

# VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JANUARY 2013

The Magazine for TV and FM DXers



Beginning  
OUR 45th YEAR  
Serving  
TV/FM DXers

Ode to Dxing - Paul Mitschler



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# THE WORLDWIDE TV-FM DX ASSOCIATION

Serving the UHF-VHF Enthusiast

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



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JANUARY 2013



Welcome to the January VUD! This issue marks the 45<sup>th</sup> anniversary of the WTFDA! TV and FM Dxing has changed considerably since the club began in 1968. DXing is much harder now but we've got more tools than ever to help deal with it. Let's hope that OTA television stays around for at least ten more years and that IBOC becomes less plentiful in the urban and suburban areas where many of us live.

all members. Some WTFDA members who use neither the email list nor the forum site use Facebook instead.

The Facebook group is here to stay along with the email lists and the WTFDA Forums, so participate in whatever form you want. It's all good.

### MEMBERS AND MORE

This month we have renewals from **Marv Shults, Randall Trapp, Ed MacDonald, Matt Sittel, Bill Nollman, Richard Nelson, Russel Lay, Juan Gualda, Gary Olson, John Rieger, Lewis Kruger, Adam Rivers, Rick Shaftan, John Jefferson, Chris Lucas, Tom Bryant and Ed Norris**. Thank you all for staying with the WTFDA! Every one of you counts!

### AND OTHER STUFF

Lewis Kruger writes "I really enjoy the VUD. I contemplated not continuing a subscription but I just love it so much. It also helps that you do work with me the way you do."

*Thanks, Lewis! I've never had a problem bending the rules a little to accommodate our members and if you really want to be here, we'll do what it takes to see that you are here.*

Juan Gualda rejoins after a short absence. He's active with AM and FM radio, DTV and holds the ham callsign of KBOGXM. Welcome back!

John Demmitt writes "You've got a great publication that is packed with interesting information. My enthusiasm for the hobby has grown greatly thanks to WTFDA."

*And thank you John!*

That's it for January. Happy New Year everybody and we'll go over the club stats and finances next month. See you then. -Mike



### WTFDA ON FACEBOOK!

Since December 1<sup>st</sup> the WTFDA now has a group on Facebook! It's an interesting group and all WTFDA members with Facebook accounts are invited to join. Login to your Facebook account and type WTFDA (all upper case) in the search box and our group will appear. Then just click "join group". It's a closed group just for WTFDA members and currently we are approaching 55 members.

Like it or not, there are quite a few DXers using Facebook. Facebook groups combine the best features of email lists and forum software with the ability to place photos, audio files and links on a page visible to all members along with email notification of all new posts to



# 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>

**January 2013**

## Abbreviations:

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

## News:

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



### Puerto Rico

Mayaguez 5 W05CY PR>3kw, 18-09-03/  
66-59-21; PG



### USA



### Alabama

Decatur 35 W35DG NW 2.6kw  
34-16-10/  
86-53-56  
Mobile 30 W30BX CX (aka W52BF)



### Alaska

Anchorage 35 KCFT-LP DC 15kw



### Arizona

Kingman 23, K23FV, DG 750w/ 1.03kw/  
41, K41FT, 1.2kw

Kingman 44 K44DK  
 48 K48AY DG  
 Prescott 30 K30JD DG from K09KV,  
 1.2kw, 34-29-25/  
 112-32-00  
 Yuma 17 K52EG DC from 52, 6.15kw



### Arkansas

El Dorado 21 KCIB-LD PR>8.1kw  
 Fulton 26 KZTE-LP DR from 64, 15kw, 33-  
 25-13/  
 94-04-42; DG



### California

Eureka 29 KECA-LP DR 15kw, 40-43-39/  
 123-58-17; DG  
 Eureka 35 K35LF DR from K52FK, 15kw,  
 40-43-36/  
 123-58-27; DG  
 Fresno 30 KFSN-TV PR>400kw  
 Los Angeles 22 KFLA-LD QR from 8 dismissed  
 Los Angeles 22 KMRZ-LD QC from 55, 8kw  
 Los Angeles 34 KMEX-DT PC>500kw  
 Oxnard 25 KSKP-CA CX  
 Redding 30 K52JT DC from 52, 1.52kw  
 San Diego 25 KTCD-CA DC from 17, 15kw, 32-  
 50-20/  
 117-14-56



**Colorado**

Boulder	48 K11QJ	DC from 11, 15kw, 39-57-36/ 105-12-45
Colorado Springs	26 KTLO-LP	DR from 49, 15kw
Colorado Springs	38 KJCS-LD	PG>5.48kw, 38-46-22/ 104-59-34; PC
Crested Butte	28 K28KU	NW 15kw, 38-54-11/ 106-58-23 (CBTV)
Denver	35 KCNC-TV	<b>AF 950kw/ 324m (aux)</b>
Fort Collins	24 K24JW	PG<100w; NW
Fort Morgan	20, K20KE, 25 K25LA	PR<100w; PG; NW
Grand Junction	22 K22JN	NW 4kw, 39-03-59/ 108-44-41
Grand Junction	35 KKCO - 1029ABI	NS 12.9kw, 38-52-38/ 108-13-37; DRT for ch. 12
Gunnison	22 K22JM	NW 15kw, 38-31-41/ 106-54-14 (CBTV)
Jacks Cabin	38 K38LK	NW 15kw, 38-42-47/ 106-48-36 (CBTV)
La Junta	35 K35DZ	DG 134w
Las Animas	40 K40DP	DG 134w
Rocky Ford	39 K39ED	DG 134w
Ted's Place	33 KTDS-LD	NW 1kw, 40-53-42/ 105-11-38
Woodland Park	33 K33EW	DG 134w



**Connecticut**

Stamford	19 W19EH	DG from W27CD, 6.05kw, 40-45-26/ 73-42-52
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**Florida**

Big Pine Key	6 W06CW	DR from W57AM, 3kw, 24-34-05/ 81-44-54
Crystal R. Melbourne	32 WGCT-LD 29 WMVJ-CA	CC from W32DI DC 15kw, 28-02-49/ 80-40-34
Tampa	45 WTBT-LD	CC from WGCT-



**Georgia**

Athens	26, W18EB-, 50 W16DD-	QR from 18 & 16, 4.33kw/ 4.71kw, 33-59- 18/ 82-53-39
Gainesville	32, W32DT, 48 W48DR	PR<473w; PG; NW
Gaineville (sic)	15 WGGD-LP	DC from 23, 15kw, 34- 07-47/ 83-55-56
Toccoa	24 WUGA-TV	<b>XR 34-36-35/ 83-22-15</b>



**Idaho**

Pocatello	17 KISU-TV	DTS on the air – adds second transmitter at 42-52-01/ 112-30-48 just west of town, with 132w/ 281m.
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**Illinois**

Aurora	50 WXFT-DT	PG 365kw/ 417m, 41-53-56/ 87-37-23
Quincy	47 KZSL-LP	DR from 52, 39-20-11/ 91-12-12



**Indiana**

Kokomo	12 WKGK-LP	AF 3kw, 40-26-58/ 86-04-57; DCC for ch. 50
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**Iowa**

Des Moines	8 KCCI	AF 38.9kw/ 155m, 41-35-35/ 93-37-48 (aux)
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**Kansas**

Salina	15 K15CN	DG 15kw, 38-58-29/ 97-04-23
Salina	51 KHDS-LP	DC 15kw



**Louisiana**

Alexandria	24 NEW-lpdtv	AF 15kw, 31-14-15/ 92-27-48 reinstated (EICB-TV East)
Shreveport	42 K42FE	DG 15kw



**Massachusetts**

Boston	45 WCEA-LD	DC from 58, 15kw, 42- 20-57/ 71-04-31
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**Michigan**  
 Mt. Pleasant 18 WBWM-LD AF 5kw, 43-24-23/  
 85-04-43; DCC for  
 analog ch. 32  
 Sault Ste. Marie 28 W67CS DC from 67, 465w, 46-  
 26-25/  
 84-22-37  
 Traverse C. 46 W46AD CX



**Mississippi**  
 Laurel 38 W68DX DR from 68, 1kw  
 McComb 49 W49ED PG>2kw, 31-02-35/ 90-  
 29-55  
 Pascagoula 51 WGUD- DC 500w



**Missouri**  
 Kansas City 29 KMBC-TV NS 91.2kw/  
 283m (aux)  
 Kansas City 31 KCWE NS 89.1kw/  
 283m (aux)  
 St. Joseph 30 K30ND PR<750w, 39-45-00/  
 94-50-25; PG; NW



**Montana**  
 Heron 6 K06QF NW 50w, 47-57-18/  
 115-40-11 (KXLY)  
 Hot Springs 18 K45DQ QR from 45  
 Kalispell 25 K25KZ NW 1.5kw, 48-00-40/  
 114-21-48 (EICB-TV)  
 Kalispell 42 KTMF-LP DC 2.4kw  
 Kalispell 46 KUKL-TV NW 23.4kw/  
 830m, 48-00-48/  
 114-21-55 (PBS, //  
 KUFM-11)  
 Pipe Creek 10 K10LL DG 5w  
 Quartz Ck. 11 K11MF DG 5w



**Nebraska**  
 Omaha 25 K61GA DC from 61, 14kw, 41-  
 18-16/  
 96-01-41  
 Superior 4 KSNB-TV RA 23.5kw/  
 271m, 40-45-07/  
 97-27-04



**Nevada**  
 Caliente 2, 9, K02JO, DG 4/ 14/ 40/ 40/  
 11, K09FL, 240w, 37-37-18/  
 13, K11CN, 114-30-29  
 45 K13LV,  
 K45AL  
 Panaca 4, 6 K04HF, DG 9/ 60w, 37-27-34/

K06DM 114-27-57  
 Panaca 41 K41MY XG 37-27-51/  
 114-28-12  
 Panaca 43 K43DS DG 1.2kw, 37-27-34/  
 114-27-57  
 Pioche 3, 9, K03CM, DG 27w/  
 11, K09FJ, 14w/  
 13, K11IV, 14w/  
 45 K13PU, 13w/  
 K45AO 227w  
 Reno 4 KRMF-LD PR>2.93kw, 39-35-04/  
 119-48-07; CC from  
 K04QY  
 Silver Springs 22 K56IG DC from 56, 6.81kw,  
 39-29-17/  
 119-17-48; CL from  
 Nixon  
 Ursine 2 K02EG DG 13w



**New Hampshire**  
 Nashua 33 WORK-LP CC from W33AK  
 West-moreland 15, NEW-lpdtv AF 1kw, 43-05-38/  
 20, 72-19-03 reinstated  
 38,  
 44



**New Jersey**  
 Secaucus 38 WWOR-TV PR 355kw/  
 439m



**New Mexico**  
 Artesia 46 K46FE DC 400w  
 Carlsbad 47 K47FX DC 400w  
 Hobbs 27 K27GL DC 1.5kw  
 Las Cruces 42 KAEP-LP DR 350w reinstated  
 Silver City 28 K28GK CX



**New York**  
 Albany 44 W58CX DC from 58, 9kw, 42-  
 38-13/  
 74-00-05; CL from  
 Saratoga Springs  
 Kinderhook 15 WNYA-CA PR<54kw, 42-22-20/  
 73-58-08; PG



**North Carolina**  
 Concord 44 WUNG-TV NS 422kw/  
 232m (aux); NW



**Oklahoma**

Durant 5 KXDA-LP DC from 64, 3kw, 33-30-06/96-36-48



**Oregon**

Portland 48 KOPB-TV NW 1kw, 45-29-25/122-41-45; DRT for ch. 10

Powers 32 K32JL NW 554w, 42-54-59/124-04-40 (Powers TV Translator)

Reedsport 2 K02NW CX  
Sutherlin 31 K31AE DG 3.8kw; DC



**Pennsylvania**

Bedford 29 WJAC - PR>12kw, 40-11-55/1120ADP 78-41-00; PG

Butler 17 WJMB-CD PR<1kw, 40-37-11/80-05-36 dismissed

Pittsburgh 26 W26DQ DG from W61CC, 15kw

Pittsburgh 61 WOSC-LP CC from W61CC



**South Carolina  
Greenville**

16 WGGS- PG>550kw



**Tennessee**

Chattanooga 6, WOOT-LP CX  
38

Jackson 43 WBBJ-DT CX (aux only, main remains valid)

Knoxville 7 WKNX-TV CC from WMAK  
Olive Hill 25 W30DF QR from 30, 15kw



**Texas**

Amarillo 28 KEAM-LP DR from 61, 15kw, 35-12-27/101-50-20

Amarillo 29 K29GD PR<500w, 35-12-27/101-50-20; PG

Amarillo 32 KYWF-LP DR from 52, 15kw, 33-53-51/98-32-32; CL from Wichita Falls

Beaumont 50 KOPS-LP CC from K50LH  
Bledsoe 23 KZJW-LD NW 1.318kw, 33-35-25/103-01-55 (James Edwin Whedbee)

Corpus Christi 3 KLAO-LP DR from 43, 100w, 27-47-59/97-23-30; DG

Corpus Christi 38 KFCC CC from KUQI  
Fort Worth 9 KFWD NW 546w/527m, 32-35-06/96-58-41 (aux)

Fort Worth 19 KTVT AF 695kw/500m (aux)

Fort Worth 19 KTVT QC from 11, 1000kw/534m, 32-32-36/96-57-32

Georgetown 16 KADT-LP DC 5kw, 30-51-32/97-35-21; CL from Killeen

Houston 20 KQHO-LP DC from 56, 3.7kw, 29-45-36/95-21-49; CL from Baytown

Laredo 14 KNEX-LP DR from 55, 13.1kw, 27-31-12/99-31-19

Lubbock 14 KMYL-LP CX

Lufkin 29 KFXL-LP DC 15kw

Mineral Wells 15 K47NT QR from 47, 32-51-05/98-06-31

Odessa 9 KWES-TV NW 94.4kw/391m

Odessa 36 KZOD-LP DR from 62, 100w, 31-50-53/102-23-13; DG

San Antonio 23 KTDF-LP DR 7kw

Texarkana 41 K41EQ DG 10.2kw

Tyler 48 KTPN-LP DC 15kw, 32-21-52/95-16-20

Victoria 28 KUNU-LP DG from 41, 8kw, 28-50-42/97-07-33; PG>15kw



**Utah**

Cedar City 32 K32IY NW 120w, 37-35-57/112-51-23 (KUPX)

Canyon 32 K32JA NW 140w, 39-19-18/111-46-11

Mantia 12 K12QR NW 100w, 38-23-08/112-19-57

Marysville 18 K18IV NW 10w, 39-32-22/111-23-17 (KUPX)

Mt. Pleasant 17, NEW-lpdtv NW 794w, 37-03-48/113-34-01

St. George 40 27 NEW-lpdtv NW 854w, 40-45-16/114-01-10



**Vermont**

Manchester 2 WVBK-CA DR 1.56kw, 42-58-28/72-36-10; DG



**Virginia**

Harrisonburg 23 NEW-lpdtv AF dismissed (DTV America)

Onancock 14, W14DY, CX

Onancock 34 W34DN

Onancock 25 W25AA DC 7.9kw



Washington  
Sunnyside 28 K28KW PG>4kw, 46-19-49/  
120-02-10  
Yakima 38 K38OI NW 6.8kw, 46-31-57/  
120-29-45



West Virginia  
Morgan-town 33 WNPB-TV PC>168.3kw



Wisconsin  
Sturgeon Bay 22 WKT1-CA CC from W22BW

We have a rarity this month: a completely new full-power station! I doubt it will be very widely DXed though; Kalispell, Montana is not the center of tropo country, and on channel 46 we're not going to be seeing KUKL-TV via Es or meteor scatter...

KSNB-4 has been reported mostly dark for some time. They filed some paperwork with the FCC suggesting carriage of the 3ABN religious network, but I don't think anyone actually saw 3ABN programming. That may have been due to operation under Special Temporary Authority with only 216 watts to a 17-foot tower. (?) Or it may have been due to VERY intermittent operation.

Anyway, the station now has received a license-to-cover to move to the KTMX-FM tower near York, with 23.5kw/271m.

KGIN-11/KOLN-10's owners have an agreement to purchase KSNB. However, this purchase would not normally be permitted by FCC rules. (there are not enough separately-owned stations in the Lincoln market to allow common control of two stations) A waiver has been requested, on the grounds that KSNB is a failing station that cannot survive economically on its own. I would be surprised if the waiver is denied.

Wikipedia reports KSNB is currently carrying Antenna TV on both 4.1 and 4.2. Rumor has it the My Network TV programming currently airing on KOLN 10.2 will move to KSNB 4.1 once the FCC approves transfer of the KSNB license.

Channel 4 is gradually getting crowded again(grin). I now count six DTV stations on the channel – KSNB, WHBF (Rock Island, Ill.), CITL (Lloydminster, Sask.), and CHFD. (Thunder Bay, Ont.)

## Mexico Digital TV News

[www.digitaltvnews.net](http://www.digitaltvnews.net)

### Teletec wins Tijuana set-top box tender

Nov 26, 2012 — Mexico's Comisión Federal de Telecomunicaciones (COFETEL) has announced that Teletec has won the tender to provide set-top boxes for the roll-out of digital terrestrial TV in Tijuana, Mexico's first city to have the service. The objective is to be able to switch off the analogue TV service in Tijuana by April 16th, 2013.

### Satellite adds another 369,000 subscribers in Mexico in 3Q 2012

Nov 26, 2012 — According to Mexico's Telecommunications Sector Production Index, at the end of the third quarter of 2012 there were 6.655 million DTH subscribers in the country, an increase of 22.9% versus Q3 2011. Cable TV lost 49 thousand subscribers in the quarter.

