA San Simeon	90.9	NEW	PG 500w/150m
CA Santa Maria	89.7	KHFR	PG 2.45kw-H (was V-only)
CA Tulare	106.7	KJUG-FM	PC 27.1kw/147m, 36-14-32/118-52-23
CA Tulare	94.9	KBOS-FM	PG>263m, 36-38-11/118-56-33
CO Dove Creek	229	NEW	GA, Class C3
CO Durango	105.3	KXRC	PG 16.5kw/123m, 37-15-46/107-53-58
CO Grand Junction	91.3	KMSA	PC>3.1kw/407m
CO Ouray	90.3	KTOW	CC for NS
CO Winter Park	88.3	KFFR	CC for NS
CT New Haven	99.1	WPLR	NS 17.3kw/236m (aux)
CT Norwalk	95.9	WFOX	NS 3kw/67m (aux)
CT Norwalk	95.9	WFOX	NW 3kw/67m (aux)
FL Cocoa Beach	101.1	WJRR	AF 20kw/118m, 28-32-22/81-26-46 (aux)
FL Cocoa Beach	101.1	WJRR	NS 20kw/118m, 28-32-22/81-26-46 (aux)
FL Cocoa Beach	104.1	WTKS-FM	AF 20kw/118m, 28-32-22/81-26-46 (aux)
FL Cocoa Beach	104.1	WTKS-FM	NS 20kw/118m, 28-32-22/81-26-46 (aux)
FL Eastpoint	91.9	WMVY	CC for NS
FL Fruit Cove	94.1	WSOS-FM	PR>38kw/147m
FL Key West	107.9	WMFM	PG>100kw/167m, 24-40-36/81-30-39
FL Key West	91.9	WKWJ	CC for NS
FL Mount Dora	107.7	WMGF	AF 20kw/118m, 28-32-22/81-26-46 (aux)
FL Mount Dora	107.7	WMGF	NS 20kw/118m, 28-32-22/81-26-46 (aux)
FL Orlando	100.3	WRUM	AF 20kw/118m, 28-32-22/81-26-46 (aux)
FL Orlando	100.3	WRUM	NS 20kw/118m, 28-32-22/81-26-46 (aux)
FL Panama City	92.5	WPAP-FM	AF 1.4kw/92m, 30-10-24/85-36-50 (aux)
FL Panama City	92.5	WPAP-FM	NS 1.4kw/92m, 30-10-24/85-36-50 (aux)

FL Panama City	98.5	WFSY	AF 1.4kw/92m, 30-10-24/85-36-50 (aux)
FL Panama City	98.5	WFSY	NS 1.4kw/92m, 30-10-24/85-36-50 (aux)
FL Pierson	91.7	WDOZ	PG 5kw/114m
FL Pierson	91.7	WDOZ	PR 5kw/114m
FL Santa Rosa Beach	102.1	WWAV	PC>146m, 30-24-38/86-37-22
FL Santa Rosa Beach	102.1	WWAV	PR>117m
FL Tavares	106.7	WXXL	AF 20kw/118m, 28-32-22/81-26-46 (aux)
FL Tavares	106.7	WXXL	NS 20kw/118m, 28-32-22/81-26-46 (aux)
FL Valparaiso	103.1	WZLB	PC<114m, 30-23-10/86-17-48
GA Pelham	90.9	WABW-FM	CX ROA
GA Valdosta	90.9	WVVS-FM	PR 3.2kw/60m, 30-50-49/83-14-13 dismissed ROA
GA Valdosta	90.9	WVVS-FM	PR>3.2kw/60m, 30-50-49/83-14-13
HI Honolulu	90.1	KTUH	PG>7.5kw/501m, 21-20-12/157-49-03
HI Kailua	88.7	KHPH	NW 6.5kw/932m, 19-43-15/155-55-16 (KHPR)
HI Kailua	96.3	KRTR-FM	PC>75kw
HI Kaneohe	104.3	KPHW	PC>75kw
HI Paauilo	103.9	KNUQ	QC from 103.7
HI Paia	102.9	KMKV	FC; sold to Educational Media Foundation
HI Wahiawa	103.5	KHAI	NW 2.2kw/566m (aux)
IA Anamosa	95.7	KOSY-FM	CC from KWMG
IA Creston	90.9	KLOX	PG>45kw/155m, 41-04-38/94-19-09
IA Hiawatha	89.1	KXGM-FM	PG<3.6kw/94m, 42-01-57/91-40-24
ID Iona	93.1	KEZQ	QR from 92.9, 37kw/440m, 43-30-03/112-39-43; CL from West Yellowstone, Mont.
ID Kamiah	88.7	KIYE	NS 950w/-383m, 46-13-40/116-01-30 (aux)
ID Twin Falls	90.7	KCIR	PC<762m, 42-20-10/113-36-18
IL Gilman	103.7	WYUR	CC from WFAV
IL Harrisburg	88.1	NEW	PR 4.8kw/97m, 37-43-03/88-32-37
IL Harvard	88.9	WCNM	PG>8.7kw/45m, 42-24-30/88-36-32
IL Kankakee	95.1	WFAV	CC from WKIF
IL Monee	88.9	WGEN-FM	CC from WOTW
IN Warsaw	88.7	WQKV	PR>13.9kw/86m, 41-08-20/85-53-31; CL from Rochester
KS Baxter Springs	104.3	KCAR-FM	PG 3.5kw/127m, 37-04-10/94-32-49
KS Effingham	96.9	KDVB	PG>8.1kw/187m, 39-24-12/95-26-18
KS Goodland	89.1	KLXG	QG from 88.9, 750w/66m, 39-20-24/101-44-05
KS Goodland	89.1	KXCT	QC from 88.9, 750w/66m, 39-20-24/101-44-05
KS McPherson	96.7	KBBE	XR 38-20-19/97-40-05
KY Lyndon	103.1	WQNU	NS 16kw/152m (aux)
LA Baton Rouge	91.1	KLSU	PR>24kw
LA Colfax	101.3	NEW	PG>100m, 31-19-51/92-42-57
LA Colfax	101.3	NEW	PR>6kw/100m, 31-19-05/92-42-57; amendment to change site
LA Homer	102.3	KWXM	CC from KQXM
LA Minden	90.9	KKML	NW 280w/88m, 32-31-55/93-16-12 (Family Life Educational Foundation)
LA New Roads	88.3	KPCP	PG>10.5kw
LA Plaquemine	88.1	KPAQ	PG>90kw/91m
MA Great Barrington	89.5	WNNU	CC for NS
MA Great Barrington	89.5	WNNU	PR<270w/196m; amendment from 180w
MA Tisbury	92.7	WBUA	CC from WMVY
MB Flin Flon	102.9	CFAR-1-FM	NS 191w/55m, to relay AM 590
MB The Pas	102.9	CJAR-1-FM	NS 250w/38m, to relay AM 1240
MB Thompson	102.9	CHTM-1-FM	NS 190w/96m, to relay AM 610
MB Winnipeg	93.7	NEW	NS 460w/112m, nostalgia
MD Annapolis	107.9	WLZL	PG 49kw/151m
MD Rising Sun	89.1	NEW	granted 1w-H; already was, and will remain, 1kw-V
MD Rising Sun	89.1	NEW	PR 1w-H; was V-only & will keep 1kw-V
ME Dexter	102.1	WKVZ	PC>27kw
MI Goodland Twp.	88.1	WHYT	PG>12.5kw
MI Pentwater	96.3	WMOM	QG from 102.7
MN Bagley	96.7	KKCO-FM	PR>176m, 47-36-21/95-25-30
MN Fosston	107.1	KKEQ	PR>64kw/194m, 47-36-21/95-25-30
MN Newport	88.1	WAJC	NW 5.52kw/22m, 44-43-15/93-01-55 (Religious Information Network)
MN North Branch	90.3	KMKL	PC>123m, 45-32-41/92-58-20
MN North Branch	90.3	KMKL	PR>123m, 45-32-41/92-58-20
MO Marshfield	91.9	KQOH	CC from KNLM
MO Warrensburg	90.9	KTBG	PG>100kw/167m, 38-57-30/94-06-43
MS DeKalb	90.3	NEW	PR>4kw/81m
MT Glasgow	93.5	KLAN	PR>6kw
MT Roundup	100.1	KTRO	PR<100w/17m, 46-27-58/108-33-20; CL from Lewistown Heights; amendment to remove frequency change to 99.9 & reduce power & change site
NB Fredericton	96.5	CIXN-FM	PR>250w
NC Calypso	91.1	WGXM	NW 2.2kw/50m, 35-12-26/78-03-20 (Pathway Christian Academy)
NC Chadbourn	89.9	WZCO	PG 4.5kw-H (was, and remains, 25kw-V)
NC Holly Springs	99.9	WCMC-FM	NW 4kw/476m (aux)
NC Robbins	88.1	WYTR	CC for NS
NC Waxhaw	106.1	WOLS	NW 20.9kw/150m (aux)
NE Blair	91.1	KDCV-FM	CX ROA
NE Emerson	104.9	KCTY	PC<87m; CL from Wayne
NE Nebraska City	97.7	KBBX-FM	PC>100kw
NE West Point	107.9	KTIC-FM	AF 2.1kw/97m, 41-47-06/96-40-39 (aux)
NM Alamogordo	91.7	KLGA	CC from KUPR
NM Clovis	88.1	KCOI	CX ROA
NM Crownpoint	107.3	NEW	GA, class A; Tribal Allotment (channel reserved for the Navajo Tribe of Native Americans)
NY Greene	88.1	WSON	PG 850w/182m
NY Richfield Springs	88.7	WMHY	NW 614w/116m, 42-55-11/74-57-02 (Mars Hill)
NY Syracuse	94.5	WYYY	AF 25kw/180m (aux)
NY Syracuse	94.5	WYYY	NS 25kw/180m (aux)
NY Syracuse	94.5	WYYY	NW 25kw/180m (aux)
NY Watertown	88.9	WSLJ	PG 280w/130m
OH Mansfield	90.7	WVMC-FM	PC>500w
OH Marietta	90.9	WTYC	CX ROA
OH Portsmouth	88.3	WUKV	PR 1.65kw/154m
OH Upper Arlington	98.9	WTOH	CC from WJKR

