

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

MARCH 2010

The Magazine for TV and FM DXers

Somewhere in a Mobile Home Park  
In Marion County, Florida, sits this  
worn out, battered tower with two  
Parabolics and cables dangling and  
blowing in the wind.



PHOTO BY RON CESAREK

## WINTER E-Skip !

January 31st and February

1,2,3,4 and 10.

Into FM Twice in One Day!

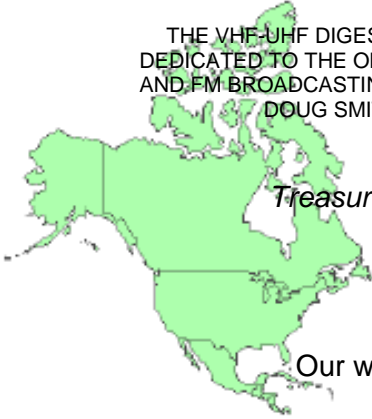


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# THE WORLDWIDE TV-FM DX ASSOCIATION

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.



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,**

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MARCH 2010



Finally! For those of you online with an email address, we now offer a quick, convenient and secure way to join or renew your membership in the WTFDA from our page at:

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

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

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No reports were received for Southern FM Dx this month. Keith is holding his reports for next month. Let's hope we all thaw out soon after a tough winter.

## FIND US FAST! 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  
D.Bruce Hall, 5 Stirton Ave., Brantford, ON N3T1E2 Canada  
Keith McGinnis, 18 Newbridge St., Hingham, MA 02043

mikeb@wtfda.org  
dougs@wtfda.org  
[gregc@wtfda.org](mailto:gregc@wtfda.org)  
dbruce@wtfda.org  
[nfmdx@wtfda.org](mailto:nfmdx@wtfda.org)

\*\*\*\*\*

**THE MAILBOX** and all general club correspondence:

Mike Bugaj at WTFDA, PO Box 501, Somersville, CT 06072

mikeb@wtfda.org

**TV NEWS**

Doug Smith, 1389 Old Clarksville Pike, Pleasant View, TN 37146-8098

dougs@wtfda.org

**FM NEWS**

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

fmnews@wtfda.org

**PHOTO NEWS**

Jeff Kruszka, 1909 Lost Lake Pl., Pearland, TX 77581

jeffk@wtfda.org

**EASTERN AND WESTERN TV DX**

Nick Langan, 1040 Riverview Dr., Florence, NJ 08516

nickl@wtfda.org

**SOUTHERN FM**

John Zondlo, 4009 Driftwood Cir., Yukon, OK 73099

southernfmdx@wtfda.org

**NORTHERN FM**

Keith McGinnis, 18 Newbridge St., Hingham, MA 02043

nfmdx@wtfda.org

**TV and FM STATISTICS**

Fred Nordquist, 147 Travis Hill Road, Moncks Corner, SC

stats@wtfda.org

**6 METER/2 METER**

Peter Baskind, 3225 Forest Hill-Irene Rd, Germantown, TN 38138

ag4ki@yahoo.net

**WEBSITE** Tim McVey Webmaster <http://www.wtfda.org>

webmaster@wtfda.org



# The Mailbox

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

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## ES SEASON!

Every year we look for a minor Es season somewhere around Christmas. This year we found it around the first of February. TV Es were first noted on January 31<sup>st</sup> with XHRIO-2 seen in New England (1800+ miles). Then on February 1st, the eastern states were treated to a double dose of FM Es. A morning opening took place between New England and Florida and then an evening opening occurred between New England and the Midwestern states.

Other openings took place on February 2, 3, 4 and 10. The opening on the tenth tracked from the Midwest to Mexico with MUFs up to ch A5.

## MEMBERS AND MORE

We have no new members on board during the period of 1/16 to 2/12, but we do have a bunch of renewals received from **Steven Wiseblood** (TX), **Paul Mitschler** (NM), **George Rogers** (GA), **Scott Hood** (MA), **John T. Ridge** (NY), **Charly Gauthier** (QC), **Craig Healy** (RI), **Calvin Glover** (NC), **Paul Hansen** (MA), **Jeff Rostron** (MA), **Bill Nollman** (CT), **David Legler** (MN) and **Dan Dankert** (CA).

John Ridge writes "As usual you and the rest of the board members have done an excellent job on the monthly magazine. I can't thank you enough for the good reading and valuable information." And John, don't forget the editors! Without them, there is no VUD! Each editor gets to create his column his own way and I know that each one of them is proud of his work!

## UNABLE TO LOCATE DX CLUB

It's not that often that a DX club like the WTFDA disappears and can't be found, but here's a letter from a guy who had been looking for us since 1998! This is the story, written by himself, of a man from Delaware who only wanted one or two sample bulletins. He never gave up. Read this because you'll be tested on the contents later. He wrote: "I saw your letter while cleaning at my home and though it is dated January 12, 1998, I decided that I would take the chance that your club is still in existence some 12 years and 1 week later by requesting a sample copy of your VUD booklet. Back then you wanted just \$1,00 to cover its

cost plus postage, but I am sending in this letter \$3.00 just to ensure the cost is taken care of nowadays.

The previous letter I sent was mailed without the \$2.00 I said would be enclosed, and remembered as such about 10 seconds after it went into the mail chute at the post office. This letter is sent to rectify that deficiency.

I also sent a similar letter along with \$3.00 to the PO Box 17333 Asheville, North Carolina 28816 address because the form used to select either a sample VUD or membership fees directed one to send it there. And so I did. However, this address of 12284 Nice Road, Akron, NY 14001-9529 also instructs me to send for a sample VUD to this one. And so I did, again, just to make sure a get one. If you want to, you could send my 2 different samples since a total of \$6.00 has been mailed.

Enclosed is a self-return address stamped envelope just in case that by January 19, 2010 there is now perhaps a third address that is used but unknown to myself. You may then in that case transfer the contents of this letter and re-mail it to the proper address. That would be most appreciated.

I am interested in high, high TV antennas and am out to construct my own 8 element UHF bowtie array with a common reflector. Any offerings of books, articles, catalogs, etc. on the subject of high gain VHF and UHF TV antennas is of interest to me.

Thank you for your time and hope to hear from you, Sincerely..."

Wow! Do you believe this? I think that somehow the computer age has just passed by this fellow. Had he just typed WTFDA into any Google search box he would have saved himself years of searching. I sent him two sample VUDs. If he actually receives them, that might be the event of the decade for him.

By the way, of the 273 people I have listed in my database, I have email addresses for 227 (or 83%) of them. Only 46 people haven't given me one. I think it's safe to say that almost every WTFDA member has a computer now.

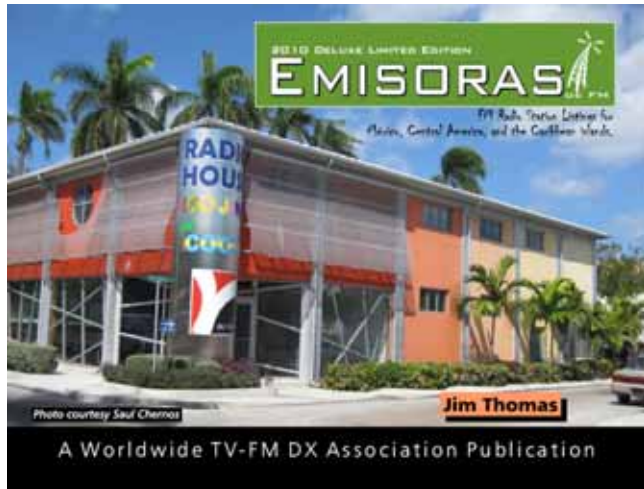
## 2010 EMISORAS DE FM

The 2010 Emisoras de FM is now available. There are over a thousand changes to the 2009 book, which is only available online as an

Adobe pdf file. If you've never ordered the book before, you can order one for just \$10.

The 2010 Emisoras de FM is a password protected file. When we receive your payment we send you the password. You will need to enter the password so the file will open and you can use it.

If you've ordered Emisoras de FM before, the 2010 book is FREE to you. Just email Jim Thomas before you download it. Even though you can download it, you'll still need the password to open and use the book.



This is the first time the club has ever offered a product strictly in electronic form and this may be the form that club publications take in the future. There is no need to send the document out for printing. Editing is quick and easy. Distribution to any place in the world takes seconds. This book can be printed in your home on your own printer, in any size you need or just keep it on your laptop for reference.

### IN CASE YOU WONDERED



## MIGHTY RED!

Steve Solomon

**MIGHTY RED Will Get You Excited About Radio Again**  
 — Eric Rhoads, *RADIO INK*

I've been critical of HD Radio™ technology — for good reason — but I've changed my tune. HD Radio broadcasting is here to stay, and we won't get consumers to adopt it until we in the radio industry fall in love with it. My goal is to have every person working in radio own an HD Radio receiver so they can experience it firsthand. So I came up with this little HD Radio receiver I call **MIGHTY RED, MIGHTY**, because of its booming audio and unbelievable digital HD sound, which got me excited about listening to music on the radio again. **RED**, because red represents high definition. And it won't put you in the red to buy it. And red, so you can easily find it.

Buy yours today and become part of the HD technology revolution.  
 Supplies are limited.

**MIGHTY RED™**  
 BY ERIC RHOADS, RADIO INK  
 The Little Radio with Mighty HD Sound  
[www.MightyRedHD.com](http://www.MightyRedHD.com)

A couple of months ago, I read one of the many daily E-mails I receive as a broadcaster. It was an advertisement for an HD and RDS walkman from the editor of RadioInk Magazine. The unit was only \$35 so I could not resist. Turns out the radio was only available in limited quantities and is no longer available. I have attached an ad that appeared in a Radio Ink issue from December 12, 2009.

The reason why I think it's noteworthy for DXers is that I have been impressed with the sensitivity and selectivity of this walkman. Is super narrow and picks up HD in places I never thought possible from a walkman. In my house 77 miles from Boston, WGBH's HD stations come in well. In a car in Wrentham, MA, I was able to detect all the HD's from Boston and Providence. Plus, it has a very nice RDS readout.

Finally, I took the MIGHTY RED on a flight to Florida earlier this month. Yes I know listening to the radio during flights is a no-no. I've been carefully doing this for years (in the back of the plane far away from the cockpit, and never during takeoff or 1/2 hour from landing). Oh my, first of all DXing on a plane is awesome. You can hear 2 or 3 stations on every frequency 200 plus miles in each direction. But with unit I was able to identify many unIDs with its RDS, and on some powerhouses the HD kicked in.

Although this unit sold out quickly, I think its time to start pressuring them to produce more. I totally recommend the MIGHTY RED FM HD Walkman (no AM, sorry) to all Dxers, especially ones that travel! (Note: This product is in no way related to Mighty Putty.)



# 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>

**March 2010**

**Abbreviations:**

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

**News:**

(full-power 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.



**British Columbia**

Vancouver 20 CHNM-DT PG>8.3kw/  
670m, 49-21-11/  
122-57-23

**Quebec**

Qu<sup>À</sup>bec 17 CFCM-DT NS 21.2kw/  
117.1m



**Puerto Rico**

Quebradillas 48 WQSJ-LP DC 4.8kw, 18-18-46/  
67-11-09



**USA**

**Alabama**

Andalusia 40 WAAO-LP DC 15kw  
Huntsville 17 W17DJ-D DG from W38BQ,  
2.11kw, 34-44-12/  
86-31-59

Mobile 30 W30BX-D DG 10kw  
Troy 48 WIYC NW 50kw/

Tuscaloosa 23 WVUA-CD 345m, 32-03-37/  
85-57-02  
DG from ch. 7, 15kw,  
33-03-15/  
87-32-57 (apparently  
supercedes DCC on  
ch. 14?)

**Alaska**

Anchorage 33 KDMD QR from 32, 1.2kw

**Arizona**

Phoenix 36 KAZT-CA DC from ch. 27, 15kw

**Arkansas**

Harrison 26 K26GS-D DG 11.2kw  
Mountain Home 7 K07XL-D DG 144w

**California**

Big Bear Lake 12 K12QV QG from K20IU, 200w,  
34-11-26/  
117-06-02 (has also  
filed to go digital on ch.  
2)

Calexico 7 K07ZF QG from K36FO, 3kw,  
32-41-06/  
115-24-59

Chalfant Valley 41 K41KZ-D DR from K61EJ, 100w;  
DG

Cherry Valley 24 KILA-LP DR from ch. 51, 900w,  
33-57-42/  
117-16-47 dismissed.  
Going for ch. 8  
instead.

Crowley Lake 5 K05FR DC 60w; CL from Long  
Vly.

Ford City 53 KSSY-LP XR 34-48-48/  
119-08-10; XG

Los Angeles 3 KVTU-LP XR 34-13-57/

117-40-13, 495w  
dismissed

Los Angeles	22	KNET-LD	AF DCC dismissed
Los Angeles	23	KSMV-LD	DG from ch. 33, 15kw
<b>Merced</b>	<b>11</b>	<b>KNSO</b>	<b>QC from ch. 5, 45kw/622m</b>
Monterey	46	KMCE-LP	DR from ch. 43, 15kw
National City	50	K50LL-D	DG from K61GH, 15kw, 32-41-47/116-56-09
Red Bluff	15	KACX-LD	PR>200w, 40-34-18/122-23-41 dismissed
Sacramento	3	KCSO-LD	QG from ch. 11
Sacramento	42	KMSX-LD	PG>15kw, 38-42-28/121-28-33
San Diego	51	KDTF-LP	DC from ch. 36, 12.4kw
<b>San Francisco</b>	<b>33</b>	<b>KMTP-TV</b>	<b>PG&gt;480kw/517m</b>
San Francisco	42	KAXT-CA	DR from ch. 22, 12.5kw (to replace existing DCC on same channel with 12.2kw)
San Luis Obispo	50	K28FK	QR from ch. 28, 15kw
<b>Santa Rosa</b>	<b>32</b>	<b>KFTY</b>	<b>PG&gt;936m</b>
South Yreka	47	K47DV	DC 2.06kw
Twin Peaks	22	KHIR-LP	PR<5kw, 34-11-46/117-02-57 dismissed; DR 500w at same site also dismissed.
Ventura	23	KIMG-LP	DR 1.5kw
<b>Colorado</b>			
Canon City	19	K19DY-D	DG 5kw
<b>Castle Rock</b>	<b>45</b>	<b>KWHD</b>	<b>FC; sold to KRCA-62 (Los Angeles ethnic st.)</b>
Cimarron	6	K06AM	DR 60w, 38-15-43/107-15-01 (same place as Gateview)
Colorado Springs	31	K32EO	DC from ch. 32, 15kw
Crawford	32	K55DR	QR from ch. 34 dismissed
Crested Butte	12	K12AK	DR 130w
Crested Butte	30,4	K30EJ, 1, K41AH, 43, K43AH, 45, K45CY, 47, K47BL, 49 K49BW	DR 238w
Crested Butte	33	K33KJ-D	PR>280w
Denver	52	KSBS-LD	NW 2kw, DCC for analog 47
Doyleville	3	K03EY	DR 20w, 38-30-27/106-40-49
Gateview	2	K02IK	DR 60w, 38-15-43/107-15-01 (same place as Cimarron)
Grand Junction	27	KGJT-CD	PG>1.94kw
Holyoke	17	K17EU-D	DG 660w
Idalia	18	K18FO-D	DG 615w
Jacks Cabin	16	K16DR	DR 120w
Julesburg	49	K49IN-D	DG 530w
Lamar	35, 41	K35JS-D, K41LM-D	QG from K55AK, K59AH, 250w
Paonia	34	K58BV	QR from ch. 32 dismissed
Parlin	36, 39, 41	K36GQ, K39DC, K41DU	DR 90w, 38-30-27/106-40-49
Pitkin	5, 8, 10, 12	K05JT, K08JZ, K10MA,	DR 70w