### Tijuana to be first city in Mexico to have digital television

Oct 11, 2012 — At the opening of the Tijuana Innovadora, Mexico's president announced that Tijuana would be the first city in Mexico to have digital television, and that the conversion there would begin in 2013. He said the conversion would be complete by the end of 2015 and the government would subsidize converter boxes for those with older TVs that do not support a digital signal



# FM NEWS



**BILL HALE**

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

FMnews@wtfd.org

JANUARY 2013

## INDEX OF ABBREVIATIONS

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

### — CANADA —

#### — CALL LETTER CHANGES —

	<u>Old Call</u>	<u>New Call</u>
BC Whistler	101.5 CP	CKEE-FM

#### — FORMAT and SLOGAN CHANGES —

BC Port Moody	98.7 CKPM-FM	Stunting with Christmas Music at deadline
ON Erin	88.1 CHES-FM	Changes their slogan to Mix 881
SK Saskatoon	96.3 CFWD-FM	Stunting with Christmas music at deadline



#### — TECHNICAL CHANGES —

		<u>CP granted for:</u>
AB Edmonton	90.1 CHFA-10-FM	QC from 101.1, 100kw/193m, 53-30-48/113-17-06 (takes over former CBCX-FM-1 transmitter)
AB Edmonton	101.1 CBCX-FM-1	QC from 90.1, 3.931kw/124m, 53-32-25/113-29-49 (takes over former CHFA-10-FM transmitter)
AB St. Paul	105.5 [CHFA-FM10]	3.44 kW/51 m; will be // CHFA-FM 90.1 Edmonton [ex: 680 kHz] [La Première Chaîne]
BC Dease Lake	90.5 CHON-FM4	9.48 Watts/-83 m/58-26-09/129-59-31; Class VLP; Mono [will be // CHON-FM 88.9 Whitehorse, YT]
NL La Grand' Terre	96.1 CKIP-FM	> 632 Watts/< 38 m, DA, XL to 48-34-15/59-10-23; Class A (from A1); \$
QC Quebec	89.7 CJNG-FM	> 1 kw/> 133 m, DA, 46-47-04/71-15-52, Class A1; \$ [see denials below]

#### — TECHNICAL CHANGES —

		<u>Applies for:</u>
BC Whistler	96.9 CKLG-FM1	< 1 kw-V/> -238 m, XL to 50-04-45/123-01-04; Class A
BC Whistler	102.1 CISW-FM	< 1 kw-V/> -238 m, XL to 50-04-45/123-01-04; Class A
BC Kelowna	103.9 CJUI-FM	> 36.8 kW-H/< (-)90 m, DA, XL to 49-46-47/119-30-26; Class C1 to C; \$
ON Brockville	91.9 CBOB-FM	> 2 kW-H (dropping V)< 98 m, (to) DA, 44-38-25/75-37-07; Class A; Mono
ON Brockville	102.1 CBOF-FM7	< 1.495 kW-V//< 1.491 kW-H/> 152 m, (to) DA, 44-38-25/75-37-07; Class A; Mono
ON Scarborough	105.9 CJVF-FM	> 1.2 kW/> 77 m, (to) DA, XL to 43-48-41/79-13-34; Class LP to A; move to 102.7

#### Applications

ON Paris-Kitchener	89.1 CBLA-FM2	Applies to add some local programming (will continue to simulcast CBLA 99.1 Toronto for the majority of the broadcast day)
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#### — DISMISSALS and DENIALS —

AB Lacombe	94.1 CJUV-FM	Application denied to amend their licence in order to lower the level of Canadian musical selections it must broadcast in a broadcast week.
BC Terrace	92.1 CFNR-FM	Application denied to add a rebroadcaster in Prince Rupert on 105.5 MHz
BC Wetaskiwin	93.5 CIHS-FM	Application denied to increase power from 5120 Watts to 50 kW and upgrade from Class A to B
NB Moncton	90.1 CIRM-FM	Application denied to move to 96.3 MHz and increase power from 22.4 Watts to 250 Watts and upgrade from Class LP to A
MB Steinbach	88.5 APP	26 kw-V/61 kw-H, 117 m, 49-31-26/96-40-02; Class C1; \$ [Golden West will amend and re-file the application with new technical parameters]
ON Whitchurch-Stouffville	102.7 CIWS-FM	Application to increase power from 50 to 193 Watts and upgrade from Class LP to A



QC Quebec	89.7	CJNG-FM	Application to diversify the station's programming by including the broadcast of events and performances taking place in the Québec region, such as shows produced as part of festivals and popular events in entertainment facilities, restaurants and bars. [station is licensed as a tourist station]	
<b>— OTHERNEWS —</b>				
NL Red Rocks	96.9	CKSS-FM	Is off the air due to their tower being in a state of disrepair. They had been // CHOZ 94.7 St. John's.	
NL Stephenville	98.5	CIOCFM	Is off the air due to their tower being in a state of disrepair. They had been // CHOZ 94.7 St. John's.	
ON Timmins	102.3	CHIM-FM	Last issue we reported that CHIM-FM was silent because their license renewal was denied. We listed five of their 'rebroadcasters' which also were off the air due to this action. In its report, the CRTC only listed those five facilities. As it turns out, there are a total of 10 facilities affected:	
AB Red Deer	93.1	CHIM-FM5	ON Kirkland Lake	99.1 CHIM-FM3
ON Chapleau	92.7	CHIM-FM8	ON North Bay	92.5 CHIM-FM1
ON Elliot Lake	92.5	CHIM-FM7	ON Sault Saint Marie	97.3 CHIM-FM6
ON Iroquois Falls	102.7	CHIM-FM2	ON Temiskaming Shores	103.5 CHIM-FM4
ON Kapuskasing	92.3	CHIM-FM10	ON Wawa	92.5 CHIM-FM9

**— UNITED STATES AND TERRITORIES —**

**FULL POWER and LPFM STATIONS**

**— CALL LETTER CHANGES —**

		<u>Old Call</u>	<u>New Call</u>			<u>Old Call</u>	<u>New Call</u>	
AL	Maplesville	106.3	WVLV	NC	Calyпсо	91.1	CP	WGXM
AZ	Bullhead City	88.3	CP	ND	Berthold	100.7	KXNK	KNDL
AZ	Thatcher	90.9	CP	OH	Troy	96.9	WOKL	WYDA
AR	Greenland	101.5	KFMD	OH	Wilmington	89.1	CP	WYLM
AR	Harrison	102.9	KHOZ-FM	OK	Antlers	90.3	CP	KMAC
AR	Ozark	96.7	KDYN-FM	OK	Broken Bow	104.9	CP	KIBE
AR	Ratcliffe	88.5	KKKC	OK	Haileyville	105.9	CP	KQIK-FM
CA	Cambria	103.5	KMGQ	OK	Mooreland	106.1	CP	KXIJ
CA	Concow	100.3	KVXX	OK	Rattan	99.5	CP	KZDV
CA	Goleta	97.5	KRUZ-FM	OK	Red Oak	93.1	CP	KWLB
CA	Old Dale	89.1	CP	OK	Valliant	94.7	CP	KYHD
CO	Fleming	95.9	KMAP	SD	Sisseton	99.5	CP	KJKQ
		[from 100.1]		TN	Byrdstown	98.9	CP	WVLV
FL	Cross City	106.9	WKZY	TN	Livingston	89.1	CP	WOCG
GA	Gretna	93.3	WGWD	TX	Greenwood	89.1	CP	KSHJ-FM
GA	Young Harris	95.1	WACF	TX	Hico	107.7	KHHG	KTAE
HI	Lihue	90.1	CP	TX	Rankin	93.7	CP	KXFS
		[from 89.9]		TX	Snyder	89.9	CP	KTPR
ID	Sugar City	96.5	CP	TX	Spur	98.7	CP	KSPU
IN	Liberty	89.7	WSDM	TX	Tatum	91.5	CP	KHJA
IN	Wadesville	90.1	WENS	VT	Hartford	104.3	WWOD	WMXR
KY	Cave City	103.7	WPTQ	VT	Woodstock	93.9	WMXR	WWOD
KY	Glasgow	105.3	WHHT	VA	Big Island	103.9	WXCF-FM	WHTU
ME	Dover-Foxcroft	103.1	WZON-FM	WA	Fall City	104.5	KZFX-LP	KWJZ-FM
MA	East Harwich	98.7	CP	WA	Pullman	89.9	CP	KMRW
MI	Constantine	88.5	CP	WY	Centennial	104.5	CP	KYAP
MI	Mackinaw City	94.5	WLJZ	WY	Chugwater	99.5	KRQU	KWYJ
MI	Munising	89.7	WAZP	WY	Fort Washakie	90.9	KFTW	KUWW
MN	Cambridge	105.3	WGVY	WY	James Town	93.5	KTEA	KMGQ
MN	Franklin	89.5	CP	WY	Laramie	98.7	KAAZ	KRQU
MT	Charlo	97.5	CP	WY	Medicine Bow	99.7	KRQU	KWYJ
NH	Wakefield	88.3	CP					
NM	Taos	93.5	KTGJ					

**TRANSLATORS and BOOSTER STATIONS**

**— CALL LETTER CHANGES —**

		<u>Old Call</u>	<u>New Call</u>			<u>Old Call</u>	<u>New Call</u>	
AL	York	100.9	W212CB	ID	Kamiah	88.7	APP	KIYE-1
AZ	Tucson	89.9	K263AA	IL	Champaign	88.3	W201CK	W202CF
AR	Fayetteville	90.5	K215EE	IL	Charleston	107.1	W298BF	W296CA
CA	Banning	88.7	K201AR	IN	Carthage	88.1	APP	WJCF-1
CA	Fortuna	95.1	APP	IL	Mount Carmel	100.5	WSJD-1	WSJD-FM1
CA	Santa Clarita	101.9	KSCA-1	IA	Winterset	93.7	K230AT	K229CC
CA	Santa Clarita	107.5	KLVE-1	MI	Hastings	93.3	W225BA	W227CG
CO	Fort Morgan	89.5	K204FV	MN	Fergus Falls	88.1	K204FS	K201IQ
CO	Hurley	96.7	K298AK	MN	Willmar	96.3	K240CU	K242CF
CO	Silverton	91.1	K218BF	MT	Boulder	106.7	K296AN	K294BZ
CO	Sterling	88.1	K203DD	MT	Great Falls	104.3	K283BQ	K282AV
GA	Americus	94.9	W238BK	NE	Falls City	88.9	K219CE	K205FP
GA	Cuthbert	89.1	W207CJ	NV	Carson City	90.9	K297AS	K215FJ
GA	Wrightsville	92.5	K274BD	NV	Elko	98.9	K201DE	K255CE

NV Moapa, etc	89.9	K207DY	K210ET	TX Devine	98.9	APP	KLMO-1
NY Lockport	89.1	W214BB	W206BZ	TX Victoria	95.9	KHMC-1	KHMC-FM1
OR Oro Valley	101.7	K272DC	K269FV	UT Nephi	93.7	KLGL-FM1	KUTC-FM1
OR Sprague River	89.1	K205EA	K206EH	UT Nephi	94.5	CP	KLGL-FM1
PA Bloomsburg	105.5	W290CG	W288CF	UT Rural Garfield, etc	95.7	K242BJ	K239BL
PA Folston	100.7	W265BM	W264CG	WA Aberdeen	89.9	K207DB	K210ES
SD Aberdeen	89.5	K205ED	K208FT	WI Ladysmith	92.3	W224BL	W222BQ
TX Aqua Dulce	107.7	KXTM-1	KXTM-FM1	WI Rothschild	93.9	W220AP	W230BU
TX Corpus Christi	104.9	KMIQ-1	KMIQ-FM1	WY Pine Bluffs	96.3	K243BL	K242CG

— FORMAT AND SLOGAN CHANGES —

— Full Power and LP Facilities —

AL Boligee	107.3	WQZZ	Signs on with R&B Oldies
AL Carbon Hill	89.7	KRLE	Changes frequency from 91.3 and changes City-of-License from Oberlin
AL Equality	91.3	WBNB	Signs on with Religious Teaching: <i>The Life FM</i> [The Life FM]
AL Marion	102.9	WNPT-FM	Adds network service from Dial Global - Mainstream Country
AZ San Carlos	91.1	KYAY	Signs on with Ethnic Apache
AR Clarksville	92.7	KLYR-FM	Changes network to Dial Global - Mainstream Country: <i>West Arkansas' Radio Tradition</i>
AR Harrison	102.9	KHBZ	Changes slogan to 102.9, <i>The Z</i>
AR Newark	90.9	KLLN	Adds Oldies as a second format with Southern Gospel: <i>KLLN Radio</i>
CA Adelanto	92.7	KLSN	> Christian CHR/Rock: <i>Air One</i> [Air One]
CA Fountain Valley	92.7	KLST-FM	> Christian CHR/Rock: <i>Air One</i> [Air One]
CA Los Angeles	93.9	KXOS	Changes format to Rhythmic-CHR: <i>Exitos 93.9</i>
CA Mendocino	89.3	KAKX	Adds slogan <i>Student Powered Radio</i>
CA Santa Barbara	97.5	KRUZ-FM	> Christian CHR/Rock: <i>Air One</i> [Air One]
CA Thousand Oaks	92.7	KLSI	> Christian CHR/Rock: <i>Air One</i> [Air One]
CO Limon	93.7	KIIQ	Returns to the air with Oldies
CO Wellington	94.3	KMAX	> Rock: <i>94.3 Loudwire</i>
CT New London	100.9	WKNL	> Hot AC: <i>Roxy 100.9</i>
DE Dover	91.1	WDDE	Adds slogan: <i>Delaware's NPR News Station</i>
DC Washington	89.3	WPFW	> News/Talk/Jazz: <i>WPFW, FM 89.3</i>
FL Edgewater	95.3	WLGW-LP	Returns to the air with Religious Teaching
FL Yankeetown	96.3	WXOF	Changes slogan to 96.7, <i>The Fox</i>
GA Barrettsville	90.7	WLTS	Adds the slogan: <i>Apresto del Evangelio</i>
GA Dahlonoga	88.7	WCDG	Signs on with Talk
GA Elberton	89.7	WWQE	Signs on with Religious Teaching: <i>The Life FM</i> [The Life FM]
GA Pembroke	99.1	WBAW-FM	Returns to the air with Sports [ESPN Radio Network]
ID Ririe	88.7	KYSK	Signs on with Religious Teaching: <i>90 FM, Revelation Radio</i>
IL Cambridge	93.9	WYEC	> Oldies: <i>Rewind 93.9</i>
IL Dwight	98.9	WJEZ	> Classic Hits: <i>Classic Hits 98.9</i>
IL Ellsworth	89.5	WSPI	Signs on with Religious Teaching [EWTN]
IL Galena	90.1	WGLA	Signs on with Religion: <i>Catholic Radio</i> [EWTN]
IL Kankakee	95.1	WVLI	> CHR: <i>The Valley</i>
IN Franklin	95.9	WFDM-FM	Changes their slogan to <i>Indiana's Voice Of Freedom</i>
IN Wadesville	90.1	WSDM	> Religious Teaching [EWTN]
KY Cynthiana	102.3	WCYN-FM	> Oldies [Dial Global - Pop Classic Hits/Oldies]
KY Louisa	92.3	WZAQ	Changes slogan to <i>IGNITE FM</i>
LA Delta	92.7	KSBW	Signs on with R&B Oldies: <i>92.7, The Touch</i>
LA Rayville	92.3	KMYW	Changes slogan to 92.3 <i>The Wolf</i>
LA Simmesport	105.3	KSLO-FM	> Spanish Adult Hits: <i>Juan FM</i> [Dial Global - Juan FM]
ME Scarborough	106.3	WHXR	Changes slogan to <i>Rock 106.3</i>
MD Williamsport	95.9	WICL	> Classic Country: <i>95.9 The Big Dawg</i>
MI Bedford	89.7	WSPB	Signs on with Religion: <i>Catholic Radio</i> [EWTN]
MI Manistique	88.9	WCRR	Signs on with Religious Teaching
MN Lake Crystal	95.7	KMKO-FM	> Rock: <i>The Rock Station</i>
MN New Prague	95.5	KRDS	> Classic Country: <i>Oldies 95.5 // KCHK-1350 New Prague</i>
MS Louisville	90.7	KOUI	Signs on with Southern Gospel: <i>The Gospel Station</i> [The Gospel Station]
MS New Hebron	91.9	WSMP	Returns to the air with Religious Teaching: <i>Church Alive Media</i>
MO Branson	106.3	KRZK	> Talk: <i>KRZK - Your News, Straight Talk</i>
MO Nixa	105.9	KGBX-FM	Changes slogan to <i>KGBX 105.9 - Today's At Work Variety</i>
MO Pleasant Hope	95.5	KTOZ-FM	Changes slogan to <i>Alice @ 95.5 - 90's To Now</i>
MO Springfield	97.3	KXUS	Changes their slogan to <i>US-97, Springfield's Classic Rock</i>
MT Billings	105.1	KYSX	> Classic Country: <i>Twang 105.1</i>
MT Victor	88.7	KXEH	Signs on with Religious Teaching: <i>Your Network Of Praise</i>
NE Aurora	91.9	KJGS	Signs on with Religious Teaching: <i>Radio 74 Internationale</i>
NH Walpole	96.3	WFYX	> Classic Hits: <i>Kool 93.9</i>
NJ Toms River	90.3	WNJO	Returns to the air with News/Talk: <i>New Jersey Public Radio</i> [National Public Radio]
NM Reserve	104.5	KZXQ	Returns to the air with Oldies
NC Hertford	104.9	WFMZ	> Classic Rock: <i>Classic Rock 104.9/92.3</i>
NC Nags Head	92.3	WZPR	> Classic Rock: <i>Classic Rock 104.9/92.3</i>
ND Flasher	105.9	KKBO	> Country: <i>105.9 The Rig</i>
OH Dayton	89.5	WQRP	> Spanish Religious: <i>Radio Nueva Vida</i> [Radio Nueva Vida]
OH Hicksville	106.7	WFGA	> Sports: <i>The Fan // WKJG-1380 Fort Wayne, Indiana</i>
OH Mansfield	90.7	WVMC-FM	Changes slogan to <i>Real Life Radio - WVMC-FM</i>
OH Troy	96.9	WYDA	> Christian CHR/Rock: <i>Air One</i> [Air One]
OR Coos Bay	90.5	KZBY	Signs on with News/Classical: <i>Jefferson Public Radio</i> [NPR]
OR Glendenen Beach	88.1	KQOC	Changes their slogan to <i>All Classical Public Media</i>
OR Portland	89.9	KQAC	Changes their slogan to <i>All Classical Public Media</i>
OR The Dalles	88.1	KQHR	Changes their slogan to <i>All Classical Public Media</i>
PA Palmyra Township	91.5	WPAU	Signs on with Classical/Adult Alternative: <i>WVIA Public Radio</i>
SC Greenville	94.5	WMUU-FM	> Talk: <i>Conservative Talk 94.5</i>