OK Antlers	102.3	KDOE	PR>85m, 34-13-28/95-37-30
OK Coweta	88.1	KDIM	PR>100kw-H (was already 100kw-V)
OK Coweta	88.1	KDIM	PR>100kw-H dismissed (was already 100kw-V) (73.509, prohibited overlap)
OK Kiowa	98.7	NEW	PR<900w/64m, 34-43-28/95-54-56; PG
OK Lawton	89.3	KCCU	PC>5kw
OK Ponca City	104.7	KQSN	CC from KIXR
OK Stuart	93.5	NEW	PR<900w/84m, 34-54-57/96-08-10; PG
OK Tahlequah	90.9	KLRC	CC from KLAB
OK Wapanucka	107.5	KZIG	CC for NS
OK Wapanucka	107.5	KZIG	PR 2.3kw/118m
ON Brockville	102.1	CBOF-FM-7	PG 1.495kw/152m
ON Collingwood	102.9	CFMO-FM	NS 23kw/255m, 44-28-41/80-19-40
ON Dryden	97.3	CJIV-FM	CX ROA
ON Georgina Island	92.3	CFGI-FM	QG from 102.7, 24m
OR Aloha	97.9	KNRQ-FM	PG 52kw/387m, 45-29-20/122-41-40
OR Bandon	96.5	KBDN	PR 1.05kw/469m, 42-57-32/124-16-23
OR Harrisburg	103.7	KXPC-FM	PG<100kw/310m, 44-00-08/123-06-50
OR Lakeview	95.3	KLCR	PR<306m, 42-12-18/120-19-38
PA Allport	90.5	WRPV	PG>1.6kw/270m, 41-04-34/78-33-06
PA Dushore	103.9	WNKZ	PC 2.8kw/111m, 41-30-07/76-23-34
PA Mahaffey	88.5	WRQV	QR from 88.1, 8.4kw/204m, 40-47-50/78-58-25; CL from Ridgway
PA New Albany	91.7	WPAL	PR>1.8kw/124m, 41-30-07/76-23-34; CL from Laporte
PA Saint Marys	91.1	WRVI	PG 240w/92m, 41-24-16/78-42-01
PA Saint Marys	91.1	WRVI	PR 240w/92m, 41-24-16/78-42-01
PR Guayanilla	89.9	WDPP	PR<41m, 17-58-53/66-42-00
RI Block Island	99.3	WMNP	CC from WJZS
SC Greenville	94.5	WGTK-FM	CC from WMUU-FM
SC St. George	91.9	WWOS	PG>15kw/129m, 33-21-12/80-35-18
SD Dell Rapids	95.7	KQSF	CC from KSQB-FM
SD Flandreau	107.9	KELQ	CC from KXQL
SD Hartford	91.3	KSTJ	PG>41kw/221m
SD Newell	107.9	KXZT	PG>90kw/449m
SD Reliance	94.5	KPLO-FM	PR 100kw/283m, 43-54-27/99-41-46
TN Cookeville	98.5	WKSW	CC from WGIC
TN Elizabethton	99.3	WTZR	PR>4.4kw/244m
TN Memphis	105.9	WGKX	PR>451m
TN Monterey	106.9	WKXD-FM	PR<220m, 36-07-21/85-14-49
TN Morriston	105.3	WOWC	PR>100m, 35-33-10/85-58-47
TX Azle	101.7	KYDA	CC from KTCY
TX Burnet	103.9	KBey	PG 2.4kw/155m, 30-42-42/98-18-09
TX Carrizo Springs	93.5	KAJP	PG<100w/34m
TX Corpus Christi	91.7	KBNJ	PG>4.3kw/265m, 27-39-20/97-33-55
TX Crockett	93.5	KBPC	CC from KBHT
TX Dalhart	96.1	KBEX	CC from KXIT-FM
TX Dallas	90.9	KCBI	PG 82kw/508m, 32-35-20/96-58-05
TX Del Rio	96.3	KTDR	NS 5kw/19m, 29-22-21/100-54-07 (aux)
TX Eldorado	99.5	NEW	NS 50kw/116m, 31-01-05/100-35-43 (Tony E. Cuellar)
TX Holiday Beach	89.9	NEW	PR<9kw/44m, 28-06-29/97-01-48
TX Kempner	106.9	KOOV	CC from KHLE
TX Leakey	93.1	KBLT	QR from 104.3
TX Matagorda	291	NEW	PA from 252, Class A
TX McCoy	89.9	NEW	PR<10kw/38m, 28-44-36/96-17-49
TX Menard	106.3	KFON	CX ROA
TX Moran	104.1	NEW	AF 6kw/100m, 32-25-00/99-08-00 (Katherine Pyeatt)
TX Ozona	105.5	KCMZ	NW 100w/-21m, 30-42-00/101-12-21
TX Plains	90.3	KPHS	PR 430w/24m, 33-11-21/102-49-28
TX San Diego	102.5	KXAM	CC for NS
TX San Diego	102.5	NEW	NW 5.4kw/105m, 27-48-15/98-24-29 (Hispanic Target Media)
TX San Diego	102.5	NEW	PG 5.4kw/105m, 27-48-15/98-24-29
TX Valley View	89.1	KQFZ-FM	PR>40kw
TX Wheeler	90.3	KPDR	PR>100kw/140m, 35-28-19/100-30-19
UT Glendale	89.9	KFDJ	QR from 90.5, 40kw/545m, 37-17-45/112-50-34
UT Mona	92.9	KPUT	CC for NS
UT Roy	107.9	KUDD	CX (two aux licenses. Main facility remains valid.)
UT Spanish Fork	106.5	KAZZ-FM	CC from KOSY-FM
VA Charlottesville	91.1	WTJU	PR>6.6kw/283m, 37-59-08/78-28-49
VA Fairview Beach	95.9	WGRO	PC 2.5kw/158m, 38-16-21/77-29-46; CL from Colonial Beach
WA Aberdeen	104.7	KDUX-FM	NW 40w/117m, 46-55-55/123-44-04 (aux)
WA Bellevue	91.3	KBCS	PC 1.8kw/389m, 47-32-39/122-06-29
WA Benton City	90.5	NEW	AF 5.5kw/311m, 46-14-53/119-33-44; amendment from 3kw/410m
WA Chehalis	90.5	KACS	PG 2.1kw/203m, 46-48-43/122-24-17
WA Chinook	94.3	KRKZ-FM	PC<1.5kw/14m, 46-19-05/124-02-40
WA Granite Falls	91.5	KQXI	NW 1.6kw/-92m, 48-05-11/121-57-50
WA Hoquiam	95.3	KXXK	NW 40w/117m (aux)
WA Napavine	92.9	NEW	NS 2.65kw/305m, 46-33-16/123-03-26 (Threshold Communications)
WA Pasco	98.3	KEYW	PC>25kw
WA Pullman	89.9	KMRW	PG 300w/246m, 46-38-03/117-05-22
WA Tacoma	91.7	KXOT	PC 4.3kw/582m, 47-32-53/122-48-22
WA White Salmon	89.3	KLHD	CC from KBNO-FM
WA Yakima	88.5	KYVT	PR 430w/285m, 46-31-42/120-31-16
WI Rhineland	89.9	WHSF	NW 16.5kw/157m, 45-46-30/89-14-55 (Wisconsin Public Radio)
WY Byron	92.1	NEW	NS 100kw/575m, 44-29-52/109-09-12 (HBD Media)
WY Casper	90.3	KCSP-FM	PR<40kw/593m
WY Evanston	88.3	KPMD	QG from 88.1, 285w CX ROA; remains on 88.1/92w
WY Evanston	88.3	KPMD	QG from 88.1, 385w/463m, 41-21-12/110-54-29
WY Evanston	88.3	KPMD	QR from 88.1, 385w/463m, 41-21-12/110-54-29
WY Evanston	98.3	KADQ-FM	PG>98kw/623m, 40-52-16/110-59-43
WY Upton	104.5	KHAD	PC>85kw