Pitkin	17, 19, 21, 23, 43	K12AL, K17GC, K19DS, K21EF, K23DX, K43EG	DR 80w, 38-36-21/106-31-31
Powderhorn Valley	9, 12	K09WB, K12LX	DR 50w/ 60w
Sapinero	46, 48	K46DB, K48EF	DR
Snowmass Village	15	K15IF-D	DG from K43JI, 75w, 39-21-10/107-05-33
<b>Sterling</b>	<b>23</b>	<b>KCDO-TV</b>	<b>NW 1000kw/402m, 40-02-01/103-56-17</b>
Thomasville	9	K09YO-D	NW 11w, 39-21-12/106-41-00
Thomasville	12	K12QM-D	DC from K20HR, 11w
Wray	46	K46FF-D	DG 630w
Yuma	28	K28JH-D	PR>575w; PG
Yuma	34	K34AC	DC 575w
<b>Delaware</b>			
<b>Wilmington</b>	<b>12</b>	<b>WHYY-TV</b>	<b>PG&gt;30kw</b>
<b>District of Columbia</b>			
Washington	22	WDDN-LD	QR from ch. 21
<b>Florida</b>			
Inverness	26	W61AK	DC 5.2kw
Miami	50	WSBS-CD	DG 15kw
Miami	51	WLMF-LD	DG from ch. 53, 15kw
Miramar	32	WDES-CA	DR 15kw
<b>St. Petersburg</b>	<b>10</b>	<b>WTSP</b>	<b>PR&gt;78kw; PG</b>
<b>St. Petersburg</b>	<b>32</b>	<b>WTTA</b>	<b>PR&gt;467m</b>
St. Petersburg	40	W40CU-D	DG from W33CC, 2.7kw; DC
<b>Tallahassee</b>	<b>40</b>	<b>WTWC-TV</b>	<b>PR&lt;462kw, non-DA</b>
Zephyrhills	45	WGCT-LD	XC 27-49-10/82-15-39
<b>Georgia</b>			
Atlanta	31	WANN-CD	QR from ch. 29, 15kw dismissed
<i>Atlanta</i>	<i>32</i>	<i>WANN-CA</i>	<i>PG&gt;70kw, 33-48-26/84-20-22</i>
<b>Atlanta</b>	<b>39</b>	<b>WSB-TV</b>	<b>PC&gt;316m</b>
Atlanta	40	WIRE-CD	PG>15kw
Columbus	36	WQMB-LP	DR 350w, 32-28-00/85-03-20
Macon	50	WPGA-LD	PG<200w
Norcross	47	WKTB-CA	QG from ch. 38, 15kw (apparently supercedes DCC on same channel?)
<b>Hawaii</b>			
Honolulu	48	KHHI-LP	DR 15kw
<b>Waimanalo</b>	<b>15</b>	<b>KUPU-DT</b>	<b>NW 12kw/373m</b>
<b>Idaho</b>			
Coeur d'Alene	18	K18DT	DC 2.7kw
Garden Valley	49,5	K49EB, K53EF, 55, K55GZ, 57 K57FO	DR (DG on 55 only, so far)
Ketchum	32	KSVT-LP	DC 200w, 43-39-41/114-24-12
Montpelier	14	K14NT-D	DG from K54DY, 225w
Sandpoint	48	K48DX	DC 63w
Terrace Lakes	3, 5	K03ET,	DR 38w, 44-07-00/

Terrace Lakes	K05EY 10 K10QA	116-00-28 DR, 44-07-00/ 116-00-28; DG
<b>Illinois</b>		
Chicago	30 W57DN	XR 41-53-06/ 87-37-18; CL from Elgin
Chicago	39 WWME-LD	PG>15kw
<b>Indiana</b>		
<b>Elkhart</b>	28 WSJV	PC>311m
Indianapolis	17 WISH - 0128AGA	AF 15kw, DRT for ch. 9 on same tower
<b>Kansas</b>		
<i>Topeka</i>	32 KQKC-LP	PG<1kw, 39-04-06/ 96-10-01; NW
Wichita	21 KAKE - 0208ACH	AF DRT 15kw
<b>Kentucky</b>		
Bowling Green	25 WKUT-LD	NW 15kw, 36-57-37/ 86-32-49 (DCC for analog 64)
<b>Lexington</b>	36 WKYT-TV	QG from 13, 1000kw/299m
<b>Paducah</b>	49 WDKA	PR>327m, DA
Scottsville	46 WPBM-CD	DG from ch. 31, 15kw
<b>Louisiana</b>		
<b>Alexandria</b>	26 KLPA-TV	PG>500kw
<i>Baton Rouge</i>	39 WBXH-CA	QC from ch. 46, 12.2kw, 30-26-36/ 91-10-54
<i>New Orleans</i>	22 WTNO-CA	PC<49.3kw
New Orleans	43 WDSU	AF 780kw/ 252m (aux)
<b>Maine</b>		
<b>Bangor</b>	13 WABI-TV	QR from 19, 12kw/391m
East Eddington	25 WMEB - 1222AOL	NS 15kw, 44-45-45/ 68-33-58 (DRT for ch. 9 Orono)
St. John Plantation	11 W11AY	DR
<b>Maryland</b>		
Crofton	45 W45DN-D	QG from W23DF-D, 38-54-32/ 76-34-28; CL from Salisbury
Frederick	3 W22DA	QR from ch. 22, 300w, 39-29-31/ 77-30-00
<b>Massachusetts</b>		
Boston	25 WFXZ-CD	DG from ch. 24, 5kw
Boston	46 WTMU-LD	QG from ch. 3, 11.2kw, 42-18-37/ 71-14-14
<b>Michigan</b>		
MICH Detroit	18 WDWO-CA	PR>125kw dismissed
<b>Minnesota</b>		
Baudette	53, K53BL-D, 55, K55BH-D, 57 K57AR-D	DG 730w; DC
Big Falls	60, K60BO-D, 62, K62BJ-D, 64 K64GY-D	DG 406w, 48-11-28/ 93-47-24 ; DC

Birchdale	56, K56BO-D, 58, W58AI-D, 60, K60BT-D, 62 K62BJ-D	DG 406w, 48-29-03/ 94-00-27; DC
St. James Williams	30 K30FN-D 59, W59AX- 61, K61AR-D, 63 K63AS-D	PG>12kw DG 730w; DC
Willmar Willmar	14 K14LF 14, K14LF, 17, K17FA, 19, K20GD, 34, K34HO, 39, K39FE, 44, K44AE, 48, K48AH, 50 K50HZ	PR>475w DC 150w/ 500w/ 550w/ 650w/ 650w/ 700w/ 550w/ 540w
<b>Mississippi</b>		
Bruce	7 W07BN	DC
Calhoun City	34 W34BJ	DC 3kw
Jackson	30 WLBT	QC from ch. 9 (via ch. 7), 535kw/624m
Laurel	7 WDAM-TV	QC from 28, 75kw/155m
<b>Missouri</b>		
St. Louis	51 KUMO-LP	DR 15kw (supercedes DCC permit on 10)
<b>Montana</b>		
Arlee	48 K48EG-D	PG<150w
Big Timber	17 K17JP-D	DG from K69CM, 132w
<i>Harlowton</i>	9 K09YR	QG from K10AX, 28w
Kalispell	39 K39KN-D	QG from K22JB-D, 48- 00-48/ 114-21-55
Livingston	17 NEW-LD	AF dismissed (Shields Valley TV Tax District)
<b>Missoula</b>	11 KUFM-TV	PG>12.3kw
Stanford	11 K11WK-D	XR 47-10-10/ 110-16-21
Tampico	30, K57AJ, 32 K69DN	DR from 57/69, 318w, 48-20-29/ 107-08-58
Trout Creek	12 K12QT-D	NS 19w, 47-57-18/ 115-40-11; NW
Troy	8, 9, K08BG, 10, K09KE, 11, K10AF, 12, K11KP, 13 K12AA, K13KV	DR 35w, 48-29-07/ 115-48-16; CL from Bull Lake Valley
Weeksville	29, K29ID-D, 48 K48LG-D	DG
Whitehall	49 K49KA-D	PG>338w, 45-52-34/ 112-05-14
<b>Nebraska</b>		
North Platte	27 KHGI-LD	NW 1.45kw, 41-13-22/ 100-41-17
<b>Nevada</b>		
Hawthorne	50 K50AI	DC 661w
Las Vegas	23 KLVD-LD	DR 15kw; DG
Laughlin	44 K59EX	DC 7kw
Mina	10 K10GT	DC 70w
<b>New Jersey</b>		
Atlantic City	39 WQAV-LD	NW 15kw, 39-44-05/ 74-50-29; DCC for analog 13
Atlantic City	45 W45CP	DR 5kw

<b>New Mexico</b>				47, K47LR-D,	450/
Caballo	18	K18IL-D	NW 1.165kw, 32-58-03/ 107-13-35	49 K49KK-D	450w
Farmington	23	K23KL-D	QG from K27GJ-D, 2.1kw	Erick	21 K21JN-D DG from K68AU, 420w
Hatch	28	K28GJ	DC	Hollis	18, K18HX-D, PG 950/ 34 K34JJ-D 910w
Tierra Amarilla	36	K36KD-D	DG from K60DD, 1kw	Hollis	20 K20JB-D PR<940w; PG
Truth or Consequences	40	K40GH	DC	Hollis	35 K35JC-D DG from K55BQ, 900w
<b>New York</b>				Lawton	47 K47LS-D PG<890w 25 K25IC DR 6kw, 34-34-24/ 98-28-40
Buffalo	34	WBXZ-LD	DG from ch. 56, 15kw, 43-01-32/ 78-55-43	<b>Oklahoma City</b>	<b>39 KWTV-DT PA from ch. 9, 1000kw/478m</b>
Monticello	25	W25DY-D	QG from W27AL, 2.4kw	Sayre	30 K30JP-D PR<410w; PG
New York	25	W26CE	QR from ch. 26, 10kw	Sayre	40 K40JP-D, PG 400/ 42 K42IB-D 390w
New York	26	WRNN-LD	PG>4kw, 40-47-59/ 73-40-06	Strong City	22, K22IC-D, PG 450/ 23, K23IZ-D, 450/ 26,2 K26IR-D, 440/ 7, K27JO-D 440/ 29, K29HY-D, 440/ 39 K39JH-D 430w
New York	35	WNYX-LD	PG>15kw, 40-47-59/ 73-40-06	Strong City	42 K42AG-D DG, 430w
Port Jervis	41	W41DN-D	PR>7.37kw	Tulsa	34 K34KS-D DG from K15DA, 15kw
Port Jervis	45	W45DH-D	PR<1.87kw, 41-00-35/ 74-35-39	Weatherford	14, K14MU, PG 535/ 21, K21IT-D, 530/ 23, K23IY-D, 530/ 36, K36IY-D, 520/ 42 K42IC-D 515w
Port Jervis	49	W49DK	QG from W55DK	<b>Oregon</b>	
Troy	23	WNGN-LD	DG from ch. 38, 5kw	<b>Bend</b>	<b>21 KTVZ PG&gt;131.8kw; PC</b>
<b>North Carolina</b>				Bend	49 K28JE DR from ch. 28, 5kw, 44-11-51/ 120-58-36
Charlotte	25	WDMC-LD	QG from ch. 13, 15kw	Cave	48 K48GO-D DG 662w
Charlotte	28	WGTB-LP	DR 15kw, amendment from 17.6kw	Junction	
Franklin	15	W15CW-D	DG from W64BO, 5kw	Coos Bay	44 K44FH-D DG 277w
<b>High Point</b>	<b>35</b>	<b>WGHP</b>	<b>QR from ch. 8, 1000kw/365m (to return pre-transition DTV facility to operation)</b>	Eugene	16 KMOR-LP DR from ch. 51, 15kw, 44-06-57/ 122-59-57
Marion	20	W20DD-D	DG from W08BJ, 10.5kw, 35-42-33/ 81-31-33; DC	Florence	32, K54DG, 35, K56DL, 40, K58CW, 43, K60DQ, 51 K52DO
Raleigh	21	WACN-LP	QR from ch. 45, 1.42kw, 35-44-08/ 79-09-36	Gold Beach	25 K25EN DC 117w
Raleigh	45	WWIW-LP	QR from ch. 21, 5kw	John Day	2 K02PK-D DG 300w, 44-26-02/ 118-57-27
<b>Raleigh</b>	<b>48</b>	<b>WRAL-TV</b>	<b>NS 1000kw/ 467m (aux)</b>	John Day	8 K08NP-D DG 300w
Shelby	30	WSOC - 0630AES	NW 9kw, 35-13-57/ 81-16-35; DRT for ch. 34 in Charlotte	John Day	15, K02PK, DR from chs. 2/8, 1.32kw, 44-25-02/ 17 K08NP 118-57-27 dismissed
<b>Ohio</b>				<b>La Grande</b>	<b>16 KUNP NW 18.95kw/ 773m</b>
Cincinnati	22	WCPO-TV	QR from 10, 910kw/298m	Lakeview	31 K31KZ-D DG from K05KI, 1.58kw
Columbus	8	WGCT-CD	PG<120w, 40-01-52/ 82-58-30	Maupin	15, K15IE-D, 17, K17JO-D, 19, K19IJ-D, 26, K26JU-D, 28, K28JD-D, 32 K32JH-D K62EI 1.1kw, 45-11- 13/ 121-03-10
Columbus	44	W43BZ	DR from ch. 43, 15kw	Port Orford	8 K08AK DC 74w
<b>Columbus</b>	<b>48</b>	<b>WSYX</b>	<b>QG from 13, 1000kw</b>	Rainier	41 K41IP DR 500w RE; DG
Dayton	42	WWRD-LD	DG from ch. 32, 15kw	Reedsport	4 K04OS DC 300w
Delaware	45	WXCB-CD	QG from ch. 42, 950w	Sutherlin	11 K11BX DC 300w
Loudonville	51	WIVX-LP	DC from ch. 65, 1.1kw	<b>Pennsylvania</b>	
Maplewood	32	W63AH	PR<6.8kw, 40-33-10/ 84-31-02	Beaver	30 WNNB-LP DR from ch. 66, 4.62kw
Shaker Heights	24	WOIO - 0119AED	AF DRT 11kw, 41-03- 53/ 81-34-59	<b>Bethlehem</b>	<b>9 WBPH Airing test pattern/ID</b>
<b>Oklahoma</b>					
Altus	42, 45, 49	K42FL, K45FH, K49FE	PG<580w		
Elk City	43, 45	K43KT-D, K45JZ-D,	PG 460/ 450/		



Philadelphia 30 WELL-LD DC from ch. 45, 10kw  
Philadelphia 48 WWJT-LD DG from ch. 7, 464w, 40-02-19/75-14-14

**Scranton** 50 WNEP **FC to RTV on 16.2.**  
Uniontown 47 WWKH-CA DR from ch. 35, 8.18kw

**South Dakota**  
**Rapid City** 2 KOTA-TV **PG>45kw/205m**  
Rapid City 36 K36JY-D DG from K40IV, 1.51kw, 44-01-19/103-15-35; PR>6kw, 44-06-52/103-14-34