SC Lamar	93.7	WSIM	> Hot AC: <i>Star 93.7</i>
SD Sisseton	99.5	KJKQ	Signs on with Adult Hits: 99.5, <i>Jack FM</i> [Dial Global - Jack FM]
TX Eldorado	106.5	KPEP	> Classic Country
TX Robinson	107.9	KWPW	> CHR: <i>Power 108</i>
TX Trinity	89.7	KTYR	Signs on with Spanish Contemporary Christian: <i>Radio Aleluya</i>
UT Cedar City	91.1	KSUU	Changes their slogan to <i>KSUU 91.1</i>
VI Frederiksted	101.7	WEVI	Returns to the air with Contemporary Christian
VA Buffalo Gap	95.5	WBOP	> Adult Contemporary: 95.5 <i>WBOP</i> [Cumulus - Hits and Favorites]
WA Deer Park	107.1	KPKL	Returns to the air with Classic Hits: <i>Kool 107.1</i>
WA Friday Harbor	91.9	KSJU	Signs on with Variety/Spanish: <i>Skagit Valley Community Radio</i>
WY Laramie	98.7	KRQU	> Classic Rock

— Translators —

OH Chillicothe	92.7	W224BR	Is now // WBEX-1490 with News/Talk [ex: // WCHI-1350]
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— OTHERNEWS —

AL Selma	105.3	WBFZ	License and call letters reinstated
CA Atwater	91.5	KZCF	Is silent
CA Bear Lake	105.5	KWBB-LP	Is silent
CA Cartago	94.5	KWTY	Is silent
CA Vallejo	89.5	KZCT	Is silent
CA Walnut	90.1	KSAK	Is silent
CO Alamosa	101.3	K267AL	License cancelled; call deleted
CO Anonito	89.3	K207DA	License cancelled; call deleted
CO Colorado Springs	107.1	KWIR-LP	License cancelled; call deleted
CO Craig	91.1	KCJN	License cancelled; call deleted
CO Creede	88.9	KRIX	License cancelled; call deleted [station was silent for 12 consecutive months]
CO Cuchara	106.9	KCQX-LP	License cancelled; call deleted
CO Del Norte	89.7	K209ET	License cancelled; call deleted
CO Julesburg	98.9	K255AS	License cancelled; call deleted
CO Springfield	89.7	K209BK	License cancelled; call deleted
CO Vail	103.7	K279BH	License cancelled; call deleted
CO Wray	96.3	K242BP	License cancelled; call deleted per licensee's request
FL Chassahowitzka	107.9	WEKJ-LP	Changes frequency from 96.7
FL Inverness	104.9	WCFQ-LP	Changes frequency from 96.7
FL North Miami	90.1	Pirate	Fined an individual \$25,000 for operating an unlicensed transmitter
HI Paia	102.9	KLZY	Is silent
IL Macomb	89.7	WHPA	Is silent
IN Evansville	98.5	W253BF	Changes City-of-License from Darmstadt
KS Manhattan	88.3	Pirate	Fined an individual \$10,000 for operating an unlicensed transmitter
MA Rockland	88.3	WRPS	Is silent
MI Detroit	106.7	WDTW-FM	Clear Channel has donated WDTW, including the license and transmitter, to the Minority Media and Telecommunications Council
MN Brainerd	93.7	W216FS	Is silent
MN Brainerd	93.7	W229BC	License cancelled; call deleted [station was silent for 12 consecutive months]
MN Windom	89.9	KQRB	License cancelled, call deleted at the request of the licensee
MS New Augusta	101.7	WZHL	Is silent
MS Washington	103.9	WWUU	Is silent
MT Charlo	101.5	KTCQ-LP	License cancelled; call deleted [station was silent for 12 consecutive months]
MT Dixon	97.9	KCTD-LP	License cancelled; call deleted [station was silent for 12 consecutive months]
MT Finley Point	107.1	KCTJ-LP	License cancelled; call deleted [station was silent for 12 consecutive months]
MT Hardin	104.5	K283AF	License cancelled; call deleted per licensee's request
MT Kalispell	88.7	K204CJ	License cancelled; call deleted per licensee's request
MT Libby	105.3	KJRZ-LP	License cancelled; call deleted
MT Pablo	102.1	KCTP-LP	License cancelled; call deleted [station was silent for 12 consecutive months]
MT Polson	107.9	KMDM-LP	License cancelled; call letters deleted per licensee's request
MT Turtle Lake	98.1	KCTG-LP	License cancelled; call deleted [station was silent for 12 consecutive months]
MT West Fork, etc.	99.3	K257AE	License cancelled; call deleted
NV Battle Mountain	91.9	KCWW	License cancelled; call deleted
NH Meredith	101.5	WWHQ	Is silent
NM Carlsbad	96.3	K242BO	License cancelled; call deleted
NM Grants	91.9	KKGT	Is silent
NM Skyline-Ganipa	95.9	KANM	Denied request to reinstate cancelled CP due to non-compliance of the FCC's rules by not building the station in a timely manner [common ownership with KKUL and KNOS (below)]
NY Mt. Kisco	88.9	WWES	Is silent
NY Staten Island	88.9	WSIA	Is silent
NC Lincolnton	100.9	WWGT-LP	License cancelled; call deleted
ND Stanley	92.3	K222AC	License cancelled; call deleted
ND Williston	102.7	K274AD	License cancelled; call deleted
OK Broken Bow	90.5	CP	License issued for new station [Eastern Oklahoma State College]
OR Astoria	90.5	KGIO	Is silent
PA Elizabethtown	88.3	WWEC	License and call letters reinstated
PA St. Mary's	91.1	WRVI	Is silent
PA Williamsport	90.7	WCRG	Is silent

SC Tignall	105.3	WSGC-FM	Application granted to move to 96.7 MHz with 6 kw
TN Chattanooga	94.9	W235AO	Changes City-of-License from Cleveland
TX Albany	98.9	KNOS	Denied request to reinstate cancelled CP due to non-compliance of the FCC's rules by not building the station in a timely manner [common ownership with KKUL and KANM]
TX Burnet	95.9	-----	Application for a new station dismissed [Penfold Communications, Inc]
TX Trinity	98.1	KKUL	Denied request to reinstate cancelled CP due to non-compliance of the FCC's rules by not building the station in a timely manner [common ownership with KNOS and KANM]
UT Eureka	103.9	KUDE-FM3	License cancelled; call deleted
UT Richfield	93.7	KUTC	Is silent
VT Hartford	104.3	WWOD	Is silent
WA Fall City	98.5	KWJZ-LP	Is silent
WY Jackson	93.5	KJAX	Is now here, ex: 93.3
WY Jackson	106.7	-----	Application for new station denied [JKJ Educational Foundation]
WY Opal	91.1	KEMM	License cancelled; call deleted

— NEWS ITEMS —

**FCC Acts on LPFM, FM Translators**

The commission has relaxed the criteria for LPFMs seeking a waiver for second-adjacent channel spacing requirement; it bumped up the national cap on pending FM translator apps; and it has targeted October 2013 to open an LPFM application window. The agency bumped up the national cap on pending FM translator applications that one entity can pursue from 50 to 70, as long as no more than 50 are in the top 150 markets. It relaxed the local cap of one application per entity to up to three applications one company can pursue in more rural markets.

The agency also relaxed the criteria for LPFMs seeking a waiver for second-adjacent channel spacing requirement in order to locate a new LPFM, something NAB and NPR had urged the commission to avoid except in very narrow circumstances. The agency is releasing mapping tools for LPFMs to help them find open channels, and for the first time, releasing the source code. The commission passed a compromise that adds a main studio requirement for LPFMs and retains the eight-hour-per-week program requirement. It did not act on the LP250 watt proposal.

FCC Chairman Julius Genachowski said the decisions today will help the creation of "thousands" of local community stations and the decision allows LPFM and FM translator services to complement each other. The chairman revealed that he had been a nighttime DJ at his college station, who went by "The Midnight Rambler." He pledged the commission would make the process of applying for an LPFM as easy as possible.

The Prometheus Radio Project, which led the grassroots coalition that pushed Congress to pass the Local Community Radio Act of 2010, said the new rules will mean LPFMs can be located in urban areas for the first time. Prometheus urged those who want to apply for a station to start preparing now.

**Ozcat Owner Says Vandals Hit Him Again**

[timesheraldonline.com]

Ozcat Radio (KZCT 89.5 Vallejo, California) has been hit by vandalism for the third time since August, forcing the FM station to go off the air at least for a month, its owner said Sunday. "I definitely think this is personal," founder and owner David Martin said. "They did not take much, but did a lot of damage."

Martin said he and a group of people went up to the station's hilltop transmission facility on Saint John's Mine Road on Sunday morning to fix the battery problems that arose from the first two incidents of vandalism. Minutes before arriving, Martin said he received a phone call from the alarm company informing him that a hiker reported seeing a large hole in the wall of the shack that houses the equipment.

The security system was installed on the shack's door after of the previous vandalism incidents. Inside, Martin said he saw snipped off wires and some equipment missing. However, the suspect, or suspects, took no copper or more expensive items, Martin said.

"With the first incident I thought it was a random act," Martin said. "But now, I know we are targeted. I don't know why they did it, and I might never know why." He said all the vandalism this year could cost the radio station about \$8,000.

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 Thanks to: Tim Noonan, Dan Sys, Radio Insight, Radio World Online and Upper Midwest Broadcasting for news.  
 If you hear any changes occur on your FM dial, share the news!  
 73 and Happy New Year from the entire staff at FM NEWS  
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# FM FACILITIES

## JANUARY 2013

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

### Changes:

STATE/PROV/ CITY	FREQ	CALLS	CHANGE
AB Lac La Biche	90.5	NEW	NS 19.6kw/100m, to relay CFWE-FM-4 Spruce Grove
AB Wainwright	101.9	CKKY	OR from 830 AM, 50kw/170m
AB Wainwright	93.7	CKWY-FM	PR<50kw/170m
AK College	103.9	KTDZ	PC>28kw/233m, 64-55-21/147-42-55
AK Fairbanks	94.3	KWDD	CC for NS
AK Fairbanks	94.3	KWDD	NW 28kw/233m, 64-55-21/147-42-55
AK Fairbanks	95.9	KXLR	PC>28kw/233m, 64-55-21/147-42-55
AK Houston	88.7	KJHA	PR>430w/17m, 61-38-45/149-51-52
AK Kenai	88.1	KOGJ	PG 1.1kw/104m, 60-31-21/151-04-16
AK Meadow Lakes	104.9	KMVV	FC to Air 1
AL Andalusia	89.3	WDWZ	PG>1.4kw/103m, 31-18-10/86-29-10
AL Ashland	98.3	WFXO	CC from WTXO
AL Carbon Hill	89.7	KRLE	QG from 91.3, 79kw/154m, 34-02-01/87-36-48; CL from Oberlin, Kansas; a move of 1317km/818miles...
AL Equality	91.3	WBNB	PG 750w/55m, 32-48-53/86-02-31
AL Maplesville	106.3	WVLV	PR<51m, 32-42-22/86-52-51
AL Monroeville	88.9	WILF	PC>87kw
AR Coal Hill	92.7	KLYR-FM	PG>12.5kw/144m, 35-29-09/93-53-30; CL from Clarksville
AR Elaine	95.5	NEW	AF 6kw/100m, 34-29-20/90-45-12 (Alfred Roberson)
AR Ozark	96.7	KDYN-FM	PG>47kw/154m, 35-38-33/94-07-52
AR Ratcliff	88.5	NEW	PG 150w/-27m, 35-20-03/93-51-39
AR Ratcliff	88.5	NEW	PR 150w/-27m, 35-20-03/93-51-39
AZ Bullhead City	88.3	NEW	PR 13.5kw/563m
AZ Parker	95.7	KPKR	PC 6.3kw/200m, 34-18-39/114-10-08 (new site is in California) (River Rat Radio)
AZ Peach Springs	104.1	NEW	AF 89kw/315m, 37-05-41/113-11-06; amendment from 6.4kw/196m at different site
AZ Yuma	88.9	KAWC-FM	PG>1.5kw/363m, 32-40-24/114-20-11
BC Kelowna	103.9	CJUI-FM	PR>36.8kw
CA Big Sur	95.9	KMZT-FM	NW 1kw/-111m, 36-13-24/121-45-27 (Mt. Wilson FM Broadcasters)
CA Blythe	97.3	NEW	AF 1.75kw/663m, 33-34-12/114-20-55 (Northway Broadcasting) (amendment to change site)
CA Cedarville	88.1	KDUP	PC>1kw
CA Ferndale	90.1	KHSF	NW 185w/516m, 40-30-03/124-17-08 (KHSU)
CA Ferndale	90.1	KHSF	PR 185w/516m; PG
CA Guerneville	102.7	KWVF	CC for NS
CA Los Angeles	100.3	KSWD	NS 5kw/199m, 34-09-50/118-11-46 (aux)
CA Mettler	89.7	KSVG	NW 1.7kw/-309m, 34-59-03/118-49-57 (Kern Community Radio)
CA Millers Ranch	89.3	KRBQ	CC for NS
CA Newman	90.7	KCUD	PR>1.9kw
CA Quincy	100.3	KVXX	PR>1.65kw/192m, 39-46-04/121-28-53; amendment from 1.62kw
CO Brush	90.5	KBEI	FC: sold to KTLF
CO Burlington	88.7	KTMJ	CC for NS
CO Burlington	88.7	NEW	NW 250w/72m, 39-18-24/102-16-39 (Academy Media)
CO Crook	88.7	KOOW	NW 22kw/197m, 40-34-57/103-01-56 (3G Learning Solutions)
CO Dinosaur	100.3	NEW	AF 2.5kw/681m, 40-21-10/109-09-01; amendment from 100kw/43m at different site
CO Durango	105.3	KXRC	CC for NS
CO Hotchkiss	99.5	KYKL	CC for NS
CO Lamar	89.5	KTLH	FC: sold to KTLF
CO Ouray	90.3	NEW	FC, sold to KTLF
CO Rifle	90.9	KRJX	FC: sold to KTLF
FL Big Pine Key	95.7	WHNJ	PG 1.2kw/141m, 24-40-36/81-30-39
FL Callaway	103.5	WKNK	CC from WAKT-FM
FL Fort Meade	98.3	WWRZ	NW 43kw/150m, 27-51-10/81-52-02 (aux)
FL Palm Bay	90.3	WEJF	PG>300w-H/30kw-V/147m
FL Santa Rosa Beach	102.1	WWAV	PG>146m, 30-24-38/86-37-22
FL Trenton	101.7	WDVH-FM	CC from WPLL-FM
GA Crawfordville	94.7	WULK	PG<3.8kw
GA Dexter	103.1	WDBG	PR 6kw/60m, 32-31-25/82-56-51

GA Woodbury	94.5	WFDR-FM	PR 1.9kw/181m
HI Lihue	93.5	KQNG-FM	PG<60m
HI Poipu	95.9	KSRF	PG<60m, 21-59-31/159-24-21
IA Creston	90.9	KLOX	PG<500w/35m, 41-03-29/94-22-13
IA Fort Dodge	88.7	KWOP	NW 200w/38m, 42-33-18/94-07-47 (Church Planters of America)
IA Fort Dodge	88.7	KWOP	PG<200w/38m, 42-33-18/94-07-47
IA Huxley	99.3	KTIA-FM	PR 5.3kw/95m, 41-51-05/93-43-29; CL from Boone
IA Montezuma	89.7	KRNF	PC>3.1kw/103m
IA Storm Lake	88.1	KOIA	NW 6kw/112m, 42-40-06/94-59-35 (S. Central Okla. Christian Broadcasting)
ID Burley	91.9	KBWE	NW 4.9kw-H/4kw-V/12m, 42-33-32/113-44-50 (Idaho Community Action Network)
ID Gooding	100.7	KPDA-FM	NW 225w/71m, 43-35-42/116-08-39 (aux)
ID Mountain Home	99.1	KINF-FM	NW 225w/71m, 43-35-42/116-08-39 (aux)
IL Chicago	90.7	WRTE	QR from 90.5, 6w/107m, 41-52-25/87-39-04
IL Galena	90.1	WGLA	PG 165w/-24m, 42-25-10/90-25-42
IN Greensburg	89.9	WTRE-FM	CC from WHOZ
IN Greensburg	89.9	WTRE-FM	PR 830w/71m; amendment from 930w/67m
IN Lebanon	91.1	WIRE	NW 140w/94m (aux)
IN Liberty	89.7	WSDM	CC from WKWH
KS Baxter Springs	104.3	KCAR-FM	PR 3.5kw/127m, 37-04-10/94-32-49
KS Oketo	88.7	KOKN	NW 100w/-1m, 39-57-50/96-36-00 (S. Central Okla. Christian Broadcasting)
KS Oketo	88.7	KOKN	PG<100w/-1m, 39-57-50/96-36-00
KS Oketo	88.7	KOKN	PR<100w/-1m, 39-57-50/96-36-00
KS Phillipsburg	95.3	NEW	PR>100kw/132m, 39-15-57/99-50-00
KY Albany	100.9	WANY-FM	QC from 106.3, 6kw/56m
KY Cave City	105.3	WHHT	CC from WPTQ
KY Glasgow	103.7	WPTQ	CC from WHHT
KY Horse Cave	106.3	WOVO	CC from WHHT
KY Lebanon	100.9	WLSK	PC<3.9kw
KY Manchester	103.1	WWLT	FC; sold to Educational Media Foundation
LA Baton Rouge	100.7	WTGE	PR>459m, 30-21-58/91-12-47
LA Baton Rouge	98.1	WDGL	PR>459m
LA Kaplan	90.5	KLFT	NW 17kw/150m, 29-52-10/92-18-07 (Talents Ministry)
LA New Orleans	98.5	WYLD-FM	NS 21.5kw/181m (aux)
LA Oak Grove	104.1	KLCJ	CC for NS
LA Reserve	94.9	WGUO	CC from WPRF
MA Boston	91.9	WUMB-FM	PG 160w/189m, 42-14-49/71-02-56
MA Charlton	90.1	WYQQ	CC from WYCM
MA Edgartown	88.7	WMEX	NW 1.7kw/66m, 41-26-23/70-34-50 (Vineyard Public Radio)
MA Falmouth	91.9	WFPB-FM	PG<260w-H/5.2kw-V
MA Shirley	89.3	WOPH	NW 580w/17m, 42-33-11/71-47-50 (Prayers for Life)
MA Vineyard Haven	88.7	WMEX	PR>420w/96m, 41-26-16/70-36-51
MA Worcester	91.9	WBPR	PG<270w
MD Baltimore	106.5	WMMX	PR 11kw/288m, 39-20-05/76-39-01
ME Augusta	89.5	WWTP	PR>480w/109m, 44-21-07/69-39-30; amendment from 410w/100m
MI Bedford	89.7	WSPB	NW 205w/16m, 42-25-13/85-17-13 (Catholic Radio Network)
MI Bedford	89.7	WSPB	PG 205w/16m, 42-25-13/85-17-13
MI Bedford	89.7	WSPB	PR<205w/16m, 42-25-13/85-17-13
MI Coleman	101.7	WPRJ	PR>7.5kw
MI Constantine	88.5	NEW	PR>15.2kw/108m, 41-53-51/85-33-51
MO Cameron	91.7	WRVX	NW 27.5kw/116m, 39-57-36/94-07-08 (WVCY)
MO Chillicothe	88.1	KLWL	NW 800w/103m, 39-48-54/93-35-18 (CSN)
MO Columbia	96.7	KCMQ	PG<1.85kw (aux)
MO Gainesville	99.7	KBOD	CC from KMAC
MO Warsaw	97.1	KAYQ	PR<4.5kw
MS Louisville	90.7	KOUI	NW 200w/34m, 33-07-18/89-06-36 (S. Central Okla. Christian Broadcasting)
MT Choteau	88.7	KUDI	PG>325w/138m, 47-45-21/112-09-42
MT Columbus	90.5	KMTJ	PG>2.3kw/369m, 45-11-40/109-20-30
MT Missoula	105.9	KYJK	PR>1.89kw
MT West Yellowstone	90.7	KPWY	NW 100w/787m, 44-33-38/111-26-23 (Hi-Line Radio Fellowship)
MT West Yellowstone	90.7	KPWY	QR from 88.1, 100w/787m, 44-33-38/111-26-23
NC Calypso	91.1	NEW	PG 2.2kw/50m, 35-12-26/78-03-20
NC Concord	97.9	WPEG	PR 95kw-H/71.7kw-V (from 94kw H&V)
NC East Fayetteville	88.1	WWFJ	PR>3kw/65m, 34-56-13/78-42-44
NC Madison	88.1	WOPR	NW 3.5kw/39m, 36-21-04/79-47-14 (Church Planters of America)
NC Robbins	88.1	NEW	PR>4.7kw/53m, 35-33-34/79-41-03
ND Fort Totten	90.7	KABU	NW 14kw/116m (aux)
NE Franklin	90.1	KNEF	NW 100w/-18m, 40-06-10/98-57-02 (S. Central Okla. Christian Broadcasting)
NE Franklin	90.1	KNEF	PG<100w/-18m, 40-06-10/98-57-02
NE Humboldt	90.1	KNIT	NW 6.1kw/63m, 40-13-55/95-58-17 (Cedar Cove Broadcasting)
NH Derry	90.5	WYDI	PR>600w/82m, 42-53-10/71-20-26
NH Laconia	98.3	WLNH-FM	PG 700w/547m, 43-31-01/71-22-09
NH Meredith	101.5	WWHQ	PG 560w/325m, 43-32-45/71-22-43
NJ Blairstown	106.3	WHCY	NW 110w/257m (aux)
NJ Eatontown	106.3	WKMK	NW 1.1kw/154m (aux)
NJ Millville	97.3	WENJ	CC from WENJ-FM
NL Clarendville	97.1	NEW	AF 2.5kw/21m, hot adcon
NM Carlsbad	90.1	KLRS	CC for NS
NM Clovis	91.1	KAQF	PR 450w/94m, 34-26-20/103-12-38
NM Farmington	95.7	KPCL	PC<26.5kw/313m
NM Grants	90.3	KDRI	PR>20kw/414m, 35-10-57/107-36-13 (reinstate expired permit)
NM Hurley	88.1	KQTO	NW 2kw/463m, 32-51-43/108-14-28 (R. Bilingue)
NM Hurley	88.1	KQTO	PG 2kw/463m, 32-51-43/108-14-28
NM Las Vegas	107.1	NEW	NS 860w/94m, 35-34-27/105-10-18 (Owensville Communications)
NM Ruidoso	91.3	KYCT	PG<241w/866m
NT Yellowknife	98.9	CFYK	QG from 1340 AM, 1.22kw/47m
NV Fallon Station	105.3	KZTI	CC from KRZQ
NV Fallon	104.1	KRZQ	CC from KZZD

