

VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 2009

The Magazine for TV and FM DXers

*****TWO WEEKS***
REMAINING UNTIL
ANALOG TV SHUTOFF
(MAYBE)**

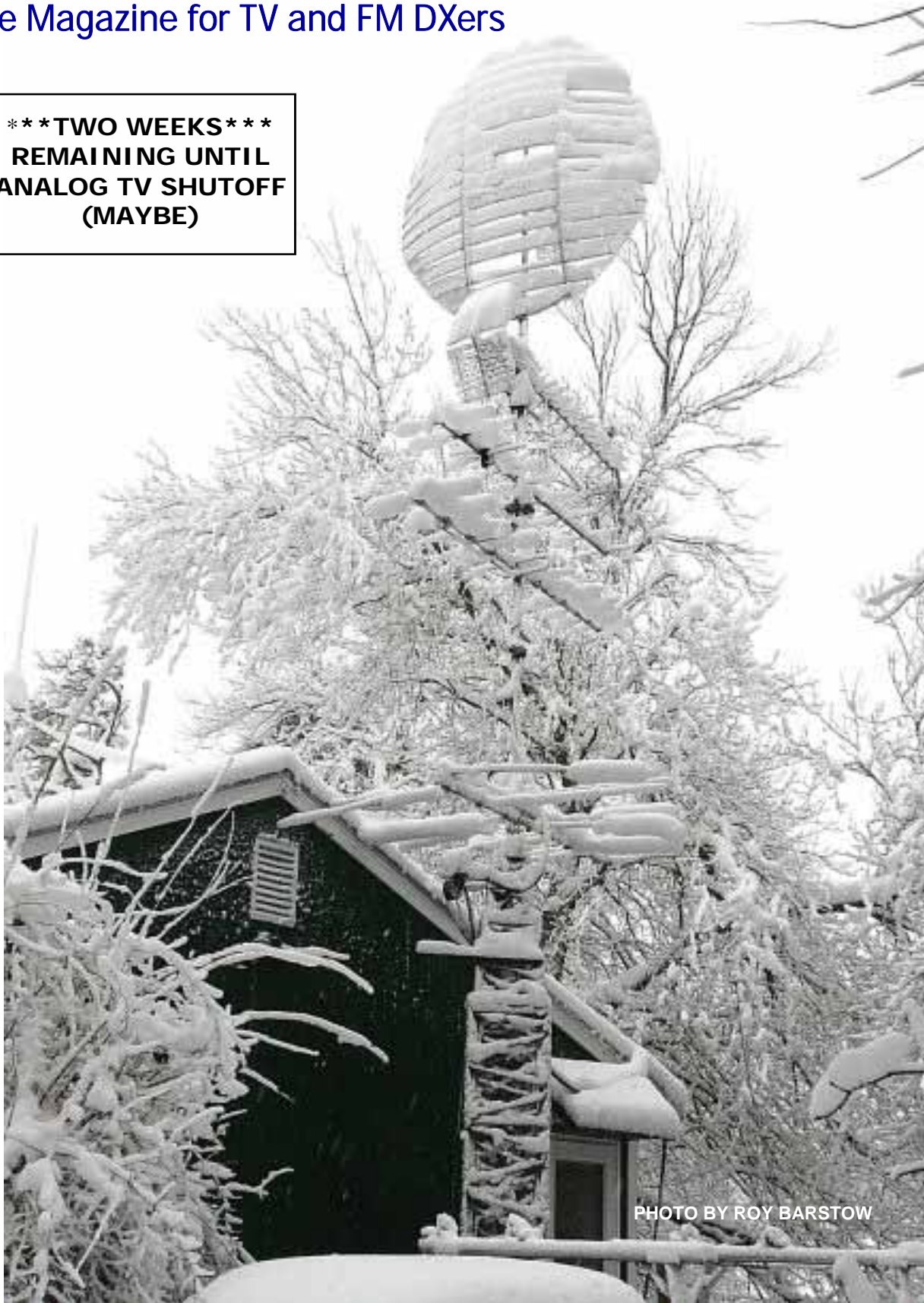


PHOTO BY ROY BARSTOW



**WILL WE OR WON'T WE
FLIP THE SWITCH ON 2/17??**

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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.



Editor and publisher: **Mike Bugaj**

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

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

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

Fred Nordquist, Nick Langan, Doug Smith,

Peter Baskind, Bill Hale and John Zondlo,

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

FEBRUARY 2009



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

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

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

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| Eastern TV and Northern FM DX have no reports this month. Have a great month! | |

FIND US FAST!

WTFDA BOARD OF DIRECTORS

Mike Bugaj, use the WTFDA Mailing address listed below

Doug Smith, 1385 Old Clarksville Pike, Pleasant View, TN 37146-8098

Greg Coniglio, 11825 Genesee St., Alden, NY 14004

Bruce Hall, 5 Stirton Ave., Brantford, ON N3T 1E2

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

mikeb@wtfda.org

dougs@wtfda.org

gregc@wtfda.org

dbruce@wtfda.org

nfmdx@wtfda.org

THE MAILBOX and all general club correspondence:

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

mailbox@wtfda.org

TV NEWS

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

dougs@wtfda.org

FM NEWS

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

fmnews@wtfda.org

PHOTO NEWS

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

jeffk@wtfda.org

EASTERN AND WESTERN TV DX

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

nickl@wtfda.org

SOUTHERN FM

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

southernfmdx@wtfda.org

NORTHERN FM

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

nfmdx@wtfda.org

TV and FM STATISTICS

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

stats@wtfda.org

6 METER/2 METER

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

ag4ki@yahoo.net

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

webmaster@wtfda.org



The Mailbox

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

WHAT DROP-DEAD DATE??

So are we doing the transition in February or aren't we? February 17th was that magic date but now Congress is having second thoughts about it.

Surely you're not joking, are you? I'm not joking...and please don't call me Shirley.

This places your publisher in a little predicament because I had a special VUD cover all ready to go for February plus some really neat stuff to go with it. Now it will have to wait until whenever. But all of the special stuff is stored in the computer, so if the creek don't rise and the computer don't blow up we'll get to use it all a few months from now. But if the transition gets to happen on February 17th then I'll use it for the March issue. It's up to the people in Washington.

DX?

I think those two letters stand for Doesn't eXist. I've seen very few reports over the past couple of weeks of any TV or FM DX, even mediocre loggings. From all indications the winter Es season was a bust. I remember seeing one or two short Es openings in early December and other DXers have mentioned the lack of Es this winter.

The weather here in New England and the upper Midwest and west has just been brutal with more snow that we can handle and daytime temperatures in the single numbers and overnight temps well below zero (°F). Clearing driveways and keeping warm is probably on more Dxers' minds than wanting to check for any DX. And nothing much has been happening down in the Gulf states either so it's not just us in the north.

MEMBERS AND MORE

We'd like to welcome **Robert Coomlier** (CA) back to the club as well as **Gil Morgan** (MO). The last time I saw Gil was in Santa Ana, CA and it was decades ago. Also here's another Welcome Back to **Edward Cotton** (VA). And we have two brand new WTFDA members: **Jerry Ball** out in WA and **Barry Bauer** in DE. Barry, by the way, uses a 16 bay monster for UHF DX!

Renewals were received from the period of 12/16/08 – 1/13/09 from **Paul Mitschler** (NM), **Joe Perge** (OH), **Russ Edmunds** (PA), **John Rieger** (WI), **Ronald Ehlike** (WI), **Russel Lay**,

Rick Shaftan (NJ), **Dave Pomeroy** (KS), **Eldon Geiman** (PA), **Girard Westerberg** (KY), **James Roggentine** (CA), **John Zeis** (PA), **David Legler** (MN), **Bruce Elving** (MN), **Peter Oprisko** (IN), **John Ridge** (NY) and **Craig Healy** (MA). Thanks everyone for coming back for another year!

Look out! It's that dreaded graph!



Bruce Elving sent a note thanking all the WTFDA folks for their concern after we reported on Bruce's health last month.

Bruce went in for surgery on November 28th, the day after Thanksgiving. It was elective hernia repair surgery for two hernias and he was released the next day. But two days later he took sick again and ended up in the emergency room and then spent three days in the hospital. It's not clear if the hernia operation had anything to do with that, but Bruce is feeling better now, so don't worry.

Bruce writes "Pictured in the January VUD is me holding the stick and friend Hartly Conrad, Duluth, who is very opposed to FM and many months in the newsletter I used to publish, FMedia!, included anti-FM comments such as his saying he wants to buy a new car with no radio and then going to a junkyard to try to find an AM-only radio that would fit the hole in the dash." (Ask Hartley what he thinks of AM IBOC, Bruce!)

From **John Rieger** (WI) "Thank so much for an excellent, well produced and *on-time* product." Thank you, John, for noticing! Comments like this one help keep me going especially at times when I'd rather be doing *anything* but this.

And here are some interesting comments from **Barry Bauer**(DE): "Thanks for the

welcome to WTFDA, I have been using your site for several months and thought it was time to join. I am grateful for all of the links to useful information and hope to be able to participate with your group.

My TV DX history is probably a bit unusual. I was active in Chippewa Lake, Ohio in the mid 1960's and still have my reception lists, QSL cards and letters, and TV screen photos. I stopped DXing for many years but never lost the interest. I retired in September 2008 after working 25 years at NIST in Gaithersburg MD and moved to Rehoboth Beach, DE. I wanted to restart my TV interests and purchased an Antennas Direct DB8 antenna that I mounted in the attic of our small house. Conditions were far better than I ever imagined and before long I had improved my setup to include rotator, amplifier, tuners and recorders.

I wanted to improve my antenna by buying a second DB8 and stacking them, but chose instead to build a 16 bay similar to the dimensions of two DB8's. I have had a great deal of fun optimizing the configuration, but am still working on the final design. All of this is still indoors, so wind loading, weight, etc. are not factors. I realize that a much smaller antenna mounted outside would be an improvement over what I have, but I am still deciding which way to go for a variety of reasons."

The only 16 bay antenna we've ever seen is located at <http://www.hdtvprimer.com/ANTENNAS/16bay.html>. The article accompanying this picture was printed in the VUD some time ago with permission of the author.



LOOK OUT SENOR HOPPY! FROM THE TELEVISOR, NOVEMBER 1950



LOOK OUT, SENOR HOPPY! This Mexican audience, many of whom are viewing television for the first time, is both entranced and frightened by the strange, new medium. Within a few years, it is likely that television will be a part of the lives of people in many nations throughout the world.



TV News

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

February 2009 – SAY GOODBYE TO ANALOG! (or maybe not)

Abbreviations:

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

News:

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

(THIS WILL CHANGE NEXT MONTH. Next month, analog stations will appear in *italics*, and digital stations in normal type. One might presume that there will be no more listings for analog full-power stations (but read on...) but we'll see a few analog LPTV changes going forward.)



CANADA:

New Brunswick:
Bon Accord 6 CBAT-TV-1 PR<32.3kw/
 320m, change DA
 pattern



Guam:
Dededo 22 KEQI-LD DR 1.95kw



Puerto Rico:
Mayaguez 51 W51DJ-D DG 1kw
Ponce 51 W51EH-D DR 500w
San Juan 10 W10CZ-D DR 300w, 18-21-32/
 66-11-25

San Juan 26 W26DK- DG 800w



USA:

Alabama:

USA

Alabama:
Huntsville 41 WZDX-DT PG>700kw
Huntsville 46 WHNT-DT* GA from ch 19
 575kw/531m.
Huntsville 48 WAFF-DT* QR from ch 49
 356kw/576m; QG
Montgomery 32 WNCF-DT* PG>83kw
Opelika 47 WLGA-DT PR<302kw/
 323m, 32-19-25/
 84-46-46

Alaska:

Anchorage 10 KTUU-DT PG>50kw
Anchorage 20 KTBV-DT* PR<45m

Arizona:

Douglas 36 KFTU-DT AF 5kw/685m, 31-28-
 55/
 109-57-32; NS;
 PR>20.5kw
Mesa 12 KPNX-DT QR from ch 36
 40kw/555m
 (amendment from
 43kw, and before
 that 21.5kw)