**Sioux Falls** 36 KWSD **PG<36.9kw; QC from 51, 36.9kw/230m**  
*Sioux Falls* 42 KAUN-LP *OFF*  
*Sioux Falls* 44 KCWS-LP *OFF*

**Tennessee**  
Chattanooga 18 W18DS-D DG from W26BE, 10.24kw  
Kingsport 21 WCYB - 0203AAZ AF DRT for Bristol, Va. ch. 5, 15kw, 36-31-32/82-35-17  
Memphis 17, W17DA-, 46 W46EF-D NW 15kw, 35-12-34/89-49-01  
South East Memphis 33 WFBI-LD QR from ch. 14 dismissed but refilled

**Texas**  
Abilene 40 KTES-LP DR 15kw, 32-30-20/99-45-18  
**Austin** 7 KTBC **QC from 56, 98.6kw/383m**  
Beaumont 49 KEHO-LD DG from ch. 13, 15kw, 29-56-08/94-30-39  
Corsicana 25 K25FW-D DG 8kw  
Dallas 20 KSEX-LP QR from ch. 6, 15kw  
Granbury 7 NEW-LPdtv AF dismissed (Granbury Communications)  
Hereford 44 K44GW-D PR<10kw, 35-10-24/101-57-19; DC  
Houston 28 KHMV-CA DR 3kw  
Houston 30 KCVH-LP DR 15kw  
Laredo 29 NEW AF dismissed (Mosed Luna)

**Lufkin** 9 KTRF **PR>25kw**  
Lufkin 29 KFXL-LD DG from ch. 30, 15kw  
Midland 25 NEW AF dismissed (John R. Powley)

Mineral Wells 21, NEW-LPdtv AF RE (Granbury Comms.)  
26  
New Mobeetie 47 K47GM DR 478w  
*San Antonio* 23 KTDF-LP *QR from ch. 18, 12kw*  
Turkey 22, K22JR-D, 24 K24IX-D DG from K54AW, K56DM  
Wichita Falls 40 K40HZ DR 15kw  
Wichita Falls 46 K46IU-D PR<10kw  
Woodville 4 K04QT-D XR 30-03-06/94-31-38; XG; DC from K23HF

**Utah**  
Duchesne 40 K40HS DC 35w  
Heber City 21 K21DY DR 355w  
Laketown 10, K10LM, 12 K12MI DR 14w, 41-52-55/111-16-10  
Laketown 48, K48GV, DR 286w

50 K50GA  
Myton 14 K14LW DC 320w  
Ogden 25 KSVN-LD DC from ch. 49, 14kw, 40-39-35/112-12-05

Park City 19 KPDR-LD DG from ch. 56, 15kw, 40-48-27/111-53-26  
Price 21 K21EZ DR 355w  
Randolph 24, K24EC, 26, K26GH, 34 K34FR DG 284w

**Salt Lake City** 20 KTMW-DT **NS 55.3kw/1171m (aux)**  
Salt Lake City 26 KUCL-LD request to return to analog operation at 6.36kw dismissed  
Salt Lake City 39 K39JS-D DC from K66FN, 15kw  
Santa Clara 49 K49AS DC 150w, 37-09-19/113-52-57  
Scipio 42 K42IV-D NW 50w, 39-12-09/112-08-35  
Scofield 32, K32IZ-D, 43, K43MC-, 45 K45KW-D NW 6w/6w/2w, 39-47-40/111-08-27  
Summit Co. 17, K17DG, 19, 2K19DU, 2, K22DM, 41, K41GS, 43, K43AA, 47, K47HB, 49, K49FY, 51 K51FY DC 78w/78w/78w/224w/268w/222w/222w/221w  
Woodland 32 K32EJ DR 355w, 40-34-00/111-14-32

**Virginia**  
**Front Royal** 21 WVPY **PC>100kw**  
*Weber County* 7 WKIN-LP *PR<260w*

**Washington**  
Kennewick 15 KVVK-CA DC 15kw, 46-05-51/119-11-29  
**Pullman** 24 KQUP **NW 57kw/419m, 47-15-30/117-05-24**  
Richland 31 K31KW-D DG from K54DU, 6.01kw, 46-14-04/119-19-13

**West Virginia**  
Clarksburg 24 W24DN-D DG from W64CZ, 8kw  
**Grandview** 10 WSWP-TV **NW 24kw/318m**  
*Moorefield* 29 W29DH *QG from W54BG*

**Wisconsin**  
**WISC Green Bay** 23 WBAY-TV **Temporarily at 250kw ERP, see text**  
**WISC Green Bay** 42 WPNE **Probably temporarily on reduced power, see text**

**Wyoming**  
Cheyenne 14 K14LV DC 15kw, 41-00-11/104-54-19  
Cora 22 K05DK QC from ch. 5, 270w  
Little America 45 K45GO DR 294w; DG  
Rock Springs 33 K33IX-D NW 500w, 41-29-50/109-20-36 (GCN religious)

Thanks to Bill Draeb, Bob Seaman, and Lewis Kruger for information appearing elsewhere in this month's issue.

Bill reports Green Bay stations WBAY-23 and WPNE-42 had transmission-line problems in late January. WBAY was off the air for about 36 hours, returning at lower power; WPNE on the same tower was also operating on reduced power. Bill says the stations were noticeably, but not drastically, weaker. (signal reading from a normal "low 90's to the low 80's" on his Magnavox converter box)

The FCC website shows WBAY filed for Special Temporary Authority (STA) to operate at 25% power (250kw ERP) on Feb. 3<sup>rd</sup>. They expect to remain on that power for 45-60 days while arranging a "temporary solution" to increase power. It's not entirely clear to me that said increased power will be their full 1000kw.

I don't see any STA for WPNE, but often STAs don't make it to the website. It's possible WPNE's power reductions are brief and temporary to make it safe for personnel to work on the WBAY antenna. But it seems likely both stations are using the same antenna. (and transmission line)

The stations' listed antenna heights differ by only 3 meters. Both stations' license applications specify similar model numbers of antenna from Dielectric Corporation. (neither specified number appears in Dielectric's catalog – I think there are typos in both license applications!) They're using TU-series antennas, which are specifically designed to handle multiple channels from the same antenna.

I note WPNE's licensed power is only 200kw. They may not require as much of a power reduction to keep the damaged line working.

Lewis is a new TV DXer in Sioux Falls, South Dakota. He writes with news of the KWSD move from channel 51 to channel 36. On Jan. 27<sup>th</sup>, they began running a crawl indicating the station would go off the air on ch. 51 at 11am on the 30<sup>th</sup>, returning on ch. 36 at 7pm. This transition is twice-delayed, having been promised first on October 31 and then again on January 1<sup>st</sup>.

It would appear it actually did happen this time, as on Feb. 3<sup>rd</sup> KWSD filed for a license-to-cover for channel 36. The move includes a significant power increase from 4,100 watts to 36,900. (this is however a last-minute reduction from 400,000 watts.)

Lewis also notes local analog LPTVs KAUN-LP 42 and KCWS-LP have been off the air since January 22<sup>nd</sup>. Both stations had been carrying RTV.

Bob has some info from northeastern Pennsylvania.

WNEP-16 (RF50) announced last fall their translators would all be converted to DTV. A check of the FCC CDBS shows five of their eleven translators received licenses-to-cover for digital operation on August 18<sup>th</sup>.

Those would be channel 7 in Allentown; channel 10 in Towanda; channel 14 at Clarks Summit; channel 20 at Williamsport; and channel 26 at Mansfield. Channel 28 at Pottsville and channel 36 at State College received their licenses in mid-October and early November respectively. The other translator at Towanda (channel 15) and channel 26 at Stroudsburg went digital a year earlier, in December 2008. The last two – channel 39 at State College and channel 40 at Renovo – apparently surrendered their permits and went dark; both are marked as "deleted" in the CDBS.

With regard to WNEP 16.2, Bob mentions that both this channel and WFMZ's 69.3 are running RTV, but the

schedule is different on the two stations. My understanding is that RTV has different feeds for their various affiliates. Bob also mentions WNEP 16.2 carries local news 7-9am and 10pm.

The WNEP newscast on 16.2 used to air on WOLF-56 (RF45). WOLF's 10pm newscast is now produced by WBRE-28 (RF11) and is an hour long instead of 30 minutes.

"The translators that have been listed in the last few months in the VUD for the Wilkes-Barre/Scranton TV stations are digital replacements for the analog translators for Waymart, Pa." Bob writes that there are wind generators on the mountain west of Waymart (18mi. northeast of Scranton) which cause multipath problems.

In the analog world, these translators operated under Special Temporary Authority. They seem to have been formalized under the DTV rules, as DTV Replacement Translators. They have the same callsigns as their primary stations. There are six of them, all at 41-37-55N/75-25-33W and all running 300 watts except WVIA's which is 323 watts.

WBRE's, WVIA's, and WNEP's are on their old analog channels 28, 44, and 22. WSWB's is on 36; WYOU's is on 25; and WQPX's on 49.

WVIA-44 (RF41) has lost 17% of their budget to state funding cuts. Bob says the station has reduced power to help offset the shortfall. I can't find any record of that on the FCC website, though sometimes Special Temporary Authorities don't show up. (see WPNE Green Bay, above...)

Finally, and this applies nationwide, the ION (former Pax) stations have dropped a subchannel. These stations had carried ION on x.1, qubo on x.2, ION Life on x.3, and Worship on x.4. The last subchannel has disappeared from all the ION stations, not just Bob's local WQPX.

The FCC closed for a week in February due to the huge snowstorm in Washington.

In Canada, the CRTC issued a few policy notes on DTV:

- They will no longer issue separate interim DTV licences to existing stations. Instead, DTV licences will be issued as modifications to existing analog licences.

(presumably if someone wants a completely new station, they'll still accept an application. IMHO this is very unlikely to happen, given the economic situation for OTA TV in Canada.)

- They have strongly discouraged (though best I can tell, not banned) DTV applications that would not at least attempt to replicate analog coverage.

- They also restated their willingness to consider applications to share a single DTV transmitter among more than one analog station. (through the use of subchannels)



# FM NEWS



BILL HALE

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

FMnews@wtfd.org

## 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

### — CANADA —

#### — CALL LETTER CHANGES —

	<u>Old Call</u>	<u>New Call</u>			
BC Kelowna	103.1 CKOV-FM	CKQQ-FM	QC Camp Sarcelle	98.3 NEW	CJSJ-FM
MB Neepawa	97.1 NEW	CJBP-FM	QC Camp Sarcelle	101.3 NEW	CJSK-FM
NF Norris Point	95.9 NEW	CHBB-FM	QC Coaticook	96.7 CKVC-FM	CIGN-FM
QC Camp Sarcelle	92.1 NEW	CJSC-FM	SK Big River	92.5 NEW	CKBI-FM-1
QC Camp Sarcelle	95.1 NEW	CJSG-FM	SK Big River	97.5 NEW	CHQX-FM-3

#### — FORMAT and SLOGAN CHANGES —

BC Smithers	93.9 CICK-FM	Signs on with Community Programming [Smithers Community Radio]
QC Montreal	97.7 CHOM-FM	> Active Rock: <i>The Evolution of Rock</i>
QC Québec	98.1 CHOI-FM	> Talk

#### — TECHNICAL CHANGES —

		<u>Now on the air:</u>
BC Pemberton	92.7 VF2558	50 w/-127 m, 50-19-17/122-47-23; Mono; Class LP
BC Pemberton	103.7 VF2559	50 w/-127 m, 50-19-17/122-47-23; Mono; Class LP
BC Pemberton	106.7 VF2557	25 w/-127 m, 50-19-17/122-47-23; \$; Class LP
BC Pemberton	107.7 VF2560	50 w/-127 m, 50-19-17/122-47-23; Mono; Class LP

#### — TECHNICAL CHANGES —

		<u>CP granted for:</u>
AB Olds	104.5 CKJX-FM	35 kw/125 m, 51-45-30/114-05-39
ON Brighton	100.9 CIYM-FM	316 w/154 m (drops DA), XL to 44-05-08/77-47-04
ON Sioux Lookout	104.1 CKQV-FM-3	49 w/47 m, 50-06-06/91-55-16; Class LP; previously authorized on 104.5, but had caused interference to co-channel CKQV-1 Dryden
QC Montreal	95.1 CBF-FM	100 kw (adds V)/299 m, 45-30-20/73-35-30

#### — TECHNICAL CHANGES —

##### GRANTS FOR NEW STATIONS

		<u>CP granted for:</u>
AB Westlock	97.9 CFOK-FM	48 kw/94 m, 54-06-21/114-04-34; \$; Class B; will maintain the Classic Hits music format now heard on 1370 AM
MB Neepawa	97.1 CJBP-FM	3.2 kw/58 m, 50-13-28/99-26-01; \$; Class A; 60% Country / 40% Pop & Rock
NB Sackville	105.7 CBAM-FM-1	50 w-V/60 m, 45-53-35/64-19-29; \$; Class LP
NU Iqaluit	103.5 NEW	415 w/-38 m, 63-44-56/68-38-18; \$; Class A; Oldies / Native language

#### — TECHNICAL CHANGES —

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

		<u>Applies for:</u>
NB Moncton	107.3 CKOE-FM	4.5 kw/112 m, XL to 46-12-04/64-50-17; Class LP to A
NS Halifax	88.1 CKDU-FM	2.64 kw/157 m, XL to 44-39-03/63-39-25
NU Iqaluit	99.9 CKIQ-FM	415 w-H/41 m, would drop DA; XL to 63-46-34/68-32-16
ON Brighton	100.9 CIYM-FM	316 w/155 m, XL to 44-05-08/77-47-04
ON Erin	101.5 CHES-FM	250 w/63 m, XL to 43-45-56/80-03-41; FC to 88.1
ON Gananoque	99.9 NEW	4.47 kw/123 m, DA, 44-23-58/75-58-20, \$; Class B1; Country / Oldies / AdCon; assumed to become <i>My FM</i>
ON Innisfil	96.9 NEW	.57 w (570 mw)/4 m; tourist radio
ON M'Chigeeng	88.9 NEW	50 w/15 m; First Nations station in English & Ojibwe
ON Owen Sound	92.3 CJOS-FM	9.4 kw/214 m, XL to 44-30-44/80-57-13 [with CIXK-106.5 & CKYC-93.7]
ON Owen Sound	93.7 CKYC-FM	24 kw/214 m, XL to 44-30-44/80-57-13 [with CIXK-106.5 & CJOS-92.3]
ON Owen Sound	106.5 CIXK-FM	63 kw/189 m, XL to 44-30-44/80-57-13 [with CJOS-92.3 & CKYC-93.7]
QC Alma	97.7 CFGT-FM	50 kw/78 m, 48-31-49/71/38/01; FC to 104.5; constraints related to the use of 97.7 make 104.5 a more suitable frequency
QC Montreal	95.1 CBF-FM	100 kw (would drop V)/243 m, 45-30-20/73-35-30
QC Port Cartier	99.1 CIPC-FM	100 kw-H/233 m, 50-10-29/66-44-34

#### — TECHNICAL CHANGES —

##### PROPOSALS FOR NEW STATIONS

		<u>Applies for:</u>
BC Summerland	98.5 CHOR(FM)	100 w/348 m, 49-39-34/119-34-22; Class A; move from 1450 kHz; Adult

AB Wainwright	101.9	CKKY(FM)	Contemporary; they will be evicted from their present AM transmitter site at the end of this year 100 kw/136 m, DA, 52-59-41/110-31-59; Class C1; their previous application to move to FM was rejected by the CRTC on the basis that their owner (Newcap) would have three FM stations in the same market due to signal overlap with their Lloydminster station CKSA-FM. In this application, there is a deep null towards Lloydminster to circumvent this problem.
MB Arborg	99.5	NEW	119 w/31 m, 50-54-05/97-12-58; Class A1 [would relay the new proposed station at Winnipeg Beach]
MB Winnipeg Beach	(93.7)	NEW	1.64 kw/59 m, 50-30-21/97-00-02; Country, Pop, and Rock with a minimum of 115 hours of local programming and 8 hours and 8 minutes of news each week. The licensee proposed 93.7, but the CRTC agreed with Golden West Broadcasting and Nostalgia Broadcasting Cooperative that 93.7 should be set aside for future use in Winnipeg, where the dial is more crowded, and that the station here should find a new frequency.
ON Port Elgin	90.9	NEW	3.1 kw/47 m, 44-28-08/81-22-09; would relay CIYN-FM Kincardine. Previously authorized but previous owner allowed the permit to expire unbuilt in February 2007.