PHOTO NEWS



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

April 2013

Pulled fresh from the WTFDA forums (forums.wtfda.org), Mike Perron of Eunice, LA continues to amaze us with his Mexican DX:



XHTVL-9 Villahermosa, TAB
 860 mi Tr seen 3-8-13 @ 2200 CT

This is Mike's furthest tropo to date; congrats, Mike! My furthest from Baton Rouge was 850 mile XHCLV-22 Las Lajas, Veracruz (wish I had a photo!).



XHVIZ-3 Villahermosa, TAB
 860 mi Es seen 1-15-13



YSWR-2 San Salvador, ES
 1173 mi Es seen 12-29-12
 "Christmas bow on logo"



XHCOQ-3 Cozumel, QR
 771 mi Es seen 7/30/12
 @ 1910 CT
 "wrong date in ID"

And here's some more from Chris Dunne, Pembroke Pines, FL:



WSAV-39 Savannah, GA
422 mi Tr seen late 2012



WBCC-30-2 Cocoa, FL
169 mi Tr seen 1-13-13
"local WSCV off"



WFTX-35 Cape Coral, FL
120 mi Tr seen 1-13-13
"local WPXM off"

And one from Ed Phelps of Benton, KY, "in a moment of weakness" (no psip photo, hi!):

WCTV-46 Thomasville, GA
498 mi Tr seen 3-8-13



Thanks, guys. Keep sending in or posting those photos.

73's, JEFF



Coast to Coast TV DX

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

Send reports by the 15th of each month to:

Nick Langan

1040 Riverview Drive

Florence, NJ 08518

E-mail: nickl@wtfda.org

The Editor's Note

The calendar insists spring has begun, but for a majority of the continent the weather feels anything but spring-like, with widespread below normal temperatures and snowfall in many locales. This March figures to go down as the coldest in at least 12 years for the continental U.S., a remarkable contrast with last March's record summer-like warmth. Despite the cold, there actually have been a few spurts of tropo reported. The east coast experienced a solid coastal opening on the 10th and 11 of the month, while the Gulf of Mexico tropo pipeline kicked into action on the 15th and 18th. Long range weather forecasts for April don't look overly toasty at this juncture, so it may take some time for more tropo activity to develop, particularly in the north.