Phoenix 42 KVPA-LD DR 15kw
Tucson 49 KPCE-LD AF DCC 2kw, 32-14-
 56/
 111-06-58 for ch. 29

| | | | |
|-------------------------|----|----------|---|
| Illinois: | | | |
| Aurora | 20 | W22DG-D | DR from ch. 22, 10kw, 42-02-39/88-02-36 |
| Aurora | 50 | WXFT-DT* | PG>230kw |
| Chicago | 27 | WCIU-DT | PR<550kw |
| Chicago | 45 | WSNS-DT* | PG>665kw |
| Freeport | 41 | WIFR-DT | PC>220m |
| Johnston City | 15 | W15BU-D | DG 7kw |
| Quincy | 32 | WTJR-DT* | granted DA |
| Indiana: | | | |
| Evansville | 36 | WYYW-LP | CC from W36DF |
| Indianapolis | 17 | WIIH-LP | FC to programs from WISH-8 (in parallel?) |
| Marion | 27 | WSOT-LD | DR 7kw |
| Terre Haute | 10 | WTHI-DT* | PG>27kw |
| Terre Haute | 36 | WTWO-DT | NW 1000kw/248m |
| Iowa: | | | |
| Dubuque | 43 | KFXB-DT* | PG>261m |
| Kansas: | | | |
| Wichita | 43 | KCTU-LD | DR from ch. 5, 2.7kw, 37-40-49/97-19-52; has also filed for same facilities in analog |
| Louisiana: | | | |
| Lafayette | 6 | KLFT-LP | QR from ch. 21, 3kw |
| Lafayette | 32 | KLFT-LD | PR>8.3kw |
| New Iberia | 50 | KLWB-DT | XR 30-20-32/91-57-46 |
| Shreveport | 17 | KSLA-DT* | PG>350kw |
| Maine: | | | |
| Bangor | 36 | W36CK-D | DG 15kw |
| Maryland: | | | |
| Salisbury | 21 | WBOC-DT | PG>740kw |
| Massachusetts: | | | |
| Boston | 7 | WHDH-DT* | PG>29.7kw |
| Boston | 45 | WCEA-LD | AF DCC 9kw, 42-19-52/71-04-40 for ch. 19 |
| Michigan: | | | |
| Cadillac | 32 | WFQX-DT | PA from ch 47 175kw/426m |
| Detroit | 41 | WXYZ-DT | PC>1000kw/305m, DA |
| Detroit | 48 | W48AV-D | DG 2kw |
| Minnesota: | | | |
| Austin | 20 | KSMQ-DT | NW 319.2kw/303m, 43-38-34/92-31-35, on the KXLT-47 tower near Rochester |
| Chisholm | 11 | KRII | Analog OFF, converted to DTV 63kw. |
| Chisholm | 11 | KRII-DT | NW 12.2kw, flash-cut from analog. NBC/CW/CBS/"News Now"/My on subchannels |
| Duluth | 19 | KBJR-DT | Adds KDLH-DT on 6.3. |
| Hibbing | 13 | WIRT-DT* | PG>13kw |
| Hibbing | 31 | WRPT-DT | NW 35.2kw/151m 47-22-53/92-57-15; PBS // WDSE-8 (+ subchannels) |
| Minneapolis | 51 | WDMI-LD | AF DCC 15kw, 45-03-45/93-08-21 for ch. 31 |
| Mississippi: | | | |
| Webb | 11 | WEBU-LP | PG>3kw, 33-59-15/90-02-52 |
| Missouri: | | | |
| Kansas City | 29 | KMBC-DT | QG from ch. 7, 116kw/352m |
| Osage Beach | 49 | KRBK-DT | NS 615kw/300m, 37-43-26/93-16-32, replaces permit for analog station on same channel. |
| Montana: | | | |
| Kalispell | 26 | K26DD-D | DG 15kw |
| Plains | 5 | K05GM-D | DG 17w |
| Plains | 7 | K07CH | PC<30w (Public Notice is ambiguous as to whether this includes a switch to DTV operation - it probably does.) |
| Plains | 7 | K07CH-D | DG 30w |
| Plains | 11 | K11JP-D | DG 42w |
| Polson | 10 | K10LP-D | DR 4w dismissed |
| Polson | 50 | K10LP | QC from ch. 10, 200w |
| St. Regis | 5, | K05DS-D, | DR 6w |
| | 10 | K10HM-D | |
| Nebraska: | | | |
| Grand Island | 11 | KGIN-DT* | PG>25kw |
| Grand Island | 16 | KTVG-DT | QG from ch 19 1000kw/186m |
| Hayes Center | 6 | KWNB-DT | PA from ch. 18, 3kw/221m |
| Scottsbluff | 29 | KSTF-DT | PR<2.7kw/233 amendment from 112.8kw/236m |
| South Sioux City | 5 | KSXC-LD | DR 300w |
| Superior | 4 | KSNB-DT* | GA from ch 34 4.4kw/338m. |
| Nevada: | | | |
| Carson City | 17 | K17CA-D | DC 5.13kw |
| Verdi | 47 | K47KJ-D | NW 137w, 39-34-38/119-56-19 (KNPB-5) |
| New Mexico: | | | |
| Aztec | 10 | K10CG-D | DR 300w, 36-40-17/108-13-53 (KOAT-7) |
| Clovis | 12 | KVIH-DT* | PA from ch. 20, 5kw/204m. See text. |
| Grants | 46 | K46FI-D | DR 200w |
| Montoya | 22 | K22EU-D | DR 230w |
| Portales | 14 | K14KO-D | DR 880w |
| Socorro | 44 | K44HJ-D | DR 58w |
| New York: | | | |
| Dewitt | 40 | WIXT-CD | DR 1.2kw, amendment from 1.8kw |
| Elmira | 36 | WENY-DT | QG from ch 55 75kw/342m, 42-08-31/ |

| | | | | | | | |
|------------------------|-----------|-----------------|---|------------------------|-----------|-----------------|---|
| | | | 77-04-40 | | | | |
| Glens Falls | 47 | W47CM-D | DG 15kw | Eugene | 24 | KDLN-LD | 122-50-15 |
| Manhattan | 46 | WMBQ-CA | PG<21.5kw, 40-45-08/73-58-03 | Jacksonville | 42 | KSYS-DT | XG 44-16-47/ 123-35-01; CL from Newport |
| New York | 31 | WPXN-DT* | QG from ch 30 349kw/397m, 40-44-54/ 73-59-10 (Empire State Building) | Eugene | 38 | K59DJ-D | DR 4.8kw |
| Rochester | 8 | WHSB-LD | QR from ch. 9, 9w | Klamath Falls | 39 | K39DP-D | DR 10kw |
| Rochester | 20 | WAWW-LP | PR<25.8kw | La Grande | 16 | KUNP-DT* | PG>50kw |
| Sylvan Beach | 32 | WTKO-LP | QR from ch. 15, 2kw, 43-14-46/ 75-46-25; CL from Oneida | Medford | 23 | K23EX-D | DG 3.42kw |
| | | | | Medford | 28 | K28GG-D | DR 560w, 42-17-53/122-45-01 |
| North Carolina: | | | | Portland | 24 | KKEI-CA | QR from ch. 38, 37w |
| Asheville | 13 | WLOS-DT | PR>50kw, amendment from 70kw (and before that, 60kw) | Prineville | 16 | K16EM-D | DR 200w |
| Biscoe | 30 | W29BC | QC from ch. 29, 13.8kw | Prineville | 23 | K23CU-D | DG 280w |
| Durham | 24 | W24CP-D | DR 14.06kw, 36-01-03/ 78-52-21; DG | Salem | 16 | K16HT-D | PR>10kw |
| Greensboro | 43 | WLXI-DT | PG>130kw | Salem | 16 | KORS-CA | QG from ch. 36, 53kw, 45-31-21/ 122-44-45; this station is quite some distance from K16HT-D and should co-exist. |
| Hickory | 14 | W14xx | AF 2kw/367m, 35-17-14/ 80-41-15, replacement translator for WTVI-DT 11 Charlotte | | | | |
| Marion | 6 | W06AI | FC; sold to WSOC-9 (ABC) | Pennsylvania: | | | |
| Marion | 42 | W06AI-D | QR from ch. 6, 14kw, 35-42-33/ 81-31-33 | Erie | 32 | W18DH-D | DR from ch. 18, 1.35kw dismissed. Refiled for 40 watts at 42-02-16/ 80-03-44. |
| Raleigh | 21 | WWIW-LD | AF DCC 15kw, 35-46-27/ 78-38-25 for ch. 66 | New Castle | 27 | WPCP-LD | DR from ch. 56, 10.43kw |
| Wilmington | 30 | WSFX-DT | PG>190kw | Philadelphia | 17 | WPHL-DT | PG>645kw |
| North Dakota: | | | | Philadelphia | 35 | WYBE-DT | PG>450kw/ 376m (DA) |
| Dickinson | 9 | KDSE | OFF, DTV only on ch. 20 | Washington | 20 | WWLM-CD | DG 15kw |
| Dickinson | 19 | KXMA-DT | PR>150kw, amendment from 100kw | Williamsport | 29 | WQMY-DT* | PG<50kw/243, 41-12-01/ 77-07-13 |
| Dickinson | 38 | K38HA-D | DR 3.3kw | | | | |
| Minot | 42 | K42IM-D | PG>1kw, 48-15-39/ 101-17-58 | South Carolina: | | | |
| Williston | 4 | KWSE | OFF, DTV only on ch. 51 | Anderson | 14 | WMYA-DT* | PG>1000kw |
| Williston | 38 | K38HS-D | DR 4.3kw | Florence | 13 | WBTW-DT | PG>31.6kw |
| Ohio: | | | | South Dakota: | | | |
| Kirtland | 51 | W51BI-D | DG 8kw | Eagle Butte | 13 | KPSD | Analog OFF, converted to DTV 27kw |
| Portsmouth | 50 | WTZP-LP | CC from W50DL | | | | |
| Steubenville | 9 | WTOV-DT* | PR>23kw, amendment from 26.2kw | Tennessee: | | | |
| | | | | Chattanooga | 9 | WTVC-DT* | PG>45kw/ 322m, DA |
| Oklahoma: | | | | Knoxville | 30 | WVLT-DT | PG>870kw |
| Oklahoma City | 9 | KWTV-DT | PG>62kw | Tazewell | 48 | WVLR-DT | NW 193kw/ 430m; converted from analog (analog is off) |
| Tulsa | 32 | NEW-LD | AF DCC 4kw, 36-11-27/ 96-05-32 for K13XU | | | | |
| Oregon: | | | | Texas: | | | |
| Ashland | 39 | K39EF-D | DR 830w, 42-17-53/122-45-01 | Blanco | 18 | KNIC-DT | AF 400kw/ 200m |
| Astoria | 28 | K28FP-D | DR 15kw | Bryan | 50 | KBTX-DT | PG>1000kw |
| Disston | 11 | K11KI-D | DG 24w, 43-43-04/ | Corpus Christi | 10 | KZTV-DT* | QG from ch 18 13.5kw/290m |
| | | | | Denison | 50 | NEW-LD | AF DCC 15kw, 33-51-57/ 96-30-47 for K59IM |
| | | | | Eagle Pass | 24 | KVAW-DT | QR from ch 18 1000kw/605m, 28-50-42/ 99-33-22, amendment from 596m at |

| | | |
|-------------------------|--|--|
| | | <i>different site</i> |
| Fort Worth | 38 KVFWD-LD | DG 15kw |
| Houston | 24 KETH-DT* | PG>1000kw/ 580m |
| Lake Jackson | 40 KZHO-LD | DR from ch. 45, 5kw, 29-10-50/ 95-40-02; CL from Victoria |
| Longview | 51 KCEB-DT | QG from ch 38 1000kw/379m |
| Midland | 22 K54JR | QC from ch. 54, 9.9kw, 32-02-52/ 102-17-46 |
| Odessa | 42 KMLM-DT | QC from ch 43 50kw/145m - closes analog early. |
| Rio Grande City | 40 KTLM-DT | GA from ch 20 355kw/577m, 26-31- 01/ 98-39-07 |
| San Antonio | 15 KMXU-LP | PR<9.99kw |
| San Antonio | 46 KSAA-LD | DR from ch. 28, 1kw |
| Uvalde | 47 K47IJ | XR 29-37-11/ 99-02-56 |
| Utah: | | |
| Alton | 21, K21IH-D, 22, K22HV- 24, K24IH-D, 25 K25KN-D | NW 4w, 37-22-26/ 112-32-08 (3w on ch. 22) |
| Alton | 34 K34FO-D | DR 38w |
| Blanding | 47 K47JI-D | DR |
| Cedar Canyon | 6, 8, K06JA-D, 10, K08MZ- 12 K10MF- K12PN-D | DR 15w, 37-35-57/ 112-51-23 |
| Cedar City | 7, K07GQ- 11 K11CQ-D | DR 240w, 37-38-21/ 113-01-53 |
| Cedar City | 31, K31EI-D, 33 K33EB-D | DR 200w, 37-35-57/ 112-51-23 |
| Cedar City | 43 K43JT-D | DG 380w |
| Hatch | 15, K15HE-D, 17, K17HQ- 19, K19GJ-D, 23 K23IL-D | NW 28w, 37-40-36/ 112-22-20 (KTVX-4, KUTV-2, KSL-5, ?) |
| Hatch | 38 K38GQ-D | DR 50w, 37-40-36/ 112-22-20 |
| Huntsville | 17,2 K17IP-D, 3, K23IC-D, 25, K25IX-D, 28, K28JK-D, 39 K39IS-D | NW 12w, 41-20-20/ 111-48-56 |
| Long Valley Junction | 44 K44FU-D | DR 15w |
| Long Valley Junction | 50 K50GD-D | DR 30w |
| Monticello | 40 K40AF-D | DR 350w |
| Orderville | 30 K30CP-D | DR 38w |
| Parowan | 32, K32AG- 34, K34AG- 36, K36AI-D, 42, K42AF-D, 44, K44DR- 48 K48FJ-D | DR 250w |
| Saint George | 6 K67HK | QR from ch. 67, 350w |
| Washington | 28 K28EA-D | DR 250w, 37-09-15/ 113-53-00 |
| Vermont: | | |
| Burlington | 16 W16AL-D | DG 12.8kw |
| Virginia: | | |
| Norfolk | 33 WTVZ-DT | PR>960kw/ |

| | | |
|-----------------------|------------|---|
| | | <i>376m (amendment from 1000kw)</i> |
| Richmond | 12 WWBT-DT | PG>6kw |
| Roanoke | 17 WFXR-DT | PG>695kw |
| Washington: | | |
| Kennewick | 15 KVVK-CD | DG 15kw, 46-05-51/ 119-11-29 |
| Pullman | 10 KWSU-DT | QC from ch 17 6.2kw/408m |
| Spokane | 39 KHBA-LD | PG>3.1kw, 47-34-46/ 117-17-51 |
| West Virginia: | | |
| Mathias | 9 W09CT-D | PG>240w, 38-49-15/ 78-53-56 |
| Wisconsin: | | |
| La Crosse | 48 WXOW-DT | QR from ch 14 371kw |
| Milwaukee | 24 WMLW-CA | QR from ch. 41, 150kw |
| Wyoming: | | |
| Casper | 8 KPTW-DT | QG from ch. 6, 2.3kw/568m |
| Jackson | 36 K36JD-D | PG>12.5kw (but has application on file to decrease to 85 watts) |
| Meeteetse | 29 K29IH-D | NW 1kw, 44-08-45/ 108-54-15 (app. to decrease to 250w pending) |
| North Fork | 32 K32IF-D | NW 200w, 44-29-37/ 109-10-07 |
| Rock Springs | 22 K22BK | PG>960w, 41-34-43/ 109-19-12 |
| Rock Springs | 28 K28JU-D | XG 41-34-43/ 109-19-12 |
| Wood River | 31 K31JO-D | NW 250w, 44-04-30/ 108-56-10 |

Thanks to Fritze Prentice, Allan Dunn, Steve Rich, Robert Seaman, and Dave Pomery for information appearing elsewhere in this column – specifically, information on analog stations going off early.