**DISMISSALS**

ON Cobourg	100.9	CKJJ-FM1	Move to 90.7 and increase power from 42 watts to 250 watts denied because the CRTC wants to reserve 90.7 for a future local broadcaster rather than a simulcast; CKJJ-FM1 must find an alternative frequency due to CIYM 100.9 in nearby Brighton signing on
ON Guelph	(95.7)	CJOY(FM)	Denied the application of CJOY to move from 1480 kHz. The agency cited that if granted, the owner (Corus) would exceed the two-station limit for this small market.

**OTHERNEWS**

AB Lacombe	94.1	CJUV-FM	Granted extension to 17 October 2011 to commence operation
BC Kispiox	92.1	VF2065	License revoked; call deleted [former relay of CFNR-92.1 Terrace
BC Percé	107.3	CHNC-FM-3	Extended to 1 November 2010 the time to be operational
NS Yarmouth	98.5	CBH-FM3	Extended to 12 December 2010 the time limit to begin operation of this new station
ON Ottawa	101.9	CIDG-FM	4.5 kw/98 m, XL to 45-26-48/75-37-27
NC New Carlisle	107.1	CHNC-FM	Extended the time for simulcasting of CHNC-FM and CHNC-610 to 1 November 2010 prior to 610 going silent
QC Gaspé	99.3	CHGM-FM	Extended the time for simulcasting of CHGM-FM and CHGM-1150 to 1 November 2010 prior to 1150 going silent

— UNITED STATES AND TERRITORIES —

FULL POWER and LPFM STATIONS

— CALL LETTER CHANGES —

	Old Call	New Call							
AL	Birmingham	94.5	WJOX	WJOX-FM	NY	Unadilla	88.9	WCIS	WCIJ
AL	Boligee	107.3	WBMP	WXMV	NC	Elizabeth City	88.3	WGPS	WVRL
AZ	Gilbert	103.9	KEDJ	KEXX	NC	Norlina	94.3	WJIJ	WVRH
CA	Garberville	89.9	NEW	KHSG-FM	NC	Roanoke Rapids	91.1	WPGT	WVRP
CA	Redlands	104.7	KDES-FM	KKIE	OK	Zebulon	90.5	WAJC	WVRD
CA	Santa Barbara	107.7	KQIE	KIST-FM	OK	Guymon	88.1	NEW	KJDR
CO	Breckenridge	88.7	KRKM	KMPB	OR	Guymon	91.3	NEW	KGUY
CO	Estes Park	90.7	KEZD	KENC	OR	Lees Camp	88.7	NEW	KTFH
CO	Minturn	90.7	KMPB	KVNC	PA	Beaver Springs	90.5	NEW	WFBM
GA	Bainbridge	97.3	WRAK-FM	WGEX	PA	Greenville	88.1	NEW	WXTC
GA	Thomson	91.5	NEW	WJGS	PA	Laporte	90.9	WCIJ	WCIS
ID	Kamiah	88.7	NEW	KIYE	PA	Pittsburgh	93.7	WBZW-FM	KDKA-FM
ID	Ririe	88.7	NEW	KYSK	PA	Tidioute	89.1	NEW	WGIP
IL	Galena	90.1	NEW	WGLA	TX	Escobares	104.7	NEW	KERG
IL	Pittsfield	90.9	NEW	WOGN	TX	Vernon	88.5	NEW	KVED
IA	Hawkeye	89.9	NEW	KRJE	UT	Moab	88.7	NEW	KUST
KS	Brewster	90.1	NEW	KZNK	UT	Vernal	88.5	NEW	KUSK
KS	Elkhart	91.3	NEW	KZNZ	VT	Newbury	90.9	NEW	WEXM
KS	Paola	89.7	KCPK	KWJP	VA	Brandy Station	88.1	NEW	WKYF
KY	Hazard	106.1	WLZD-LP	WRZD-LP	VA	Front Royal	90.3	NEW	WXDM
LA	Kaplan	90.5	NEW	KLFT	VA	Spotsylvania	88.3	NEW	WHMM
MN	Coon Rapids	107.1	WFMP	KTMV	WA	Aberdeen	94.3	KGHI-LP	KYAB-LP
MS	Hattiesburg	103.7	WUSW	WFFX	WA	Bellingham	90.3	NEW	KQOW
NE	Grand Island	91.5	KBTK	KJWM	WA	Union Gap	88.1	NEW	KYTR
NM	Milan	101.9	NEW	KZNM	WV	Bluefield	88.5	NEW	WVDM
NM	Reserve	91.1	NEW	KRZV	WV	Moundsville	88.7	NEW	WULV
NY	Elmira	88.1	NEW	WMTQ	WI	Rothschild	100.5	NEW	WDTX
NY	Greene	88.1	NEW	WWSA	WY	Cody	101.1	KWHO	KROW
NY	Lake Placid	91.7	NEW	WXLL	WY	Fort Washakie	91.7	NEW	KRKM
					WY	Lovell	107.1	KROW	KWHO

**TRANSLATORS and BOOSTER STATIONS**

— CALL LETTER CHANGES —

	Old Call	New Call							
CA	Fall River Mills	107.9	NEW	KKLC-1	IL	Prophetstown	107.3	K297BA	W297BA
GA	Dalton	105.7	W289BF	W291CD	MT	Shelby	99.5	K257EG	K258BW
GA	Douglas	99.9	W263BR	W260BU	NY	Cooperstown	97.3	W248AN	W247BM
					NY	Olean	93.9	W231CD	W230BO

TX San Angelo	101.5	K215BH	K268BV	UT Park City	96.7	K297AT	K244EN
TX Texarkana	91.9	K205DN	K220JR	WI Wausau	101.3	W264AP	W267BB

— FORMAT AND SLOGAN CHANGES —

— All Facilities —

AL Birmingham	94.5	WJOX-FM	Is now // WJOX-690 continuing their Sports programming: <i>JOX FM</i>
AL Brundidge	94.7	WTBF-FM	> Oldies
AL Dothan	100.1	W261AT	Is now // WOOF - 560 Dothan with Sports: <i>The Ball</i>
AL Helena	100.5	WWMM	Is now // WAPI-1070 Birmingham with News/Talk
AL Moores Mill	94.7	W234BB	Is on relaying WAWI-89.7 Lawrenceburg Tennessee
AZ Dolan Springs	91.9	KLKI	Signs on with Contemporary Christian: <i>K-Love</i>
CA Cathedral City	98.5	KWXY-FM	> Oldies
CA Indian Wells	95.9	KAJR	> Soft AC: <i>The Oasis</i>
CA Redding	88.9	KFPR	Is silent
CA Salinas	97.9	KYZZ	> Oldies // KIDD - 630: <i>Oldies 630</i>
CA Victorville	103.1	KVFG	> Sports: ESPN: <i>High Desert Sports Radio</i>
CO Grand Junction	91.3	KMSA	> Adult Alternative: <i>KMSA The Alternative</i>
CO Minturn	90.7	KVNC	> News // KUNC - 91.5: <i>Community Radio For Northern Colorado</i>
DC Washington	103.5	WTOP-FM	Is being carried on WTOP - 1050 Silver Spring, Maryland: <i>Washington's News, Traffic and Weather Station</i>
FL Graceville	101.7	WTOT-FM	> Contemporary Christian
FL Key West	107.9	WMFM	Returns to the air with Tropical // WXDJ - 95.7: <i>El Zol 95</i>
GA Bainbridge	97.3	WRAK-FM	> Adult Hits: <i>GenX Radio</i>
GA Lavonia	92.1	WLHR-FM	Returns to the air from temporary facilities with Country, after being off due to tower collapse caused by possible vandalism
GA Unadilla	99.9	WNNG-FM	> Sports // WNNG - 1350: ESPN: <i>ESPN 99 point 9</i>
HI Makawao	94.3	KDLX	> AC: <i>Lite 94</i>
HI Wailuku	94.1	KAOI	> AAA: <i>Ka'oi FM</i>
IL Morris	103.1	WCSJ-FM	> Oldies
IN Auburn	102.3	WGBJ	Remains CHR but now is <i>The Killer B 102 point 3</i>
IA Boone	99.3	KFFF-FM	> Religious Teaching // KFFF - 1260: <i>Central Iowa's Voice of Truth</i>
IA Des Moines	99.1	KFMG-LP	Is off the air due to financial reasons
IA Dubuque	95.9	K240DZ	Is on, after moving from 95.7; relays WVIK-90.9 Rock Island, Illinois
IA Onawa	102.3	KQNU	Knocked off the air by a storm the weekend of 1/24/2010; may have returned to the air
KS Elkhart	91.3	KZNZ	New station is on the air with Native American [Kanza Ilóshka Society]
KY Berea	106.7	WLFX	> CHR: <i>106 point 7, The Dog</i>
KY Highland Heights	89.7	WNKU	> Adult Alternative: <i>NPR News &amp; Great Music</i>
KY Madisonville	106.9	WYMV	> Adult Contemporary: <i>Y- 106 point 9</i>
KY Morehead	96.3	WIVY	> Adult Contemporary
KY Mount Sterling	105.5	WMKJ	> Oldies; remains <i>Majic 105 point 5</i>
KY Walton	97.7	WHKK-LP	> Southern Gospel
LA Buras	91.9	KMRL	Returns to the air with Contemporary Christian: <i>K-Love</i>
LA Hammond	103.3	WCDV	> Adult Hits: <i>GenX Radio</i>
LA Oak Grove	96.7	KWCL-FM	> Classic Hits
MI Lansing	97.5	WJIM-FM	> <i>97 point 5, Lansing's Hit Music Station</i>
MN Coon Rapids	107.1	KTMV	> Remains Talk but is now <i>myTalk 107 point 1</i>
MN Roseau	100.7	K264AR	Now relays KQMN-91.5 with Minnesota Public Radio
MS Liberty	107.7	WAZA	> Fox Sports: <i>Fox Sports 107 point 7</i>
MS McLain	96.9	WXAB	Is silent
MO Farmington	98.5	KTJJ	Still Country, but now <i>Kickin' Country, the Boot</i>
NM Alamogordo	91.7	KUPR	Is silent (tower down)
NY Albany	100.9	WKLI-FM	> Oldies // WROW-590 Albany: <i>Magic 100 point 9 FM</i>
NY Elmira	107.7	WECW	Returns to the air with Adult Alternative [Elmira College]
NY Little Valley	105.9	WGWE	Signs on with Classic Hits
ND Flasher	105.9	KKBO	Is silent (tower down); station continues streaming at 1059bobfm.com
OH Chillicothe	89.3	WZCP	> Contemporary Christian: <i>89 point 3 The River</i>
OH Newark	89.3	WZNP	> Contemporary Christian: <i>89 point 3 The River</i>
OH West Union	89.5	WZWP	> Contemporary Christian: <i>89 point 5 The River</i>
OK Cache	97.9	KJMZ	Is silent due to weather-related tower collapse
OR Elgin	105.9	KRJT	> Oldies // KKBC - 95.3 Baker: <i>The Boomer 95 point 3 and 105 point 9</i>
OR Pendleton	107.7	KWVN	> Adult Hits: <i>107 point 7, The Vine</i>
OR Pilot Rock	92.1	KUMA-FM	> Adult Contemporary: <i>The Variety Station</i>
PA Beaver Falls	106.7	WAOB-FM	Returns to the air with Religion: <i>Catholic Radio</i>
PA Carbondale	94.3	WLNP	> Classic Hits // WWRR - 104.9 Scranton: <i>The River</i>
PA Pittsburgh	93.7	KDKA-FM	> Sports: <i>The Fan</i>
SC Lexington	107.7	WGNH-LP	Is silent
SD Milbank	104.3	KKSD	Is silent due to tower collapse (ice storm)
SD Reliance	94.5	KPLO-FM	Returns with their Country format after being knocked off due to tower collapse (ice storm)
SD Watertown	92.9	KSDR-FM	Is silent due to tower collapse (ice storm)
SD Watertown	96.1	KIXX	Is silent due to tower collapse (ice storm)
TN Halls Crossroads	96.7	WMYL	> Country; <i>96 point 7, Merle FM</i>
TN Gatlinburg	93.7	W229BE	Now relays WDLF-88.3 with Contemporary Christian: <i>Life 88 point 3</i>
TN Henderson	107.7	WHHM-FM	> Adult Contemporary: <i>Star 107</i>
TN La Follette	104.9	WTNQ	> Country; <i>Q Country 104 point 9</i>
TN Oliver Springs	106.1	WJRV	> Hot AC; <i>The River 106</i>
TN Powell	94.3	WNFZ	> Modern Rock: <i>Knoxville's Rock Station, The X</i>
TN South Pittsburg	97.3	WUUQ	> Classic Country: <i>Q Country</i>
TX Comfort	95.1	KGSX	> Spanish Urban: <i>La Kalle</i>
TX Iowa Park	96.3	KXXN	Returns to the air with Contemporary Christian: <i>Big Fish FM 96 point 3</i>
TX Ranger	98.5	KCUB-FM	Is silent
TX Lamesa	105.1	K286AO	> Country // KPET-690 Lamesa: <i>Real Country</i>
TX St. Augustine	92.5	KQSI	> Talk & Country // KDET-930 Center: <i>Real Country</i>

TX Stephenville	90.5	KTRL	> Adult Alternative [Tarleton State University]
TX Winnie	105.3	KPTY	Returns to the air with Spanish Hits // KAMA-FM - 104.9: <i>Amor 104 point 9</i>
UT Coalville	97.5	KZZQ	> Classic Rock: <i>The Blaze</i>
UT Manti	105.1	KAUU	> Classic Rock // KZZQ - 97.5: <i>Rockin' Hits</i>
VA Colonial Beach	88.1	WWER	Signs on with Contemporary Christian
VA Spotsylvania	89.5	WWED	Returns to the air with Religious Teaching
WA Pasco	93.7	KGSG	> Rock: <i>The Rockin' River 93 point 7</i>
WI Adams	89.1	WHAA	New station signs on with News // WERN-88.7 (Wisconsin Public Radio)
WI Glenmore	97.5	WTAQ-FM	Returns to the air with a Talk format // WTAQ-1360 <i>Green Bay: News Radio 1360</i>
WI Marshfield	106.5	WYTE	Remains Country, but now as <i>106 point 5 Y</i>
WI Rothschild	100.5	WDTX	Signs on with Sports (ESPN) // WXCO - 1230 <i>Wausau: Sports Fan 1230 and 100 point 5</i>