NV Fallon	104.1	KRZO	PC>600m, 39-54-46/118-55-18
NV Fernley	107.3	KNEZ	AF 16kw/293m (aux)
NV Las Vegas	91.5	KUNV	PR>12kw/588m, 35-56-45/115-02-35
NV Reno	88.7	KUNR	PC<651m
NY Annandale-on-Hudson	88.1	WLHV	NW 910w/116m, 42-05-55/73-43-50 (Bard College)
NY Greene	88.1	WWSA	FC; sold to WSKG
NY Liberty	88.1	WGWR	PC 38w/246m, 41-48-04/74-47-05
NY Liberty	88.1	WGWR	PG 38w/246m, 41-48-04/74-47-05
NY New York	101.9	WFAN-FM	CC from WRXP
NY Richfield Springs	88.7	WMHY	PG<614w/116m, 42-55-11/74-57-02
OH Cridersville	99.3	WVLO	PR 115w/256m, 40-38-03/84-12-29
OH Munroe Falls	98.1	WKDD	NW 23kw/101m (aux)
OH Yellow Springs	91.3	WYSO	PR 36kw/174m, 39-40-19/84-04-34
OK Antlers	90.3	NEW	NW 100w/6m, 34-13-51/95-37-14 (Airwaves for Jesus)
OK Antlers	90.3	NEW	PG<100w/6m, 34-13-51/95-37-14
OK Antlers	90.3	NEW	PR<100w/6m, 34-13-51/95-37-14
OK Broken Bow	104.9	NEW	AF 6kw/82m, 34-03-42/94-50-39; amendment from 100m & to change site
OK Hollis	102.7	KJOK	NW 50kw/95m, 34-36-34/99-50-57 (Altus FM, Inc.)
OK Hollis	92.5	KKRE	PC<79m
OK Red Oak	93.1	NEW	AF 25kw/62m, 34-55-01/95-19-46; amendment from 93.3, from 6kw/100m, and to change site
ON Brockville	102.1	CBOF-FM-7	PR>1.495kw/152m
ON Brockville	91.9	CBOB-FM	PR>1.571kw/152m
ON Scarborough	102.7	NEW	QR from 105.9, 1.2kw/77m, 43-48-41/79-13-34
OR Altamont	89.9	NEW	AF 55w/637m, 42-05-48/121-37-57 dismissed (UCB USA)
OR Ashland	89.5	KSKQ	PG>560w
OR Bend	88.9	KPOV-FM	PG>1.1kw/489m
OR Klamath Falls	89.9	NEW	NS 8.1kw/219m, 42-15-30/121-34-38 (Klamath Falls SDA Church)
OR Port Orford	88.1	KPOZ	NW 500w/236m, 42-51-53/124-26-54 (N. Curry Families & Childrens Center)
PA Allport	90.5	WRPV	PG<99w/80m, 40-56-29/78-16-14
PA Bethlehem	91.3	WLVR-FM	PG>40w-H/200w-V
PA Lawrence Park	92.7	WEHP	NW 6kw/3m, 42-07-25/80-07-02 (First Channel Communications)
PA Telford	91.7	WBMR	NW 110w/74m (aux)
PR Las Piedras	98.3	WZOL	QG from 98.9, 830w/574m, 18-16-48/65-51-13, CL from Vieques in 1995; condition to wait for WPRM's frequency change deleted.
PR Mayaguez	98.7	WUKQ-FM	QG from 99.1 in 1995; condition to wait for WPRM's frequency change deleted.
PR Quebradillas	99.5	WIDI	QG from 98.3, 22kw/640m, 18-09-00/66-59-00 in 1995; condition to wait for WPRM's frequency change deleted.
PR San Juan	99.1	WPRM-FM	QG from 98.5 in 1995; ordered to complete frequency change by Nov. 21st.
QC Saint-George-de-Beauce	96.7	CBV-FM-7	PG>2.5kw/164m, relocate XR
SC Saluda	88.7	WKMH-FM	PR>255w-H/51kw-V/120m, 33-57-22/81-54-09
SD Murdo	104.5	NEW	NS 100kw/318m, 44-03-07/100-05-03 (Riverfront Broadcasting)
TN Cornersville	89.9	NEW	PR<400w/-3m, 35-18-53/86-54-07
TN Knoxville	91.1	WKCS	PR 500w/17m
TX Azle	101.7	KTCY	FC to Air 1
TX Baird	95.1	KABW	CC from KORQ
TX Brownfield	104.3	KTTU-FM	AF 700w/195m, 33-30-08/101-52-20 (aux)
TX Canadian	91.3	KHHC	QG from 91.1, 120w/-37m, 35-54-12/100-19-55
TX Carthage	88.3	KRTG	NW 14kw/135m, 31-50-40/94-20-44 (KHCB)
TX Charlotte	102.3	KSAQ	PR>4.4kw/117m, 28-45-41/98-41-57
TX Corpus Christi	88.7	KKLM	PR>13kw
TX Corpus Christi	96.5	KLTG	PR<100kw/247m, 28-02-07/97-26-11
TX Dallas	102.9	KDMX	NW 60kw/545m, 32-35-20/96-58-05 (aux)
TX Eden	91.5	KPDE	PR>22.12kw/109m
TX Fort Worth	102.1	KDGE	NW 60kw/545m, 32-35-20/96-58-05 (aux)
TX Ganado	94.9	KHTZ	PR>100kw/299m, 28-53-22/96-21-41
TX Iowa Park	96.3	KXXN	PC>100m, 34-02-49/98-39-38
TX Odem	98.3	KMJR	PR 19kw/247m, 28-02-07/97-26-11
TX Ranger	98.5	KLQM	CC from KWBY-FM
TX Snyder	89.9	NEW	PG 19kw/139m, 32-45-47/100-53-08
TX Texarkana	102.5	KKYR-FM	AF 1.4kw/45m, 33-27-36/94-00-57 (aux)
TX Victoria	89.3	KBRZ-FM	CC from KXGJ
TX Wichita Falls	107.9	KXWF-LP	XR 33-53-51/98-32-33
TX Winters	96.1	KORQ	CC from KFNA
UT Salina	94.5	NEW	PG>66kw/718m
VA Culpeper	91.5	WARN	PR>400w/287m, 38-18-39/78-00-13
VA Iron Gate	101.9	WJVR	CC for NS
VA Manassas	106.7	WJFK-FM	PR<20kw
VA Staunton	93.1	WSVO	PC>3.9kw/125m, 38-14-33/78-59-24
WA Moses Lake	88.7	KDMB	PR>4.6kw/246m, 47-19-08/119-42-18
WA Sedro-Woolley	88.9	KPLK	NW 1.75kw/47m, 48-32-30/122-17-43 (KPLU)
WA Sedro-Woolley	88.9	KPLK	PG 1.75kw/47m
WA Sedro-Woolley	88.9	KPLK	PR>1.75kw/47m
WA Walla Walla	89.7	KWWS	PR>10.3kw/418m
WI Forestville	91.7	WQQA	NW 11.8kw/45m, 44-33-41/87-29-59 (R. 74 Intl.)
WI Laona	102.3	WXVM	CC from WYVM
WI Sheboygan	90.9	WYVM	CC from WXVM
WI Sheboygan	90.9	WYVM	NW 6.1kw/40m, 43-51-42/87-46-21 (WRVM)
WV Huntington	88.1	WMUL	PC>1.4kw/-15m
WV Parkersburg	103.1	WHBR-FM	PR3.8kw/127m, 39-14-47/81-28-19
WV Petersburg	89.5	WAUA	XR 39-11-06/79-18-16



# PHOTO NEWS

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

January 2013

Eric Bueneman, N0UIH, returns with his best of Summer 2012 DX from Hazelwood, MO:



KAIT-8.2 Jonesboro, AR  
 195 mi Tr seen 7-27-12



KOTA-2.1 Rapid City, SD  
 760 mi Es seen 6-10-12



WEVV-44.2 Evansville, IN  
 165 mi Tr seen 7-2-12

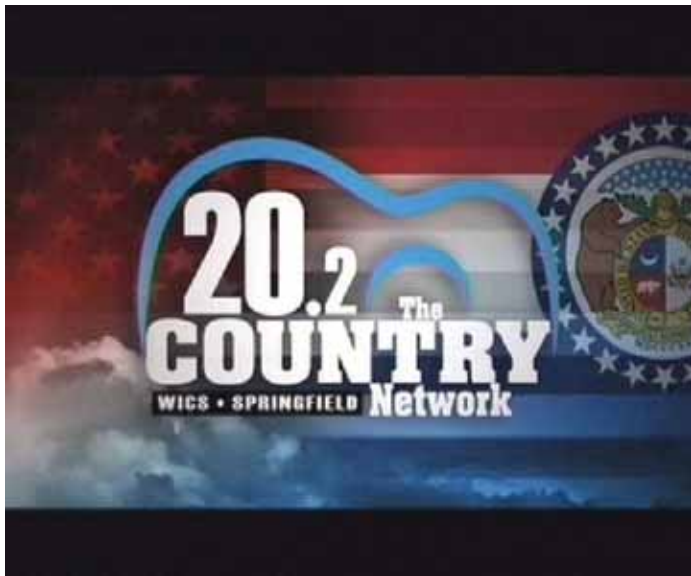


KSPR-19.2 Springfield, MO  
 195 mi Tr seen 7-27-12  
*"with KYTV-44.1 news"*



XEFE-2 Nuevo Laredo, TAM  
 940 mi Es seen 5-30-12





WICS-42.2 Springfield, IL  
80 mi Tr seen 6-30-12  
"Missouri flag in ID slide!"



WTHI-10.2 Terre Haute, IN  
170 mi Tr seen 6-11-12



WTJR-32.2 Quincy, IL  
110 mi Tr seen 7-1-12



WCIU-27.1 Chicago, IL  
255 mi Tr seen 6-28-12

Thanks, Eric. Two more channels in the Houston area were lost to digital station in October (KUVM-LD-22 and KUVM-CD-34). Down to 14 open channels on UHF. Whoopee! KVVV-LD-15 continues to show a continuous loop of Harry Pappas (Pappas Telecasting) giving a commencement speech at CSU Stanislaus in 2007. What a waste.

73's, JEFF

## WTFDA/NRC/IRCA/MN DX CLUB CONVENTION

August 1 Thru 4, 2013



The site of this year's convention of the Minnesota DX Club, the NRC, IRCA and WTFDA is Minneapolis, MN.

To hear a friendly voice tell you about it, click the link.

<http://www.durenberger.com/CONVPROMOa.mp3>



# Coast to Coast TV DX

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

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

Nick Langan

1040 Riverview Drive

Florence, NJ 08518

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

## *The Editor's Note*

We hope you had a wonderful Christmas, and here's to a great 2013! The month of December started out quite mild in the temperature department across most of the U.S. but has since turned much more seasonal, with a large swath of the country getting the chance to see a white Christmas. The colder weather subsequently diminished chances for any tropo opportunities in most areas, with the usual exceptions around the Gulf of Mexico.

Inside this edition of C2CTV DX, Danny Oglethorpe checks in with some DX he received in Louisiana in December, Bob Seybold summarizes the autumn band conditions in Western New York, and Dennis Smith keeps us up to date on the DX happenings in Southern California.

### **Danny Oglethorpe**

P.O. Box 8025

Shreveport, LA 71148-8025

E-mail: [doglethorpe@yahoo.com](mailto:doglethorpe@yahoo.com)

TV DX Photographs: <http://www.TVDXExpo.com>

Mexico/Latin America TV DX ID

Tips: <http://www.TVDXTips.com>

Time used is Central Time.

Only the first logging of each station per report period is listed.

Mexico relay text IDs are generally displayed about five seconds. The time listed for log entry is the time text ID was supered.

#### December 4, 2012

1325 Cuba 3 Cubavision ID later

1325 Cuba 4 // 4

1430 WUVF-LP-2 Naples, FL Univision and local ads

1435 Cuba 5 Perlavision ID See Note # 1

1502 Cuba 2 Cubavision ID // 3

1530 Cuba 6 Cubavision ID

1615 Cuba 2 Canal Habana ID and nx

1657 Cuba 2 TelePinar ID

1658 Cuba 5 TeleCubanacan ID See Note #1

1715 unID 4 Color Bars

1730 XHNQR-5 Cancun, QROO See Note # 2

1730 Cancun 2 and 4

1730 XHY-2 Merida, YUC Sipse

1745 TGV-3 Guatemala Log upper right

1800 HRTG-5 Honduras Logo

1835 ?XHDY?-6 Unknown location XHDY-5 logo upper right

1841 XHVIZ-3 Villahermosa, TAB Text ID upper right

1905 XHP-4 Tehuacan, PUE XHP-3 logo upper right

1905 XHP-3 Puebla, PUE Logo upper right

#### December 8, 2012 Es

1940 XHDRG-2 Durango, DGO Text ID upper right

1950 XHCOL-3 Atenquique, JAL Text ID upper left

#### December 15, 2012 Tropo

2120 KAIT-DT-8 Jonesboro, AR 289 miles NEW LOG

Note # 1 Perlavision and TeleCubanacan both use the same channel 5 transmitter in Santa Clara. Perlavision programs begin at 1600 ET and TeleCubanacan at 1700 ET.

Note # 2 XHNQR-5 relays XHLQR-7. A new "7" logo is upper right during local (Quintana Roo) programs. The Once "O HD" logo is up during Once programming.

### **Bob Seybold**

1865 W. Main Road

Silver Creek, NY 14130

(716)934-7550

Nick:

A short report as there was some DX in October and November.

#### 10/17/12

Trops – all Erie digital

Cleveland 3 and 5 (WKYC/WEWS) all evening

Canadian tropo 40, 44, 47, 13, 31, 28, 67

(repeating CHCH 11), CKVR 3 Barrie, also now 35-1 (repeating CKVP), also London 10, Wingham 8

10/18/12  
all Erie, WEWS 5

10/19/12(AM)  
Erie, Cleveland 3 and 34 very strong, WEWS 5 weak

November  
Detroit, Toledo often on different days, also Flint, Ann Arbor, Saginaw on a couple occasions, Canadians good on many days. No super openings. Had meteor shower openings, no ID's, but considerable activity.