Included among these stations are KVTN-25, KVTH-26, and KVTJ-48 in Arkansas – the latter two have flash-cut to digital; KVTN has been operating a DTV facility on channel 24 for several years.

Also, WSBE-36 Providence, RI – unscheduled, after a serious analog transmitter failure. And WHMB-40 Indianapolis – that one was scheduled.

In Pennsylvania, WOLF-56 Hazleton and WSWB-38 Scranton. WLVT-39 Allentown is to be off at noon on January 30th. Finally, in Kansas City, KCWE-29 is also off.

Finally, all the analog stations in

Hawaii went off on January 15th. The transmitter site on Maui had lost its lease and had to be dismantled before spring to avoid harming endangered birds. A new site was built elsewhere on the island for digital, but the stations felt there was no point in building analog transmitters at that site. I guess they decided that would also be a good time to shut down the rest of the analogs...

Well, after 67 years, analog TV has pretty much reached the end of the line in the United States. Ostensibly, full-power analog broadcasts were to end this month.

But for better or worse, it seems analog TV isn't going to go away.

We'll start with the "Analog Nightlight" program. Also known as the "Short-term Analog Flash and Emergency Readiness Act" (SAFER Act), this program will allow some analog stations to remain on the air until March 19th, but only to broadcast information about the DTV transition, and emergency information.

This bill has passed both houses of Congress and been signed by outgoing President Bush. The FCC has adopted regulations to implement the program; they're calling it the "Analog Nightlight" program.

The initial FCC proposal contained a list of 310 stations initially eligible to participate. Apparently it was felt that wasn't nearly enough stations to provide reasonable coverage. A new list (which will appear elsewhere in this *VUD*) contains 826 stations. These stations may participate by simply filing a Legal Special Temporary Authority request with the FCC. (this is done through a secure section of the FCC website.)

Stations not on the list may request authority to participate by filing an Engineering STA by February 3rd. They'll need to show they won't interfere with post-transition DTV operation – which they may be able to do by operating their post-February 17th nightlight analog

operation at reduced power.

No station is required to participate. However, the Commission does "...strongly encourage all eligible stations to participate in the provision of a nightlight service...". They also "...urge any station not listed ... to consider and determine whether it can participate in providing analog nightlight service by demonstrating that it will not cause harmful interference..."

It should be noted that some listed eligible stations have already shut down their analog facilities. For example, fourteen stations in Hawaii are listed as eligible – but all the analog stations in Hawaii went off the air on January 15th. (two of the listed eligible stations are on Maui, where environmental considerations required the transmitting towers be dismantled before March. Ironically, one Honolulu station has informed the FCC they're interested in nightlight operation...)

My gut feeling is that participation will be by no means universal. It's expensive to operate a transmitter, and nobody has budgeted to do so. If the economy was booming, stations might have extra money to handle this – but of course, the economy is not booming.

But read on...

The whole nightlight program could well become a moot point.

Some consumer organizations have been complaining that viewers are not ready for the analog shutdown. They have got the ears of some leading members of Congress, and of incoming President Obama. Proposals have been floated to **DELAY THE DTV TRANSITION BY 6-12 MONTHS**. As of deadline none of these have reached the point of passing a bill in Congress. Of course, they'll have to move quickly. I strongly suspect they will act; my gut feeling is that *we will continue to have many full-power analog stations on the air through August.* (one more Es season...)

Since nothing formal has appeared

yet, the terms are not known. If they simply suspend the mandatory analog shutdown, I would again expect many stations not to participate. Under existing FCC regulations, a station may leave the air for up to a year by simply notifying the Commission of their decision. After a year, the station's license must be revoked – but if that applies only to the analog license, then presumably the station wouldn't care. (and after all, their digital station is still on the air...)

Of course, as mentioned above with regard to the nightlight program, quite a few analog stations have already left the air. My gut feeling is that those stations whose analog facilities must be dismantled in order to implement full-power digital operation will proceed with their conversion and will not leave their analog signal on the air past the 17th.

OK, enough for this will-we-or-won't-we-go-digital stuff... Here's another weird one:

As you probably know, the Ion (Pax) stations are running four subchannels on their DTV signals. You may or may not be aware that under current regulations, cable systems are only required to carry one subchannel of any DTV station.

Ion has come up with a truly creative way of getting a second channel of must-carry. Now, to see if it works...:

A new company, Urban Television LLC, has been created. Ion owns 49% of Urban. Urban has filed for permits for 42 new DTV stations – one using the facilities of each Ion station. The Urban station on any given channel and the Ion station on the same channel would share time, as provided by FCC regulation 73.1705(a).

Now, normally “sharing time” means each of two or more stations on a channel operates for several hours a day, then signs off and hands over the channel to another station.

(in practice, there's usually only one transmitter, with two or more licensees sharing use of that

transmitter)

For example, AM stations WRLL and WCEV share use of 1450KHz at Cicero, Illinois. WRLL operates from 11pm to 2pm weekdays and Sunday nights, and 9:30 Saturday night to 6:00 Sunday morning. WCEV uses the remaining hours.

Urban/Ion's plans are radically different.

In digital television, what is transmitted is a stream of short data packets. Each packet may represent part of the picture, part of the sound, or part of the “metadata” - virtual channel table, “text ID”, program guide, etc... When multiple subchannels are broadcast, each data packet is associated with one subchannel.

Only one data packet can be broadcast at a time.

So maybe you see where we're going here? Yes, it looks like what Ion/Urban have in mind is to share time in units not of hours, but of 188-byte transport stream packets. (each of which lasts a tiny fraction of a second...) The Ion station and the Urban station would be continuously switching back and forth in their use of the channel – completely transparently to the viewer.

Each station is entitled to designate a “primary” subchannel which may elect must-carry protection on cable. The Ion station would be one station – the Urban station would have a different license – the theory is that both can elect a subchannel to be guaranteed carriage.

It's certainly an interesting idea. Ion/Pax has tossed strange ideas at the FCC before, asking permission to move their analog operations from existing out-of-core channels to their new in-core DTV assignments, and then flash-cut to digital. That would, for example, have left them with an analog channel 12 facility in the Washington, DC market for several years. The FCC didn't buy that one.

Since I'm sharing my gut feelings all over this month's column, I'll tell you

my gut feeling is the FCC won't buy this one either. But this month, stranger things have happened.....

Going to Canada: (which may beat the U.S. in going digital, at this rate...)

The CBC says the proposed changes to CBAT-TV-1 would move the station's coverage area further south. 19,615 French-speaking viewers would lose service, while 6,740 English-speaking viewers would gain service. Since the station broadcasts in English, that would make sense! The application also

says only 5% of viewers in the station's coverage area rely on over-the-air signals.

It does seem a bit strange to bother changing an over-the-air analog signal at all if only 5% of viewers are watching and the station is slated to go off the air (in favor of digital – or altogether) in two years. I do however note the station's permanent DTV channel is 6, so presumably the new antenna will be used for digital service.

Good DX!

**FCC Begins Granting Power Increase Requests for Test Purposes
From Radioworld
by Leslie Stimson, 12.18.2008**

The FCC has begun granting permission to organizations for further increased FM IBOC power testing.

On the Radio World Webinar "What to Watch for in 2009" yesterday, both Milford Smith of Greater Media and Mike Starling of NPR said their companies have further tests planned.

Smith later told me WKLB(FM) in Boston has experimental authority to operate its digital power at up to minus 10 dB (from the current –20 dB below analog carrier up to –10 dB).

"I'm optimistic we are going to find a middle ground," he said, referring to differences between the testing of the major, mostly commercial radio groups who petitioned the FCC for the change and that of NPR Labs regarding the proposed voluntary digital power increase of up to 10 dB. The increase, Smitty said, needs to be enough of an improvement to solve most of the issues we've got now — having digital coverage match the analog.

Talks are ongoing among the broadcast groups that initially asked the FCC to approve a voluntary increase, and iBiquity, NAB, the FCC and NPR, according to Starling and Smith.

"The faster we get to an industry consensus the better. The FCC would love a red-ribbon package on their doorstep with a solution," said Smith.

Starling said NPR plans additional testing with Minnesota Public Radio and also two NPR-member stations. "We know we've got to solve this indoor coverage shortfall. An unhappy listener is a failed transition." Maybe a controlled increase at a compromise level, coupled with other options is the answer, he indicated.

NPR Labs wants to look at single-frequency networks and asymmetrical digital sidebands.

Perhaps a station with a first-adjacent neighbor only raises the digital sideband without a neighbor station, is the theory. All parties may have a solution by spring/summer timeframe, they said.



FM NEWS

From WTFDA.info and w3wi.com



BILL HALE, 6124 ROARING SPRINGS DR, N. RICHLAND HILLS TX 76180

FMnews@wtfda.org

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INDEX OF ABBREVIATIONS

| | |
|---|--|
| APP application | PTA Program Test Authority (station has been given authority to begin testing) |
| APP Mod Change to an already submitted application | STA Special Temporary Authority |
| AUX auxiliary facilities (backup) | ROA (at the) request of applicant |
| CL city of license (change to or from) | XL Transmitter Location |
| Class FM license class | |
| CP construction permit (authority to broadcast with facilities noted) | AS American Samoa |
| CP Mod change to an already granted CP | GU Guam |
| DA directional antenna | NMI Northern Mariana Islands |
| FC frequency change (to or from) | VI Virgin Islands |
| LC License to Cover (station has ended testing and has been given authority to begin operation) | |
| NDA non-directional antenna | |

Note: antenna heights are HAAT except where noted

--- CANADA ---

- CALL LETTER CHANGES -

| | <u>Old Call</u> | <u>New Call</u> |
|------------------|-----------------|-----------------|
| BC Sicamous | 102.1 NEW | CKXR-3 |
| MB Brochet | 93.5 NEW | CKBM |
| ON Brockville | 94.5 NEW | CIIB |
| ON Sioux Narrows | 91.1 NEW | CKSX |

- FORMAT and SLOGAN CHANGES -

| | | | | | |
|-------------------|------------|----------------------------|--------------|------------|-----------------------------|
| BC Campbell River | 99.7 CIQC | > Hot AC: <i>The River</i> | ON Kitchener | 99.5 CKKW | > Oldies: <i>K-Fun 99-5</i> |
| BC Vancouver | 95.3 CKZZ | > <i>Virgin Radio</i> | ON Ottawa | 106.9 CKQB | > <i>Virgin Radio</i> |
| BC Vancouver | 100.5 CKPK | > Hot AC: <i>The Peak</i> | QC Montreal | 95.9 CJFM | > <i>Virgin Radio</i> |
| ON Cambridge | 107.5 CJDV | > Rock | | | |

--TECHNICAL CHANGES --

| | | | | | |
|-------------------|--------------|---|-----------------|--------------|--|
| AB Calgary | 92.9 CFEX-FM | CP granted for 100 kw/ 342.2 m, 51-04-21/114-15-38 | ON Cochrane | 104.7 CFDY | December |
| BC Campbell River | 99.7 CIQC | Now on here: ex: CFWB- 1490 with CJGR-100.1 Gold River | ON Kitchener | 99.5 CKKW | New station is on the air with Community format |
| BC Osoyoos | 95.3 CBUB-FM | CP granted for 231 w-H/ -71.7 m (drops V) | ON Peterborough | 100.5 CKRU | Is on the air with 2.1 kw; moved from 1090 kHz |
| BC Rossland | 101.1 CHLI | New station is on the air with Community format | QC New Carlisle | 107.1 CHNC | Is on the air with 15 kw, DA to the east protecting 100.3 Barrie and 100.7 Toronto; will replace 950 AM |
| BC Salmo | 92.1 CFAD | New station is on the air with Community format | QC Gaspé | 99.3 CHKM | Is on the air; ex: 610 |
| BC Smithers | 95.1 VF2169 | CP granted for 5 w-H/ 233.6 m, 54-49-57/ 127-06-47; CL from Moricetown | QC Quebec | 90.3 CKJF-FM | Is on the air; ex: 1150 100 w; FC to 106.9; to be displaced by new 90.3 in Montmagny |
| BC Vancouver | 100.5 CKPK | Is now on alone as CKBD- 600 signed off on 31 | QC Saint Jerome | 101.1 CFND | New station is on the air with college format (FF) |

--TECHNICAL CHANGES --

- GRANTS FOR NEW STATIONS -

| | | | | | |
|-------------------|---------------|--|--------------------|--------------|--|
| AB Athabaska | 94.1 CKBA(FM) | CP granted for: 9 kw; move from 850 kHz | MB Brochet | 93.5 CKBM | 41 w |
| AB Calgary | 92.9 CFEX | CP granted to increase antenna height at new location (no details) | ON Bancroft | 103.5 CKJJ-4 | Increase height at new site |
| AB Medicine Hat | 97.3 CKUA-3 | 63 kw at decreased height | ON Brockville | 94.5 CIIB | 50 w; Tourist info |
| BC Hope | 94.1 NEW | 50 w; Christian; will be // VOAR-1210 St. John's, NF | ON Sioux Narrows | 91.1 CKSX | 50 w; Tourist info |
| BC Nelson | 92.5 NEW | 13 w; Christian; will be // VOAR-1210 St. John's, NF | QC La Sarre | 92.5 CJMM-1 | 1.904 kw |
| BC Osoyoos | 95.3 CBUB | 231 w at decreased height | QC Trois Rivières | 93.9 CBMZ | 8.9 kw |
| BC Spences Bridge | 97.1 NEW | 48 w | QC Trois Rivières | 96.5 CBF-8 | 63 kw |
| BC Terrace | 101.5 NEW | 50 w; Christian; will be // VOAR-1210 St. John's, NF | QC Trois Rivières | 104.3 CBFX-1 | 45.4 kw |
| | | | QC Rivière Du Loup | 103.1 NEW | 13 w; Classic Rock; will be // CFYX-93.3 Mont Joli- Rimouski (FF) |
| | | | YT Whitehorse | 92.5 CJUC | CP granted to increase antenna height at new location (no details) |