Les Prus was able to work some of the aforementioned east coast tropo in Virginia and submits his findings with pictures below. Dennis Smith also fills us in on SoCal happenings inside this edition of C2CTV DX, and Ryan Grabow checks in with some winter tropo activity in Florida.

Les Prus

8502 Camden St
Alexandria, VA 22308-2101

I woke at 3 AM on Monday, March 11, noticed the MountainLake tropo map with a red blob stretching from ME to SC, and made a cup of hot coffee. It was an unexpectedly strong tropo opening to the New England states for me (many photos, many unIDs). New stations underlined.

0315	<u>WACP - 04</u>	<u>Atlantic City, NJ</u>	138 mi
0320	WPVI - 06	Philadelphia, PA	133 mi
0325	<u>WTNH - 10</u>	<u>New Haven, CT</u>	286 mi
0331	WGBH - 19	Boston, MA	394 mi
0332	KYW - 26	Philadelphia, PA	133 mi
0335	<u>WJAR - 51</u>	<u>Providence, RI</u>	374 mi
0342	<u>WPSG - 32</u>	<u>Philadelphia, PA</u>	134 mi
0348	<u>WNJS - 22</u>	<u>Camden, NJ</u>	138 mi
0357	WMDT - 47	Salisbury, MD	74 mi
0403	WUND - 20	Edenton, NC	199 mi



Dennis Park Smith

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

This report is for February 2013. Tropo was seasonably mediocre. Feb 6+ highs 60°F, lows 45F. Occasional highs to 70+, lows to 50s. Now & then cooler, highs 50s & lows 35. Ocean water temp steady 55F. No rain here except for a sprinkle on Feb 19. So-Calif tropo to San Diego/Tijuana/Tecate up to 220 mi:

Jan30-Feb5	Variably poor	Stable, some warming
Feb 6 - 11	None	Weather fronts, cooler
Feb 12 - 17	Variably poor	Stable, some warming
Feb 18 - 24	None	Unstable, cooling
Feb 25 - 28	Var. poor +	Stable, some warming

Feb 26 Once again, Don Voegele & I drove into local Santa Ynez Mtns over SBarb up to 3,500 ft ASL to look for signals (previous time was Jan 21). These mtns are right over SBarb to the north, and in town are quite a barrier to signals from that direction. Equipment was house-current inverter, LG 20" flat-screen TV, UHF 4-bay conical. Here is what we saw, analog & DTV, new & notable since a month ago. Underlined are new signals not previously seen, either in mtns or in town.

San Diego/Tijuana tropo SE apx 200 mi was mediocre.
Los Angeles area, E, 90 mi, nothing new

Santa Maria, NW, 45 mi
d19 mystery, weak (KCOY-TV?)
d29 KQMM-CD "29" MTV3
30 KDFS-CA Azteca America
35 KTSB-CA UniMás (new name for TeleFutura network)
46 K46GF MundoFox (possibly KWHY Los Angeles translator)

San Luis Obispo, NW, 85 mi
d15 KSBY "6" NBC
d16 mystery, weak (S.L.O.?)
42 Spanish, weak (S.L.O.?)

Other analogs –
22 K22EE Morro Bay TBN, NW 85 mi
23 K23CL Lompoc TBN, W 45 mi

Bakersfield, NE, 100 mi
d25 KGET-TV "17" (data only)

Fresno, N, 160 mi
d40 KVPT "18" PBS

Analog: SBarb in-town partially reconstructed total remains at 90, and with 4 new seen up in local mtns included, the partially reconstructed total is 117.

DTV: SBarb in-town total is still 58, and with 3 new seen up in local mtns included, total is 66.

Best of DX to All

Dennis

Ryan Grabow

Fort Myers, FL
egrabow.com/dx

Equipment: CM 4228HD 8-Bay UHF Antenna,
Insignia NS-DXA1 Converter Box, Philips PT902
Portable DTV, Rabbit Ears.

Only first logging within reporting period shown.
Underlined stations are new. All times Eastern. All distances in miles.

06a, 17a, and 26a refer to analog stations.

11/24 Tr
2220 WFLA-07 Tampa, FL 91
2220 WSVT-CD-18 Tampa, FL 90
2220 WCLF-21 Clearwater, FL 90
2220 WWSB-24 Sarasota, FL 74
2220 WTTA-32 St. Petersburg, FL 91
2220 WUSF-34 Tampa, FL 91
2220 WXPX-42 Bradenton, FL 90
2220 WTOG-44 St. Petersburg, FL 90
2220 WFTT-47 Tampa, FL 91
2230 WPBF-16 Tequesta, FL 99
2230 WLRN-20 Miami, FL 112 (t)
2230 WFOR-22 Miami, FL 111
2230 WTCE-38 Fort Pierce, FL 110
2300 WTVT-12 Tampa, FL 89
2300 WEDU-13 Tampa, FL 91
2300 WSCV-30 Ft. Lauderdale, FL 112
2300 WOPX-48 Melbourne, FL 115

11/25 Tr
2130 WLWN-LD-39 Sarasota, FL 65
2200 WHRT-CA-17a Sebring, FL 70 "AMG TV"

12/18 Tr
2355 WTSP-10 St. Petersburg, FL 90
2355 WPDS-LD-14 Largo, FL 109
2355 WESH-11 Daytona Beach, FL 149
2355 WKCF-17 Clermont, FL 147
2355 WUCF-23 Orlando, FL 148
2355 WKMG-26 Orlando, FL 149
2355 WRDQ-27 Orlando, FL 147
2355 WFTV-39 Orlando, FL 147
2355 WTGL-46 Leesburg, FL 147
2355 WXAX-CA-26a Tampa, FL 91

12/19 Tr
2330 WOFL-22 Orlando, FL 149

12/29 Tr
2210 WACX-40 Leesburg, FL 147

1/31 Tr
0000 WBCC-30 Cocoa, FL 149
0000 WTVX-34 Fort Pierce, FL 100

2/5 Tr
0035 WSPF-CD-38 St. Petersburg, FL 90

2/13 Tr (at Parking Garage)
0000 WEYS-LP-06a Miami, FL 111 (t)

0030 WSVN-07 Miami, FL 111
 0030 WPEC-13 West Palm Beach, FL 103
 0030 WSFL-19 Miami, FL 111
 0030 WLTW-23 Miami, FL 111
 0030 WFLX-28 West Palm Beach, FL 101
 0030 WBEC-40 Boca Raton, FL 112
 0030 WHFT-46 Miami, FL 113
 0030 WFUN-LD-48 Miami, FL 112

2/23 Tr
 2340 WCJB-16 Gainesville, FL 207

2/24 Tr
 0000 WPXP-36 Lake Worth, FL 103
 0000 WPBT-18 Miami, FL 112

2/27 Tr
 0030 WRBW-41 Orlando, FL 149 (t)

0030 WHLV-51 Cocoa, FL 147 (t)
 The wait to log Miami is over. Though I'm certainly at a disadvantage in my apartment, I've decoded three stations so far there, WFOR-22 being the easiest target by far. Six more stations were logged by driving to the roof of a nearby parking garage. The Philips portable isn't as DX-friendly as the Insignia box at home, but it does offer manual tuning and is proving to be a capable receiver.