73's  
Bob Seybold

---

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

This report is for November 2012. Early month had high temperature and reasonable tropo, but changed with cooling and rain after that, with tropo backing off. Air temp started month in 60sF, then up to 90, then back to the 60s where it has been since. Ocean water temp started month at 64F and at end was 61. So-Calif tropo to San Diego/Tijuana/Tecate up to 220 mi:

Nov 1	Very poor	Cold fronts, cooling
Nov 2	None	
Nov 3-5	Var. poor	Hi-pressure, warm
Nov 6	<u>Fair+</u>	Kinda hot
Nov 7	Poor	Cooling
Nov 8-11	None	Cold fronts, cooler, windy
Nov 12-15	Poor-fair warmer	Calm, slightly
Nov 16-19	None	Rain
Nov 20-22	Very poor	Calm, still cool
Nov 23-24	Poor+	Slightly warmer
Nov 25-27	Very poor	Cooling
Nov 28-Dec 3	None	Rain

Seen at Don Voegelé's place, with his outdoor antennas:

**Nov 6** tropo 1230 PST SDiego/Tijuana/Tecate, with new on-air d25 "17" K??-CD? SDiego Univision 175 mi SE  
Simulcast with analog 17 (still KDTF-CA?) San Diego (both San Diego advertising). Both are low-power, but presently uncertain of calls.

With this 1 new, Santa Barbara in-town DTV total is now 58, or if DTVs seen up in local mountains are included, the total is 62.

Best of DX to all                      Dennis



## 2013 Tower Calendar Highlights:

- **The Sandia Peak TV/FM antenna farm high above Albuquerque, New Mexico.** At more than 10,000 feet above sea level, this is the highest-elevation site ever featured in the calendar.
- **WFXJ (formerly WJAX), Jacksonville, Florida.** This historic site, built in the 1930s, sits amidst the greens of a golf course.
- **KWAL, Wallace, Idaho.** This unique site features two towers split down the middle by a busy coast-to-coast highway, Interstate 90, as it threads through a narrow valley.
- **WVJS, Owensboro, Kentucky.** A reminder of the impermanence of broadcast infrastructure, this calendar photo features three towers that were

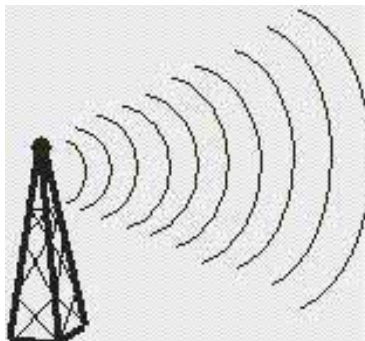
dismantled in 2011 after 65 years at the same site.

- **WXXI-TV, Rochester, New York.** A dramatic night photo showing a massive crane in action, removing an analog TV antenna from its 400-foot-high perch after the digital television transition made it obsolete.

In addition to tower photos, the calendar's monthly pages include significant dates in radio and television history, as well as civil and religious holidays.

The 2013 calendars cost \$18.50 each (\$19.98 including sales tax for New York State residents) and can be purchased by check (payable to "Fybush Media") or money order to 92 Bonnie Brae Avenue, Rochester NY 14618. Orders can also be placed with major credit cards, or online at [www.fybush.com](http://www.fybush.com).

# 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.

Jeff Falconer, VA3NN - Clinton ON EN93fo  
 Sangean HDT-1X, Sony XDR-F1HD, APS-13 at 22 , 10db preamp  
 New=\* New calls={XXXX} t=Tentative Time=ELT Distances=Miles

Jul 24 Es -MUF 107.9+, super opening with 38 new ones

1729	KEOM	88.5	Mesquite	TX	Calls 1108
1730	WLTQ	92.1	Venice	FL	Weather, "92-1 The Coast" 1136
1731	WZJZ	100.1	Port Charlotte	FL	AC, RDS PS: Y100 / PI: bogus KCXR 1160
1732	WRUM	100.3	Orlando	FL	Tropical music, Spanish ads 1037
1738	WRMA	106.7	Fort Lauderdale	FL	Spanish, RDS PI: WRMA 1217
1734	WAZO*	107.5	Southport	NC	Top 40, RDS PS: -Z1075- / PI: WAZO 687
1736	WAOA	107.1	Melbourne	FL	Bob's Chevrolet in Cocoa Beach 1068
1740	WCTQ	106.5	Sarasota	FL	C&W, RDS RT: CTQ Suncoast Country / PI: bogus KENM 1227
1741	WNKT*	107.5	Eastover	SC	Sports, mono 681
1742	KVLYt	107.9	Edinburg	TX	Maybe the one with ad for Rio Grande Valley Chevy dealers 1524
1745	KXXM	96.1	San Antonio	TX	Spanish ads, one for State Farm 1348
1746	{WDBO}	96.5	Orlando	FL	TLK, RDS PS: WDBO / PI: bogus WDAJ, ex WHTQ 1038
1747	WOSN	97.1	Indian Rvr Shores	FL	AC, RDS PS: "The Ocean" 1048
1752	WTKS	104.1	Cocoa Beach	FL	Classic Rock, using slogan "Real Talk 104.1" ?, RDS PS: artist/song / PI bogus KCZY 1037
1753	WFYV	104.5	Atlantic Beach	FL	Rock RDS PS: ROCK1045 / RT: JAX BEST ROCK 920
1754	WFXH	106.1	Hilton Head Beach	SC	Rock, RDS PS: ROCK 106 / PI: WFXH 786
1756	WNFK	92.1	Perry	FL	C&W, RDS PS: WNFK 939
1757	WPCV	97.5	Winter Haven	FL	Orlando ads, RDS PS: 97 Country / PI: WPCV
1758	WRJY	104.1	Brunswick	GA	C&W, " 104.1 The Wave, RDS PS: WRJY-FM
1800	WJHM	101.9	Daytona Beach	FL	Legal ID, "Orlando's #1 Station", on Sony
1801	WXTB	97.9	Clearwater	FL	Rock, RDS PS: 98ROCK / PI: bogus KBGT, HD 1066
1802	WRGO	102.7	Cedar Key	FL	RDS PS: WRGO, on Sony 997
1803	WQHL	98.1	Live Oak	FL	C&W, RDS PI: WQHL 933
1804	WMMO	98.1	Orlando	FL	Rock, RDS PS: artist/song / PI: bogus WVO
1805	WLRQ	99.2	Cocoa	FL	AC, RDS PI: bogus KBIK 1058
1806	WLNK*	107.9	Charlotte	NC	Pop, "The Link", HD, short skip 569
1807	WXGL	107.3	Saint Petersburg	FL	Rock, RDS PS: THE EAGLE / PI: WXGL 1076
1808	{WOMX}	105.1	Orlando	FL	"Orlando's Mix", ex WBJW 1037

1810	WPFM	107.9	Panama City	FL	AC, RDS PS: WPFM 933
1811	WMGF	107.7	Mount Dora	FL	AC, RDS RT: Magic107 / PI: bogus KBWZ
1812	WWJK*	107.3	Green Cove Spgs	FL	Cheap Trick song, HD 919
1813	WHTA	107.9	Hampton	GA	R&B, HD 717
1815	WALR	104.1	Greenville	GA	AC, HD 2 CH 726
1816	WFUS	103.5	Gulfport	FL	C&W, "US 103.5", HD 1088
1817	WAKT	103.5	Callaway	FL	C&W, "103-5 Hank FM", RDS PS: WAKT / PI: bogus WBFS 951
1818	WRBQ	104.7	Tampa	FL	Don Henley song, HD 2 CH 1081
1819	WVRK	101.9	Columbus	GA	Rock, RDS PS: Rock 103, on Sony 798
1820	WLTC*	103.7	Cusseta	GA	AC, RDS PS: Lite FM / PI: WLTC 790
1821	WDUV	105.5	New Port Richey	FL	AC, RDS PS: THE DOVE / PI: WDUV 1066
1822	WYYX	97.7	Bonifay	FL	Promo for Skid Row concert 929
1823	WHPH	97.7	Jemison	AL	Ads, RDS PS: WHPH / RT: 97.7 THE PEACH
1824	WSKY	97.3	Micanopy	FL	Gainesville ads, RDS PS: The Sky / PI: WSKY
1827	WDJR*	96.9	Enterprise	AL	AC, RDS PS: Mix 96.9 / PI: WDJR 905
1829	WQZY*	95.9	Dublin	GA	Ads, over powerhouse CFPL 756
1831	WMJJ	96.5	Birmingham	AL	Rock, "Magic 96", HD 758
1832	WKXK	96.7	Pine Hills	AL	Taking requests, RDS PS: WKXK-FM, over local CHYM 861
1833	WKNN	99.1	Pascagoula	MS	C&W, "K-99 FM", RDS PI: bogus KCVF 987
1833	WMFC	99.3	Monroeville	AL	Rolling Stones tune, RDS PS: WMFC 898
1834	WKCNC*	99.3	Ft Benning South	GA	C&W, RDS PS: Kissin' Country / PI: WKCNC 792
1835	WBMH	106.1	Grove Hill	AL	C&W, RDS PI: WBMH 891
1836	WZNJ*	106.5	Demopolis	AL	R&B, RDS PI: WZNJ 839
1837	WYAY	106.7	Gainesville	GA	Fox 5 Weather, "All News 106.7" 683
1838	WAVH	106.5	Mobile	AL	Calls, Savage Nation, RDS PS: FM TALK 106.5 / PI: WAVH 956
1839	WRGV	107.3	Pensacola	FL	HD, RDS PI: bogus KAWB 956
1840	WUWF	88.1	Pensacola	FL	TLK, HD 2 CH 959
1841	WQEN	103.7	Trussville	AL	HD, on Sony 758
1842	WLBF	89.1	Montgomery	AL	REL: AC, RDS PI: bogus KALE 813
1843	WVAS	90.7	Montgomery	AL	Jazz, RDS PS: WVASJAZZ 818
1844	WMFE	90.7	Orlando	FL	TLK, RDS PI: WMFE 1035
1846	WMLV*	93.5	Butler	AL	REL: AC, RDS PS: K-LOVE 93.5 / PI: WMLV, over local CBCL 876
1848	WMJY	93.7	Biloxi	MS	Ads, weather 987
1849	WMEZ	94.1	Pensacola	FL	Ads, RDS RT: SOFTROCK941.COM 956
1850	WDXB	102.5	Pelham	AL	C&W, RDS PI: bogus KFQX, HD 758
1851	WXBM	102.7	Milton	FL	Ads, RDS PS: WXBM 946
1852	WNPT*	102.9	Marion	AL	C&W, RDS RT: CATFISH COUNTRY 102.9 / PI: WNPT 809
1853	WXRR	104.5	Hattiesburg	MS	RDS PS: ROCK104, on Sony 937
1854	WOSM	103.1	Ocean Springs	MS	Preacher, RDS PS: WOSM / PI: bogus WVO
1855	WZKR*	103.3	Collinsville	MS	Sports, ads, mono 869
1856	WZYP*	104.3	Athens	AL	Ads, RDS PS: WZYP 667
1857	WZZK	104.7	Birmingham	AL	RDS PS: WZZK, on Sony 754
1901	KGAS	104.3	Carthage	TX	News, RDS PI: KGAS 1057
1902	WZKX	107.9	Bay Saint Louis	MS	C&W, "Kicker 108", RDS PI: WZKX 978
1903	KIXS	107.9	Victoria	TX	C&W, RDS PS: KIXS 108 1332
1904	WCGM	102.3	Gulfport	MS	Oldies, RDS PS: COAST102 / PI: WCGM 007
1905	KMKS	102.5	Bay City	TX	C&W, RDS RT: KMKS.COM / PI: bogus WZA
1906	WBUV*	104.9	Moss Point	MS	TLK, "Savage Nation on WBUV", mono, over 9 mile away CHWC 987
1907	WJDQ	101.3	Meridian	MS	RDS PS: Q101, on Sony 871
1908	WWL	105.3	Kenner	LA	Traffic report, RDS PS: WWL-FM / PI: bogus WBF 1048
1909	WERC*	105.5	Hoover	AL	BB, RDS RT: WERC News Radio 105.5 / PI: bogus KCQM 754
1910	KVVP	105.7	Leesville	LA	C&W, RDS PS: BIG DOG! / PI: KVVP 1081
1911	KGLK	107.5	Lake Jackson	TX	ZZ Top tune, HD 3 CH 1244
1912	KXBJ	96.9	El Campo	TX	Weather, RDS PS: KXBJ 1302
1913	WOKK	97.1	Meridian	MS	C&W, RDS PI: WOKK 870
1914	KBXX	97.9	Houston	TX	HD 1237

1916	Unid	100.7	?	??	C&W, RDS PI: bogus WVO, beamed south, maybe WDMS?
1917	KLOL	101.1	Houston	TX	Spanish, RDS PS: KLOL, HD 1237
1918	KHLL	100.9	Richwood	LA	Ad string 961
1919	{WCOA}	100.7	Pensacola	FL	Ads, "WCOA News Talk 100.7", RDS PS: WCOA, ex WJLQ 957
1921	KZBL*	100.7	Natchitoches	LA	Ads, one for Lee's Furniture in Natchitoches
1923	KNTE	101.7	Bay City	TX	Spanish, RDS PS: KNTE, on Sony 1302
1926	KMJQ	102.1	Houston	TX	R&B, "Magic 102.1". RDS PS: KMJQ / PI: bogus WXY 1237
1928	KLAW	101.3	Lawton	OK	C&W, RDS PS: KLAW / RT: artist/song 1104
1929	KRRV	100.3	Alexandria	LA	C&W, RDS PS: KRRV 1055
1930	KSML*	101.9	Huntington	TX	Spanish, "Super Mix" 1110
1932	KBPA*	103.5	San Marcos	TX	AC, "Bob FM, RDS PI: KBPA 1297
1933	KRBE	104.1	Houston	TX	AC, RDS PI: KRBE, HD 1237
1934	KKMY	104.5	Orange	TX	AC, RDS PS: KISS FM / PI: KKMY 1150
1935	KIOC	106.1	Orange	TX	Rock, RDS PS: Big Dog / PI: bogus KCMO
1936	KBOC	98.3	Bridgeport	TX	Spanish, RDS RT: La Zeta / PI: KBOC 1110
1937	KISS	99.5	San Antonio	TX	Rock, RDS PS: artist/song / PI: KISS 1353
1939	KMJJ	99.7	Shreveport	LA	Ads over 9 mile away CIYN1 1014
1940	KYKR	95.1	Port Arthur	TX	C&W, RDS PS: Kicker / PI: bogus KCBT
1941	KFWR	95.9	Mineral Wells	TX	Ads, C&W, "95.9 The Ranch", over local CFPL 1175
1942	KZXL	96.3	Hudson	TX	R&B, "Hot 96-3" 1076
1943	KHMX	96.5	Houston	TX	Ads, RDS PS: KHMX 1237
1944	KQHN	97.3	Waskom	TX	Ads 104
1945	KFNC	97.5	Mont Belvieu	TX	Traffic, sports, "ESPN 97-5", mono 1193
1946	KNBB	97.7	Dubach	LA	ESPN Sports, mono 965
1947	KILT	100.3	Houston	TX	Ads, RDS PS: artist/song / PI: KILT 1237
1948	KEAN	105.1	Abilene	TX	Ads 1254
1950	KXTN	107.5	San Antonio	TX	Spanish, RDS PI: KXTN 1353
1952	KHPT	106.9	Conroe	TX	Houston area ads, RDS PI: bogus WVO, HD
1954	KJLO	104.1	Monroe	LA	C&W, RDS PS: artist/song / PI: KJLO 947
1955	KJOJ*	103.3	Freeport	TX	Spanish ad for Rex Perry Autoplex in Houston 1284
1958	KNTU	88.1	Denton	TX	TLK, RDS PS: THE ONE / PI: KNTU 1102
2002	KERX	95.3	Paris	AR	Rock, RDS RT: artist/song / PI: KERX 880
2003	KLNO	94.1	Fort Worth	TX	Spanish, HD 1130
2005	KKRW	93.7	Houston	TX	Rock, RDS PS: ARROW / PI: bogus KEQI, HD
2009	KJKE	93.3	Newcastle	OK	C&W, RDS PS: artist/song, PI: KJKE 1034
2010	KKBQ	92.9	Pasadena	TX	C&W, RDS PS: NEW 93Q / PI: KKBQ 1237
2012	KWFB	100.9	Holliday	TX	Classic rock, "Bob FM", RDS PS: BOB-FM / PI: KWFB 1142
2013	KTCY*	101.7	Azle	TX	Spanish, RDS PI: KTCY 1110
2016	KVRK	100.9	Sanger	TX	ALT rock, RDS PS: Power FM / PI: KVRK
2017	KNIN	92.9	Wichita Falls	TX	R&B, RDS PS: KNIN 1133
2018	KAMO	94.3	Rogers	AR	Ads for NW AR 823
2019	KATI	94.3	California	MO	Cardinals BB swapping with KAMO, RDS RT: 94.3 KAT COUNTRY 667
2020	KBTS*	94.3	Big Spring	TX	Ads, "The Fuse" 1336
2021	KOLI	94.9	Electra	TX	C&W, RDS PS: OUTLAW / PI: KOLI 1144
2022	KKAJ	95.7	Ardmore	OK	Ads 1066
2023	KLTG	96.5	Corpus Christi	TX	"The Beach", RDS PS: KLTG / PI: bogus WHJ
2024	WBAP	96.7	Flower Mound	TX	Ads over CHYM, RDS PS: WBAP / RT: LAURA INGRAHAM, mono 1110
2025	KDXX	99.1	Denton	TX	Spanish, HD 1115
2026	KAKS*	99.5	Huntsville	AR	Sports, "The Hog" 833
2026	KFMD*	101.5	Greenland	AR	Ads, "Classic Hits 101-5" 853
2027	KMJQ	102.1	Houston	TX	Ads, HD 1237
2028	KPNC	100.7	Ponca City	OK	C&W, RDS RT: 101 COUNTRY-KPNC 945
2029	KWFS	102.3	Wichita Falls	TX	C&W, RDS PS: Lonestar / PI: KWFS 1133
2030	KIOX	96.1	Edna	TX	Ads for El Campo 1297
2031	KKBA*	92.7	Kingsville	TX	R&B, "K-Bay", over local CJBX 1417
2033	KWME	93.7	Wellington	KS	Minor league BB, RDS PI: KWME, over local CJBX 942