--TECHNICAL CHANGES --

- APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -

| | | | | |
|--------------------------|--|-----------------|---------------|-------------------------|
| | <u>Applies for:</u> | ON Huntsville | 105.5 CFBK | 43.4 kw |
| BC Big White Ski Village | | ON Ottawa | 98.5 CJWL | 1.1 kw |
| 103.9 CILK-1 | Move to 93.1 and increase antenna height | ON Peterborough | 105.1 CKQM | 7.5 kw/277m |
| NS Amherst | 101.7 CKDH | QC Quebec City | 90.3 CKJF | 100 w and move to 106.9 |
| | Move from 900 kHz with 40 kw; amended from 107.9 | QC Saint-Jerome | 101.9 CFND-FM | 49 w/28 m |

--TECHNICAL CHANGES --

- PROPOSALS FOR NEW STATIONS -

| | | | | |
|-----------------|---------------------|------------------------------------|---------------|------------------------------------|
| | <u>Applies for:</u> | PI Elmira | 103.7 NEW | no details; would relay CKQK-105.5 |
| AB High Prairie | 93.5 CKVH | 25 kw; move from 1020 kHz | | |
| AB St. Paul | 97.7 CHLW | 16 kw, DA; move from 1310 | PI St. Edward | 89.9 NEW |
| NS Bridgewater | 100.7 NEW | 10 kw/150 m | | no details; would relay CHTN-100.3 |
| ON Orilla | 89.1 NEW | Seven applicants | PI St. Edward | 91.1 NEW |
| PI Elmira | 99.7 NEW | no details; would relay CHTN-100.3 | | no details; would relay CKQK-105.5 |

- DISMISSALS -

| | | | | | |
|---------------|------------|--|----------------|--------------|---|
| AB Wainwright | 101.9 CKKY | Application to move here from 830 kHz denied due to ownership issues in market | ON Centerville | 104.9 CKNX-2 | Application to move to 102.7 with 250 w |
| | | | SK Yorkton | 100.5 CJJC | Application to move to 98.5 with 50 kw |

- OTHERNEWS -

| | | | | | |
|--------------------|-----------|--|--|--|------|
| YT Destruction Bay | 94.7 CJBD | Shut down by Yukon Government along with translators VF2359-105.5 Beaver Creek and VF2412-105.5 Dawson | | | City |
|--------------------|-----------|--|--|--|------|

--- UNITED STATES AND TERRITORIES ---

FULL POWER and LPFM STATIONS

- CALL LETTER CHANGES -

| | <u>Old Call</u> | <u>New Call</u> | | | | |
|---------------------|-----------------|-----------------|-------------------|--------------|--|-----------------------------------|
| | | | MT Circle | 90.3 NEW | | KMGT |
| | | | NE Crawford | 88.1 NEW | | KCFD |
| AK Galena | 97.1 NEW | KIYU-FM | NE Utica | 91.7 NEW | | KUTN |
| AK Juneau | 89.7 NEW | KGCF | NH Stratford | 98.7 NEW | | WTTT [correction from last issue] |
| AK Juneau | 90.5 NEW | KLSF | | | | |
| AK Kaltag | 98.1 NEW | KALG | NY Medina | 89.7 NEW | | WFWO |
| AK Koyukuk | 98.1 NEW | KOYU | NC Goldsboro | 102.3 WWNF | | WKIX |
| AK Nulato | 99.1 NEW | KNUL | NC Walnut Creek | 97.7 WKIX | | WEQR |
| AZ Pinetop-Lakeside | 89.5 NEW | KRCI | ND Devils Lake | 91.7 NEW | | KPPD |
| AR Osceola | 107.3 KQDD | KQMJ | ND Williston | 90.7 NEW | | KJND-FM |
| CO Cortez | 90.3 NEW | KZET | OH Weston | 88.9 NEW | | WTPG |
| CO La Junta | 90.1 NEW | KJLI | OK Boise City | 90.9 NEW | | KJHL |
| CO Salida | 89.7 NEW | KADE | OK Fairview | 90.3 NEW | | KJLJ |
| CO South Fork | 91.5 NEW | KTML | OK Guymon | 88.9 NEW | | KJLG |
| FL Eustis | 90.3 NEW | WIGW | PA Chambersburg | 93.3 WROG | | WYPM |
| FL Sparr | 91.5 NEW | WTYG | PA LaPorte | 103.9 WCOZ | | WNKZ |
| HI Aiea | 107.9 KGMZ-FM | KKOL-FM | PA Laceyville | 90.5 NEW | | WCOZ |
| ID Plummer | 88.3 NEW | KWIS | PA Milroy | 88.7 NEW | | WRYV |
| IL Clinton | 95.9 WHOW-FM | WEZC | SC Isle of Palms | 95.7 WWBD | | WIOP |
| IL Effingham | 91.3 NEW | WGMR | | | | |
| KS Chanute | 90.3 NEW | KJVL | [CP from Bamberg] | | | |
| KS Girard | 91.9 NEW | KFKB | SD Pine Ridge | 88.3 KHJJ | | KVKR |
| KY Jackson | 89.7 NEW | WYLC | TX Hart | 89.3 NEW | | KKFC |
| ME Benedicta | 89.3 NEW | WRPB | TX Mountain Home | 102.1 NEW | | KMHO |
| ME Pittston Farm | 88.1 NEW | WHPF | TX Stratford | 91.1 NEW | | KLXN |
| MI Carrollton | 100.5 WTKQ-FM | WSGW-FM | WA Long Beach | 99.7 KAST-FM | | KJOX-FM |
| MI Lakeview | 106.3 WSCG-FM | WGLM-FM | WA Spokane | 90.3 NEW | | KPBZ |
| MS Greenville | 91.9 NEW | WDSV | WI Ashland | 90.9 NEW | | WUWS |
| MO Kansas City | 99.7 KBLV | KKSN | WI Owen | 90.1 NEW | | WVCS |
| | | | WY Fort Washakie | 90.9 NEW | | KFTW |

- FORMAT AND SLOGAN CHANGES -

| | | | | | |
|-----------------|---------------|---|------------------|---------------|--|
| AL Lisman | 107.7 WPRN-FM | > Southern Gospel: <i>God's Country</i> | AR Fort Smith | 88.9 KAOW | > Contemporary Christian |
| AL Heflin | 91.7 WPIL | > Southern Gospel | AR Heber Springs | 100.7 KEAZ | > Adult Contemporary |
| AL Oneonta | 97.7 WKLD | > Adult Standards // WCRL-1570 | AR Nashville | 90.5 KNLL | > Religious Teaching |
| AL Selma | 91.1 WAQU | > Religious Teaching | AR Osceola | 107.3 KQMJ | > Urban AC |
| AL Sheffield | 89.9 WAKD | > Religious Teaching | CA Brawley | 94.5 KSEH | > Spanish Adult Hits |
| AL Troy | 91.1 WAXU | > Religious Teaching | CA Davis | 104.3 KXSE | > Spanish Adult Hits: <i>Jose FM</i> |
| AK Galena | 97.1 KIYU-FM | > Variety | CA Hopland | 88.7 KORB | > Christian CHR |
| AZ Holbrook | 90.3 KBMH | > Religious Teaching | CA Newport Beach | 103.1 KDLE | > Regional Mexican: <i>El Gato</i> |
| AR Bentonville | 88.1 KAPG | > Religious Teaching | CA Santa Monica | 103.1 KDLD | > Regional Mexican: <i>El Gato</i> |
| AR Clarksville | 106.9 KXIO | > Adult Contemporary | CA Seaside | 107.1 KSES-FM | > Spanish Adult Hits: <i>Jose FM // KMBX-700</i> |
| AR Forrest City | 88.1 KARH | > Religious Teaching | | | |

| | | | | | | | | | |
|----|------------------|-------|-----------|---|----|---------------------|-------|---------|---|
| CA | Patterson | 97.1 | KTSE | > Spanish Adult Hits: <i>Jose FM</i> | MT | Darby | 107.9 | KHDV | > Country |
| CA | Thousand Palms | 94.7 | KLOB | > Spanish Adult Hits: <i>Jose FM</i> | MT | Great Falls | 91.5 | KAFH | > Religious Teaching |
| CO | Aurora | 96.5 | KMXA | > Regional Mexican // KMXA-1090 | MT | Vaughn | 103.9 | KUUS | > Sports: ESPN |
| CO | Castle Rock | 92.1 | KJMN | > Spanish Adult Hits: <i>Jose FM</i> | NE | Hubbard | 91.3 | KAYA | > Religious Teaching |
| CO | Pueblo | 88.3 | KTPL | > Religious Teaching | NV | Elko | 93.7 | KLKO | > Adult Hits: <i>Jack FM</i> |
| CO | Walsenburg | 101.3 | KOCK | > Rock: <i>The Rooster</i> | NV | Moapa Valley | 92.7 | KRRN | > Spanish Adult Hits: <i>Jose FM</i> |
| FL | Key Colony Beach | 101.7 | WKYZ | > Talk // WFFG-1300 | NJ | Bass River Township | 106.5 | WBBO | > CHR |
| FL | Miami | 93.9 | WLVE-FM | > Rhythmic AC: <i>93 point 9 MMA</i> | NJ | Eatontown | 106.3 | WHTG-FM | > Top 40: <i>Hits 106</i> |
| FL | Port St. Lucie | 100.1 | WEHR-FM | > Religious Teaching | NM | Clovis | 91.1 | KAQF | > Religious Teaching |
| FL | Starke | 88.3 | WTLG | > Religious Teaching | NM | Clovis | 102.3 | KKYC | > CHR |
| GA | Cordele | 90.3 | WAEF | > Religious Teaching | NM | Dexter | 96.1 | KALN | > Tejano |
| GA | Dublin | 88.3 | WAWH | > Religious Teaching | NM | Santa Fe | 105.9 | KRZY | > Spanish Adult Hits: <i>Jose FM</i> |
| GA | Hawkinsville | 103.9 | WQXZ | > Oldies | NM | Taos | 99.1 | KXMT | > Regional Mexican |
| GA | Macon | 88.9 | WBKG | > Religious Teaching | NY | Albany | 100.9 | WKLI-FM | > Oldies |
| GA | Pinehurst | 98.3 | WSSY | > Adult Standards | NY | Remsen | 90.3 | WRUN-FM | > News/Talk // WAMC-FM |
| GA | Roswell | 107.5 | WJZZ-FM | > Urban AC // WAMJ-102.5 | NC | Billmore Forest | 96.5 | WOXL-FM | > Soft AC: <i>Mix 96 point 5</i> |
| IL | East St. Louis | 101.1 | WXOS | > Sports: <i>ESPN 101 point 1</i> | NC | Jacksonville | 90.1 | WJKA | > Religious Teaching |
| IL | Geneseo | 88.1 | WAXR | > Religious Teaching | NC | Walnut Creek | 97.7 | WEQR | > Hot AC: <i>O97</i> |
| IL | Mount Vernon | 90.5 | WAPO | > Religious Teaching | NC | Pine Knoll Shores | 92.7 | WBNK | > Contemporary Christian: <i>Way-FM</i> |
| IL | Newton | 103.5 | WIKK | > Classic Hits | NC | Raeford | 88.7 | WRAE | > Religious Teaching |
| IL | Salem | 91.3 | WSLE | > Religious Teaching | NC | Waxhaw | 106.1 | WOLS | > Regional Mexican: <i>La Raza 106 point 1</i> |
| IN | Lafayette | 90.7 | WQSG | > Religious Teaching | ND | Flasher | 105.9 | KKBO | > Adult Hits: <i>Bob FM</i> |
| IN | Lowell | 88.5 | WTMK | > Religious Teaching | ND | Williston | 101.1 | KDSR | > Adult hits: <i>Jack FM</i> |
| IN | Lowell | 89.1 | WWLO | > Religious Teaching | OH | Clyde | 100.9 | WMJK | > Country |
| IN | Morgantown | 90.9 | WCJL | > Religious Teaching | OH | Delaware | 89.1 | WJJE | > Religious Teaching |
| IN | New Haven | 107.9 | WJFX | > CHR: <i>Hot 107 point 9</i> | OH | Dolphos | 91.5 | WBIE | > Religious Teaching |
| IN | Vincennes | 89.9 | WATI | > Religious Teaching | OH | Grove City | 88.1 | WWGV | > Religious Teaching |
| IA | Carroll | 90.7 | KWOI | > News/Talk; Iowa Public Radio | OH | Shelby | 88.3 | WAUI | > Religious Teaching |
| IA | Fort Dodge | 91.1 | KTPR | > News/Talk; Iowa Public Radio | OH | Steubenville | 88.9 | WBJV | > Religious Teaching |
| IA | Hudson | 96.1 | KCVM | > Adult Hits | OH | Zanesville | 102.5 | WHIZ-FM | > Country |
| IA | Lamoni | 97.9 | KOWI | > News/Talk; Iowa Public Radio | OK | Ada | 91.3 | KAKO | > Religious Teaching |
| IA | State Center | 91.9 | KTDV | > Contemporary Christian: <i>The Dove</i> | OK | Ardmore | 91.1 | KOPD | > Religious Teaching |
| IA | Waverly | 88.9 | KWVI | > Religious Teaching | OK | Boise City | 90.9 | KJHL | > Religion: <i>Radio for Life // KJIL-99.1</i> |
| KS | Arkansas City | 91.3 | KAXR | > Religious Teaching | OK | Durant | 91.1 | KAYC | > Religious Teaching |
| KS | Chanute | 105.5 | KKOY-FM | > CHR | OK | Idabel | 90.9 | KXRT | > Religious Teaching |
| KS | Great Bend | 89.7 | KBDA | > Religious Teaching | OK | Kingfisher | 105.3 | KINB | > Spanish Sports: ESPN Desportes |
| KS | Independence | 88.5 | KBQC | > Religious Teaching | OK | Lawton | 90.3 | KVRS | > Religious Teaching |
| KY | Morehead | 88.5 | WBMK | > Religious Teaching | OR | Baker | 90.7 | KANL | > Religious Teaching |
| KY | Mount Sterling | 88.1 | WAXG | > Religious Teaching | OR | Bandon | 96.5 | KBDN | > Country: <i>Real Country 96 point 5</i> |
| KY | Paducah | 89.3 | WGCF | > Religious Teaching | OR | Reedsport | 99.5 | KJMX | > Classic Rock |
| LA | DeRidder | 91.5 | KBAN | > Religious Teaching | OR | Weatherford | 90.5 | KAYM | > Religious Teaching |
| LA | Mansfield | 91.7 | KMSL | > Religious Teaching | PA | Bellwood | 103.9 | WALY | > Adult Contemporary: <i>The New WALY 103 point 9</i> |
| LA | Mansfield | 104.7 | KORI | > Religious Teaching // KGCB-FM | PA | Chambersburg | 93.3 | WYPM | > NPR Talk |
| LA | Plaquemine | 88.1 | KPAQ | > Religious Teaching | PA | Laporte | 103.9 | WNKZ | > Hot AC: <i>KZ104 // WGMF-107.7</i> |
| LA | St. Martinville | 89.9 | KSJY | > Religious Teaching | PA | Smethport | 106.3 | WXMT | > Classic Hits: <i>The Mountain</i> |
| ME | Augusta | 101.3 | WKCG | > Talk // WVOM-103.9 | PR | Manati | 96.9 | WNRT | > Spanish Contemporary Christian |
| ME | Boothbay Harbor | 96.7 | WCME | > AC: <i>Star</i> | SC | Dillon | 90.5 | WDLL | > Religious Teaching |
| ME | Camden | 102.5 | WQSS | > AC: <i>Midcoast 102 point 5</i> | SC | Forest Acres | 94.3 | WWNQ | > Classic Hits: <i>Flashback 94 point 3</i> |
| MA | South Yarmouth | 103.9 | WKPE-FM | > Country: <i>Cape Country</i> | SC | Pageland | 102.3 | WGSP-FM | > Tropical |
| MI | East Tawas | 91.3 | WRQC | > Christian CHR | SD | Rapid City | 90.3 | KASD | > Religious Teaching |
| MI | Lakeview | 106.3 | WGLM-FM | > Adult Hits | TN | Hohenwald | 90.7 | WAUO | > Religious Teaching |
| MI | Menomonie | 103.7 | WHYB | > Oldies | TN | Lawrenceburg | 89.7 | WAWI | > Religious Teaching |
| MI | Muskegon | 91.7 | WMCQ | > Religious Teaching | TN | Red Bank | 91.5 | WJBP | > Contemporary Christian: Family Life Radio |
| MI | Riverside | 88.7 | WSIS | > Contemporary Christian // WLGH-88.1 | TN | Ripley | 89.7 | WAUV | > Religious Teaching |
| MN | Montevideo | 89.5 | KBPG | > Religious Teaching | TN | Savannah | 88.1 | WAZD | > Religious Teaching |
| MN | Windom | 89.9 | KORB | > Religious Teaching | TN | Shelbyville | 88.3 | WBIA | > Religious Teaching |
| MN | Worthington | 88.1 | KBOJ | > Religious Teaching | TX | Amarillo | 90.7 | KAVW | > Religious Teaching |
| MS | Byhalia | 88.9 | WMSB | > Religious Teaching | TX | Athens | 88.1 | KATG | > Religious Teaching |
| MS | Cleveland | 98.3 | WDFX | > Religious Teaching | TX | Brownwood | 91.7 | KHPU | > Contemporary Christian |
| MS | Columbus | 90.5 | WCOS | > Religious Teaching | TX | Carrizo Springs | 93.5 | KAJP | > Tejano |
| MS | Duck Hill | 91.9 | Duck Hill | > Contemporary Christian | TX | College Station | 89.9 | KLGS | > Religious Teaching |
| MS | Forest | 91.7 | WSQH | > Religious Teaching | TX | Crockett | 88.5 | KCKT | > Religious Teaching |
| MS | Madison | 90.5 | WQVI | > Religious Teaching | TX | El Paso | 94.7 | KYSE | > Regional Mexican: <i>El Gato</i> |
| MS | Merigold | 92.1 | WKXY | > Country | TX | Greenville | 90.5 | KTXG | > Religious Teaching |
| MS | Oxford | 91.5 | WAVI | > Religious Teaching | TX | Hempstead | 105.3 | KTWL | > Country: <i>Texas Mix 105 point 3</i> |
| MS | Pascagoula | 89.1 | WPAS | > Religious Teaching | TX | Ingleside | 107.3 | KJKE | > Adult Contemporary: <i>Star 107 point 3</i> |
| MS | Tupelo | 91.7 | WAJS | > Religious Teaching | TX | Junction | 93.5 | KOOK | > Country |
| MS | Tupelo | 90.9 | WAQB | > Religious Teaching | TX | Kerrville | 94.3 | KRVL | > Classic Rock |
| MS | Waynesboro | 89.7 | WZKM | > Religious Teaching | TX | Madisonville | 100.5 | KMVL-FM | > Classic Country |
| MS | Yazoo City | 89.5 | WYAZ | > Religious Teaching | | | | | |
| MO | Ballwin | 89.7 | KYMC | > Religious Teaching // KGNV-89.9 | | | | | |
| MO | Kansas City | 99.7 | KKSN | > Hot AC: <i>99 point 7 Kiss</i> | | | | | |
| MO | Kennett | 89.9 | KAUF | > Religious Teaching | | | | | |
| MO | Park Hills | 89.9 | KBGM | > Religious Teaching | | | | | |