— OTHERNEWS —

ID Coeur d'Alene	91.9	K220BX	Fined \$750 for failure to file for renewal in a timely manner
ID Kellogg	91.9	K220BW	Fined \$750 for failure to file for renewal in a timely manner
ID Sandpoint	101.7	K269DU	Fined \$750 for failure to file for renewal in a timely manner
IN Pendleton	91.7	WEEM-FM	Has reportedly shut down [South Madison Community School Corp.]
IA Decorah	104.7	KVIK	The FCC has cancelled a \$7000 fine for failure to file for license renewal on time. It seems as if they did file within the specified period, but failed to submit the required fees. A penalty of \$187.50 (25% of the original filing fee) was imposed instead.
IA Waukon	103.5	KNEI-FM	The FCC has cancelled a \$7000 fine; same details as KVIK above
MN Hibbing	88.9	K205AX	License cancelled; call deleted
MO Kirksville	89.7	KKTR	Fined \$7200 for failure to maintain public inspection file
NC Swan Quarter	88.5	WHYC	License cancelled; call deleted
LA Baton Rouge	96.9	WHYR-LP	Fined \$8000 for unauthorized transfer of control
MO Kirksville	90.7	KHGN	Fined \$3400, along with co-owned translator K220CN, for failure to file for renewal in a timely manner and subsequent unauthorized operation
NY New York	97.9	WSKQ-FM	Fined \$16,000 for broadcasting a telephone conversation without giving prior notice to the individual being called of its intention of doing so [see more below]
NC Dallas	91.7	WSGE	Fined \$8000 for failure to maintain their public inspection file
OR Malin	100.9	KBUG	License renewal denied (character issues); license cancelled; call deleted
SC Williston	94.7	WAAW	Fined \$4000 for broadcasting a telephone conversation without giving prior notice to the the individual being called of its intention of doing so [see more below]
VA Stanleytown	99.9	WZBB	Fined \$1000 for failure to properly maintain their public inspection file
WI Eau Claire	107.9	WLFK-LP	License cancelled; call deleted

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**NEWS ITEM: A new radio is being developed to remove the commercials and DJ talk for hours of uninterrupted music. The device's inventor, Jake Sigal of Myline Electronics, said after you tune to a station the FM tuner records the audio stream. Using Popcatcher technology, a "detection algorithm," it analyzes the audio and removes the advertisements and DJ patter. The individual songs are saved as MP3 files and stored on the docked Music Lock portable player for playback over the built-in speakers or elsewhere. The player has a 500 song capacity, or 2 GB of storage space, according to the company.**

Myline worked with the National Federation for the Blind to make the portable player accessible. The buttons for skip, pause, play, fast-forward, as well as save and delete commands are all raised and are different shapes.

The Abbee commercial-free music system is shipping now and available from Myline and Amazon. It lists for \$249.99.

And here's another unique part — or scary part, for a commercial music station. Sweden-based Popcatcher says its technology "can be integrated with almost every kind of media player that contains a radio." It's pursuing deals to integrate its technology in cell phones, portable MP3 players, and car stereos. Popcatcher says it can detect repeat songs and skip those, too.

**NEWS ITEM: FCC Approves FM IBOC Power Increase — The Federal Communication Commission's Media Bureau has approved a voluntary digital power increase — up to 10 percent of a station's analog power — for FM stations transmitting HD Radio. The order also establishes interference mitigation and remediation procedures to resolve complaints of interference to analog stations promptly. The FCC said the changes "will substantially boost digital signal coverage while safeguarding analog reception against interference from higher-power digital transmissions." Currently, stations may transmit digitally at 1 percent of analog power. In June 2008, HD Radio developer iBiquity Digital Corp., 18 group owners of 1,200 radio stations and four major radio transmission equipment manufacturers — Harris, Broadcast Electronics, Nautel and Continental — requested that the commission allow an increase in digital power levels by 10 dB, i.e., to 10 percent of analog power levels, in the hopes of booting indoor and mobile reception on HD Radio receivers. At the current power levels, proponents say, the digital coverage does not replicate the analog coverage areas. Both iBiquity and National Public Radio have submitted detailed studies assessing the potential for improved digital service and increased interference to analog reception. The Media Bureau Order will:**

- Permit most FM stations to immediately increase digital power by 6 dB, a four-fold power increase;
- Limit power increases for stations currently licensed in excess of class maximums, i.e., "super-powered" stations, to protect analog radio service from interference;
- Establish application procedures for power increases up to 10 dB;
- Establish interference remediation procedures that require the Media Bureau to resolve each bona

- fide dispute or impose tiered power reductions within 90 days; and
- Reserve the right to revisit the issue of digital power levels if significant interference results to analog reception.

According to the Federal Communications Commission order, the power increase becomes effective either 30 days after the rules are summarized in the Federal Register, or once the Office of Management and Budget has approved the new rules and that is published in the Federal Register. (Whether stations in reality will wait for that, knowing the hike has been approved, is another matter.) Once the power increase rules go into effect, eligible FM stations may commence operation with FM digital operating power up to -14 dBc — that is, up to a 6 dB increase — or quadruple the current power. Stations must electronically notify the Media Bureau that they've raised their digital power within 10 days of doing so using a special form. Leading radio broadcasters depend on Harris for mission-critical technologies including transmitters, PR&E® audio consoles and networking systems, and Intraplex® studio-to-transmitter links and data multiplexing solutions. (As NPR and iBiquity had proposed, the FCC is requiring a licensee seeking to go beyond 6 dB to submit an application in the form of an informal request, and it laid out guidelines for those permissions in its order.)

The "Digital Notification" form is available in the Media Bureau's Consolidated Database System Electronic Filing System. Eligible FM stations that want to raise their digital FM power before the order becomes effective can apply for a Special Temporary Authorization.

Some stations have begun to raise their IBOC power, as allowed in the order released Jan. 29 by the FCC.

Reports from a handful of stations point to speedy approval of their applications for Special Temporary Authority to raise their HD Radio power the automatic 6 dB, up to an FM digital operating power of -14 dBc.

Those who want to go up to the maximum 10 decibels below carrier need to provide more information than those stations applying for the blanket 6 dB power hike.

The FCC has an instruction sheet on its Web site for those who want to file an STA to raise their digital power by 6 dB to 10 dB now.

Otherwise, the approval isn't official until 30 days after the order is published in the Federal Register.

**NEWS ITEM:** The Federal Communications Commission issued two fines to stations recently for not telling callers they were on the air before broadcasting calls.

The first, to WSKQ(FM), New York, is for \$16,000. The Enforcement Bureau received a complaint in 2007 alleging that a station employee made a call to a woman, claimed to be an employee of a local hospital and told her that her husband had been injured in a motorcycle accident and had died. The complaint also alleged that the woman became distraught when she received this information and that the station then told her the call was a "joke."

In response to the FCC's query, WSKQ said its owner, Spanish Broadcasting System, contracted with a vendor, "Rubin Ithier," who recorded the call for a prank call feature show. The licensee admits that the vendor initiated the call broadcast by WSKQ, that the recipient's husband had requested the call and that they performed the prank. SBS acknowledged that Ithier did not inform the woman the call was being recorded for broadcast until after it had been aired.

The transcript given to the FCC indicates that the woman hung up when she learned that the call was a prank, and that Ithier telephoned her again to obtain her permission to broadcast the call.

In issuing its fine, the FCC said prior notification is essential to protect individuals' expectation of privacy and to preserve their dignity by avoiding calls they don't want broadcast to reach the air. Even though it was a contractor that violated the rule, SBS is responsible for his action, the commission ruled. The base fine for such cases is \$4,000 but the FCC can take a licensee's history into account; citing a past SBS case, it proposed a \$16,000 forfeiture here. The FCC also warned SBS that future similar violations may result in harsher enforcement action, including possibly license revocation.

The second case concerns Rejoynetwork, licensee of WAAW(FM) in Williston, S.C. The commission received multiple complaints that the station aired several calls without giving recipients prior notice. The complaints allege that on March 23, 2006, DJ "Ryan B." called three airport officials and broadcast each call on-air without first informing the individuals the conversations would be used on the air.

The station argued that the fine is invalid because the DJ identified himself by name and said that he was calling from the radio station when he called the airport officials and argued that those officials could have immediately terminated the call. That's not proper notice, said the FCC in its decision last week. It fined the station \$4,000.

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 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  
 +++++

**WTFDA EMAIL REFLECTORS**

Enhance your DXing experience! Entertaining and informational.  
*For WTFDFA members! Sign Up Today!*

The WTFDA list with 190+ users...send an email to [tvfmdx-subscribe@wtfda.info](mailto:tvfmdx-subscribe@wtfda.info)  
 The WTFDA AM DX list with 90+ users...send to [amdix-subscribe@wtfda.info](mailto:amdix-subscribe@wtfda.info)



# PHOTO NEWS

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

March 2010

The last of the photos from Danny Oglethorpe, Shreveport, LA:



KBTX-DT-50 Bryan, TX  
 186 mi Tr seen March 2009



KTEN-DT-26 Ada, OK  
 206 mi Tr seen May 2009



KFSM-DT-18 Ft. Smith, AR  
 236 mi Tr seen June 2009



KXII-DT-12 Sherman, TX  
 204 mi Tr seen June 2009



KTHV-DT-12 Little Rock, AR  
 177 mi Tr seen 6/14/09  
 @2112 CT  
 "subchannel 11-2"





KQCW-DT-20 Muskogee, OK  
 257 mi Tr seen 3/18/09  
*"rebroadcasts KOTV-6 news"*



WUFX-DT-41 Jackson, MS  
 199 mi Tr seen 5/26/09  
 @1900 CT



XERV-9 Reynosa, TAM  
 515 mi Tr seen June 2009  
*"Note US city affiliation"*



XHLGT-2 Leon, GTO  
 919 mi Es seen June 2009  
*"cdc (canal de casa)"*



XHBC-3 Mexicali, BCN  
 1268 mi Es seen July 2009  
*"Tu Canal"*



CHBX-2 Sault Ste. Marie, ON  
 1089 mi Es seen 11/24/09



KBMT-DT-12 Beaumont, TX  
 155 mi Tr seen 6/13/09  
*"Note wrong DT channel on slide"*



KTVT-DT-19 Ft. Worth, TX  
 187 mi Tr seen 6/7/09  
 @0759 CT



KNCT-DT-46 Belton, TX  
 248 mi Tr seen 6/7/09



KSTR-DT-48 Irving, TX  
 187 mi Tr seen 6/7/09

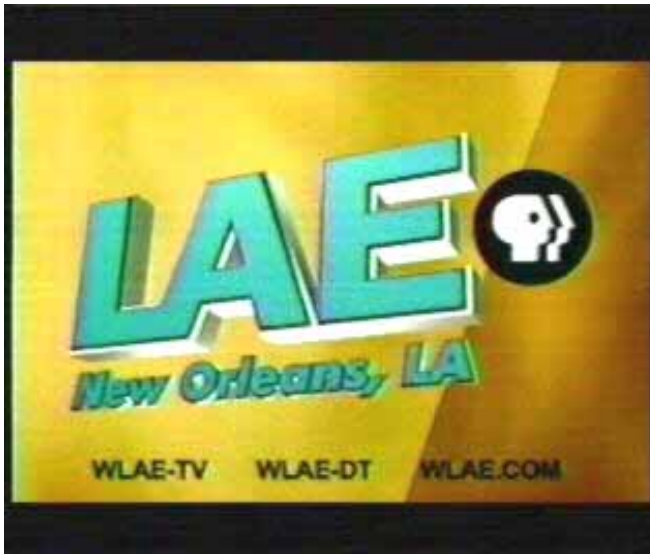
And finally some photos from me from last year:



WAVE-3 Louisville, KY  
 836 mi Es seen 5/2/09  
 @1308 CT  
*"on Derby Day no less!" - jk*



WJXT-4 Jacksonville, FL  
 822 mi Es seen 5/2/09  
 @1715 CT  
*"local newscast"*



WLAE-DT-31 New Orleans, LA  
328 mi tr seen 6/12/09  
@2314 CT



KATV-DT-22 Little Rock, AR  
398 mi tr seen 6/17/09  
@2048 CT



XEWO-2 Guadalajara, JAL  
1330 mi Es seen 7/12/09  
@0933 CT  
"1st day KPRC is off"



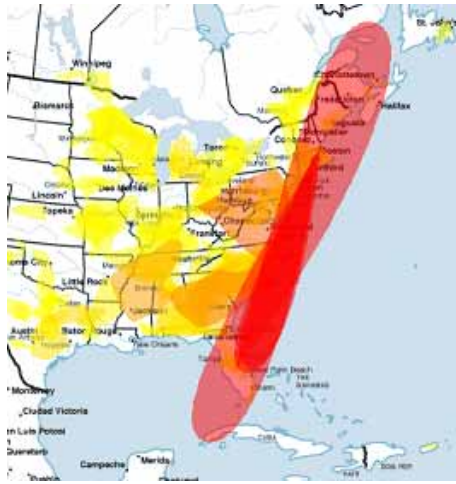
XHGV-4 Las Lajas, VER  
720 mi Es seen 7/12/09  
@1722 CT  
"rtv logo UR"

Commentary

With the digital era, it seems a lot of photos submitted to me are just photos of PSIP captures. I realize that most signals are so weak that that's all people can get a lot of times, but to me, taking a photo of a PSIP is no different than printing that same information in the little text box below it. It's boring. Give me a photo of a logo (too bad they can't show that in a PSIP), a local commercial, a local weather graphic, something that's photo-worthy. Now I know certain photos are exceptions (like the first E-skip receptions of DTV's), and I've been guilty of it, too, sometimes. But I'm tired of seeing the same old same old every time now.

Now what you've seen this month (and this year, for that matter) is what I would PREFER to be submitted. The PSIP is out of the way, and is actually redundant and unnecessary in most cases. I realize not all STB's super their info the same way. I try NOT to capture the PSIP in my photos these days, unless I never see any kind of picture at all, in which case I'll save it for posterity only. I'm not saying I won't print any more photos if they are just PSIP photos. What I am saying is if you are going to take photos, try to save for a photo at ID time, or local commercial break, or flip over to channel 17.2 to capture their weather subchannel. If a couple of us DXers can do it, so can you.

73's, JEFF



Mountainlake APRS map shows E-skip reaching the 2-meter band on Feb. 1

# Eastern U.S. TV DX

Featuring reports from AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, and WV, along with the Canadian Provinces of NB, NF, NS, ON, PEI, and PQ.

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

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

## The Editor's Note

In a month that helped set seasonal snowfall records in cities like Washington D.C., Baltimore, and Philadelphia, along with snow accumulation all the way down to the Florida panhandle, we were not totally devoid of DX. Early February featured an unusual amount of E-Skip, even to places in the north that usually rarely see E-Skip in the winter past mid-January. The 1<sup>st</sup> and 2<sup>nd</sup> were especially active, with MUF well into FM and reports of DTV decodes from Mike Bugaj in CT and Jim Pizzi in NY. A nice appetizer as we continue to work our way toward the spring.

We hear from Fred Nordquist, Jim Pizzi, and Garth Jensen inside this month's ETVDX, enjoy.

### Fred Nordquist

147 Travis Hill Rd - Moncks Corner SC  
[nordquis@homesc.com](mailto:nordquis@homesc.com)  
 Times - ELT. Distance in Miles.