2034	KDGS	93.9	Andover	KS	Ads 926
2035	KCVW	94.3	Kingman	KS	Preacher //stream 948
2036	KKEZ	94.5	Fort Dodge	IA	AC, RDS PS: MIX-94.5 / PI: bogus WHB 645
2037	KMGZ	95.3	Lawton	OK	Ads, RDS PS: MAGIC 95.3 / PI: bogus WVH
2038	KRBB	97.1	Wichita	KS	HD 2 CH, on Sony 928
2039	KXDJ	98.3	Spearman	TX	Perryton ads 1156
2040	KHAZ	99.5	Hays	KS	C&W, RDS PI: KHAZ 979
2041	KYKC	100.1	Byng	OK	C&W, RDS PS: artist/song / PI: KYKC
2042	KKQY	101.9	Hill City	KS	Ads, RDS PS: Bull! / PI: KKQY 983
2043	KRMG	102.3	Sand Springs	OK	TLK //KRMG-740, mono. RDS PS: KRMG / PI: bogus WVO 925
2045	KJSR	103.3	Tulsa	OK	Ads, RDS PI: KJSR 914
2047	KSLE*	104.7	Wewoka	OK	Rock, RDS RT: KSLE 104.7 / PI: bogus WHU, 1700 watts 993
2052	K288FQ*	105.5	Lawton	OK	Ads //KWFB-100.9, "Bob FM", 230 watts
2053	KIRC*	105.9	Seminole	OK	C&W, RDS PI: KIRC 992
2055	KOSN	107.5	Ketchum	OK	TLK, RDS PI: KOSU (not KOSN) 873
2057	KXTN	107.5	San Antonio	TX	Tejano, RDS PI: KXTN 1353
2059	KRXO	107.7	Oklahoma City	OK	Legal ID, RDS PS: KRXO 1014
2101	KTKX	106.7	Terrell Hills	TX	Rock, RDS PS: X106-7 / PI: KTKX 1367
2102	WWLS	98.1	The Village	OK	HD, on Sony 1014
2103	KVOO	98.5	Tulsa	OK	HD, on Sony 925
2104	KZEP	104.5	San Antonio	TX	Rock, RDS PI: bogus KAYL 1354
2105	{KMGL}	104.1	Oklahoma City	OK	Delilah, RDS PI: KMGL / RT: MAGIC, ex KOFM 1014
2107	KPRF	98.7	Amarillo	TX	RDS PS: JACK FM, on Sony 1234
2108	KTGX*	106.1	Owasso	OK	C&W, "The Twister", RDS PI: bogus KBCH
2111	KYIS	98.9	Oklahoma City	OK	Rock, RDS PI: KYIS 1014
2115	KOMB*	103.9	Fort Scott	KS	"All Hits 103-9 KOMB" 796
2116	KJYO	102.7	Oklahoma City	OK	AC, "KJ 103", HD, e-QSL rcvd, FM State # 27 QSLed 1014
2118	KVSP	103.5	Anadarko	OK	R&B, "Power 103-5", RDS PS: KVSP, e-QSL rcvd 1077
2120	KACY*	102.5	Arkansas City	KS	Weather report, "102-5 The Riiver" 929
2121	KODA	99.1	Houston	TX	Ads, "Sunny", RDS RT: Houston's Best Variety / PI: bogus KBZY 1237
2122	KBZQ*	99.5	Lawton	OK	AC, RDS PS: KBZQ-FM 1102
2123	KACO*	98.5	Apache	OK	C&W, RDS PS: KACO / PI: bogus WAG / RT: SUPERSTAR COUNTRY 98.5 1080
2125	KJMZ*	97.9	Cache	OK	Ads, RDS PI: KJMZ 1102
2126	KONE	101.1	Lubbock	TX	Rock, RDS PS: ROCK 101 / PI: KONE 1301
2129	KCSC	90.1	Edmond	OK	CLA, HD 2 CH, e-QSL rcvd 1013
2133	KKHH	95.7	Houston	TX	AC, RDS PS: Hot 957 / PI: KKHH 1237

2134	KWKM*	95.7	Saint Johns	AZ	Nice double hop, several ads mentioned northeast Arizona, "Power 95-7", AZ # 3 here! I have often noticed that the very end of a skip opening will produce some amazing distances. 1633
2145	KLEY	95.7	Jourdanton	TX	San Antonio ads in Spanish 1388
2146	KUHF	88.7	Houston	TX	HD 3 CH 1237
2158	WMAW	88.1	Meridian	MS	TLK, RDS PS: MPB 88.1, HD 892

Jul 27 Ms

1543	WBHY	88.5	Mobile	AL	".This is Power 88.", previous by Es 956
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Jul 29 Es -MUF 93.1

1052	WDNX	89.1	Olive Hill	TN	Preacher, RDS PI: WDNX 676
1054	WMAU	88.9	Bude	MS	TLK, HD 2 CH 983
1058	KRVS	88.7	Lafayette	LA	Cajun music, HD 1093

1059	WAVI*	91.5	Oxford	MS	REL, legal ID 787
1100	WPAE	89.7	Centreville	MS	REL, RDS PS: WPAE89.7 1008
1107	KHLA	92.9	Jennings	LA	R&B, RDS PS: THE LAKE / PI: KHLA 1121
1108	KQID	93.1	Alexandria	LA	R&B, RDS PS: Q93FM / PI: KQID 1010
1110	WMSB	88.9	Byhalia	MS	REL, RDS PS: WMSB / RT: WMSB American Family Radio 754
1118	WMFS*	92.9	Bartlett	TN	Sunday church service, RDS PI: bogus WKA, HD 735
1122	WKNO	91.1	Memphis	TN	TLK, RDS PS: WKNO-FM. HD 732
1124	KEDM	90.3	Monroe	LA	Jazz, HD 3 CH 944

Aug 04 Es -MUF 94.1

1129	KEOM	88.5	Mesquite	TX	Calls, oldies 1108
1135	KETR	88.9	Commerce	TX	"Car Talk", HD 1056
1136	KRNH	92.3	Kerrville	TX	Ads, RDS RT: 92.3 KRNH THE RANCH 1342
1138	KLNO	94.1	Fort Worth	TX	Spanish, HD 1130
1149	KMUW	89.1	Wichita	KS	TLK, RDS PS: KMUW / PI: bogus KMTV 929

Aug 05 Ms

1150	KMLV	88.1	Ralston	NE	REL: AC, RDS PS: K-LOVE, PI: bogus WAD, again at 1231 756
2140	WBOJ	88.5	Lumpkin	GA	RDS PI: WBOJ 823

Aug 06 Ms or Es?

1729	KEOM	88.5	Mesquite	TX	Oldies //stream, in for almost 2 min so maybe Es? 1108
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Aug 08 Ms -Perseids

0101	WEPN*	98.7	New York City	NY	Many pings, ESPN Sports Center, RDS PI: WEPN, State # 35 by Ms! 435
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Aug 08 Tr

0115	CBCP*	98.7	Peterborough	ON	CBC Radio One, mono, making echo with CBCB. Owen Sound, was on 93.5 173
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Aug 09 Tr

0027	WAKW	93.3	Cincinnati	OH	Weather, "Star 93-3" 342
1519	WIMK	93.1	Iron Mountain	MI	Ads, "93 Rock" 354

Aug 09 Ms -Perseids

1408	KMST	88.5	Rolla	MO	".KMST." 668
1505	WLBF	89.1	Montgomery	AL	Preacher, RDS PS: Faith Radio / PI: bogus KALE 813
1603	CJMK*	98.3	Saskatoon	SK	".of the Saskatoon Police.downtown Saskatoon.". Province # 5 by Ms and Ms logging # 300 overall! 1288
1649	KWQW	98.3	Boone	IA	TLK, RDS PI: bogus KWPV 637

Aug 10 Ms -Perseids

0101	KXGT	98.3	Carrington	ND	Beach Boys tune, RDS PI: bogus WFJ / RT: SUNNY 883
0112	WCOW	97.1	Sparta	WI	C&W, RDS PI: bogus WPM, previous by Tr
0113	KELN	97.1	North Platte	NE	RDS PS: artist/song / PI: KELN 991
0115	KIBB	97.1	Haven	KS	RDS PS: BOB-FM / PI: KIBB 928
0144	KJWR	90.9	Windom	MN	Preacher, RDS PS KJWR-FM 683
0208	KSOU	93.9	Sioux Center	IA	RDS PI: KSOU 743
0216	KJMK*	93.9	Webb City	MO	RDS PI: KJMK 811



0226	KSSZ*	93.9	Fayette	MO	RDS PS: Eagle / PI: KSSZ 649
0300	KLQP*	92.1	Madison	MN	Legal ID "92.1 'Q-92' is KLQP, Madison - Dawson", 30 sec burst 732
0322	KFNW	97.9	Fargo	ND	REL, RDS PS: LIFE979 /PI: KFNW previous by Es 796
0328	KWFX	100.1	Woodward	OK	RDS PI: KWFX 1072
1207	KJKE	93.3	Newcastle	OK	C&W, RDS PI: KJKE 1034
1231	KHMX	96.5	Houston	TX	RDS PI: KHMX 1237
1333	Unid	99.1	?	??	ESPN Sports to the west, either KSOO or KSEK. Not sure if KSEK is still ESPN or not. Either would be new
1339	Unid	100.3	?	??	C&W music to the west, bogus RDS PI: WKH
1452	KSOU	93.9	Sioux Center	IA	RDS PI: KSOU 743
1503	KSDN	94.1	Aberdeen	SD	Rock, RDS PI: KSDN 846
1529	KSRZ	104.5	Omaha	NE	Annie Lennox song, RDS PI: KSRZ 756

Aug 10 Tr

1508	WZOR	94.7	Mishicot	WI	Metal music, "Razor 94-7" 315
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Aug 11 Ms -Perseids

0017	KQBU	93.3	Port Arthur	TX	Spanish, RDS PS: QUE BUENA / PI: KQBU, previous by Es 1177
0134	WOGK	93.7	Ocala	FL	Ad for Honda Of Ocala 990
0604	KWQW	98.3	Boone	IA	Ad, 30 second burst, RDS PI: bogus KWPV
1058	WJXA*	92.9	Nashville	TN	".at any participating Nashville area store."
1425	KKBQ	92.9	Pasadena	TX	Ad for Randall Reid Planet Ford in Humble, long burst, prev by Es 1237
1444	KNIN	92.9	Wichita Falls	TX	RDS PS: KNIN, previous by Es 1133
1653	KLBJ	93.7	Austin	TX	Guns & Roses tune, RDS PS: Eagle / PI: KLBJ, previous by Es 1280
1712	WFFN	95.3	Coaling	AL	C&W, RDS PI: WFFN, previous by Es 798
1715	WRXX	95.3	Centralia	IL	RDS PI: WRXX 522
1725	KXMO	95.3	Owensville	MO	Ad, RDS PS: KXMO. previous by Es 639
2041	WFLZ	93.3	Tampa	FL	RDS PI: bogus KBEH 1088
2137	KRMX	92.9	Marlin	TX	Ad, RDS PS: SHOOTER / PI: KRMX, previous by Es 1200

Aug 11 Tr

1750	WQLK	96.1	Richmond	IN	Weather report 311
1817	WLXQ	96.3	Columbus	OH	Concert promo, "Q-FM 96.3" 263
2121	WPWX	92.3	Hammond	IN	Hip-hop, "Power 92.3" 334

Aug 12 Ms -Perseids

0022	WCSP*	90.1	Washington	DC	RDS PI: WCSP / PTY: News 398
0107	WASH	97.1	Washington	DC	"America's best music is here on 'Wash 97'", RDS PI: bogus KCMD 395
0109	WQHT	97.1	New York City	NY	Hip-hop, RDS PS: Hip-hop / PI: WQHT, previous by Es and State # 35 via Ms. Again at 0122 with promo for New York Comedy Festival 435
0113	WYNDt	97.1	Hatteras	NC	Tentative, ".Mike and Mike in the Morning on 97.1 ESPN Radio." 634
1140	WSRV	97.1	Gainesville	GA	Fleetwood Mac song, RDS PI: WSRV 666

Aug 12 Es -MUF 92.9 Adds to theory that Ms can help trigger Es in some cases

1932	KPPW*	88.7	Williston	ND	Promo for programs on Prairie Public Radio
2015	KMLV	88.1	Ralston	NE	REL, RDS PS: K-LOVE, PI: bogus WAD 756
2016	KLNE	88.7	Lexington	NE	CLA music, HD 2 CH 947
2020	KHNE	89.1	Hastings	NE	CLA music, HD 870
2028	KIWR	89.7	Council Bluffs	IA	Concert promo. "The River" 756

2053	KJTH	89.7	Ponca City	OK	REL: AC, RDS PI: KJTH 975
2117	WRKF	89.3	Baton Rouge	LA	GOS, HD 2 CH 1056
2119	WRKN	92.3	Laplace	La	Rock, RDS PS: WRKN 1069
2133	WMAU	88.9	Bude	MS	CLA, RDS PS: Think Radio / PI: WMPN 983
2140	WJFM	88.5	Baton Rouge	LA	"The Sonlife Radio Network" 1052
2144	KHLA	92.9	Jennings	LA	RDS PS: THE LAKE / PI: KHLA 1121

Aug 14 Ms -Perseids

0039	WJTG	91.3	The Valley	GA	Preacher, RDS PI: WJTG 764
0045	WMPN	91.3	Jackson	MS	TLK, RDS PS: Think Radio / PI: WMPN 923
0113	WBLX	92.9	Mobile	AL	30 second bust of ad for Pensacola business

Aug 17 Ms -Perseids

1224	WBOJ	88.5	Lumpkin	GA	REL: AC, RDS PS: WBOJ 823
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Aug 19 Ms or Es?

1201	KEOM	88.5	Mesquite	TX	90 second burst< may have been Es, full legal ID and underwriters 1108
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Aug 22 Es -MUF 90.9 briefly

2048	KEOM	88.5	Mesquite	TX	Oldies //stream 1108
2059	KNON	89.3	Dallas	TX	Blues, HD 1130
2103	KETR	88.9	Commerce	TX	Weather, legal ID 1056

Aug 22 Ms

2216	WBHY	88.5	Mobile	AL	".Power 88." 956
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Aug 22 Tr

2348	WYMS	88.9	Milwaukee	WI	Poor, "Radio Milwaukee" 322
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Aug 25 Tr

0824	W224CC*	92.7	Detroit	MI	TLK, "Detroit's conservative talk radio Newstalk 1400 The Patriot", all over CJBX, //WDKT 1400 AM, 250 watts 105
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Aug 25 Ms

2336	KWFX	100.1	Woodward	OK	Ad, RDS PI: KWFX 1072
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Aug 27 Ms

0735	WPAS	89.1	Pascagoula	MS	RDS PS: FAMILY / PI: WPAS 977
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Aug 28 Ms

2301	WLBF	89.1	Montgomery	AL	REL: AC, RDS PI: bogus KALE 813
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Aug 29 Ms

1055	KIWR	89.7	Council Bluffs	IA	".The River 89.7 is." 756
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Aug 29 Tr

2045	WMYX	99.1	Milwaukee	WI	Fleetwood Mac song, "The Mix" 332
2046	WONU	89.7	Kankakee	IL	Underwriters list, "The Shine" RDS PI: WONU

Aug 30 Tr

0818	WNCI	97.9	Columbus	OH	DJ banter, ads, no WJLB 263
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2020	WAUS	90.7	Berrien Springs	MI	Calls, CLA music, rare	270
<u>Sep 01 Tr</u>						
0000	WFRG	104.3	Utica	NY	Legal ID, C&W music, "The Big Frog"	311
0016	WNTQ*	93.1	Syracuse	NY	Ads, "93-Q"	282
0025	WMHR*	102.9	Syracuse	NY	REL: AC //stream	273
0050	WOLF*	105.1	Deruyter	NY	C&W, "Wolf 95.1 and 96.7"	293
1021	WUWM	89.7	Milwaukee	WI	"Car Talk"	322
<u>Sep 03 Ms</u>						
1205	KEOM	88.5	Mesquite	TX	Oldies //stream	1108
<u>Sep 13 Tr</u>						
1742	WPWX	92.3	Hammond	IN	Chicago ads, hip-hop, "Power 92.3"	334
<u>Sep 15 Ms</u>						
1004	KXGT	98.3	Carrington	ND	45 second burst, song by The Sweet, RDS PS: TED FM (new slogan) /PI: bogus WFJ	
1143	WNSX*	97.7	Winter Harbor	ME	".on WNSX."	672
<u>Sep 22 Ms</u>						
1618	WDJC	93.7	Birmingham	AL	Promo with mentions of Birmingham, previous by Es	758
1846	WNOB	83.7	Chesapeake	VA	RDS PI: WNOB	564
<u>Sep 22 Tr</u>						
1649	WFCJ	93.7	Miamisburg	OH	REL. "The Source"	308
<u>Sep 29 Tr</u>						
2252	WAKW	93.3	Cincinnati	OH	REL: AC, "Star 93-3"	342
<u>Sep 30 Ms</u>						
0724	Unid	93.3	?	??	RDS PI: bogus WED / PTY: Rock, beamed south	
0759	WSYE	93.2	Houston	MS	RDS PI: WSYE	787
<u>Oct 04 Ms</u>						
2325	KWQW	98.3	Boone	IA	TLK, RDS PI: bogus KWPV	637
<u>Oct 05 Tr</u>						
1142	CINA*	102.3	Windsor	ON	Punjabi language program, "Seena FM" jingle, new on air	118
<u>Oct 05 Ms</u>						
1206	KHNE	89.1	Hastings	NE	CLA music, RDS PI: KHNE	870
<u>Oct 06 Tr</u>						
1153	WNUA	95.5	Chicago	IL	Weak, Spanish ads	331
<u>Oct 08 Ms</u>						
1413	Unid	95.5	?	??	RDS PI: bogus WZPO / PTY: Country, beamed west	

Oct 13 Tr

0115	WPHS	89.1	Warren	MI	Alternative rock, calls, rare, 100 watts	106
2241	WZOR	94.7	Mishicot	WI	Metal music, "Razor 94-7"	315

Oct 13 Ms

1522	KRBZ	96.5	Kansas City	MO	".at the Beaumont Club in Westport." previous by Es 744	
2032	KKXL	92.9	Grand Forks	ND	Hip-hop, RDS PI: KKXL	805

Oct 19 Ms

2332	KIBZ	104.1	Crete	NE	RDS PS: ROCK 104 / PI: KIBZ, previous by Es 810	
2344	KFXJ	104.5	Augusta	KS	Long burst of ad, RDS PI: bogus WDJ, previous by Es 916	

Oct 20 Tr

0006	WOJO	105.1	Evanston	IL	Spanish, Evanston mentions	331
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Oct 21 Ms

0122	KYNU	95.5	Jamestown	ND	C&W, RDS PI: boigus WSS	847
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Oct 28 Ms

2010	WPAS	89.1	Pascagoula	MS	Preacher RDS PI: WPAS	977
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Oct 30 Ms

0936	WUKY*	91.3	Lexington	KY	Bluegrass music, RDS PS: WUKY91.3 / PI: bogus WUY	422
0939	WMPN	91.3	Jackson	MS	TLK, RDS PI: WMPN	923
1118	WJTG	91.3	The Valley	GA	RDS PI: WJTG	764
1154	KBEZ	92.9	Tulsa	OK	".home of the best in Tulsa."	925