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| TX Mertz | 91.9 | KMEO | > Religious Teaching | VA Culpeper | 91.5 | WARN | > Religious Teaching |
| TX Ozono | 94.3 | KYXX | > Classic Country // KHOS-92.1 Sonora | VA Grundy | 88.1 | WNBV | > Religious Teaching |
| TX Pampa | 90.9 | KAVO | > Religious Teaching | WA Long Beach | 99.7 | KJOX-FM | > Sports |
| TX Plainview | 90.5 | KBAH | > Religious Teaching | WA Spokane | 96.9 | KEZE | > Country: <i>Coyote Country</i> |
| TX Port Isabel | 101.1 | KNVO | > Spanish Adult Hits: <i>Jose FM</i> | WA Sunnyside | 88.1 | KAYB | > Religious Teaching |
| TX Temple | 89.9 | KBDE | > Contemporary Christian | WV Elkins | 91.9 | WBHZ | > Religious Teaching |
| TX Victoria | 88.5 | KAYK | > Religious Teaching | WV Princeton | 90.1 | WPWV | > Religious Teaching |
| UT Ogden | 97.9 | KBZN | > Adult Contemporary | WI Neenah-Menasha | 94.3 | WROE | > Adult Contemporary: <i>Soft Rock 94 point 3 WROE</i> |
| VT Marlboro | 101.5 | WRSY | > Adult Alternative // WRSI-93.9 | WI Peshtigo | 96.3 | WSFQ | > 70s-80s Hits: <i>Hits 96 point 3</i> |
| VT St. Albans | 102.3 | WLFE-FM | > Active Rock: <i>Rock 102 point 3, Pure Rock Radio</i> | WY Newcastle | 99.5 | KRKI | > Sports: ESPN |
| VT Woodstock | 93.9 | WMXR | > Classic Hits | | | | |

-TECHNICAL CHANGES -

- NOW ON THE AIR -

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|--------------------------------|--------------|-----------------|---|----------------------|-------|---------|--|
| AK Galena | 97.1 | KIYU-FM | 100 w/15 m, 64-44-34/156-50-30; Class D | NM Dexter | 96.1 | KALN | 50 kw/138 m, 33-23-57/104-22-30; Class C2 |
| AZ Bisbee | 92.3 | KWCD | 90 w/649 m, 31-28-52/109-57-30 | NM Roswell | 99.3 | KWFL | 9.5 kw/133 m, 33-21-47/104-38-11; Class C3 |
| CA Johannesburg | 100.9 | KRAJ | 1.5 kw/399 m, 35-28-38/117-41-59 | NY Au Sable | 97.9 | WYME | 2.25 kw/327 m, DA, 44-34-24/73-40-31; Class C3 |
| CA Mojave | 96.1 | KMVE | 630 w/251 m, 35-05-38/118-16-00; Class A | NY Remsen | 90.3 | WRUN-FM | 1.2 kw/204 m, 43-20-48/75-13-59; Class A |
| CA Pollock Pines | 93.1 | KHJQ | CP Mod for 20.5 kw/111 m, 38-38-11/120-38-14; FC from 93.3; CL from Susanville; Class B1 from C | NY Tupper Lake | 102.1 | WRGR | 140 w/441 m, XL to 44-09-35/74-28-34 |
| CO Glenwood Springs | 95.5 | KRVG | 1 kw/736 m, 39-25-05/107-22-01; Class C2 | NC Morganton | 92.1 | WMNC-FM | 25 kw/111 m, 35-45-09/81-43-19; Class C3 |
| CO Loveland | 89.7 | KXWA | 100 w-H//80 kw-V/372 m, 40-37-03/105-19-40; Class C0 from C1 | NC Pine Knoll Shores | 92.7 | WBNK | 11.5 kw/228 m, 34-53-00/76-30-21; Class C2 |
| CO Walsenburg | 101.3 | KOCK | 95.5 kw/305 m, 37-47-20/104-29-12; Class C1 | ND Flasher | 105.9 | KKBO | 100 kw/278 m, 46-35-23/100-47-39; Class C1 |
| FL Big Pine Key | 104.1 | WWUS | 100 kw-H//90.25 kw-H/138 m, DA, 24-39-40/81-25-10 | OH Fairborn | 106.9 | WWSU | 20 w/64 m, 39-46-57/84-03-42 |
| FL Buena Ventura Lake Key West | 95.7 98.7 | WBVL-LP WCNK | 29 w/53 m, 28-14-42/81-18-12 100 kw-H//81 kw-V/138 m, DA, 24-39-40/81-25-10 | OK Boise City | 90.9 | KJHL | 10 kw/107 m, 36-44-05/102-29-53; Class C3 |
| FL Mount Dora | 107.7 | WMGF | 100 kw/484 m, 28-55-10/81-19-07 | OK Tulsa | 95.5 | KWEN | 100 kw/453 m, 36-11-46/96-05-53 |
| GA Wrightsville | 107.9 | WDBN | 25 kw/100 m, 32-37-05/82-46-05 | SC Summerton | 98.3 | WLJI | 16 kw/100 m, 33-42-58/80-20-44 |
| IN Elkhart | 88.1 | WVPE | 11.5 kw/304 m, (to) DA, 41-36-49/86-11-20 | TN Lewisburg | 94.3 | WJJM-FM | 6 kw/35 m, 35-27-03/86-46-57 |
| IN Lebanon | 91.1 | WIRE | 3.2 kw-V/64 m, DA. 40-03-48/86-26-29 | TX Corpus Christi | 88.7 | KKLM | 8 kw/264 m, 27-44-29/97-36-09 |
| IA Perry | 105.5 | KDLS-FM | 10 kw/157 m, DA, 41-43-35/93-51-38; Class C3 from A | TX Hunt | 99.9 | KRZS | 14.5 kw/61 m, 30-05-08/99-16-23; Class C3 |
| KY Pemberville | 103.7 | WCKY-FM | 50 kw/131 m, 41-08-20/83-14-45; CL from Tiffin | TX Mercedes | 100.3 | KTEX | 100 kw/373 m, 26-06-01/97-50-21; CL from Brownsville |
| LA Erath | 107.9 | KRKA | 100 kw/263 m, 30-12-06/91-46-37 | TX Nolanville | 107.3 | KLFX | 1.35 kw/167 m, 31-05-38/97-34-51 |
| ME Machias | 91.7 | WUMM | 100 w/22 m, 44-42-33/67-27-29; Class A | TX Refugio | 103.7 | KOUL | 100 kw/290 m, 28-02-07/97-26-11 |
| MI Powers | 107.3 | WUPF | 50 kw/97 m, 45-42-39/87-20-49; Class C2 from C3 | TX San Angelo | 90.9 | KLTP | 2.915 kw/191 m, DA, 31-25-16/100-32-36; Class C3 |
| MI Riverside | 88.7 | WSIS | 6 kw/117 m, 42-15-14/86-20-09; Class B1 | TX Victoria | 107.9 | KIXS | 100 kw/154 m, 28-42-24/96-50-06 |
| MI Springfield | 90.9 | WCFG | 700 w-V/107 m, 42-21-20/85-20-28; Class A | VT Berlin | 100.9 | WWFY | 4.5 kw/237 m, 44-07-30/72-28-28 |
| MN Pequot Lakes | 100.1 | WZFJ | 5.2 kw/107 m, 46-36-07/94-18-51 | VA Manassas | 106.7 | WJFK-FM | 22.5 kw/223 m, DA, 38-52-28/77-13-24 [action equalizes H & V power levels] |
| MO Republic | 107.9 | KVTS-LP | 100 w (adds V)/27 m, 37-16-44/93-21-53 | VA Mercer | 88.9 | KMIH | 30 w/69 m, 47-34-21/122-13-05; Class D |
| | | | | WA Sequim | 91.5 | KSQM | 700 w/-84 m, 48-04-30/123-11-32; Class A |

- TECHNICAL CHANGES -

- FCC ACTIONS -

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|-------------------|-------|---------|--|----------------|------|------|---|
| AL Jasper | 97.7 | WQJJ-LP | <u>CP GRANTED FOR:</u> 100 w-H/28 m, 33-52-32/87-17-04 | CA Hopland | 88.7 | KORB | 116-58-40 100 w-V/-331 m, 38-58-15/123-06-50 |
| AR Batesville | 106.9 | KCCJ-LP | 36 w-H (drops V)/49 m, XL to 35-48-52/91-40-16 | CA Joshua Tree | 96.3 | KXCM | 6 kw/74 m, 34-09-15/116-11-50; CL from Twentynine Palms |
| AZ Fountain Hills | 89.1 | KLVK | 30 kw/703 m, (to) DA, XL to 33-35-33/112-34-49; Class C0 from C3 | CA Temecula | 88.9 | KRTM | CP Mod for 270 w/932 m, (to) DA, 33-22-09/116-56-04; Class B from A |
| AZ Phoenix | 89.5 | KBAQ | 30 kw/474 m, DA, XL to 33-19-58/112-03-53; Class C1 from C | CA Thermal | 92.1 | KQCM | 1.55 kw/199 m, (to) DA, XL to 33-39-18/115-59-13; CL from Joshua Tree |
| CA Hemet | 105.5 | KXRS | 6 kw/85 m, XL to 34-01-41/ | | | | |