- 9/22/09 Tr
- 1025 WXTX-DT-49 GA Columbus-FOX (290)
- 10/7 Tr
- 2244 WZDX-DT-41 AL Huntsville-FOX (391)
- 2257 WTJP-DT-26 AL Gadsden-TBN (376)
- 2315 WTTO-DT-28 AL Homewood-CW (395)
- 2326 WLOV-DT-16 MS West Point-FOX (527)
- 10/10 Tr
- 1213 CBLT-8 2 ON Kearns-CTV (1030)
- 1635 CHRO-5 ON Pembroke-A NETWORK (884)
- 10/21 Tr
- 0103 WHDF-DT-14 AL Florence-CW (428)
- 10/26 Tr
- 2200 WEAR-DT-17 FL Pensacola-ABC (485)
- 2212 WSRE-DT-31 FL Pensacola-PBS (485)
- 2217 WKRG-DT-27 AL Mobile-CBS (493)
- 10/27 Tr
- 0000 WAKA-DT-42 AL Selma-CBS (425)
- 10/25 Tr
- 2105 WCOV-DT-20 AL Montgomery-FOX (372)
- 10/28 Tr
- 1813 WUFX-DT-41 MS Vicksburg-FOX (622)
- 2126 WDBB-DT-18 AL Bessemer-CW/FOX (430)
- 2212 WBIH-DT-29 AL Selma-IND (402)
- 10/29 Tr
- 2340 WNGH-DT-33 GA Chatsworth-GFB (292)
- 10/30 Tr
- 1707 XHY-2 YC Merida-SIPSE (1032)
- 2112 WFXR-DT-17 VA Roanoke-FOX (275)
- 2117 WUNL-DT-32 NC Winston Salem-UNC (219)
- 11/7 Tr
- 2318 WCFT-DT-33 AL Tuscaloosa-ABC (431)
- 11/8 Tr 0053 WHNT-DT-19 AL Huntsville-CBS (391)
- 0100 WLMT-DT-31 TN Memphis-CW (578)

- 11/17 Tr
- 2110 KYW-DT-26 PA Philadelphia-CBS (539)
- 11/20 Tr
- 0025 WDPM-DT-23 AL Mobile-DAYSTAR-RELIG (493)
- 0051 WMPV-DT-20 AL Mobile-TBN-RELIG (481)
- 11/23 Es
- 1752 XHTAU-2 TA Tampico-SS-AZTECA 7 (1328)
- 11/26 Tr
- 0947 WXPX-DT-42 FL Bradenton-ION (424)
- 1645 WBEC-DT-40 FL Boca Raton-EDU (500)
- 1/4/10 Es
- 0935 CKCO-TV2 2 ON Warton-CTV (812)
- 1/31/10 Es
- 1715 CFAP-2 QC Quebec City-V - FFC (1044)

All above are new loggings.  
 TV Totals = 519 (including 226 DTV)  
 E-skip into the TV band was noted here on the following days since last report (Lots of Canadian/Dominican Republic/Mexico Relogs and Mexico/etc UNIDs):  
 Sept 15/21/22 Oct 10/11/12/22/23/29/30  
 Nov 8/13/23/25/29 Dec 6/9/13/17/28/30  
 Jan 3/4/14/23/31 Feb 1/2/3/4

73-Fred

### James N. Pizzi

100 County Road 28  
 Palmyra, NY 14522-9440  
 (315)597-5898

Equip: Delihi VIP-3075R (ch 2-13)  
 Winegard PR9032 w/PA-4975 Pre-Amp Approx. 20' above ground  
 Circa 1994 27" RCA/Circa 1984 12" B&W  
 Emerson  
 Zenith DTT-900

9/20 Tr

0159 WNYF-CD 35 Watertown, NY Not counting as new – old WWNY-DT antenna & tower – just different calls & lower power  
0900 WCWN 43 NY Decode-strong 45.1-WCWN-HD, 45.2-WCWN-US

9/21 Tr (You had my local dial, Jim, very impressive! – NL)

0733 WUVP 29 NJ 48.1-WUVP-DT, 48.2-WFPA-CA

0734 WGTW 27 NJ WGTW-D1 thru D5

0735 KYW 26 PA

0743 WPHL 17 PA 17.2 This-TV

0744 WNJS 22 NJ NJN2 & NJNAV

0745 WTVE 25 PA

0746 WPPX 31 DE ION

0747 WCAU 34 PA +US Sports

0747 WYBE 35 PA Mind, glbMind, MindMHz, Mindst

0748 WVIA 41 PA

0748 WTXF 42 PA

0750 WFMZ 46 PA 2 WFMZ-AW, 3 WFMZ-A

0755 WPVI 6 PA

0756 WBPH 9 PA Tent.

0757 WBRE 11 PA

0921 WNJN 51 NJ

0932 WFUT 30 NJ 2 WXTV 68.2

0934 WNJU 36 NJ

10/29 Tr

1900 WICU 12 PA Signal-No Decode

1900 WQLN 50 PA Signal-No Decode

10/30 Tr

0004 CICI 5 ON “Sudbury” floating u/CBLT

0205 WETK 32 VT Lock 33-1 VPT-HD, no video

0207 WCAX 22 VT Signal-No Decode

11/12 Tr

2223 CFTO 40 ON Decode w/video 9.1

CFTO HD WBCT-LP 40 analog overridden

2225 unID 30 Toronto heading Signal-No Decode

2243 CITY 53 Toronto “CITY HD”

2243 CFMT 64 Toronto “OMNI 1”

2247 CJMT 44 Toronto “OMNI 2”

2253 CHRO 43 Ottawa “A” Ch (Analog)

Plus other Ottawa digitals & analogs

11/22 Tr

1337 WQLN 50 PA Decode-No Video No extra channels? Just 54.1

12/9 Ms

1020 CKPR 2 ON Tent., CBC//CBLT-5

12/9 Es

1614 WUVF 2 FL Tent., Brief-Ant. South

1/16 Tr

1815 WJW 8 OH Decode WJW-DT Brief Video

1819-2150 unIDs 11, 34, 41, 7, 31, 15, 48 All just below decode

2152 WPXD 31 MI Decode IDN

2159-2211 unIDs 30, 50, 34, 36, 11

2214 WWCP 8 PA Decode 8.1 WWCP-HD 8.2 WATM-DT

2216 WPSU 15 PA Decode

2225 WNEP 50 PA Decode, Previously received on ch. 49

2230 WBRE 11 PA Decode

1/17 Tr

0203 unIDs 51 & 35 WSW

0207 WJAC 34 PA Decode 6.1-WJAC-HD, 6.2-RTN6

0209 WTAJ 32 PA Decode 10.1 WTAJ-HD

0212-0222 unIDs 18, 12 WICU-tent., 50, 7, 22 0400-0800 Sleep time

?? WNIT 35 IN Decode 34.1-WNIT-HD, 34.2-WNIT-SD 466 miles

2/1 Es

2100+ KHAS 5 NE Zenith decode-unattended

Sept 21<sup>st</sup> exceptional tropo, Jan 16<sup>th</sup> pretty good. No Es noted here-missed out a few times-it's been a cold winter-looking forward to more DX.

Jim

**Garth Jensen**

Markham, Ontario, Canada

<http://tvgarth.blogspot.com>

My equipment is a CM4221HD antenna and an old-but-good pair of rabbit ears for VHF, both connected to a CM7777 pre-amp. I use a Zenith DTT901 digital box, as well as a Panasonic TV (TH-50PZ77U). My antenna is not mounted outside, but I do my best aiming from inside my sunroom. Sometimes with certain tropo (Michigan, Ohio, etc) I take the antenna outside and place it on a ladder on top of a nearby shed in the backyard. (Also for my report, I'm using 5am as the "cut off" to divide each reception day.)

Friday Jan 15th:

I didn't think my reception was unusual at first, but a little after 12am on Friday I noticed that my normally strong Buffalo signals were getting shaky. I turned the antenna, and I noticed a flicker on RF29 on my Zenith DTT901. Then I noticed a flicker on RF51. Last time that happened, it was Chicago, so I quickly dragged the antenna outside and put it on a ladder parked on top of the shed. Soon after, Chicago's WMAQ rolled in off and on through the night (Last summer, I caught it only briefly.) I also picked up two new stations - Chicago's WPWR on RF51, and Decatur, IL's WBUI on RF22 which is 542 miles away from me! (This was my DTV DX record at this point, only to be beaten on Sunday!) I also picked up some of my more familiar catches with Cleveland, OH's WEWS on RF15, and Detroit, MI's WMYD on RF21. WMAQ was still popping up off and on through about 6am, along with Cleveland's WEWS.

0038 RF29 WMAQ (NBC) Chicago, IL [446.25 miles]

0125 RF15 WEWS (ABC) Cleveland, OH [214 miles]

0152 RF51 WPWR (MyTV) Chicago, IL [446.25 miles]

0216 RF22 WBUI (CW) Decatur, IL [562.18 miles]

0323 RF21 WMYD (MyTV) Detroit, MI [221.18 miles]

Saturday Jan 16th:

In the afternoon around 1:45 I caught something new on RF22 - South Bend, IN's WSBT! The picture didn't fully decode, though. However, Cleveland was coming in nicely with WEWS on RF15, WKYC on RF17, and WBNX on RF30. I had to leave for work by 2:30pm, but by the time I came home at 11pm, Indiana was fully booming in (my first time receiving that state) along with Michigan and Ohio! I caught full decode of South Bend, IN's WSBT, as well as WNDU on RF42, and WHME on RF48. I was also blown away by catching Lansing, MI's WLNS on RF36 because channel 36 is my semi-local analog station CITS from Hamilton, Ontario (I also caught South Bend's WNIT on RF35 which stomped over CITS' digital signal!) My camera was going into overdrive capturing all this! Two stations from Detroit, MI also came in over semi-local Buffalo, NY stations! I got WTVS on RF43 over Buffalo's WNED, and WKBD on RF14 over Buffalo's WUTV! There were also catches of many Ohio PBS stations including Akron's WEAO on RF50, Bowling Green's WBGU on RF27 and Toledo's WGTE on RF29! I also noted two analog stations coming in that I don't always get, which were London, ON's CHCH-TV-2 on 51, and Kitchener, ON's CBLFT-8 on 61.

1345 RF22 WSBT (CBS) South Bend, IN [386 miles]  
1350 RF23 WVPX (ION) Akron, OH [228 miles]  
1352 RF15 WEWS (ABC) Cleveland, OH [214 miles]  
1358 RF31 WPXD (ION) Ann Arbor, MI [264 miles]  
1359 RF30 WBNX (CW) Cleveland, OH [213 miles]  
1404 RF17 WKYC (NBC) Cleveland, OH [212 miles]  
2314 RF42 WNDU (NBC) South Bend, IN [386.52 miles]  
2324 RF21 WMYD (MyTV) Detroit, MI [221.18 miles]  
2325 RF45 WDIV (NBC) Detroit, MI [221.53 miles]  
2329 RF43 WTVS (PBS) Detroit, MI [221.19 miles] (over top of semi-local WNED Buffalo!!!)  
2331 RF48 WHME (LeSEA) South Bend, IN [384.43 miles]  
2334 RF27 WBGU (PBS) Bowling Green, OH [304 miles]  
2345 RF16 WSMH (FOX) Flint, MI [246 miles]  
2349 RF29 WGTE (PBS) Toledo, OH [262 miles]  
2354 RF45 WLLA (FamilyNet) Kalamazoo, MI [326 miles]  
0021 RF35 WNIT (PBS) South Bend, IN [385.18 miles] (over top of Digital CITS from Hamilton!!!)  
0025 RF36 WLNS (CBS) Lansing, MI [271 miles] (over top of Analog CITS from Hamilton!!!)  
0053 RF50 WEAO (PBS) Akron, OH [228.42 miles]  
0204 RF34 WQHS (UNI) Cleveland, OH [213 miles]  
0205 RF14 WKBD (CW) Detroit, MI [226 miles] (over top of semi-local WUTV Buffalo!!!)  
0320 A61 CBLFT-8 (R-C) Kitchener, ON [74 miles]  
0321 A51 CHCH-TV-2 (IND) London, ON [150 miles]  
0347 RF7 WJBK (FOX) Detroit, MI [222.62 miles]

Sunday Jan 17:

On Sunday, Indiana and Michigan stations were still coming in during the very early morning. I also topped Fri's 542 mile DTV DX record with a few seconds of WMBD on RF30 from Peoria, IL, which

is approx 571 miles from me! I was able to catch some of the Sunday morning newscasts on South Bend, IL's WNDU on RF16 and Detroit, MI's WDIV RF45. There were some leftover bits of Indiana, and Michigan in the early afternoon, including WFUM on RF28, but things appeared to be winding down until the late evening. Around 10pm signals started lighting up again. Detroit came back with WMYD on RF21. Then Lansing, MI came again with WLNS \*again\* overriding the analog CITS on RF36! I also got one result that was so short-lived I only got PSIP in my Panasonic TV. RF29 was erratically blinking on my Zenith DTT901, so I switched to my Panasonic tuner to see if it would decode. It stored as Kokomo, IN's WTTK (451 miles from me.) Not a full decode, but at least the PSIP stored in the TV. Later in the night between 1-3am approx, I was shocked to get two Dayton, OH stations! WRGT came in on RF30 along with WDTN on RF50. Between 4:30-5am, Dayton faded out, as Cleveland began to roll in again.

0509 RF21 WMYD (MyTV) Detroit, MI [221.18 miles]  
0522 RF30 WMBD (CBS) Peoria, IL [571 miles - my current record!]  
0531 RF45 WLLA (FamilyNet) Kalamazoo, MI [326 miles]  
0537 RF22 WSBT (CBS) South Bend, IN [386 miles]  
0542 RF42 WNDU (NBC) South Bend, IN [386.52 miles]  
0707 RF36 WLNS (CBS) Lansing, MI [271 miles] (over top of Analog CITS from Hamilton!!!)  
0814 RF45 WDIV (NBC) Detroit, MI [221.53 miles]  
1545 RF28 WFUM (PBS) Flint, MI [222 miles]  
1917 RF16 WXXI (PBS) Rochester, NY [99 miles]  
0008 RF29 WTTK (CW) Kokomo, IN [451 miles]  
0021 RF31 WPXD (ION) Ann Arbor, MI [264 miles]  
0208 RF30 WRGT (FOX) Dayton, OH [386 miles]  
0226 RF50 WDTN (NBC) Dayton, OH [386 miles]  
0357 RF15 WEWS (ABC) Cleveland, OH [214 miles]

Monday Jan 18th:

As of 5am I was getting good results with WEWS on RF15, WKYC on RF17 and WQHS on RF34. I finally got to see sizable chunks of the newscasts on WEWS and WKYC! (This had eluded me in previous DXing with Cleveland.) By 6:30am I was exhausted and wrapped things up. I left my digital box on RF12 and Erie, PA's WICU came in sometime after I went to bed (saw it stored on the box after I woke up.)

0500 RF15 WEWS (ABC) Cleveland, OH [214 miles]  
0509 RF34 WQHS (UNI) Cleveland, OH [213 miles]  
0512 RF23 WVPX (ION) Akron, OH [228 miles]  
0556 RF17 WKYC (NBC) Cleveland, OH [212 miles]  
0637 RF16 WXXI (PBS) Rochester, NY [99 miles]  
---- RF12 WICU (NBC) Erie, PA [131 miles]

All in all, an amazing event and quenched my tropo thirst until another event comes!