Oct 30 Tr

1340	CHJX*	99.9	London	ON	REL: AC, "Grace FM", concert promo, ex 105.9	46
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Nov 03 Ms

1150	KMHA	91.3	Four Bears	ND	Several burst of C&W music //stream	1061
1718	KWQW	98.3	Boone	IA	RDS PI: bogus KWPV	637

Nov 04 Ms

0027	Unid	94.1	?	??	R&B, RDS PI: bogus WYZ, beamed west	
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Nov 11 Tr

2156	WONU	89.7	Kankakee	IL	Promo, "Shine FM"	365
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Nov 11 Ms

2252	KJTH	89.7	Ponca City	OK	RDS PS: artist/song / PI: KJTH	975
2302	WDJC	93.7	Birmingham	AL	".and WDJC Birmingham."	758

Nov 17 Tr

0927	WSMB*	89.3	Harbor Beach	MI	REL: AC, "Smile FM", legal ID at 1000, new to air	73
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Nov 18 Ms

1042 KXGT 98.3 Carrington ND RDS PS: artist/song / PI: bogus WFJ 883

Nov 21 Tr

2314 WUWM 89.7 Milwaukee WI Promo for a giveaway 322  
 2320 WPWX 92.3 Hammond IN Hip-hop, RDS PI: WPWX 334  
 2328 WZOR 94.7 Mishicot WI Metal music, "Razor 94-7", RDS RT: THE RAZOR / PI: WZOR 315  
 2332 WKLH 96.5 Milwaukee WI Ads 322  
 2334 WDRV 97.1 Chicago IL Good with tune by The Cars, RDS PS: THEDRIVE / PI: WDRV 331  
 2336 WJMR 98.3 Menomonee Falls WI R&B, "Jammin' 98.3" 327  
 2341 WMYX 99.1 Milwaukee WI Ads, RDS PS: The Mix, HD 2CH 332  
 2342 WUSN 99.5 Chicago IL Ads, "US 99.5" 331  
 2343 WPJP 100.1 Port Washington WI Catholic REL, "Relevant Radio" 324  
 2345 WIXX 101.1 Green Bay WI AC, RDS PS: 101 WIXX 326  
 2349 WHQG 102.9 Milwaukee WI Loud, rock, "The Hog", RDS PI: WHQG 327  
 0007 WMBI 90.1 Chicago WI Moody REL, RDS PS: WMBI 349  
 0029 WTMX 101.9 Skokie IL AC, "The Mix" 332  
 0031 WPPN 106.7 Des Plaines IL Spanish ads 343  
 0132 KCQQ 106.5 Davenport IA Rock, RDS PS Q106.5 / PI: KCQQ 472  
 0144 WLKU\* 98.9 Rock Island IL REL: AC, "K-Love" 478  
 0200 WKZC\* 94.9 Scottville MI Legal ID, C&W, "The Big Dog" (new slogan)  
 0217 WVCY 107.7 Milwaukee WI VCY REL 332  
 0223 WMOM 102.7 Pentwater MI Ads, calls, rare 242  
 0238 WMUS\* 107.9 Muskegon MI C&W, "107 Mus", HD 2 CH 242  
 0255 WHTS 105.3 Coopersville MI Rare over CFCA, RDS PS: HOT-FM / PI: WHTS 221  
 0256 WMWK\* 88.1 Milwaukee WI REL: AC, "Family Radio", legal ID, 1100 watts  
 0302 WYMS 88.9 Milwaukee WI Legal ID, "Radio Milwaukee", RDS PI: bogus KZBH 322  
 0345 WNUA 95.5 Chicago IL Spanish, "El Patron", ads 331  
 0347 WXXQ\* 98.5 Freeport IL Ads for Freeport, Rockford, and Sycamore  
 0410 WOJO 105.1 Evanston IL Spanish //steam 331  
 0719 WAPL 105.7 Appleton WI Rock, "The Apple", RDS PI: WAPL 325  
 0719 WPNE 89.3 Green Bay WI TLK, HD 326  
 0747 WDUZ\* 107.5 Brillion WI Sports, calls given at BOH 323  
 0811 WNCY 100.3 Neenah WI Remote from the Turkey Trot Run in Green Bay 335  
 0818 WHBZ\* 106.5 Sheboygan Falls WI Rock, "106.5 The Buzz" 310  
 0856 WHID 88.1 Green Bay WI Loud, legal ID, mono 325

Nov 24 Tr

1252 WAKW 93.3 Cincinnati OH Christmas music, "Star 93-3" 342

Nov 25 Ms

1044 WFLZ 93.3 Tampa FL RDS PI: bogus KBEH 1088

Nov 30 Ms

1039 KYIS 98.9 Oklahoma City OK ".at Kiss FM.", previous by Es 1014

Dec 01 Ms

1336 KJTH 89.7 Ponca City OK ".a chance to win 2 CDs.", RDS PI: KJTH  
 2319 KIWR 89.7 Council Bluffs IA RDS PI: KIWR 756  
 2328 KUAP 89.7 Pine Bluff AR Jazz, RDS PI: KUAP, previous by Es 857

Dec 04 Tr

1237 WCKZ\* 91.3 Orland IN REL: AC //WLAB-88.3, "Star 88.3" 222

1420 WFYI 90.1 Indianapolis IN Weak, "You are listening to WFYI, Indianapolis" 351

Dec 05 Ms

0029 KQHN 97.3 Waskom TX Couple of pings with RDS PI: KQHN, previous by Es 1014  
1128 WDXB 102.5 Pelham AL C&W, RDS PI: bogus KFQX 758  
2357 WJBT 93.3 Callahan FL RDS PI: bogus KEUB / PTY: R&B 900

Dec 05 Tr

1115 WMDH 102.5 New Castle IN C&W, "Hit Country 102.5" 317

Dec 06 Tr

1128 WXDX 105.9 Pittsburgh PA Rock, "The X" 230  
1142 WCOM\* 89.3 Silver Creek NY REL: AC, "Family Life Radio, legal ID at TOH mentioned Silver Creek - Buffalo 149  
1214 WQED 89.3 Pittsburgh PA CLA music, "QED" 233  
1219 WEGW 107.5 Wheeling WV Loud with rock, "The Eagle", RDS PS: wegw.com 248  
1224 WVAQ 101.9 Morgantown WV Taking requests, "VAQ" 288  
1227 WPGB 104.7 Pittsburgh PA Rush Limbaugh, "FM News Talk 104.7", ID at BOH, rare 231  
1327 WHKO 99.1 Dayton OH C&W, ads, "Ohio Valley weather" 302  
1432 W290BI 105.9 Erie PA REL: AC //WCTL-106.3, really gets out for 85 watts 128

Dec 06 Ms

2359 {KBRU} 94.7 Oklahoma City OK RDS PI: KBRU, ex KHBZ, previous by Es

Dec 07 Ms

0751 WXMK\* 105.9 Dock Junction GA RDS PI: WXMK / PTY: Rock 856  
0753 WEZV\* 105.9 No Myrtle Beach SC Ad, RDS PI: WEZV / PTY: Soft Rock  
0835 WTUG 92.9 Tuscaloosa AL DJ banter, RDS PI: WTUG 797  
1312 WRMA 106.7 Fort Lauderdale FL Spanish, RDS PI: WRMA, previous by Es  
2347 WNOB 93.7 Chesapeake VA Song by The Go-Gos, RDS PI: WNOB 564

Dec 08 Ms

1231 WOCL 105.9 DeLand FL Chicago tune, RDS PI: WOCL, previous by Es

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

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

Not a lot to report this year. If KXOT 91.7 Tacoma hadn't vanished at the end of June (they're still off), the skip season would have been horrendous. Anyway, here it is (@ for new):

AUBURN

March 18 GW

1838 @K221FR92.1 West Seattle WA KPLU Tacoma xlator from 88.1, 19 mi

April 21 GW

0829 @K269FS101.7 Centralia WA KLWL Longview w/ K Love 60 mi

June 25GW

0757 @K297BD107.3 Greenwater WA KAWZ xlator from 88.1 (was KEFX), 13 mi

June 30ES

1937	KNAU	88.7	Flagstaff	AZ	// 91.7
1959	@KNAD	91.7	Page	AZ	KNAU Flagstaff ref, 889 mi
2000	KNAG	90.3	Grand Canyon	AZ	Prescott ref, // 88.7
2003	KJZZ	91.5	Phoenix	AZ	ID
2007	KQAZ	101.7	Springerville	AZ	ID
2024	KUPD	97.9	Tempe	AZ	Scottsdale ref
2030	KNAD	91.7	Page	AZ	KNAU net ID

July 2 ES

19:00 KTGW 91.7 Fruitland NM ID

July 4 ES

1945	@KZRX	92.1	Dickinson	ND	Local ad, 915 mi
1953	KCND	90.5	Bismarck	ND	//91.5,91.7,89.3
1953	KPRJ	91.5	Jamestown	ND	//90.5 etc.
1953	@KPPD	91.7	Devils Lake	ND	//90.5 etc
1954	KUND	89.3	Grand Forks	ND	//90.5 etc
1955	KCCM	91.1	Moorhead	MN	Minn PR
2003	unid	101.9	Walker?	MN?	1 0 1 9 Kick

July 6 GW

11:48 @KGHI 91.5 Westport WA Classical format, 90 mi

July 24 ES

19:00	@KOTO	91.7	Telluride	CO	ID, 970 mi
19:28	KHNE	89.1	Hastings	NE	NET Radio, Lincoln ment.
19:43	@KJWM	91.5	Grand Island	NE	Spirit Catholic Network, 1235
19:58	@KUSL	89.3	Richfield	UT	KUSU ref, 770 mi
20:01	@KLIQ	101.9	Hastings	NE	Royals BB, KLIQ, 1300 mi
20:15	KBBN	95.3	Broken Bow	NE	Local ad
20:40	KJZZ	91.5	Phoenix	AZ	Calls

August 10 MS

09:01 @KEMC 91.7 Billings MT Net ID, 650 mi

August 12 MS

10:22 @CHBN 91.7 Edmonton AT Bounce, ad, 565 mi

August 18 TR & GW

08:39	@CKAY	91.7	Sechelt	BC	Coast FM, local, easy listening, 170 mi
20:59	@K225AX92.9		White Center	WA	KGHO-LP ID, 20 mi

September 24 Airplane Scatter

20:39 @CIVL 101.7 Abbotsford BC ID, 119 mi

**CHINOOK PASS**

### September 3 Semi-Local & Trops

07:18	@KACI	93.5	The Dalles	OR	Local refs, from 97.7, 93 mi
09:48	@KLTW	95.7	Prineville	OR	Lite 95.7 thru KJR Seattle, 210 mi

### September 22 Trops

07:13	@KLOV	89.3	Winchester	OR	K Love, 260 mi (very weak)
07:47	@K232DB	94.3	Myrtle Creek	OR	96-9 the Rogue, 265 mi (clear in places)
08:00	KJKL	88.7	Selma	OR	ID, 335 mi (good signal - too good for semi-local KLVP Sandy)
08:05	KCNA	102.7	Cave Junction	OR	Local refs, 335 mi (competing w/ KORD Richland)
08:08	@KKMX	104.3	Tri-Cities	OR	104-5 Sam, 265 mi (solid until almost noon)
08:59	@KJCH	90.9	Coos Bay	OR	ID, 265 mi (solid signal)
09:03	@KOOS	107.3	North Bend	OR	Local refs, 260 mi (weak, KFFM Yakima off)
09:59	@KOOZ	94.1	Myrtle Point	OR	Classical, Jefferson PR o/KMPS Seattle, 265
10:22	@KBDN	96.5	Bandon	OR	Local o/KJAQ Seattle, 265 mi

GREENWATER (from FS road 75 on Huckleberry Ridge)

### October 6 Trops

14:24	@CKAY	91.7	Sechelt	BC	ID, 190 mi.
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In assessing what the year would have looked like with KXOT on, realize that they're only some 10 miles from here and demolish both 91.5 and 91.9 with their IBOC, also compromising 92.1 at times despite the fact that the MR80 should exclude them completely beyond 92.0. And they aren't alone in slopping digital junk all over. Multiple commercial stations have been heard with analog spurs to either side of their IBOC only when running the IBOC. And the general noise level on most of the band is ridiculous since the IBOC appeared. How the FCC could allow IBOC given that the process doesn't operate properly one can only guess, but I now refer to them as the F\*\*\* Communications Commission.

My frustrations vented, the September 22 DX from Chinook Pass was quite exciting. I think it was ducting, as the weather map that morning showed a cold front moving west to east near the Chinook area and stretching well south into Oregon. The main issue with logging KKMK and KJCH was realizing that the signals were far too good to be any of the familiar stations! KMNT 104.3 Chehalis is barely receivable where I was parked at the 4500' level and they're country. KVTI 90.9 Tacoma and KRBM 90.9 Pendleton are marginally usable at best, and both are NPR stations, not religious. Once KJCH was identified, it was fairly easy to dig out KOOZ and KBDN, which are co-sited with KJCH on a mountain east of Bandon. KOOS is about 5 miles north and much lower, accounting for their marginal signal despite higher power. No station has ever gotten through KJAQ before anywhere around here, and only mighty KMYI San Diego has ever penetrated KMPS (also at Chinook).

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Jim Pizzi

100 County Road 28

Palmyra, NY 14522-9440

315-370-7392

Antenna: APS 13 @ 20' Tuners: Sony XDR-F1HD Sangean HDT-1X Time: EDT NEW=@

### 6-10-12 TR/Es

2058	CJFM	95.9	Montreal	QU	ads-mentioned Brossard
2123@	KMXC	97.3	Sioux Falls	SD	"Mix 97.3" ad Spring Haven Country Club
2124@	KLQL	101.1	Luverne	MN	RDS country
2125@	KCMP	100.9	Pine City	MN	Tornado warning
2131@	KJCY	95.5	ST Ansgar	IA	Rel
2133@	KPLO	94.5	Reliance	SD	RDS KPLO 94 COUNTRY
2134@	KUQL	98.3	Ethan	SD	"KOOL 98" oldies
2135	unid	94.5	ant west	SS	
2136@	KDOM	94.3	Windom	MN	RDS
2138@	KSOU	93.9	Sioux Center	IA	RDS



2138	unid	93.9	ant west	SS
2140@	KTSD	91.1	Reliance	SD RDS SDPB
2142	KKMK	93.9	Rapid City	SD promo
2143@	KJWR	90.9	Windom	MN RDS
2144	KRSW	89.3	Worthington	MN RDS
2145@	KRSD	88.1	Sioux Falls	SD RDS/no audio,local WFRW audio only
2149@	KIHK	106.9	Rock Valley	IA RDS HAWK COUNTRY +Siouxland weather
2151	KRBI	105.5	St Peter	MN RDS +"105.5 The River"
2155@	KYSM	103.5	Mankato	MN RDS
2157@	KARL	105.1	Tracy	MN "105-1 KARL Country"
2158	unid	106.3	ant west	bogus RDS KNUv
2158@	KNUJ	107.3	Sleepy Eye	MN Tornado warning Sibley county
2200@	KRDS	95.5	New Prague	MN ID + "Oldies 95.5"
2201@	KQCL	95.9	Faribault	MN ad"Harry Brown's Family Automotive"
2226@	KSCR	93.5	Benson	MN calls
2227@	KQSD	91.9	Lowry	SD RDS SDPB
2229@	KJSD	90.3	Watertown	SD RDS SDPB

6-12-12 Es

1625	KSMR	89.1	Sarasota	FL RDS
1627@	KRMX	92.9	Marlin	TX RDS
1631	WSJT	98.7	Holmes Beach	FL RDS
1641	WIKX	92.9	Charlotte Harbor	FL promo/calls
1653	WBSN	89.1	New Orleans	LA mention N.O. & Shrever
1657	WNKV	91.1	Norco	LA "K-Love"
1837	KNBB	97.7	Dubach	LA ads
1843@	KORA	98.3	Bryan	TX calls
1845	KTAL	98.1	Texarkana	AR "98 Rocks"
1849@	KVMZ	99.1	Waldo	AR mention Waldo & Magnolia weather
1852@	KNES	99.1	Fairfield	TX RDS
1855@	KZTK	99.3	White Oak	TX Sports Talk
1856@	KNRB	100.1	Atlanta	TX rel music
1902@	KZTS	101.1	CammackVillage	AR calls
1925	KBOC	98.3	Bridgeport	TX RDS LA ZETA
1952@	KCLL	100.1	San Angelo	TX calls 1497 miles
2052	WBAP	96.7	Flower Mound	TX "620 AM 96.7FM WBAP"
2053	KYAL	97.1	Muskogee	OK "Oklahoma Thunder, Radio Network"
2055@	KMAG	99.1	Ft Smith	AR RDS
2106@	KUAF	91.3	Fayetteville	AR RDS

6-13-12 TR

1052	WRRN	92.3	Warren	PA WBEE 92.5 HD off-no IBOC
1053	WFLY	92.3	Troy	NY RDS
1108	CJBX	92.7	London	ON "BX93"

6-24-12 TR

1334	CKOI	96.9	Verdun	QU bogus RDS WVE."c-Qua"
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6-29-12 TR/Es

0920	WCKY	103.7	Pemberville	OH car ad Toledo mention 330 miles
0926@	WHIO	95.7	Piqua	OH "...call Dayton defence..." weather @0934 409 miles
0931	KCIL	96.7	Gray	LA ads "Hyundai of Houma"
0940@	WQHL	98.1	Live Oak	FL ad "McDuffy Marine Sporting Goods"
0949@	WHKO	99.1	Dayton	OH RDS ads
0959@	W272BO	102.3	Coudersport	PA end of"Walk In The Word" local WVOR 102.3 off air
1008	WQXK	105.1	Salem	OH "K105.1"
1020@	WMGC	105.1	Detroit	MI "New Soft Rock 105.1"
1028	CHKS	106.3	Sarnia	ON "K106.3"
1030	WXYT	97.1	Detroit	MI ads

1037	WLLD	94.1	Lakeland	FL	RDS/HD over local WZNE
1047	WSJZ	95.9	Sebastian	FL	mention Sebastian
1050@	WLVQ	96.3	Columbus	OH	"QFM96" promos 382 miles
1055@	WSGL	104.7	Naples	FL	"Renda Broadcasting 239-495-8383"
1119@	WOMX	105.1	Orlando	FL	"Mix 105.1"
1129@	WBNS	97.1	Columbus	OH	"Sports Radio 97.1 The Fan" 382 miles
1136	WSMR	89.1	Sarasota	FL	RDS
1137@	WFMQ	92.9	Ocala	FL	"92QFM"
1138	WIKX	92.9	Charlotte Harbor	FL	calls
1140@	WHOK	95.5	Lancaster	OH	"New K95.5" mention Lancaster
1230	WKES	91.1	Lakeland	FL	"Moody Radio Florida"