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| CO Bayfield | 107.1 | KLJH | 100 kw-H/574 m, 37-21-46/ 107-47-40; Class C | NY Solvay | 106.9 | WPHR-FM | 9 kw/124 m, (to) DA, XL to 43-00-10/76-11-58; Class B1 from B |
| CO Colorado City | 103.3 | KJOY | 100 kw/165 m, 37-46-52/ 104-32-03 | OH North Baltimore | 88.3 | WLFC | 4.6 kw (adds V)/100 m, DA, XL to 41-07-04/83-32-38 |
| FL Sebastian | 95.9 | WSJZ | 21.5 kw/109 m, XL to 27-53-21/80-33-27 | OK Mustang | 99.7 | KZLS | CP Mod for 25 kw/100 m, XL to 35-18-17/97-41-09; CL from |
| GA Aragon | 107.1 | WTSH-FM | CP Mod for 100 kw/158 m, XL to 34-15-03/84-59-05; CL from Rockmart; Class C1 from C2 | OR Nyssa | 98.7 | KARO | Alva; Class C3 from C1 85 kw/305 m, 43-24-09/ 116-54-09 |
| GA Atlanta | 91.9 | WCLK | 2.5 kw/94 m, (drops DA), 33-44-56/84-24-27 | PA Kulpmont | 91.9 | WBYK | CP Mod for 1.35 kw/212 m, DA, 40-47-31/76-23-08; Class A |
| GA Irwinton | 103.7 | WVKX | 4.68 kw/113 m, XL to 32-50-19/83-19-53 | PA Wyomissing | 91.9 | WYTL | CP Mod for 450 w/166 m, DA, 40-11-09/75-57-15; FC from 91.7 |
| GA Manchester | 93.3 | WVFJ-FM | 88 kw/468 m, (to) DA, XL to 33-01-56/84-47-27; Class C0 from C1 | SC Charleston | 100.5 | WALC | 25 kw/84 m, DA, 32-46-24/ 80-00-56 |
| GA Wrightsville | 107.9 | WDBN | 25 kw/100 m, 32-37-05/ 82-46-05; FC from 107.5 | SD Arlington | 89.9 | KSRJ | 21 kw/142 m, DA, 44-20-23/ 97-09-17; Class C2 |
| ID Fairfield | 99.9 | KXML | 58 kw/525 m, 43-16-50/ 114-09-14; Class C0 from A | SD Milbank | 99.1 | KZNC | 37 kw/172 m, XL to 45-03-55/ 96-49-23; CL from Huron; Class C2 from A |
| ID Preston | 96.7 | KKEX | 100 kw/63 m, 41-52-18/ 111-48-31 | SD Spearfish | 107.1 | KSLT | 100 kw/579 m, 44-19-42/ 103-50-03; FC from 107.3 |
| IL Chatham | 100.5 | WYMG | 50 kw-H//45 kw-V/149 m, DA 39-39-40/89-55-22; CL from Jacksonville | TN Jamestown | 103.9 | WDEB-FM | 3.4 kw/135 m, 36-25-31/ 84-56-33 |
| IN Crown Point | 90.5 | WRTW | 3.1 kw/183 m, DA, 41-20-56/ 87-24-02 | TX Killeen | 92.3 | KIIZ-FM | 6 kw/73 m, XL to 31-06-29/ 97-39-50 |
| KY Pineville | 106.3 | WRIL | 1.15 kw/228 m, 36-45-16/ 83-42-12 | TX Wixon Valley | 101.9 | KBXT | 2.5 kw/156 m, 30-39-01/ 96-20-57; CL from Franklin |
| LA New Roads | 88.3 | KPCP | CP Mod for 6 kw/31 m, DA, 30-44-08/91-24-58 | UT Smithfield | 99.1 | KGNT | 3 kw/-40 m, 41-48-44/ 111-47-31; FC from 103.9 |
| MA Springfield | 107.9 | WLHZ-LP | 6 w-H/118 m, 42-09-00/ 72-41-17 | VA Forest | 100.9 | WIQO-FM | 210 w/511 m, XL to 37-28-19/ 79-22-28; CL from Covington |
| MO Republic | 107.9 | KVTS-LP | 100 w/27 m, 37-06-44/ 93-21-53; FC from 107.7 | VA Grundy | 88.1 | WNBV | 100 w-V/45 m, 37-17-18/ 82-05-09; Class A |
| MT Bozeman | 99.9 | KBOZ-FM | 19 kw/-56 m, 45-36-58/ 111-05-16; Class C3 from C1 | VA Petersburg | 100.3 | WARV-FM | 4.5 kw/116 m, 37-10-55/ 77-24-01 |
| MT Kalispell | 98.5 | KBBZ | 63 kw-H/6.3 kw-V/725 m, XL to 48-30-42/114-22-14 | WA Ocean Park | 88.1 | KLOP | 84 kw/641 m, XL to 46-58-22/ 123-08-17; Class C from A |
| NE Papillion | 102.7 | KBZR | 54 kw/386 m, XL to 41-04-16/ 96-13-31 | WA Nile | 88.3 | KSBC | 200 w/-349 m, 46-50-02/ 120-56-13 |
| NH Winchester | 98.7 | WINQ | 2.15 kw/169 m, 42-54-57/ 72-19-53 | WA Yakima | 97.9 | KYYR-LP | 100 w-H (drops V)/20 m, XL to 46-36-23/120-33-35 |
| NM Belen | 91.1 | KQRI | 7 kw-H (drops V)/49 m, 34-23-44/107-00-42; Class C3 from A | WY Fort Bridger | 103.9 | KNYN | 34 kw/453 m, 41-21-10/ 110-54-31; FC from 99.1 |
| NM Santa Fe | 90.7 | KSFQ | 20 kw/1261 m, 35-12-50/ 106-27-01; Class C from A | WY Mills | 105.5 | KHAD | 17.7 kw/506 m, 42-44-03/ 106-20-00; Class C1 from C2 |
| NY Glens Falls | 90.7 | WLJH | 650 w-V/404 m, (to) DA, 43-25-12/73-45-37; Class B1 from A | | | | |

- TECHNICAL CHANGES -

- AUXILIARY FACILITIES -

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| | | | <u>AUX LICENSE ISSUED FOR:</u> | KY Glasgow | 105.3 | WOVO | 150 w/126 m, 36-58-50/ 86-06-10 |
| CA San Mateo | 91.1 | KCSM | 8.9 kw/102 m, 37-32-08/ 122-20-00 | MD Baltimore | 102.7 | WQSR | 8.68 kw/107 m, 39-23-11/ 76-43-52 |
| CA Trinidad | 95.5 | KZCC | 870 w/12 m, 40-48-07/ 124-10-06 | NC Winston-Salem | 88.5 | WFDD | 440 w/60 m, 36-08-07/ 80-16-28 |
| CO Bayfield | 107.1 | KLJH | 49 kw-H/581 m, 37-21-46/ 107-47-40 | ND Fargo | 97.9 | KFNW-FM | 4.3 kw-V/58 m, 46-48-07/ 96-52-59 |
| DC Washington | 93.9 | WKYS | 5.8 kw/100 m, 38-57-19/ 77-00-15 | OK Chickasha | 93.5 | KWCO-FM | 520 w/14 m, 35-03-10/ 97-56-27 |
| FL Cocoa Beach | 101.1 | WJRR | 9 kw/452 m, 28-34-51/ 81-04-32 | PA Markleysburg | 89.1 | WLOG | 1 w-V/-5 m, 39-44-17/79-27-01 |
| FL Cocoa Beach | 104.1 | WTKS-FM | 9 kw/452 m, 28-34-51/ 81-04-32 | TN Morrison | 105.3 | WOWC | 830 w/-6 m, 35-41-42/ 85-46-33 |
| FL Orlando | 100.3 | WRUM | 9 kw/452 m, 28-34-51/ 81-04-32 | TX El Paso | 102.1 | KPRR | 700 w/285 m, 31-47-33/ 106-27-47 |
| FL Orlando | 105.1 | WOMX-FM | 4.4 kw/453 m, 28-34-51/ 81-04-32 | TX Franklin | 101.9 | KBXT | 130 w/35 m, 30-39-01/ 96-20-57 |
| FL Tampa | 89.7 | WUSF | 100 kw/246 m, 27-50-55/ 82-15-49 | TX Kilgore | 96.1 | KKTX-FM | 10 kw/141 m, 32-22-14/ 94-56-20 |
| KY Catlettsburg | 92.7 | WRVC-FM | 450 w/124 m, 38-23-14/ 82-39-45 | TX Nolanville | 107.3 | KLFX | 450 w/36 m, 31-04-09/ 97-40-11 |
| KY London | 103.9 | WWEL | 5.4 kw/106 m, 37-08-30/ 84-04-45 | VA Colonial Heights | 95.3 | WKHK | 50 kw/116 m, 37-26-22/ 77-26-02 |

- TECHNICAL CHANGES -

- GRANTS FOR NEW STATIONS -

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| | | | <u>CP GRANTED FOR:</u> | AK Nome | 89.3 | NEW | 157-42-10; Class D 1 kw/-19 m, 64-31-12/ 165-22-17; Class A |
| AK Kaltag | 98.1 | KALG | 100 w/-77 m, 64-19-40/ 158-43-36; Class D | AS Nu'uuli | 89.7 | NEW | 1.5 kw/446 m, S14-16-12/ |
| AK Koyukuk | 98.1 | KOYU | 100 w/-7 m, 64-52-58/ | | | | |

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|----|----------------|-------|------|--|----|---------------|------|------|---|
| AS | Pago Pago | 88.9 | NEW | W170-41-10; Class C2 300 w/442 m, S14-16-12/ W170-41-10; Class A | OK | Hugo | 91.3 | NEW | 78-06-26; Class A 99 kw/91 m, DA, 34-00-25/ 95-27-59; Class C1 |
| AS | Tafuna | 88.1 | NEW | 1.5 kw/413 m, S14-19-21/ W170-45-47; Class C2 | OH | Bowling Green | 89.7 | NEW | 3.8 kw/95 m, DA, 41-24-33/ 83-32-05; Class A |
| AZ | Huachuca City | 101.7 | NEW | 6 kw/-14 m, 31-38-06/ 110-19-57; Class A | OH | Republic | 88.5 | NEW | 1 kw/103 m, 41-11-55/ 82-56-11; Class A |
| CA | Butte City | 91.3 | NEW | 50 kw/22 m, DA, 39-16-49/ 122-10-38; Class B | OH | Weston | 88.9 | WTPG | 3 kw/77 m, DA, 41-16-11/ 89-39-43; Class A |
| FL | Sparr | 91.5 | WTYG | 100 w/29 m, 29-20-21/ 82-06/10; Class A | OK | Oscar | 88.9 | NEW | 1 kw/33 m, 34-00-50/ 97-50-36; Class A |
| GA | Cusseta | 91.1 | NEW | 2 kw/128 m, DA, 32-08-05/ 84-40-59; Class A | PA | Anncville | 91.3 | NEW | 100 w/6 m, DA, 40-20-38/ 76-29-00; Class A |
| IL | Pittsfield | 90.9 | NEW | 25 kw/100 m, DA, 39-36-05/ 91-02-39; Class B1 | PA | Bradford | 90.5 | NEW | 3.6 kw/140 m, DA, 42-05-55/ 78-27-46; Class B1 |
| IA | Conway | 89.5 | NEW | 96 kw/112 m, DA, 40-56-00/ 94-09-16; Class C1 | PA | Laporte | 90.9 | NEW | 250 w/45 m, DA, 41-26-06/ 76-28-28; Class A |
| KY | Jackson | 89.7 | WYLC | 400 w/106 m, DA, 37-34-08/ 83-16-28; Class A | PA | Milroy | 88.7 | WRYV | 1 w-H//2.5 kw-V/244 m, DA, 40-35-10/77-41-40; Class B1 |
| KY | Owingsville | 89.3 | NEW | 11 kw/54 m, DA, 38-15-34/ 83-40-29; Class C3 | SD | Hoven | 88.3 | NEW | 500 w/11 m, 45-16-33/ 99-48-12; Class A |
| LA | Golden Meadow | 89.3 | NEW | 11 kw/49 m, DA, 29-13-02/ 90-13-11; Class C3 | TX | Cactus | 90.7 | NEW | 22 kw/68 m, DA, 36-01-41/ 101-44-13; Class C3 |
| LA | Logansport | 90.5 | NEW | 11.5 kw-V/84 m, 31-51-32/ 94-16-57; Class C3 | TX | Dalhart | 89.3 | NEW | 500 w/105 m, 36-06-35/ 102-30-31; Class A |
| ME | Kennebunkport | 88.3 | NEW | 250 w/42 m, DA, 43-24-16/ 70-26-15; Class A | TX | Kermit | 91.5 | NEW | 1 kw/42 m, 31-51-43/ 103-04-41; Class A; will replace K218CM |
| ME | Madison | 90.7 | NEW | 2.55 kw-V/234 m, DA, 44-36-16/69-55-28; Class C3 | TX | Wheeler | 91.3 | NEW | 100 w-H/98 m, DA, 35-25-57/ 100-16-31; Class A |
| MI | Crystal Valley | 89.1 | NEW | 400 w/215 m, 43-40-34/ 86-14-20; Class A | VT | St. Albans | 90.5 | NEW | 1.5 kw-V/39 m, DA, 44-48-36/ 73-04-53; Class A |
| MN | Naytahwaush | 88.1 | NEW | 225 w-H//22.5 kw-V/131 m, 47-36-12/95-32-40; Class C2 | VA | Emporia | 88.1 | NEW | 3 w-H//3 kw-V/102 m, DA, 36-46-04/77-43-39; Class A |
| NE | Chadron | 90.5 | NEW | 100 w/90 m, 42-48-47/ 103-00-22; Class A | WV | Craigsville | 89.5 | NEW | 310 w/52 m, DA, 38-18-09/ 80-31-12; Class A |
| NH | Lisbon | 89.7 | NEW | 400 w-V/63 m, DA, 44-13-11/ 71-52-07; Class A | WI | Ashland | 90.9 | WUWS | 23 kw/74 m, DA, 46-36-28/ 90-50-13; Class C3; displaces W215AE |
| NM | Alamo | 88.1 | NEW | 400 w/-60 m, 34-25-01/ 107-30-04; Class A | WY | Lingle | 90.7 | NEW | 100 kw/61 m, 42-35-05/ 104-23-13; Class C1 |
| NM | Portales | 91.7 | NEW | 9 kw/96 m, 34-08-06/ 103-36-58; Class C3 | | | | | |
| NM | Shiprock | 90.5 | NEW | 11 kw/741 m, DA, 36-27-39/ 109-05-46; Class C0 | | | | | |
| NY | Belfast | 91.7 | NEW | 400 w/86 m, 42-25-20/ | | | | | |