My DTV count stands at 45, and the analogs at 49 (adding two new ones to my pre-2008 tropo stats). The analog total had taken years to build up, and included three Tampa stations which are now semi-locals. The digital total took only months to catch up, and not even peak months. I look forward to my first good opening across the Gulf, which should be only weeks away. 73s

THE WTFDA IN 2012

Below you will find the 2012 financial summary for the WTFDA as supplied by our treasurer, Keith McGinnis. The top chart is supplied by Keith; the bottom chart is from your editor/publisher and may have one or two expenditures missing (checks written to our web host, for instance). All in all, they give you a good look into the workings of the WTFDA and our financial status.

Club Info for Year End 2012	
Balance as 12/28/11 Statement	\$ 1,439.56
Deposits for 2012	\$ 2,521.63
Checks Written for 2012	\$ (2,243.07)
Debits for 2012	\$ (48.00)
Fees for 2012	\$ (175.91)
ENDING BALANCE DEC 28 2012	\$ 1,494.21

Month	#Printed	Pages	Printing	Postage	Misc.	Item
2012						
January	150	36	\$159.53	\$92.92	\$31.89	Envelopes
					\$54.00	Safe Dep Box
February	125	24	\$79.76	\$80.96		
March	125	32	\$111.64	\$62.63		
April	100	32	\$119.64	\$62.63		
May	100	32	\$85.08	\$57.94		
June	100	28	\$74.45	\$31.89		
July	100	48	\$127.62	\$52.36		
August	100	32	\$85.08	\$53.18		
September	100	52	\$138.26	\$50.43	\$31.69	Envelopes
October	100	52	\$132.94	\$50.43	\$9.49	LGL Paper
November	75	32	\$63.81	\$46.93		
December	75	20	\$39.88	\$42.51	\$31.69	Envelopes
Totals:			\$1,217.69	\$684.81	\$158.76	



Southern FM DX

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099
Southernfmdx@wtfda.org – Deadline: 15th

Fred Nordquist – 147 Travis Hill Rd – Moncks Corner SC 29461- HDT-1X Receiver, APS-13 Antenna - 33.21756N 79.95798W - KJ4BUG Grid FM03AF - Email address: nordquis@homesc.com Personal Statistics web page at <http://www.wtfda.org/kj4bug> - all new loggings

10/18/12 Tr

1513 WPMA 102.7 GA Buckhead, rel, GNN 191

11/28 Tr

0916 WTUG 92.9 AL Northport 439

1737 WSGT 107.1 GA Patterson, "Cool 107.1," classic hits 179

12/4 Es

1430 CHIT 90.5 VC Tampico, RDS PI 'KWI,' PS XHTI 90.5, SS 1325

1613 XHLRS 95.3 TA Ciudad Victoria, RDS PI 'WRDI,' PS CALIENTE, SS, "La Caliente" 1333

1617 XHHP 97.5 TA Ciudad Victoria, RDS PI 'KRDU,' PS LAS MAS PRENDIDA, SS, "Las mas prendida" 1333

1620 XHRPV 104.1 TA Ciudad Victoria, RDS PI 'KRPT,' PS LA V DE VICTORIAD, SS, "La V de Victoria" 1333

1638 XHTAM 96.1 TA Ciudad Victoria, RDS PI 'WPK,' PS KE BUENA, SS 1333

1642 XHGW 99.3 TA Ciudad Victoria, RDS PI 'KRDX,' PS XHGW FM 99-3, SS 1333

1652 XHBJ 107.1 TA Ciudad Victoria, RDS PI 'KRDX,' PS DIHITAL 107.1, SS 1333

1658 XHVIC 107.9 TA Ciudad Victoria, SS, Radio Tamaulipas 1333

1745 XHXO 95.7 TA Ciudad Mante, SS, La Super Buena 1362

1906 XHVA 91.7 TB Villahermosa, SS//AM station, ID 1323

12/11 Gw

2305 W270BZ 101.9 SC Conway, Fox Sports Radio // AM 1050 70

12/14 Gw

1338 W238BBI 95.5 SC Georgetown, rel, HIS Radio 88.3 42

12/20 Gw

1043 W267BK 101.3 SC Mt. Pleasant, rel, WAY FM translating WAYA 100.9 30

1/1/13 Tr

1055 WMXJ 102.7 FL Pompano Beach, Magic 102.7 501

1/23 Gw

2124 W247BN 97.3 FL Santee, RDS PI 8276, PS WRJA – XLTR – WRJA – 88.1, NPR nx 39

1/31 Gw

2339 WWOS 91.9 SC St. George, rel, FBN 43

2/29 Ms

0626 WGHP 92.7 PA Lawrence Park, RDS PI 6545, PTY Top 40 615

Local Notes: WXYL 102.5 IBOC off since last October. WRFQ 104.5 IBOC back on. WSCM-LP 100.1 SC Moncks Corner with open carrier since June 2012, lacks funds to purchase new, expensive EAS/CAP equipment. WTUA 106.1 SC still has not moved to 105.9.

Ms logging via webcam motion sensing setup on HDT-1X display (detects RDS & saves to .wmv file). FM Log totals now at 2397.

Spectrum aggregation spurs TV station sales

Several "spectrum speculators" are readying themselves for a windfall in 2014's FCC auctions.

Broadcast Engineering Mar. 1, 2013 Michael Grotticelli

Clearly positioning themselves for the upcoming FCC spectrum auction next year, non-broadcast entities, or "spectrum aggregators" as they are sometimes called, purchased nearly 40 full-power TV stations in the past two years, according to market research firm SNL Kagan, representing \$345 million in sales.

Kagan said the most prolific buyers include NRJ TV LLC, which spent \$234.2 million on full-power stations, and OTA Broadcasting, a subsidiary of MSD Capital (Michael Dell's company), with deals totaling \$52.8 million. A third company, Locus Point, has acquired seven stations, all at the end of last year (November and December 2012), and all Class A stations.

Station spectrum buyers planning to participate in the auctions are counting on strong demand from wireless buyers and a hefty profit versus what they invested in the stations.