Garth



# Western U.S. TV DX

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

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

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

## The Editor's Note

A decent amount of E-Skip kept February interesting in the plains, as well as Texas and the rest of the gulf coast states. Some activity even made it farther west, with reports of Es firing up into Arizona and Colorado around mid-month. We surely will take whatever we can get this time of year. As we head into March look for gulf tropo to start to fire up again and progress farther north as the weather begins to change.

### Dennis Park Smith

3605 Sam Remo Drive  
Santa Barbara, CA 93105-2523  
Tel: (805)687-7803  
Times 24-hour PDT

This report is for January 2010. Early this month on average, tropo was a tad better than last month, as noted at my & Don Voegel's places, along So-Calif coast to San Diego/Tijuana up to 200 mi/320 km. No other DX. (*var = variably*)

Dec31-Jan12 Var. poor-fair (calm, warm)  
Jan 13 None (some rain)  
Jan 14-16 Var. poor (calm, warm)  
Jan 17-27 None (RAIN!! Colder)  
[tr 24&25<sup>th</sup> nights poort, short durations]  
Jan 28-31 Very poor (calm, cool)

**Jan 5-7, 10, 12** tr my place, indoor ants  
KGTV d10 "10" SDiego ABC 175 mi SE  
(LAST times to see without local on d10)

Local K10PV-D (ex-K59CD) d10 "6" SBarb 4  
mi NE (xltr of KSBY d15 "6") San Luis Obispo  
NBC) testing Dec 22-24, then off, returned **Jan 12B**

**Jan 18** regular? 2130+ DON at his place  
KCET d28 "28" Los Angeles PBS 90 mi E  
New for Don (K28GY 28 SBarb tem poff)  
..I have not yet seen KCET d28...

Don & Julia V are in SBarb since late  
December, on annual trek from Bellingham  
WA. Don is trying a new Vizio 24" flat-screen.  
So far, thumbs down. It isn't quite as good for  
weak signals as his Insignia box or my LG flat-

screen. Menu is complex, it doesn't have  
update scan, and a scan takes 5 minutes.

Best of DX to All Dennis

### Fritze H. Prentice, Jr

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

Sporadic E's

Late January and early February has been in a  
deep freeze as E's DX goes. This quiet  
season only had two real openings for TV....on  
the second of February and also on the tenth.

No Canadians were logged this season, which  
is unusual considering this is the first winter  
season where low channels 2-6 are open in the  
SEARK. During the meat of the 2008-2009  
winter E's season, channels 2, 4, and 5 were  
occupied by locals and channel 6 had 3 pest  
stations within 150 miles.  
February 2 brought brief loggings of unid  
stations on channels 2, 3, and 4.

A new Mexican, XELN channel 4 was logged  
on February 10 at 7:41pm CST. This  
opening was stronger than the one on  
February 2nd. MUF was up to channel 6, but  
channel 2 was a mash-up of CCI, channel 3  
was somewhat less crowded. The best  
reception was on channels 4 and 5. A chance  
logging of XELN's flashed callsign was caught  
by accident.

## Tropo

Only one day stood out this past month, this was on January 22 when I logged several out of market DTVs airing the Hope For Haiti benefit. These stations were familiar relogs and common pests, however the catch of the night was a long-sought after target from Joplin MO-- KSNF-DT 46 ("16-1") locked briefly at 9:40pm CST (January 22). This was minutes after KSNF's "sister" station KODE 43 ("12-1") locked for a re-logging. Jefferson City religious station KNLJ 20 ("25-1") was a relog, but the furthest point north logged in January.

Most of January and February was cold and free of tropo and signal enhancements. I'm looking forward to warmer weather and the return of tropo even if it means yet another logging of KTBS or KSPR.

KSNF-DT was personal DTV log #161

### William Draeb

1304 Ellis St.  
Kewaunee, WI 54216

1/28/10

A bit of DX to report thanks to a brief warm-up during the middle of the month.

#### 1/4 Tr

1850 CHBX-2

Inversion caused by steam rising from relatively warm Lake Michigan. Temp outside in the teens.

#### 1/12 Tr

PM WWTW-DT 9  
Milwaukee 8, 25, 33, 34, 35, 46  
Madison 19, 50  
Wausau 7, 24

#### 1/13 Tr

AM Wausau 7, Rhinelander 16, Park Falls 36

WYCW-Tigerton  
CHBX-2

#### 1/15 Tr

1130 WPBN-DT 47 (new channel for them)

#### 1/16 Tr

AM Chicago, Milwaukee, Traverse City, Rhinelander  
2000 WNWO-49, WEAO-50, Ann Arbor-31, WKYC-17, WGTE-29, WQHS-34, WSYM-38, WKAR-40, WTVS-43, WUPW-46, WLAJ-51, WISE-18, WEYI-30

#### 1/17 Tr

0650 CFPL-10, CKLW-9 (tent.), unids-8, CKCO-13, CIII7-7, and WLLZ-LP 12 with RTN progs.  
PM WTTK-29, WFFT-36, and WISE-18

## Dave Pomeroy

2321 SE Libra Ct.  
Topeka, Kansas 66605-3505  
[davepomeroy@sbcglobal.net](mailto:davepomeroy@sbcglobal.net)

Not a lot of days of DX over the past couple of months, but some good openings on both digital and analog.

November 21, 2009

Tr 0015 WTJR-32 Quincy, IL  
0020 KCWI-23 Ames, IA

January 15, 2010

Tr 0900 KSIN-28 Sioux City, IA  
0910 KMSP-14\* Minneapolis, MN  
KSMN-15 Worthington, MN  
KTIN-25 Ft. Dodge, IA  
0915 KSTP-30 Minneapolis, MN  
KBIN-33 Council Bluffs, IA  
(over local TBN-33 LPTV)  
0935 KCCI-8 Des Moines, IA  
10005 WCCO-32 St. Paul, MN  
KAAL-36 Austin, MN  
KIMT-42 Mason City, IA  
1035 KSTC-45 St. Paul, MN  
1400 KCWI-23 Ames, IA  
(KDMI on 23.1--virtual 19.1)  
1500 KSIN-28 Sioux City, IA  
2135 KMEG-39 Sioux City, IA  
2140 KDLT-47 Sioux Falls, SD  
2245 WISC-50 Madison, WI  
WKOW-26 Madison, WI  
WHLA-30 La Crosse, WI  
KRIN-35 Waterloo, IA  
2325 KCRG-9 Cedar Rapids, IA  
2330 WHA-20\* Madison, WI  
KYOU-15 Ottumwa, IA  
KYNE-17 Omaha, NE  
WMVT-35 Milwaukee, WI  
WLS-44\* Chicago, IL  
WBAY-23\* Green Bay, WI  
(500+mi.)  
KWQC-36 Davenport, IA

January 16

0000 WFRV-39\* Green Bay, WI  
WDJT-46 Milwaukee, WI  
KQTV-7 St. Joseph, MO  
WCGV-25\* Milwaukee, WI  
KWKB-25 Iowa City, IA  
(that would have been a jumbled mess on analog)  
0015 WYZZ-28\* Bloomington, IL  
KEYC-46 Mankato, MN  
WTJR-32 Quincy, IL  
0330 WGN-19\* Chicago, IL  
(decoded overnight on the Zenith box)  
0630 WMVT-35 Milwaukee, WI  
WDJT-45 Milwaukee, WI "CBS

58"  
2130 KSIN-28 Sioux City, IA

February 1  
Es 2110 UNID-2 CBC French



2130 CBMCT-4\* Chibougamau, QC  
(pretty low power--no CCI; CBC English)

February 2  
1145 UNID-2 Spanish

February 10  
1630 Spanish on channels 2-5  
1845 XEPM-2 Juarez, CH  
1850 XETV-6 Tijuana, BCN "6cw"  
1900 XHAQ-5\* Mexicali, BCN (TV Azteca)  
XHBC-3 Mexicali, BCN (tu canal)

Reception of XETV-6 was only the second time it has been seen here. Strange to hear English from the south on analog although I heard it earlier on what was likely XHRIO-TV from Matamoros. All U.S. stations listed are digital; all Canadian and Mexican stations analog. Thanks this month to Scott Fybush, Bill Hepburn and Danny Oglethorpe for ID help.

(I've attached photos of WBAY-23 and WMVT-35. WBAY-TV is over 500 miles.



**Lewis H. Kruger**  
SDSP – P.O. Box 5911  
Sioux Falls, SD 57118

Equipment:

13" Sansui DTV1300A television  
5 1/2" homemade loop antenna  
5 1/4" homemade rod antenna

Local Digital:

7 KTTW 7.1 FOX, 7.2 This  
11 KELO 11.1 CBS, 11.2 My Netowrk  
13 KSFY 13.1 ABC  
24 KCSD 23.1 PBS, 23.1 World, Create  
36 KWSD 36.1 CW, 36.2 RTV  
47 KDLT 46.1 NBC, 46.2 Universal Sports

Local Analog:

26 CPM KCPO-LP  
53 Daystar KSCB-TV\*  
56 TBN K56GF\*  
\*= reallocated frequency

DX catches:

1/3/10

1813 34 KUSD SD Vermilion 55 mi.  
infrequent; same as 23.1-23.3

1/4

0640 28 KSIN IA Iowa City 73  
uncommon; Iowa Public TV

1/15

1547 16 KTAJ MO St. Joseph 278  
decoded 16.1-16.5 calls, no video

1/18

0827 9 KCAU IA Sioux City 73 9.1  
ABC, 9.2 AccuWx 9; last seen on 2/17/09 RF  
30

1904 22 WOWT NE Omaha 163 6.1  
NBC, 6.2 Universal Sports

1924 20 KEVN NE Omaha 163 7.1  
NBC, 7.2 Weather Now

1937 45 KMTV NE Omaha 163 3.1  
CBS

1939 38 KXVO? (only 38 ever received)

1940 43 KPTM NE Omaha 163 42.1  
FOX, 42.2 A1/My Network, brief

1/23

1200 42 KAUN SD Sioux Falls analog  
shut off

1200 44 KCWS SD Sioux Falls analog  
shut off

1/30

1251 51 KWSD SD Sioux Falls went off  
to move to RF 36

1842 36 KWSD SD Sioux Falls came  
back on RF 36

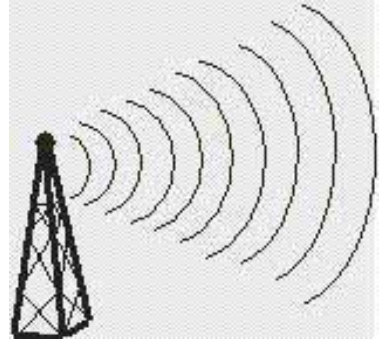
1850 36 KWSD SD Sioux Falls back off  
again

2024 36 KWSD SD Sioux Falls 36.1  
CW only

2028 36 KWSD SD Sioux Falls both  
36.1 and 36.2 on

I was very surprised by 16 KTAJ. I never imagined I would get Omaha let alone Missouri. Analog stations 25 PBS K25AA Rock Rapids, IA and 40 NBC K40FZ Brookings, SD are very rare. From Sioux City, IA, I regularly get 39 CBS KEMG (14), 41 NBC KTIV (4), and 49 FOX KPTH (44). Other distant Iowa stations received are 33 PBS KBIN (32) Council Bluffs and 35 PBS KHIN (36) Red Oak. Those do not show up often much like 19 PBS KXNE from Norfolk, NE. Most of the stations above were caught in July and August of 2009. I have not seen 15 PBS KSMN (20) from Worthington, MN since 2008. I anxiously await the completion of their new facilities in the near future.

# 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.***

**Mike Bugaj – 69 Sherman Road – Enfield, CT 06082 APS13 and XDR-F1HD**

New are underlined. The little PI code board mod on the XDR-F1HD is working nicely.

2/1 Es					
0926	WRLX	92.1	West Palm Beach	FL	RDS PS=Mia FM
0928	WZZR	92.7	Riviera Beach	FL	Real Radio
0930	WRTO	98.3	Goulds	FL	
0934	WKGR	98.5	Ft. Pierce	FL	RDS PS=98.5THEGATOR
0934	WAFC	99.5	Clewiston	FL	RDS PS=LaLey 99.5
0940	WCZR	101.7	Vero Beach	FL	Real Radio
0940	WMBX	102.3	Jensen Beach	FL	RDS PS=WMBX
0945	<u>WQOL</u>	103.7	Vero Beach	FL	Calls
0945	WEAT	104.3	West Palm Beach	FL	Sunny104.3
0949	<u>WAOA</u>	107.1	Melbourne	FL	A1A
1000	WGCV	90.1	Ft. Myers	FL	NPR for SW Florida
1015	WAVW	92.7	Stuart	FL	Wave 92.7
1018	WLLD	94.1	Lakeland	FL	RDS PS=WILD94.1 ex-WSJT
1020	WCFB	94.5	Daytona Beach	FL	RDS PS=STAR94.5
1025	WJKD	99.7	Vero Beach	FL	JACK FM
1029	WJHM	101.9	Daytona Beach	FL	R & B
1032	WRBQ	104.7	Tampa	FL	Q105 Tampa Bay's Greatest Hits
1035	WOMX	105.1	Orlando	FL	Mix 105.1
1037	<u>WFUS</u>	89.1	Gulfport	FL	US103.5
1056	<u>WLAZ</u>	89.1	Kissimmee	FL	Kissimmee housing info in Spanish
1113	WUFT	89.1	Gainesville	FL	RDS 8a0d
1114	<u>WJUF</u>	90.1	Iverness	FL	RDS 6e79
1115	WKES	91.1	Lakeland	FL	RDS 6f8a
1117	WMFQ	92.9	Ocala	FL	Big 92.9
1117	WWRM	94.9	Tampa	FL	Magic 94.9
1121	WJGL	96.9	Jacksonville	FL	RDS 6d13 96.9 The Eagle
1122	WSUN	97.1	Holiday	FL	RDS 8645, 97X
1123	WWRZ	98.3	Ft. Meade	FL	RDS a993
1129	WSOS	94.1	Fruit Cove	FL	Sunny 94.1
1859	WAAG	94.9	Galesburg	IL	RDS 54ae
1901	<u>WBOI</u>	89.1	Ft. Wayne	IN	ID with calls
1914	KDHX	88.1	St. Louis	MO	RDS 18b9
1916	<u>WCIC</u>	91.5	Pekin	IL	RDS 5ac2
1933	KRES	104.7	Moberly	MO	Missouri Lottery RDS 3de5
1933	WFMB	104.5	Springfield	IL	Country, RDS 6315
1944	<u>WZPW</u>	92.3	Peoria	IL	RDS 9848, Peoria Election
1947	<u>WEAI</u>	107.1	Lynnville	IL	RDS 5f40 107.1 the Eagle
1951	<u>WPWQ</u>	106.7	Mt. sterling	IL	The Oldies Superstation covering 5000 sq. miles
1957	WQOL	101.9	Springfield	IL	Illinoissolarplan.com
2000	KTTM	92.3	Trenton	MO	calls

(Note: Keith will have his usual column back next month. Nice to see two Es events on the first of February. Amazing!)

# 6 Meter/2 Meter Amateur DX



50 Mhz  
The *Magic* Band



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

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## Just When You Least Expect It...

I had almost given up hope. Those of us who love the 6 meter band (50 MHz) have been waiting – in vain, some thought – for the new solar cycle, Cycle 24, to get going in earnest. But, finally, it appears things *may* be heating up.