- TECHNICAL CHANGES -

- APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -

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|----|------------------|-------|----------|--|----|------------------|-------|---------|--|
| AL | Ashland | 100.7 | WCKF | <u>Applies for:</u> 1.7 kw/190 m, 33-19-14/ 85-51-39 | IN | Morristown | 88.1 | WJCF-FM | 100 w-H//5.8 kw-V/98 m, (to) DA, XL to 39-51-34/85-37-02 |
| AL | Brantley | 100.3 | WAOQ | 3.1 kw/140 m, XL to 31-48-38/ 86-01-28; CL to Goshen | KY | Danville | 107.1 | WLAI | 3.6 kw/128 m, (to) DA, XL to 37-57-37/84-32-42; CL to Wilmore |
| AL | Waverly | 100.3 | WGZZ | CP Mod for 6 kw/100 m, XL to 31-41-31/85-30-34; FC to 94.3 | KY | Fearsville | 91.7 | WYJZ | CP Mod for 1 kw (would add H)/- 8 m, 36-58-13/87-22-12 |
| AK | Juneau | 88.9 | NEW | CP Mod for 10 kw-V/370 m, 58-18-05/134-26-26; Class C3; requests waiver of main studio rule | ME | Machias | 101.1 | NEW | CP Mod for 17 kw/121 m, XL to 44-26-41/68-01-22; CL to Gouldsboro; Class B1 from B |
| AZ | Bullhead City | 89.9 | KVIR | CP Mod for 8 kw-V/710 m, DA, 35-15-08/114-44-58 | MN | Redwood Falls | 88.1 | KRFI | CP Mod for 330 w/121 m, XL to 44-32-59/94-58-00 |
| AZ | Parker | 95.7 | KPKR | APP Mod for 3.2 kw/283 m, 34-00-11/114-13-40 | MT | Bozeman | 99.9 | KBOZ-FM | 100 kw/243 m, XL to 45-40-24/110-52-04; Class C3 to C1 |
| AR | Seligman | 103.3 | KZKE | 12.5 kw/103 m, 35-19-26/ 112-45-55; Class A to C3 | NE | Valentine | 90.7 | KMBV | CP Mod for 675 w/32 m, 42-53-17/100-33-11; Class C1 to A |
| CA | Fresno | 94.3 | KOKO-FM1 | APP Mod for 100 w-V/60 m, DA, 36-44-28/119-51-1 | NV | Winnemucca | 91.1 | KDNV | CP Mod for 30 kw/1012 m, XL to 40-25-48/117-29-47; Class A to C |
| CO | Glenwood Springs | 103.9 | KSNO-1 | APP Mod for 650 w/69 m, DA, XL to 39-33-10/107-19-48 | NH | Lebanon | 90.5 | WVFA | 100 w/212 m, DA, 43-37-17/ 72-10-30 [reconsideration] |
| CO | Westcliffe | 101.7 | KXCL | 17.5 kw/258 m, (to) DA, XL to 38-14-18/105-14-58; Class A to C2 | NM | Las Vegas | 100.7 | KLVF | 50 kw/-33 m, XL to 35-35-48/ 105-12-20; Class C3 to C2 |
| FL | Islamorada | 89.3 | WRTH | 10 w-H//100 kw-V/35 m, 24-50-22/80-47-29 [reconsideration] | NM | Ruidoso | 91.3 | KYCT | CP Mod for 280 w/861 m, (drops DA), 33-24-15/ 105-46-55; Class C3 to C2 |
| GA | Ellijay | 101.1 | WLJA-FM | 19 kw/84 m, 34-42-59/ 84-30-50; Class A to C3 [reconsideration] | NY | Auburn | 90.3 | NEW | APP Mod for 4.3 kw/71 m, DA, 42-58-47/76-32-40 |
| GA | Patterson | 88.1 | WNEE | CP Mod for 1 w-H/20 kw-V (would add H)/104 m, DA, XL to 33-53-26/83-09-49 | NY | Livingston Manor | 107.1 | WJZI | CP Mod for 6 kw (would add V)/98 m, (to) DA, XL to 41-57-52/75-16-15; CL to Hancock |
| GA | Tignall | 90.3 | WVNG | CP Mod for 5 kw-V (would drop H)/82 m, (would drop DA), XL to 33-40-33/82-37-15 | NC | Hendersonville | 97.3 | WFHC-LP | CP Mod for 12 w/84 m, XL to 35-20-32/82-28-36; FC to 97.5 |
| HI | Honolulu | 101.1 | KXRG-LP | CP Mod for 100 w/-29 m, XL to 21-20-02/157-51-34 | NC | Sanford | 90.5 | WDCC | 2 kw/72 m, XL to 35-28-23/ 79-08-32 |

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|----|---------------|-------|---------|--|----|-------------|-------|---------|---|
| NC | Wilmington | 90.5 | WWIL-FM | 40 kw-V (would drop H)/145 m, (to) DA, XL to 34-14-37/78-07-24; Class C3 to C2 | TX | Kilgore | 96.1 | KKTX-FM | 10 kw/141 m, 32-22-14/94-56-20 (aux) |
| NC | Winston-Salem | 104.1 | WTQR | 100 kw/470 m, 36-22-27/80-22-31 | TX | Marfa | 93.5 | KRTS | 39 kw/435 m, (to) DA, 30-33-50/104-09-45; Class C2 to C1 |
| OH | Baltimore | 102.5 | WHIZ-FM | CP Mod for 15 kw/130 m, 39-46-15/82-44-25; CL from Zanesville | UT | Santa Clara | 88.1 | NEW | APP Mod for 30 kw/825 m, DA, 37-32-29/113-04-04; Class C |
| OH | Columbus | 89.7 | WOSU-FM | 40 kw/168 m, DA, XL to 40-01-02/83-01-11 | VT | Woodstock | 93.9 | WMXR | 3.5 kw/130 m, XL to 43-39-16/72-21-29 |
| OK | Marlow | 88.7 | KFXH | CP Mod for 5 kw-V/111 m, 34-40-03/97-56-49 | VA | Windsor | 107.7 | WJCD | 15 kw/130 m, 36-48-37/76-16-59; CL to Norfolk |
| OK | Sayre | 88.7 | KESG | CP Mod for 60 kw/78 m, 35-17-36/99-41-52; Class C1 from C3 | WY | Albin | 107.3 | KKAW | 4.5 kw/162 m, 41-29-31/104-05-07; FC to 107.3 |
| PA | Laporte | 91.7 | WEVP | CP Mod for 270 w/49 m, 41-26-06/76-28-28; Class A | WY | Gillette | 99.9 | KGCC | CP Mod for 100 kw/126 m, 44-18-10/105-27-00; QR from 103.9 |
| PA | South Waverly | 96.1 | WPHD | APP Mod for 1.15 kw/187 m, 41-58-04/76-40-02 | WY | Wamsutter | 97.7 | KRAN | CP Mod for 120 w/16 m, XL to 41-39-56/107-58-11 |
| SC | Pendleton | 95.9 | WESL | CP Mod for 6 kw/100 m, 34-41-07/82-40-12; CL to Liberty | WY | Wamsutter | 104.3 | KYPT | CP Mod for 4 kw/127 m, XL to 42-50-40/109-55-28; CL to Daniel; Class C1 to C3 |
| TN | Chattanooga | 92.7 | W224AZ | 55 w/55 m, XL to 35-01-39/85-09-28 | WY | Wheatland | 107.5 | KPAD | CP Mod for 550 w/330 m, XL to 41-49-00/105-03-48; Class C2 to A |
| TN | Pasquo | 98.9 | WRFN-LP | 7 w/21 m, 36-02-30/86-59-31; FC to 93.3 | | | | | |

- APPLICATIONS FOR NEW STATIONS -

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|----|------------|-------|-----|--|----|------------|------|-----|--|
| | | | | <u>Applies for:</u> | | | | | |
| FL | Carrabelle | 89.3 | NEW | 4 kw-V/70 m, 29-55-49/84-27-55; Class A | MI | Manistique | 90.7 | NEW | 10 kw/215 m, 45-58-00/86-29-17; Class C2 [reinstatement] |
| GA | Thomson | 91.5 | NEW | 12 kw/79 m, DA, 33-33-40/82-46-14; Class C3 | OH | Kenton | 88.9 | NEW | 3 kw-V/34 m, 40-30-00/83-37-13; Class A |
| IL | Abingdon | 106.1 | NEW | 2.8 kw/148 m, 40-55-57/90-16-51; Class A | TX | Aspermont | 93.1 | NEW | 38 kw/170 m, 38-08-13/100-25-56; Class C2 |
| IL | Harvard | 88.9 | NEW | 7.3 kw-V/52 m, DA, 42-24-30/88-36-32; Class B1 | TX | Matador | 96.7 | NEW | 36 kw/175 m, 33-58-51/101-04-45; Class C2 |
| KS | Liberal | 91.5 | NEW | 5 kw-V/22 m, 37-02-53/100-54-34; Class A | WI | Viroqua | 91.9 | NEW | 480 w/135 m, 43-36-28/90-53-24; Class A |

**TRANSLATORS and BOOSTER STATIONS
--CALL LETTER CHANGES--**

| | | <u>Old Call</u> | <u>New Call</u> | | | | | | |
|----|---------------------|-----------------|-----------------|----------|----|-------------------|-------|--------|---------------------|
| AZ | Flagstaff | 93.5 | K292DF | K228XO | NY | Middletown | 94.3 | W229AA | W232BT |
| AZ | Flagstaff | 104.7 | K269AR | K284BO | NY | Nunda | 100.9 | W265BY | W265BX |
| AZ | Riveria, etc | 96.9 | K244CA | K245AW | NY | Poughkeepsie | 95.7 | W234AY | W239BL |
| CA | Oroville | 98.7 | K255BM | K254BF | NC | Charlotte | 93.5 | W230AJ | W228CC |
| CA | San Dimas | 98.3 | KRCV-1 | KRCV-FM1 | NC | New Bern | 103.7 | W225AN | W279CA |
| CA | Santee | 96.1 | KSIO-1 | KSIO-FM1 | OH | Perrysburg | 94.9 | W246BH | W235BH |
| CO | Frisco | 91.3 | K220ER | K217FS | OK | Grove | 97.9 | K253AQ | K250AX |
| CO | Glenwood Springs | 89.3 | K205AZ | K207EO | OK | Keyes | 90.1 | K214CH | K211FI |
| CO | Glenwood Springs | 103.9 | NEW | KSNO-1 | PA | Dickson City | 95.1 | W287BN | W236BV |
| CO | Masonville | 106.5 | K295BM | K293BJ | PA | DuBois | 97.5 | NEW | WDDH-1 |
| FL | Key Largo | 95.9 | W240CD | W241BA | PA | Harveys Lake | 99.9 | W259BA | W260AY |
| FL | Wesley Chapel South | 92.1 | W220DZ | W221CE | PA | Hazleton | 90.5 | W218AX | W213BU |
| GA | Camilla | 106.7 | W240BZ | W294BH | PA | Mifflinville, etc | 101.5 | W272CI | W269CH (then . . .) |
| GA | Cordele | 102.3 | W218CF | W272CK | PA | Mifflinville, etc | 101.5 | W269CH | W268BL |
| GA | Buford | 90.7 | W213BR | W214CC | PA | Wellsboro | 96.1 | W238AQ | W241BF (then . . .) |
| GA | Kennesaw | 92.1 | W275AQ | W221CG | PA | Wellsboro | 96.7 | W241BF | W244CI |
| HI | Makaha | 88.1 | NEW | KHPR-1 | PA | Wellsboro | 107.5 | W244CI | W298BE |
| ID | Blackfoot | 107.1 | KQEO-1 | KQEO-FM1 | SC | Anderson | 91.9 | W217AO | W220EC |
| ID | Pocatello | 100.7 | KUPI-1 | KUPI-FM1 | SC | Florence | 95.1 | W237AS | W236BS |
| IL | DeKalb | 98.9 | W255BN | W201DH | TN | Union City | 102.7 | W272CL | W274BF |
| KS | Clay Center | 96.7 | NEW | K244EL | TX | Belton | 96.1 | K295AP | K241BO |
| KS | Emporia | 88.7 | K207EI | K204GB | TX | Canyon | 94.5 | K234BP | K233CB |
| KY | Hopkinsville | 100.9 | W268AL | W265BW | TX | Childress | 89.1 | K204FP | K206EA |
| MN | Fairmont | 90.1 | K214EO | K211FK | TX | Dalhart | 98.9 | K201HN | K255CC |
| MO | Cape Girardeau | 103.3 | K223BA | K277BJ | UT | Centerville | 91.3 | K224BY | K217FQ |
| MO | Mountain Grove | 88.7 | K201CI | K204FX | VA | Abingdon | 103.3 | W276BD | W277BT |
| NE | Paxton | 104.3 | K285FV | K282AX | VA | Ashland | 102.5 | W274AV | W273BU |
| NV | Las Vegas | 99.7 | KHYZ-2 | KHYZ-FM2 | VA | Waverly | 92.3 | W223BI | W222BD |
| NV | Sunrise Manor | 96.7 | KHIJ-1 | KHIJ-FM1 | WA | Sequim | 102.3 | K219KP | K272ER |
| NH | Claremont | 99.7 | WNTK-1 | WNTK-FM1 | WA | Shelton | 89.1 | K205DH | K206DR |
| NH | Concord | 103.9 | W277AV | W280EC | WV | Sistersville | 93.1 | W225AC | W226BE |
| NH | Newton | 92.1 | W275BH | W221CH | WI | Washburn | 91.9 | K218AR | W220EB |
| NY | Batavia | 102.9 | W278BH | W275BL | | | | | |