“While averages for wireless spectrum comps are still far above those paid for the TV station spectrum at benchmarks typically north of \$1 per MHz per pop, it is still unclear how much the wireless players will bid at auction and how the mechanics of the auction and distribution of proceeds will work for TV station owners,” Kagan said.

And indeed, they could stand to make some serious cash. In November 2011, for example, NRJ TV LLC purchased Multicultural Television Broadcasting's WSAH New York (Bridgeport, Conn.) for \$22.8 million, and in September of that year, the company purchased WTVE, in Philadelphia for \$30.4 million. Earlier, it purchased two other multicultural stations — KCNS San Francisco, for \$15 million, and WMFP Boston, for \$5 million.

Fairfax, VA.-based OTA Broadcasting acquired WLCW, the CW affiliate in Providence, RI, for \$13.75 million this past January; KTLM, a Spanish-language television station in Rio Grande City, TX, for \$8 million in 2011; and KVOS, the Me-TV affiliate in Bellingham, WA, in December 2011 (financial terms not announced). The Me-TV affiliate was OTA's second station in the Seattle-Tacoma market. Earlier in 2011, it bought KFFV, an independent multicultural station, for \$5 million.

All told, these “speculators” acquired 39 full-power and low-power (Class A) TV stations in 2011 through January 2013, with eight station deals already announced in 2013.

“Value bench-marks in these transactions have risen sharply in 2013, but still have plenty of head room before they hit wireless spectrum deal price points,” Kagan said.

SNL Kagan said it has logged \$344.8 million worth of TV station sales to groups thought to be acquiring the TV stations for purposes of tendering them in the FCC spectrum auction scheduled for 2014. These include 14 full-power stations and 25 Class A station sales. Overall, Kagan said, the average value per TV home paid based on the publicly released deal prices has been \$3.74, and the price paid per MHz/pop has been \$0.25.

OHIO CONGRESSIONAL DELEGATION SEEKS RF CO-ORDINATION ASSURANCES

Broadcasting and Cable, March 7, 2013 by Phil Kurz

Ohio's Congressional Delegation has reminded the FCC that coordination with Canada regarding use of TV spectrum is particularly important to stations and residents in the Cleveland-Akron, Toledo and Youngstown markets.

Repacking TV band raises concerns about interference, says Wharton

The Ohio Congressional Delegation have urged the FCC to lay out more specifics on how it proposes to coordinate with the governments of Canada and Mexico when repacking TV spectrum following the agency's incentive auction.

Signed by 15 members of Congress and the state's two U.S. Senators, the letter, dated Feb. 28, said coordination is particularly important to those living in the Cleveland-Akron, Toledo and Youngstown, Ohio, television markets.

“Today, these media markets must coordinate interference protections with already congested markets such as Detroit, Erie and Buffalo, which leaves very little room for error with the Canadian government,” the letter said.

The lawmakers asked the FCC to “pay close attention to our Ohio constituents” and their ability to receive over-the-air television service. While it is important to put the wireless industry on the right track to meet growing bandwidth demand from smartphones and media tablets, “it is of the utmost importance that the FCC protects the public's ability to receive free television from local stations that remain on the air after the auction.”

According to the letter, Ohio's population relies heavily on OTA television. More than 1 million residents rely exclusively on free local television for news, information and weather, the letter said.

The delegation also expressed concern with the repack and its consequences on both viewers and stations. “As witnessed four short years ago during our nation's transition to digital television, moving televisions [sic] stations has the ability to cause consumer disruptions. Therefore, during the repacking of broadcasters, it will be important to minimize coverage area disruption,” the letter said.

The letter was signed by U.S. Senators Sherrod Brown and Rob Portman as well as U.S. Reps. Robert Latta, Steve Chabot, Brad Wenstrup, Joyce Beatty, Jim Jordan, Bill Johnson, Bob Gibbs, Marcy Kaptur, Michael Turner, Marcia Fudge, Patrick Tiberi, Tim Ryan, David Joyce, Steve Stivers and James Renacci.

Distributed transmission emerging as the future of DTV broadcasting

Many speculate that the next digital broadcast system that gets adopted will be an OFDM- or multicarrier-based system.

[Michael Grotticelli](#)

Fri, 2013-02-22 11:21

As the over the-air-broadcast industry seeks to establish its place in the future of television distribution, it is looking past high-powered, single-stick transmission to a distributed model of multiple lower-power systems that ring a market, thereby ensuring better signal coverage for mobile video and other next-generation viewing applications.

However, such systems, also known as single-frequency networks (SFNs), are most successful when using a modulation scheme ([OFDM](#)) that is only approved by the FCC for specific applications. The mandated U.S. standard is one developed by the Advanced Television Systems Committee (VSB).

There are a few SFNs now deployed around the country in geographically diverse markets, providing extended reach from a single transmit site. Idaho Public Television uses a distributed transmission system or SFN. Basically, a full-power origination site feeds a series of lower-power transmitters throughout the state.

Sinclair Broadcast Group, which has promoted OFDM for the use in the U.S. for at least a decade, was recently granted a six-month, temporary license to broadcast using the DVB-T2 European standard at WNUV-DT, the CW affiliate in Baltimore (where Sinclair is headquartered). Many will be watching the results of this test in comparison to what can be accomplished with the ATSC spec.

“I think it’s fairly obvious that the next digital broadcast system that gets adopted will be an OFDM- or multicarrier-based system,” said [Jay Adrick, a long-time ATSC committee](#) member who recently retired as vice president of Broadcast Technology for Harris and now serves as a technology advisor to the company’s Transmission business unit.

Adrick was a key figure in the development of the current A/153 ATSC Mobile DTV system.

“We need this in order to accommodate mobility and because of the fact that broadcasters have to employ a more cellular approach in the future,” he said.

That cellular approach is part of the work being done within the ATSC on what will eventually be called “[ATSC 3.0](#),” which is expected to be adopted by the U.S. government and the FCC in 2016.

“Through experiments like what Sinclair is doing, we’re going to learn something,” Adrick said. “That’s good for the industry.”

Next-generation television



Indeed, the goals for what the next-generation of broadcasting should look like are now being written — and are nearly finalized within the ATSC’s TG-3 group — for the “physical layer” of transmission. They include OTA Mobile DTV and UltraHD signal distribution. Adrick said the new standards work began with the physical layer. After that, Adrick said, a “management layer” and then an “applications” layer will have to be finalized.

To help forward-looking customers today, Harris has announced (and will show at NAB) a comprehensive solution for accommodating SFNs that is fully compliant with the newly released ATSC standard (ATSC A/110-2011) for transmitter synchronization. The solution includes the Harris Apex M2X exciter and Synchrony MNA single-frequency network adapter. The systems can

be used in any Apex M2X-enabled transmitter, including all Harris Broadcast Maxiva UHF and Platinum VHF models. Existing transmission customers can upgrade in the field via a software download.