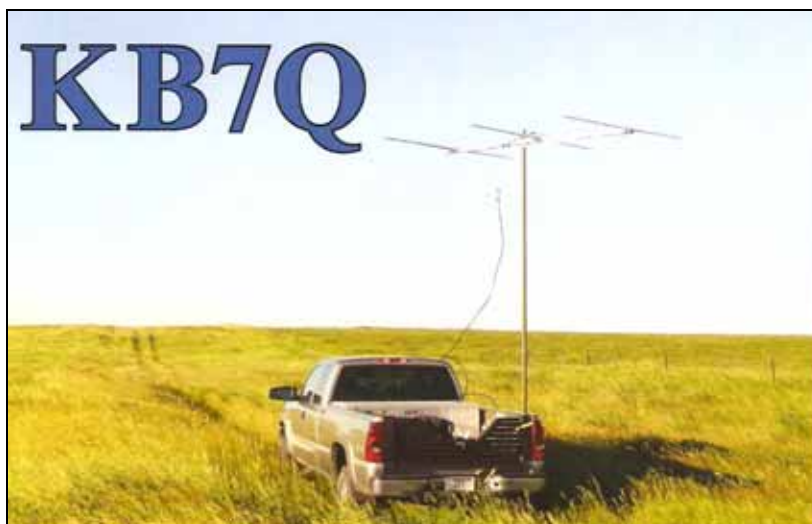
As we all know, the Sun, our local star, goes through a long cycle of varying activity. A complete cycle – from peak-to-peak or trough-to-trough – usually runs about eleven years. But that eleven-year mark is approximate; the Sun follows its own clock, as we see with the late start to Cycle 24.

This solar minimum has been long and deep. The face of the Sun has been virtually clean, nearly void of sunspots for well over a year. Thus, the solar flux index (“SFI”) has been low, which is bad news for those of us who pine for the days of high SFI and the rare 6 meter F2-layer openings that result.

Over the past few weeks, clear changes have been afoot. A series of rather impressive Cycle 24 spots have transited the Sun. As I type, two very impressive sunspot groups are evident in the Sun’s northern hemisphere, and another robust set has just rotated to the Sun’s far side. Meanwhile, solar flux, which had fallen into the low 60s at solar minima, has risen into the mid-90s. In fact, one set of measurements even saw a very brief run to just over 100.

Certainly, an SFI of nearly 100 is a very good sign, but we are well short of where 6 meters might start getting active with super long distance F2 signals. Most agree that F2 MUFs to 50 MHz require SFIs approaching 200 or better. That’s still a long way off. We can, however, see the effects of increasing SFI *below* 6 meters. Over the past few days, 10 meters (28 MHz) has really improved. F2, which has been almost totally absent on the band for a couple of years, is back. Paths across America and paths into Latin America are easy to work. Signals are strong with even very modest equipment. It’s nothing like what we can expect at peak with Europeans at S9+ being a daily event, but it’s a very, very good sign, and fun to work. At 50 MHz, the new activity has brought a few minor aurora openings. 6 meter beacons have been bouncing around Canada and the northern tier of US states.

So, here’s to our Sun and its new-found activity. Maybe in the next year or two, the heady days of 6 meter F2 will return at last.



# THE AZORES ON 2 METERS?

BOB COOPER



## The Azores Challenge

This is circa 1992 but in fact the roots go back to 1957 or 1958. When Ed Tilton (amateur W1HDQ) suggested to Huge Gernsback, publisher of Radio Electronics from the dawning days on the 10s (that would be 1910s) that I replace him as 'TV-FM DX Editor' for Radio Electronics in 1956, my life took a new turn; I was 18 at the time. Tilton was the 'World Above 50 Mc/s' editor at QST and the ARRL (American Radio Relay league) bosses decided Tilton should not be writing for another publication; even if the subject had nothing (or very little) to do with amateur radio. Tilton had visited in my home in 1956 (Fresno, Ca.) and did his best to convince my father "Bob would be best served if he went to University and obtained his EE degree." My parents agreed with Ed, and so off I went in 1956. By 1958 I would be re-enrolled at San Jose State in Journalism but that is another story.

It was in 1957 or 1958, my memory dims, when as 'TV-FM DX Editor' for Radio Electronics I received a lengthy letter from an American Air Force chap living on the Portuguese island of Terceira in the Azores. He had come home one day during June to a complaining wife who said their local AFRTS (Armed Forces Radio and Television Service) FM station, operated by the staff at (the American) Lajes Field on Terceira, was being blocked out by 'strange signals'. The letter writer was a ham and his FM radio, to receive AFRTS-Lajes, was nothing more complex than a table set with a whip antenna. Upon investigation he found dozens of FM radio stations all over the dial, stable and clear; over a few hours he identified the signals as originating over an area from southern New Jersey to Boston and above. As a ham from California, W6-something which I have mis-

placed, he knew and understood 'DX' when confronted with it. The distance in statute miles exceeded 2,200 for any of these signals and they lasted for hours, then several days. I was naturally totally intrigued by this report.

Fast forward to 1992. My wife Gay (amateur VP5GG/ZL1GG) and I (K6EDX/ZL4AAA) were arriving on Terceira in early June. We had flown first to the USA, then to London where we purchased some antennas (10m, 6m, 2m) to go with our from-New Zealand 10-6 and 2m 100 watt transceivers. Then we flew to Lisbon with the growing pile of baggage, and headed the next day to the Azores. We wanted to land in Terceira, one of 17 Azores islands but the airline (Air Portugal or something similar) would only take us to San Miguel. In advance I had communicated with an Azores amateur and he assured me in fax messages I could operate as CU2/K6EDX on 10, 6 and heaven forbid 2 meters. In our luggage I also had a triple-standard 14" TV set purchased in London and a Heathkit AJ-15 FM tuner along with a London-sourced log-periodic antenna which claimed it would resonate from 50 to 500 MHz.

The objective was to spend 30 days in the Azores, operate on 10/6/2 meters and pay close attention to the possibility that the FM band reception experienced back in 57/58 might repeat while we were there. If it did - well - we would make an effort to contact North America on 144 MHz. A guy with a table top radio experiencing full FM band stereo reception at sea level at the Lajes Field American base living quarters from America seemed like a pretty good indicator of what we might expect. Nobody had yet made a two meter contact from Europe (the Azores so qualifies) to North America and perhaps we could do it.

The Air Portugal (or whatever) plane did not go to San Miguel after all; bad weather interceded and we ended up on Terceira in the middle of a downpour. The airline told us they would attempt to get us to San Miguel the next day and we declined; we were by accident where we really wanted to be in the first place!

Two days later we had made contact with Jamie Eloy (CU3AK) because his house displayed a tri-band beam at roof level, had rented a car, and found a one-month rental at Biscoitos on the north shore of Terceira. Two more days and Gay and I had a 3 element ten meter beam, a five element six meter and an 11 element two meter stuck on some second hand pipe at the rental house. Just in time for a major solar event that shut down every HF

(high frequency) band and turned six meters into a white noise experience. In our rental car, from our +50' sea level rental home, we wandered about ending up on a plateau that tops Terceira at 2,000+ feet where I discovered the FM set in the car was absolutely overloaded with Portuguese and Moroccan and Gibraltar FM stations. It was our first but hardly last experience with the 900 mile 'eastern path' which under the influence of a stable high pressure area just seemed to be 'open' 24 x 7. The interesting thing here was that at our almost-sea level location there was no sign of this reception; height counted for something. Alas, nothing that spoke English save for the Gibraltar UK Forces Service. Nothing from the USA.

As the solar event sub-sided 50 MHz appeared; first there were Europeans (in their thousands all anxious for a CU3 QSL card) and then VE1s in Nova Scotia quickly followed by the entire Eastern seaboard from approximately Virginia north. Now we had something, or so we thought. Six meters would open for hours, our triple-standard TV set using the questionable log antenna, displayed pictures as high as American channel 4 and I quickly tired of watching Boston's WGBH with heavy co-channel from WCBS on channel two. One might think that 2,300 mile reception would never become dull; trust me, it does.

This went on for days, usually around 4pm-7pm local time but on some days when I turned on the gear at 7am there would be WGBH - again. Over the course of 24 days (we lost the first few due to the solar event) WGBH was there 15. On (very) rare occasions it would be replaced with channel 2 (and 3 and once 4) further inland - WLWD Dayton (3,005 miles) was seen several times along with WJBK Detroit. The best of the best was KJRH Tulsa (3,662 miles) briefly one late afternoon; triple hop sporadic E I suspect. FM? Once - briefly - from the USA, most certainly double hop Es, from a New Jersey coastal station. Alas, nothing that even came close to 'table top radio with a whip' reception as the chap reported in the 50s. On 50 MHz we worked New Mexico at about the same time as Tulsa was in on channel 2, the furthest west penetrated in the days we were on Terceira.

In the opposite direction, east, life was continuously busy. As an aside project, bored with what was happening to the west, I elected to attempt to pin down the exact (as in to the nearest ten hertz) frequency of the more than 50 USSR TV stations operating on 49.75 MHz. By measuring as best I could with the ham transceiver (an ICOM IC-575H) the Russian TV carriers, plotting these measurements (such as 49.7508) against the amateur and FM band signals I was hearing (hundreds, more, from

Europe simply poured in on Es) a list of 'probable locations' for these mysterious Russian 49.75 (nominal) TV transmitters was created. On six meters / 50 MHz, more than 50 countries were worked in that less than month period.

Two meters? In the middle of a strong Es opening I briefly heard a Gibraltar station - once; we did not complete a contact although whenever six was open to Europe and I had a band filled with non-English (or British) FM signals the 100 watt two meter rig was transmitting.

Jamie Eloy, CU3AK, would turn out to be a treasure. His uncle worked at Lajes as a trained meteorologist with more than a decade of experience. His access to records covering the 50s was unlimited and we spent hours and hours going through the faded and filed maps for 'North Atlantic Weather' during the mid 50s through to 1960. He understood precisely what I was looking for, and dragged out map after map showing 'The North Atlantic High' stable and unmoving for days on end, enveloping the entire area from the American coast to Terceira. "Many years, from late May until early July, it is one continuous non-moving high pressure area" he explained. "But not this year." I had chosen the wrong year to be there. "This year it is a much smaller stable high sitting between here and the Spanish and Portuguese coast" he explained with current maps. I told him how this affected VHF (and UHF) propagation and he in turn brought out isosonde soundings for the last few weeks. Sure enough - there it was, at least for the east end of Terceira where the balloons were launched; at around 2,000 feet, a sharp temperature jag in the readings, followed at 2,500 by a moisture jag. To anyone who understood how two meter and higher frequency signals traveled from Hawaii to California, it was a lesson in "here too". And it totally explained why in driving to 2,000+ feet on the Terceira 'plateau' with our car instantly produced the FM band filled with Spanish and Moroccan stations. Alas, it was in the wrong direction for our intended North American reception.

So what had we proven? Not much save the Azores has incredibly nice people and delightful seafood and if we had been smarter a direct flight from Boston (once a week at that time) would have saved us huge dollars and endless hassle as we attempted to move our far over limit baggage half way around the world. The Azores is still there, and the challenge to reach North America on two meters remains.

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## CHROMSTAR 2000



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The VHF 82 channel preamps feature a selectable FM trap that reduces FM signals (88-108 MHz) -15 dB to prevent overload from strong local stations, and a tunable FM trap that reduces a 3 MHz band width by -12 dB. Both are adjustable — selectable without opening the housing.

Transistor burnout is virtually eliminated with specialized circuitry featuring an ultra-fast recovery diode that protects against lightning-caused pulses. Operating temperatures are -40° to +140° F.

Surface mounted components are 1/10th the size of leaded components resulting in a more compact amplifier. The components are fastened more securely to the printed circuit board with little chance of breaking loose during shipping or severe weather. 117 VAC UL and CSA approved power supply is included. (Does not include F-connectors.) U.S. Patent No. D335,887, D358,365, 5,515,240 (Power supply housing design)

AP-47XX is the same as AP-4700 without power supply

AP-48XX is the same as AP-4800 without power supply

AP-87XX is the same as AP-8700 without power supply

AP-878X is the same as AP-8780 without power supply

MODEL	INPUT		OUTPUT	AVERAGE GAIN		AVERAGE NOISE FIG.		MAXIMUM TOTAL INPUT# (MICROVOLTS)	
	VHF	UHF 82 CH.		VHF	UHF	VHF	UHF	VHF	UHF
AP-2870	75	75	75	17 dB	19 dB	2.9 dB	2.9 dB	110,000 µV	93,000 µV
AP-2880	75	75	75	29 dB	19 dB	2.9 dB	2.9 dB	29,000 µV	93,000 µV
AP-3700	75	or 75	75	17 dB	By-Passed	2.6 dB	N/A	110,000 µV	N/A
AP-3800	75	or 75	75	29 dB	By-Passed	2.9 dB	N/A	29,000 µV	N/A
AP-4700		75 or 75	75	By-Passed	19dB	NA	2.9dB	NA	93,000 µV
AP-4800		75 or 75	75	By-Passed	28 dB	N/A	2.7 dB	N/A	30,000µV
AP-8275		75	75	29 dB	28 dB	2.9 dB	2.8 dB	29,000 µV	30,000 µV
AP-8283		300	75	29 dB	28 dB	2.9 dB	2.8 dB	29,000 µV	30,000 µV
AP-8700		75	75	17 dB	19 dB	2.8 dB	2.8 dB	110,000 µV	93,000 µV
AP-8703		300	75	17 dB	19 dB	3.9 dB	3.9 dB	110,000 µV	93,000 µV
AP-8733	300	300	75	17 dB	19 dB	3.9 dB	3.9 dB	110,000 µV	93,000 µV
AP-8780		75	75	17 dB	28 dB	2.9 dB	2.7 dB	110,000 µV	30,000 µV
AP-8783		300	75	17 dB	28 dB	3.9 dB	3.9 dB	110,000 µV	30,000 µV
AP-8800		75	75	29 dB	19 dB	2.7 dB	2.8 dB	29,000 µV	93,000 µV
AP-8803		300	75	29 dB	19 dB	3.9 dB	3.9 dB	29,000 µV	93,000 µV
AP-8833	300	300	75	29 dB	19 dB	3.9 dB	3.9 dB	29,000 µV	93,000 µV

Output capability is stated for 7 VHF and 5 UHF channels at -46 dB cross modulation.



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## Radio, TV stations affected by winter storm

Home / News / North Dakota News

Posted: Monday, January 25, 2010 5:25 pm

Ice and frost buildup damaged transmitters and interfered with broadcasts for some radio and TV stations over the weekend.

Bismarck's KKBO, broadcasting as BOB FM 105.9, is off the air until the station can repair the roof over its transmitter, located near St. Anthony. Ice falling from its tower crashed into the structure, exposing the transmitter to the weather.

"We've seen 8-foot sheets drop like a stabbing knife," said station manager Dawn Smart. The station will be available only on the Internet until they can repair the damage, which could take weeks, she said.

The general manager of Clear Channel's six local radio stations said the stations were operating at reduced power because ice and snow had damaged transmitters near Baldwin. Two stations were not able to broadcast over the weekend.

"It builds up and builds up and when it starts warming up it starts falling down," said manager Bob Denver.

Gary O'Halloran, owner and manager of Fox 26, said that crews would be working on the TV station's equipment near St. Anthony and that they would use other Fox feeds until the weather allowed workers make repairs.

— Christopher Bjorke



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Sorry, but no hard copy of this publication is available.

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