7-7-12 TR

0924@	WNTI	91.9	Hackettstown	NJ	"WNTI from Centeary College"
0928	WISX	106.1	Philadelphia	PA	"Mix 106.1"
0935@	W238AG	104.5	Binghamton	NY	"104.5 the Drive"
1001	WYCY	105.3	Hawley	PA	RDS classic rock

7-8-12 Es

1639	KWGS	89.5	Tulsa	OK	several Tulsa mentions
1640@	KMOC	89.5	Wichita Falls	TX	calls
1641@	KSSO	89.3	Norman	OK	Donations to Son Life Radio
1642@	KWRI	89.1	Bartlesville	OK	Air One

7-11-12 TR

0905@	CBL	94.1	Toronto	ON	off back of antenna-null of local
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7-13-12 TR

1018	W238CA	95.5	Utica	NY	"WUTQ moved up the dial to 100.7"
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7-19-12 TR

0216@	WNBQ	92.3	Mansfield	PA	"104-5, 92-3,the Buzz"
0231@	WCBS	101.1	New York	NY	"...on CBS FM..."
0245@	WDBY	105.5	Patterson	NY	"97-9,105-5 Kicks FM"

7-20-12 Es

2206	WVVE	100.1	Panama City Bch	FL	"The new V-100"
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7-22-12TR

0034	WRRK	96.9	Braddock	PA	"96-9 BOB FM"
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7-24-12 Es

0936	WXDJ	95.7	N.Miami Beach	FL	RDS
0938	WFEZ	93.1	Miami	FL	RDS
0949	ZFC	96.1	Freeport	BAH	"Cool 96"
0954	WRTO	98.3	Goulds	FL	RDS
0955	ZNL	97.5	Nassau	BAH	"Love, Serving The Bahamas"
1016	WOSN	97.1	Indian Rvr Shores	FL	"97.1 Ocean FM"
1019	WKEY	93.5	Key West	FL	ads "The Mix" & "True Oldies"
1027	WAVW	92.7	Stuart	FL	"Wave 92.7"
1031	WZZR	94.3	Riviera Beach	FL	RDS
1036@	CMDR	94.7	Union de Reyes	CU	Salsa?music Many mentions of Cuba and the Olympics
1041	WEDR	99.1	Miami	FL	RDS
1043@	WEOW	92.7	Key West	FL	"Wow 92-7"
1045	WCNK	98.7	Key West	FL	"98.7 Conch Country"
1051	WRXK	96.1	Bonita Spgs	FL	RDS
1053	WRAZ	106.3	Leisure City	FL	SS
1059@	WAFC	106.1	Okeechobee	FL	RDS
1101	WSGL	104.7	Naples	FL	RDS
1106	unid	106.1	ant SSW		"...96.5 and 106.1..."
1111	WAVV	101.1	Naples Park	FL	RDS
1111	WPOI	101.5	St Petes	FL	RDS
1116	WWRZ	98.3	Ft Meade	FL	RDS bogus WED adult hits

1117	WNUE	98.1	Titusville	FL	SS
1120	WSUN	97.1	Holiday	FL	RDS 97X
1127	WZZR	94.3	Riviera Beach	FL	RDS
1137@	WPBI	90.7	W.Palm Beach	FL	RDS
1140	WLLD	94.1	Lakeland	FL	RDS
1145@	CMCQ	92.9	Al Quizar HAB	CU	Mas Musica (EZ Listening SS music Cuba mentions)
1210	WKIS	99.9	Boca Raton	FL	RDS
1211	WLYF	101.5	Miami	FL	RDS
1218	WCMQ	92.3	Hialeah	FL	SS
1224	WHQT	105.1	Coral Gables	FL	RDS HOT105
1228	WMSF	104.3	W.Palm Beach	FL	RDS
1239	WKCP	89.7	Miami	FL	RDS
1242	WSOR	90.9	Naples	FL	RDS
1244	WLTQ	92.1	Venice	FL	RDS ="The Coast"
1252	WDUV	105.5	New Port Richey	FL	RDS thedove
1253	WWLL	105.7	Sebring	FL	ID
1300	WJBQ	106.3	Spring Hill	FL	ID
1307@	WFUS	103.5	Gulfport	FL	RDS/HD US103.5
1312	WSJT	98.7	Holmes Beach	FL	RDS
1314	WPCV	97.5	Winter Haven	FL	RDS
1315@	WXJZ	100.9	Gainesville	FL	"Smooth 100.9" Calls@1320
1328	WSMR	89.1	Sarasota	FL	RDS
1330	WSRX	89.5	Naples	FL	"The Way FM"
1949@	KHCC	90.1	Hutchinson	KS	RDS
1950	KMUW	89.1	Wichita	KS	RDS + bogus KMTV + calls
1952@	KJTH	89.7	Ponca City	OK	RDS THE HOUSE FM
1956	KHMY	93.1	Pratt	KS	Ads Hutchinson Holiday Inn
1957	KCVW	94.3	Kingman	KS	rel
1959	KWEY	95.5	Clinton	OK	"...KWEY.com..."
2000@	KXLS	95.7	Lahoma	OK	RDS
2001@	KMVX	93.3	Kansas City	MO	"Mix 93.3 with Steve"
2003@	KZCH	96.3	Derby	KS	"Channel 963"
2006	KEGL	97.1	Ft Worth	TX	RDS
2009@	KBIK	102.9	Independence	KS	ad Independence mentions
2011	Unid	93.9	ant WSW		ad for 'Osage Golf Resort"
2012@	KVCY	104.7	Ft Scott	KS	rel
2017@	KWLS	107.9	Winfield	KS	ad mentions of Wicita/Newton
2020@	KIBB	97.1	Haven	KS	RDS BOBFM
2023@	KPAK	97.5	Alva	OK	"Freeman's Garden Market in Alva"
2027	KWTX	97.5	Waco	TX	RDS
2030@	KWOX	101.1	Woodward	OK	"K101"
2038@	KFNF	101.1	Oberlin	KS	"weather for south west NE and north west KS" Oberlin mentions
2043	KLMR	93.5	Lamar	CO	south east CO weather + calls
2049	KIBZ	104.1	Crete	NE	RDS
2059	KCFN	91.1	Wichita	KS	ID AFR
2101@	KJOV	90.7	Woodward	OK	"KJIL 99.1"
2130@	KXLV	89.1	Amarillo	TX	K-Love

#### 8-2-12 TR

0834	CIDR	93.9	Windsor	ON	"93-9 The River"
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#### 8-6-12 TR

2259	WMGS	92.9	Wilkes-Barre	PA	ID
2319	WBEB	101.1	Philadelphia	PA	"B 101" ads
2345@	WRRQ	106.7	Windsor	ON	"Q 106-7" //web

#### 8-7-12 TR

0257@	WCOG	100.7	Galeton	PA	FLN ID@0300
0348@	W254BQ	98.7	Olean	NY	ID'd as "106.3 WXMT" //WXMT 106.3

#### 8-30-12 TR

1233@	WVTT	96.7	Portville	NY	Calls,Talk
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2012 will go down as one of the quietest Es season for me. Just a few openings that were fairly productive. No tropes this Fall so far. Best of DX to all.

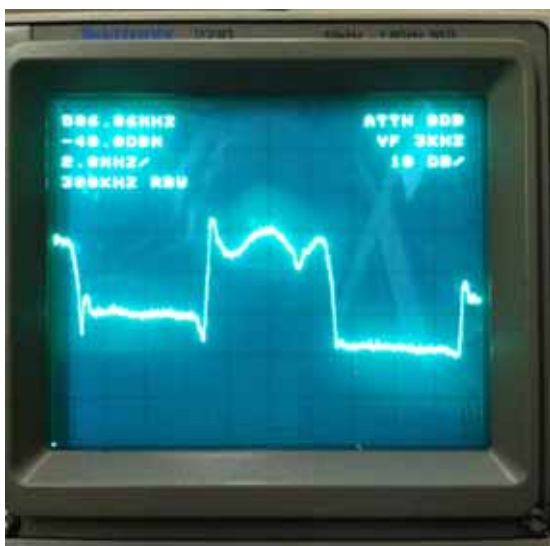
# Granny Box Mystery...Solved!

Karl Zuk N2KZ

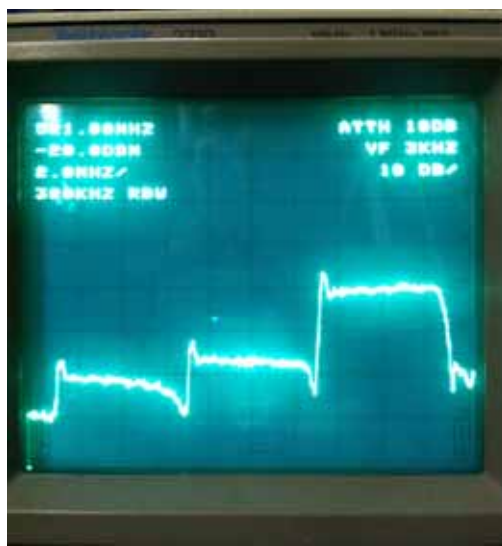


Are over-the-air ATSC digital-to-analog converter boxes now failing with age? Maybe...maybe not!

At work, I oversee over a dozen granny boxes used to receive and convert local over-the-air digital TV channels for viewing on our in-house analog cable TV system. Reception of three channels was problematic, often locking up and freezing at will. The models we use are the most inexpensive available marketed under the brand names 'Micro Gem' and 'Access HD' sold for around \$29.95. I tried swapping converters, testing converters for input sensitivity and analyzing the output of the wall-wart power supplies grasping for any clue. What was making decoding these specific channels so unreliable?

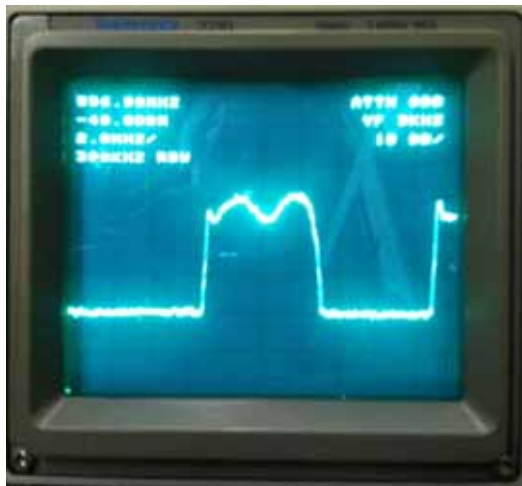


WCBS-33 New York



WCBS-28 Long Island

I discovered that these converters run fairly hot, especially when perched upon other pieces of gear in equipment racks. One tiny electrolytic capacitor, directly adjacent to the bright metal tuner module, sometimes dries out and limits the sensitivity of the converters. I have replaced a few of those under-rated caps, with good results, but this fix did not cure my endless lock-ups. A listing in The Worldwide TV-FM DX Association's bulletin, VHF-UHF Digest, showed a new WCBS translator on the air on RF Channel 22 from Plainview, Long Island. I could easily see this signal, so I changed antennas and switched to Channel 22 instead of 33. The results were immediately fruitful: WCBS became stable as a rock. Still, the mystery continued!



WNBC-28 New York

My troublesome channels are all in the New York City market: WNBC (RF channel 28,) WCBS (RF channel 33,) and WWOR (RF channel 38.) All three broadcast from the iconic Empire State Building and all three broadcast two virtual channels per transmitter. After some pondering and research, I decided to take a look at these transmissions with a spectrum analyzer. All three signals had a distinct and horrifying signature. A competent digital TV signal should have a nice square waveform with an obvious pilot carrier on the leading edge. My troublemakers looked like black diamond ski slopes! Obviously, these would be pretty challenging for my granny boxes, too!

(continues on page 38)

# FCC Mulls How Spectrum Auction Will Work

By Jack Messmer

TVNewsCheck, December 3, 2012 5:13 PM EST

The first “incentive auction” to clear some broadcast TV spectrum for sale to wireless operators is on the fast-track, but there are still important details to be worked out on just how the process will work so that enough broadcasters are willing to participate. FCC officials spelled out some of the financial options in a PricewaterhouseCoopers LLP (PwC) webcast Monday and urged listeners to file comments as the commission works to write rules for the auction.

Just how the price to be paid to broadcasters willing to go off the air, relocate from UHF to VHF or possibly accept additional interference (a possibility still up for consideration) will be set is key to making the auction process work. Speaking on the PwC webcast, William Lake, chief of the FCC's Media Bureau, spelled out two options.

First is the possibility of conducting a single round auction using sealed bids. Each broadcaster would set a price for vacating its spectrum and the FCC would accept the lowest (cheapest) bids which collectively cleared enough spectrum to meet the demand by spectrum buyers in that market. Even there, though, there's a question yet to ponder. Would each seller get the price they offered their spectrum for, or would all get the same amount — the highest price of any bid accepted to get the FCC to the amount of spectrum needed in the market?

The other possibility is a multi-round auction, described as a “descending clock auction.”

“Rather than have the broadcasters give us a price, the commission would set a price. We would start with a very high price in a particular market,” Lake explained, picking some random numbers to illustrate.

“Who's willing to contribute their spectrum for 100? If we pick that opening price high, we should get a lot of offers. Then, we'd say, that's more spectrum than we need. Who would be still willing for 90? And presumably as we ticked the clock down individual broadcasters would compare that price to what they think their station is worth and one-by-one they would drop out of the auction. We would stop the auction when we have ... the right number of continuing offers,” Lane said.

All TV channel allocations are 6 MHz, but not all broadcast allocations are equal, so there may have to be weighting in the auction process. Lane said the FCC will consider whether to give higher priority to broadcasters willing to sell who serve a larger service area and would contribute more to the goal of spectrum clearing.

The complexity of the auction process explains why the FCC has extended the deadline for comments on its Notice of Proposed Rulemaking to Jan. 25, with reply comments due March 26.

Representing NAB on the PwC webcast, Rick Kaplan, EVP strategic planning, noted that dollars alone may not be what broadcasters look at in deciding whether to participate in the auction. He said a station owner in Los Angeles might look at the station's value to their community in evaluating whether they wanted to cash out.

Such non-economic analyses could limit broadcaster participation. Lane had earlier shown a slide which claimed that 83 stations in the top 10 DMAs account for less than 5% of TV industry ad revenues.

Rebecca Hanson, senior adviser-broadcast spectrum, FCC, emphasized that going off the air isn't the only option being offered to broadcasters in the auction.

“Many broadcasters are dedicated to the public service that they provide to their communities. So it was very important to us to offer ways to participate in the auction that allowed them to stay on the air at the same time. How a broadcaster would value any of those options — one way to look at that is what the opportunity cost is. Going off the air — people sell stations all the time. There are valuation experts and M&A contacts. You can figure out that valuation. But with, for example, channel sharing, I think a broadcaster could say, well am I programming my multicast streams? If I'm not, then what would be the opportunity cost of me not being able to program those in the future? Put a dollar amount on that and that could be the basis for a bid,” Hanson said.

“With the example of moving from UHF to VHF — with that example the broadcaster wouldn't give up capacity, but they'd be giving up some coverage,” she added. So the broadcaster could put a value

on the losing some over-the-air viewers, but still having its cable/satellite distribution. And she noted difficulties with doing mobile TV in the VHF band. The FCC is hoping broadcasters will put a price tag on such moves and participate in the auction process.

With so much of the auction process and nationwide repacking of the TV band to clear spectrum hinging on a few key markets, TVNewsCheck asked whether it was possible that the FCC would be willing to lose money in a specific market to buy back enough spectrum to make the repacking work — and presumably still return a nationwide profit to the U.S. Treasury from the auction.

“We have not read the statute to confine our break-even or cost coverage to be on a market-by-market basis,” Hanson replied.

Just how much spectrum the FCC will clear will be determined by market demand. The objective is to have a nationwide swath of downlink spectrum beginning at ch. 36 and moving downward by whatever amount is cleared by the auction. That would allow for nationwide use by consumer devices. The uplink spectrum for wireless operators would begin at ch. 51 and work down, but the width of the vacated spectrum could vary by region.

The FCC’s engineers have their work cut out for them in repacking the remaining TV spectrum and even in dividing up the cleared spectrum for auction. The TV channels are 6 MHz, but wireless spectrum is typically auctioned in 5 MHz blocks. The FCC also has to decide on geographic areas for the auction to wireless operators.

Hanson and Lake repeated the FCC’s timetable of completing the auction rules in 2013 and conducting the auctions in 2014. Many observers expect those targets to slip. As for when the TV repacking will take place, Hanson noted that the law gives the commission three years to distribute funds allocated to pay for the channel relocation of broadcasters who don’t participate in the auction.

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## **GRANNY BOX MYSTERY...SOLVED CONTINUES FROM PAGE 36**

What is the common thread? WNBC, WCBS and WWOR share a master antenna mounted high atop the Empire State Building. A friend described the design as "a bunch of panel antennas strung together with Heliak jumpers." Since I don't have access or design knowledge of this installation, it's very hard for me to comment. One thing for sure, the result is a mess! I can only wonder why no one has reacted to such an anomaly. (WNYW, New York's Fox affiliate, on RF Channel 44, looks crispy and nice using their own antenna also mounted on ESB.)

This is an interesting case. Thinking out loud, I know that ATSC transmitters have sample loops that monitor various aspects of their broadcast signals. The transmitters themselves are most likely producing competent waveforms but, in this case, the antenna system is wildly altering the linearity of the signal equalization presented to the public. Digital TV transmitters pre-distort themselves to insure output signals are tight and square. Obviously, nothing compensates for severe antenna problems. It would take an enormous amount of EQ to correct these bumps! You would think that a glaring problem like this would cause warning flags due to excessive reflected power and lowered efficiency. Maybe not?

Although I have cured my WCBS reception by reverting to receiving another transmitter, I have no recourse for WNBC and WWOR. The closest alternative NBC broadcaster is WVIT Hartford which also uses Channel 33. WWOR is a MyTV affiliate. It features local content, most notably New York sports coverage that cannot be replicated by another station. I guess I will just have to live with the signals available. My granny boxes are not malfunctioning! I just can't resolve rollercoaster digital TV! Is anyone watching? - Karl Zuk N2KZ in FN31eh.

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