Customers of the Harris solution can start with a traditional main channel and a full-power transmitter and then feed a series of lower-power transmitters deployed around a market. Leveraging the ATSC A/110-2011 standard, the equipment ensures that all of the transmitters within an SFN are tightly synchronized. Without this synchronization, a signal cannot be passed from one transmitter to another, which helps consumers maintain a contiguous signal across a market.

Adrick said the ATSC A110-2011 spec, designed for simultaneous fixed and mobile DTV broadcasting, defines the interface between the transmission adapter (used for SFNs, mobile DTV, or both) and the exciter. Harris has implemented the spec in all of its transmission products, from its lowest power (5W) system all the way to the high-end models. It's also implemented in the Harris Synchrony network adapter used to generate the A110-2011 signal for the multiple transmitters.

Several transmission manufacturers have also embraced the new ATSC spec, but they have not implemented it in as a comprehensive a system as Harris has.

"We now offer both ends of the equation for SFNs and mobile DTV broadcasting, in a 1RU package," Adrick said. "There are places in the U.S. where an SFN makes sense, and we're trying to help those in need achieve their goals. We see significant potential for the deployment of SFNs in greater numbers than we see today."

OFDM in the U.S.

The ATSC 3.0 spec is designed to carve out a space for broadcasters after the FCC spectrum auctions, set to take place next year.

Assuming that broadcasters continue to have access to 6MHz of bandwidth after the auctions, some scenarios for freeing up more spectrum include broadcasters on adjacent channels emitting from a single transmitter and then "bonding" their channels together. Adrick said once the repacking process is completed (after the FCC spectrum auctions), it's one scenario being looked at seriously.

"There's no doubt that we have to get past the repacking stage and then look at how to make better use of what's left after the repack," Adrick said. "At the same time that wireless carriers are saying they need more bandwidth, broadcasters also need more bandwidth. I think if you spoke to some of the more progressive broadcasters, they would tell you they are out of bits. They could do more if they had more spectrum available. So, we need to deliver more bits and have perhaps a bit less spectrum to do it in. ATSC 3.0 is focused on establishing a solution."

For the application layer, advancements in compression like High Efficiency Video Coding ([HEVC, H.265](#)), which is supposedly twice as efficient as MPEG-4 (H.264), will free up more bandwidth for broadcasters that choose to broadcast an HD channel, several digital subchannels and a mobile DTV service.

"I believe that anything that comes out of the ATSC will be better than what DVB-T2 [which uses OFDM] can deliver," Adrick said. "It has to be because one of the future requirements is for 4K broadcasting. In order to broadcast UltraHD, we're going to need to make the most efficient use of the available bandwidth. We're not to going to get it using RF spectrum; we're going to have to create it via modulation efficiency."

The new Harris package will not be compatible with ATSC 3.0, but "it gets broadcasters thinking and going in the right direction," Adrick said. "We want to ensure that broadcasters have access to an all-in-one terrestrial and mobile platform that improves over-the-air signal coverage and maximizes viewing audiences."

With new ATSC A110-2011-compliant solutions from manufacturers, broadcasters now have the flexibility to cost-effectively improve operations and extend their reach using lower-cost transmission sites. There was a time when 8-VSB vs. COFDM was hotly debated in the U.S. The FCC chose the ATSC version (VSB) in 1998. Will it consider OFDM in the future?

"One can only hope that the FCC will sit up and pay attention to what's going on, and rather than putting the industry through two transitions — repacking and the eventual move to ATSC 3.0 — maybe we can do all of that in one shot," Adrick said.

Coby DTV-102 CONVERTER BOX

ED PHELPS

Taken from a recent thread on the WTFDA Forums



I've used the Zenith DTT-901 converter box for most of my DTV DXing. I'll be making some comparisons between it and the Coby DTV-102. I bought it, out of an MCM Electronics sale catalog, for \$39.99
<http://www.mcmelectronics.com/product/30-2202>

A couple of VERY important features: The Coby will manually tune by RF channel number. It will load duplicate virtual channel numbers. It seems to be about as sensitive as the Zenith.

It's auto-scan operates a bit faster than the Zenith but, here's where it gets a little weird. If there is a channel loaded into the DTV-102, left over from a previous scan, it will not be deleted by doing a new auto-scan *IF* there's the least little bit of signal on that channel. There must be ZERO signal level, on a previously scanned channel, for it to be deleted during an auto-scan. You can manually delete any channel you want. The Zenith dumps all sub-decode level channels each time a new auto-scan is performed.

You can enter a channel number by using the numbered keypad on the remote. However, If there's a virtual channel, of the same number, already in memory, it will jump to that virtual channel. If the channel number entered is not being used as a virtual channel number it will go to that RF channel.

The remote must be aimed directly at the box and its action can be a little sluggish, at times.

There is no volume control, mute button or provision for the remote to operate any other device. It does cause an old Sanyo (glass picture tube - not my normal monitor) TV to do some strange things. I had to cover the Sanyo's remote sensor to stop this from happening.

The Coby box generates a LOT of RF crud while it's in operation. I discovered this while monitoring the MF / HF bands with a general coverage receiver. This may be due to the Coby's plastic case. I'm not sure if it's enough crud to interfere with itself but it's certainly noticeable. The RF crud ceases as soon as the box is shut off.



DTV-102 menu screen in manual tuning mode. Note the PSIP text in white. It will appear this way after an auto-scan, or by manually selecting the channel and pressing "Enter" on the remote, and indicates the channel has been entered into memory.

Speaking of RF crud... There's a cell phone tower site about a mile down the road. This site generates quite an RF rash. The Coby seems be bothered by this interference when the antennas are aimed in that direction. The Zenith doesn't seem to suffer from this.

The Coby menu screens don't stay up for very long. About 15 seconds is all you'll get before it drops out. The menu screen can be "held up" by the remote if you keep pushing buttons. When in the manual tuning mode I use the ">" button to do this. The Zenith menus stay on screen for around 30 seconds.

You can only scroll through the virtual channel menu one channel at a time. The Zenith has the option of jumping by page as well as by channel.

The DTV-102 plugs directly into a 120 volt outlet... no "wall wart."

I've run the Coby box, side by side, with the Zenith, and they compare well.

I haven't had a chance to DX with it, as propagation is not very good at this time. I'll add more info as I learn more. My initial impression of the Coby DTV-102 is... It's a good alternative to the Zenith DTT-901. How well will it do in the long run? Time will tell.



MINNEAPOLIS DX CONVENTION UPDATE

Response has been terrific for the August Joint dx Convention in Minneapolis. At this point the following folks are signed up or (we're told by their friends) may be attending:

Scott Fybush Bill Dvorak Frank Merrill Rick Lucas Steve Walko Doug Smith Matt Sittel
Nigel Pimblett Mike Bates Todd Skaine Eric Koester George Sherman John Crabtree Scott Blixt
Steve Kremer Mel Larson Mark Pysick Pete Reiter Skip Dabelstein Mark Durenberger
Dean Sorenson Nick Hall-Patch Neil Kazaross Theo Donnelly Andrew Ooms Wayne Heinen
Paul Swearingen John Sampson Ernie Wesolowski Mike Lantz Phil Bytheway Lee Freshwater
Mike Sanburn Bill Dvorak Jim Dale Eric Cooper David Jones. Others are signing up.

We wanted you to know about these folks in case it gave you the idea that you might want to attend, to hook up with them. Many attendees will be presenting technical "papers" and 'show-and-tell.'

The hotel is the [Holiday Inn Bloomington South Airport Mall](#) in Minneapolis. Make your hotel reservations *right now*, to get the special convention rate. Call the Holiday Inn at 952-884-8211. Use the registration code "NRC" to obtain the special convention rate of \$73.00 per night, plus tax.

Cost for convention registration is \$45 for members and for guests. This includes the Saturday night banquet, as well as the [Museum of Broadcasting](#) and the Friday evening "Pizza-fest" at the Museum.

Your check or Money Order for registration should be payable to: "The National Radio Club". Send to [Skip Dabelstein at 8008 North Iron Ridge Drive, Tucson, Arizona 85743](#). You can contact Skip at ckdabel@comcast.net. Once you're registered, we'll send you an information form so we can learn about your special needs and interests. *Register early so we can send you pre-convention information.*

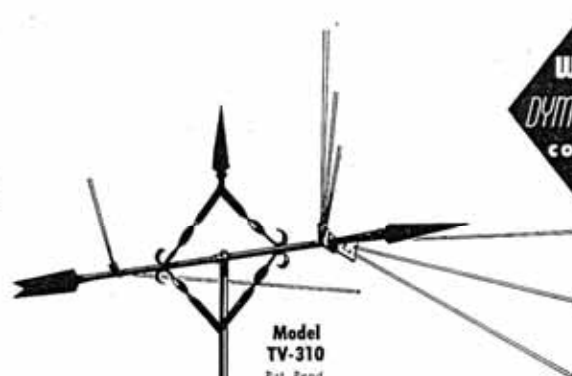
You can also sign up on-line at <http://www.nrcdxas.org/convention/13nrcon/2013Info.htm>
Remember to add a dollar to the on-line cost if you're using PayPal.

If you have questions, please contact Host Mark Durenberger at www.durenberger.com. For further information about the clubs, click on their logos above.


03.05.13

WARD TV Antennas

**WARD'S
DYMON-VANE
CONICAL**



**Model
TV-310**
Pat. Pend.



WARD'S Dymon-vane is one of the new WARD Tele-vane TV Antennas. Tele-vanes, the newest concept in TV antennas, are designed to add beauty to the housetop and to make any owner proud to own one. With its black wrought iron appearance, the Dymon-vane has a weather-vane look that enhances the appearance of any home.

The Dymon-vane is an 8 element conical for VHF channels 2 through 13 in metropolitan areas, cross-

arm 1" O.D. Permatube with flat black finish. Both models are new fold-up design with parabolic principle reflector and preassembled for easier installation.

Model TV-310—Single Bay. Individually packed. Shipping wgt. 15 lbs. ea. 6 units standard quantity.
Model TV-315—Double Bay. Individually packed. Shipping wgt. 28 lbs. ea. 3 units standard quantity.
Model TV-77—Stacking Kit for stacking 2 two-bay units into 4-bay unit.

SIGN UP/Renewal form

YEARLY DUES \$10.00 USD for Monthly VUD eZine

Name _____

Address _____ Apt # _____

City _____ State/Prov _____ Zip _____

Country _____ Interests: TV () FM () 30-50() Weather()

email address _____

Sign me up/renew me for: 1 year () 2 years () More ()

I have no computer or access to one. Please send a paper VUD(\$24) ()
Please, 12 month renewals only for paper VUDs. Thank you.

Yearly dues **Mail your dues to: WTFDA, P.O. Box 501, Somersville, CT USA 06072**

Make your checks/money orders payable to: WTFDA

And *thanks* for your support of the WTFDA!

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

WTFDA BOARD OF DIRECTORS

Mike Bugaj, use the WTFDA Mailing address listed below
Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098
Greg Coniglio, 11825 Genesee St., Alden, NY 14004
Keith McGinnis, 18 Newbridge St., Hingham, MA 02043

mikeb@wtfda.org
dougs@wtfda.org
gregc@wtfda.org
nfmdx@wtfda.org

RENEWALS BY PAYPAL: SEND YOUR DUES FROM THE PAYPAL WEBSITE TO SALES@WTFDA.ORG

Fred Nordquist, 147 Travis Hill Road, Moncks Corner, SC TV and FM STATISTICS stats@wtfda.org

Tim McVey, webmaster WTFDA.ORG WEBSITE webmaster@wtfda.org

Chris Cerventez, webmaster WTFDA.INFO WEBSITE chriscervantez@gmail.com

WTFDA EMAIL REFLECTORS

Enhance your DXing experience! Entertaining and informational.
E-skip alerts! Tropo alerts! DX discussion and more!

For WTFDFA members! Sign Up Today!

The WTFDA list with **200** users...send an email to tvfmdx-subscribe@wtfda.info

And for AM DXers there's the AMDX list. To join, send a blank email to amdx-subscribe@wtfda.info

WTFDA.org Is Back No Password Needed Completely Redesigned

- Lots and Lots of Links
- VUDs from 70s thru 2000
- Memorabilia

<http://www.wtfda.org>



Worldwide TV-FM DX Association
Serving the VHF/UHF DX Enthusiast since 1968

Worldwide TV-FM DX Association
WTFDA FORUMS
<http://www.wtfda.info>

Where DXers Go To Hang Out

FM LIST U.S. FM DATABASE

Call changes, format changes and new stations are updated to FM List as soon as they are received. [HTTP://WWW.FMLIST.ORG](http://www.fmlist.org)

Send updates to fmlist@wtfda.org

**THE WORLDWIDE TV-FM DX ASSOCIATION
THE VHF- UHF DIGEST
P.O. Box 501, SOMERSVILLE, CT 06072**

Opinions expressed in this publication are those of the individual contributor and do not necessarily reflect the views of the publisher or board of directors. We reserve the right to edit material to meet publishing standards. Unless previously agreed upon in writing, all material submitted for publication in the VHF-UHF Digest becomes the property of the WTFDA. Reproduction of material from the VHF-UHF Digest without permission of the WTFDA is prohibited. Individuals and other organizations are granted such permission providing proper credits is given to the source.



Established 1967



FIRST CLASS MAIL