**-TECHNICAL CHANGES -
- NOW ON THE AIR -**

(antenna heights are AGL)

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|----|-----------|------|--------|------------------------------|
| AL | Cleveland | 95.3 | W237DH | 100 w-V/9 m, XL to 33-56-44/ |
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|----|---------------------|-------|--------|---|----|-------------------|-------|----------|--|
| AL | Montgomery | 101.5 | W268BH | 86-37-10; CL from Garden City | MT | Helena | 96.3 | K242BB | 92-48-03 250 w/30 m, DA, 46-44-52/ 112-01-47 |
| AZ | Flagstaff | 93.5 | K228XO | 13 w/114 m, 32-19-04/ 86-13-41; CL from Greenville | MT | Kalispell | 103.5 | K278BI | 70 w-V/30 m, 48-09-57/ 114-19-49 |
| AZ | Phoenix, Etc | 99.3 | K257CD | 10 w-V[to V from H]/8 m, 35-14-28/111-36-35; FC from 106.3 | MT | Missoula | 95.3 | K237DZ | 20 w/46 m, 46-48-30/ 115-58-38 |
| AZ | Riveria, etc | 96.9 | K245AW | 18 w-H/12 m, (to) DA, 33-35-38/112-05-10 | NE | Paxton | 104.3 | K282AX | 99 w/43 m, 41-08-18/ 101-21-41; FC from 104.9 |
| AR | Prairie Grove | 107.1 | K296GA | 157 w-H/5 m, DA, 35-14-48/ 114-44-32; FC from 96.7 | NH | Concord | 103.1 | W276BJ | 250 w/7 m, DA, 43-07-09/ 71-32-58 |
| CA | Cathedral City | 101.9 | K270AI | 22 w/43 m, 36-01-04/94-13-08 | NH | Bristol | 94.5 | W233AY | 10 w/7 m, 43-32-02/71-45-39; CL from New Hampton |
| CA | Oceanside | 98.5 | K253AD | 10 w/12 m, DA, 33-52-04/ 116-25-59 | NH | Manchester | 94.1 | W231BR | 250 w/39 m, DA, 43-00-45/ 71-26-30 |
| CA | Oroville | 98.7 | K254BF | 10 w-V (from H to V)/18 m, DA, 33-06-40/117-12-05 | NM | Las Cruces | 88.1 | K201CC | 250 w-V/52 m, DA, 32-15-38/ 106-46-00 |
| CA | Palm Springs | 90.5 | K213AB | 10 w/, 39-39-04/121-27-43; FC from 98.9; CL from Yankee Hill-Oroville | NM | Sandia | 89.5 | K208EO | 20 w-V/40 m, DA, 35-12-50/ 106-27-01 |
| CO | Colorado Springs | 100.3 | K262AQ | 10 w (adds V)/9 m, DA, 33-52-04/116-25-59 | NY | Batavia | 102.9 | W275BL | 29 w-V/73 m, DA, 42-59 -07/ 78-09-35; FC from 103.5 |
| CO | Frisco | 91.3 | K217FS | 23 w/12 m, DA, XL to 38-46-15/104-51-22 | NY | Nunda | 100.9 | W265BX | 250 w-V (drops H)/9 m, XL to 42-34-49/77-52-35; CL from Ossian |
| CO | Glenwood Springs | 89.3 | K207EO | 23 w/39 m, 39-29-47/ 106-01-43; FC from 91.9 | NY | Poughkeepsie | 95.7 | W239BL | 10 w/85 m, 41-41-58/74-00-11; FC from 94.7; CL from Highland |
| CO | Woodland Park | 97.5 | K248AS | 99 w-V (H)/12 m, XL to 39-33-37/107-19-12 | NC | Charlotte | 93.5 | W228CC | 30 w/22 m, 35-16-02/ 80-54-12; FC from 93.9 |
| FL | Bunnell | 106.3 | W292DE | 95 w/20 m, XL to 38-59-17/ 105-03-46 | NC | New Bern | 103.7 | W279CA | 80 w/50 m, 35-00-56/77-05-08; FC from 92.9 |
| FL | De Bary | 106.3 | W292CQ | 250 w/87 m, DA, 29-29-41/ 81-16-23 | NC | Princeton | 103.1 | W276AX | 250 w/14 m, 35-27-07/ 78-10-08 |
| FL | Deltona | 97.1 | W246BO | 10 w/402 m, 28-55-10/ 81-19-08 | NC | Sand Hill | 104.9 | WQNS-FM1 | 100 w/53 m, 35-33-05/ 82-44-33 |
| FL | Fort Lauderdale | 93.5 | W228BV | 13 w/119 m, 28-43-20/ 81-20-39 | ND | Valley City | 102.7 | K274BH | 250 w/41 m, 46-55-05/ 97-58-38 |
| FL | Gainesville | 88.7 | W204BL | 10 w/255 m, DA, 25-59-34/ 80-10-27 | OK | Grove | 97.9 | K250AX | 100 w-V/8 m, 36-27-11/ 94-31-48 |
| FL | Wesley Chapel South | 92.1 | W221CE | 19 w/73 m, XL to 29-39-42/ 82-18-10 | OK | Keyes | 90.1 | K211FI | 240 w (adds H)/50 m, 36-48-42/102-15-05; FC from 90.7 |
| GA | Buford | 90.7 | W214CC | 27 w/79 m, XL to 27-59-36/ 82-24-47; FC from 91.9 | OK | Tulsa | 93.5 | K228BR | 250 w/58 m, 36-07-30/ 95-53-03 |
| GA | Camilla | 106.7 | W294BH | 10 w/91 m, 34-06-20/ 83-55-49; FC from 90.5 | OR | Jacksonville | 99.3 | W257BO | 50 w/9 m, DA, 42-17-55/ 122-44-53 |
| GA | Cordele | 102.3 | W272CK | 250 w-V (drops H)/10 m, 31-07-12/83-50-19; FC from 95.9 | OR | Portland | 91.9 | K220IN | 11 w/198 m, 45-31-21/ 122-44-45 |
| GA | Kennesaw | 92.1 | W221CG | 250 w-V/9 m, 31-52-16/ 83-43-27; FC from 91.5 | OR | Portland | 92.7 | K224DL | 16 w/26 m, 45-21-13/ 122-59-04 |
| GA | New Albany | 94.3 | W232BI | 55 w/14 m, 34-03-57/84-43-24; FC from 102.9 | PA | Dickson City | 95.1 | W236BV | 3 w/12 m, DA, 41-23-39/ 75-37-58; FC from 105.3; CL from Lake Winola |
| GA | Swainsboro | 97.1 | W246BQ | 16 w/88 m, 31-32-49/84-08-07 | PA | Harrisburg | 95.3 | W237DE | 60 w (adds H)/18 m, DA, 40-18-59/76-57-04 |
| GA | Union | 96.9 | W246BF | 225 w/78 m, 32-34-55/ 82-21-22 | PA | Harveys Lake | 99.9 | W260AY | 132 w-V/8 m, DA, 41-27-07/ 76-00-33; FC from 99.7; CL from Center Moreland |
| ID | Burley | 89.5 | K208FB | 250 w/15 m, 32-22-37/ 84-47-50; FC from 97.1 | PA | Johnstown | 105.7 | WLKJ-FM1 | 342 w/45 m, 40-19-28/ 78-55-01 |
| ID | Moscow | 105.3 | K287AG | 140 w/17 m, 42-29-02/ 113-54-39 | PA | Jonestown | 97.5 | W248BI | 10 w/26 m, 41-07-35/76-15-59 |
| IL | Dahinda | 100.3 | W262BT | 10 w/12 m, 46-48-40/ 116-54-55 | PA | Mifflinville, etc | 101.5 | W268BL | 1 w/25 m, 40-56-20/76-25-33; FC from 102.3 |
| IL | DeKalb | 89.5 | WNIJ | 120 w/27 m, 40-46-37/ 89-57-55 | PA | Tyrone | 100.7 | W264BZ | 11 w-V/41 m, DA, 40-43-47/ 78-19-23 |
| IL | Lake Bluff | 106.3 | W292DJ | STA for 7 kw/117 m, 42-00- 56/ 89-00-07 while replacement of main antenna is ongoing | PA | Wellsboro | 96.7 | W246CI | 8 w-V/14 m, 41-44-51/ 77-18-07; FC from 96.1 |
| IL | Tuscola | 98.1 | W251AV | 11 w/90 m, 42-19-43/87-54-41 | PA | Wyoming | 104.5 | W283BJ | 72 w/20 m, DA, 41-18-54/ 75-53-19 |
| IL | Waukegan | 99.9 | W260BL | 240 w/7 m, DA, XL to 39-54-44/88-10-46 | RI | Providence | 93.7 | W229AN | 30 w/5 m, 41-49-14/71-23-01 |
| IN | Corydon | 102.7 | W274AD | 10 w/90 m, 42-19-44/87-54-38 | RI | Warwick | 104.7 | W284BA | 38 w/66 m, 41-45-22/71-26-42 |
| IN | West Lafayette | 92.3 | W222AS | 55 w/1 m, 38-12-10/86-05-37; FC from 101.5 | SC | Anderson | 91.9 | W220EC | 27 w/82 m, 34-30-53/82-38-17 |
| KS | Clay Center | 96.7 | K244EL | 19 w/56 m, 40-27-14/86-55-44 | SC | Florence | 95.1 | W236BS | 110 w/24 m, 34-11-50/ 79-45-51; FC from 95.3 |
| KS | Emporia | 88.7 | K204GB | 170 w/46 m, 39-22-41/ 97-07-49 | TN | Chattanooga | 92.7 | W224AZ | 55 w/55 m, XL to 35-01-39/ 85-09-28 |
| MN | Fairmont | 90.1 | K211FK | 150 w-V/30 m, DA, 38-31-47/ 96-05-09; FC from 89.3 | TN | Columbia | 91.9 | W220EE | 38 w/34 m, 35-37-01/87-02-40 |
| MN | Golden Valley | 90.7 | K214DF | 160 w/21 m, 43-36-53/ 94-31-05; FC from 90.7 | TN | Lawrenceburg | 105.3 | W287AA | 250 w/105 m, 35-15-18/ 87-19-30 |
| MN | Mankato | 101.7 | K269EC | 10 w/243 m, 44-58-36/ 93-16-15 | TN | McKenzie | 98.9 | W255BF | 250 w (adds H)/16 m, 36-08-49/88/27/15 |
| MO | Cape Girardeau | 103.3 | K277BJ | 250 w/25 m, 44-10-02/ 94-00-11 | TN | Petersburg | 95.9 | W240CC | 10 w/8 m, XL to 35-19-09/ 86-44-12 |
| MO | Mountain Grove | 88.7 | K204FX | 250 w/48 m, 37-18-34/ 89-33-02; FC from 92.5 | TN | South Pittsburg | 97.7 | W249BR | 250 w (adds H)/58 m, |
| MO | Osage Beach | 97.5 | K248BP | 62 w/87 m, 37-06-05/92-16-04; FC from 88.7 | | | | | |
| | | | | 150 w/152 m, 38-12-04/ | | | | | |

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| TN | Union City | 102.7 | W274BF | 34-56-34/85-42-26 20 w/145 m, 36-24-47/ 89-08-59; FC from 102.3 | VA | Waverly | 92.3 | W222BD | 19 w (adds H)/78 m, 37-03-00/ 77-12-05; FC from 92.5 |
| TX | Borger | 103.7 | K279AT | 75 w-V (drops H)/76 m, 35-38-34/101-29-01 | VA | Winchester | 96.3 | W242BG | 9 w/30 m, 39-11-40/78-10-18 |
| TX | Canyon | 94.5 | K233CB | 205 w/85 m, 35-02-18/ 101-54-55; FC from 94.5 | WA | Camano | 102.1 | K271AH | 115 w/23 m, 48-18-49/ 122-32-23 |
| TX | Childress | 89.1 | K206EA | 170 w-V/64 m, 34-23-26/ 100-10-55; FC from 88.7 | WA | Sequim | 102.3 | K272ER | 200 w/200 w/13 m, DA, 48-08-08/123-09-44; FC from 91.9 |
| TX | Corpus Christi | 94.3 | K232DE | 100 w-V/97 m, 27-46-10/ 97-26-55; CL from Petronila | WA | Shelton | 89.1 | K206DR | 3 w-V/23 m, DA, 47-19-13/ 123-20-39 |
| TX | Corpus Christi | 103.3 | K277BL | 115 w/130 m, 27-46-10/ 97-26-55 | WA | Yakima | 89.9 | K210CX | 10 w/30 m, 46-31-40/ 120-31-06 |
| TX | Galveston | 89.5 | K208DG | 250 w/57 m, DA, 29-15-38/ 94-50-16 [returns to the air with a new antenna and modified DA after being silent due to Hurricane Ike] | WV | Bluefield | 97.1 | W246BE | 80 w/5 m, 37-15-30/81-10-37 |
| TX | Trinity | 102.9 | K275AS | 40 w/5 m, 30-56-23/95-21-43 | WV | Huntington | 94.1 | W231BS | 10 w/100 m, 38-23-31/ 82-29-29 |
| UT | Centerville | 91.3 | K217FQ | 215 w/18 m (to) DA, 40-48-29/ 111-53-22; FC from 92.7 | WI | Sistersville | 93.1 | W226BE | 25 w (adds H)/11 m, 39-33-46/ 80-59-02; FC from 92.9 |
| UT | Centerville | 91.3 | K217FQ | 215 w/18 m, (to) DA, 40-48-29/111-53-22; FC from 92.7 | WI | Appleton | 101.5 | W214BT | 55 w/55 m, 44-13-02/ 88-24-39; FC from 90.7 |
| UT | St. George | 88.5 | K204FI | 205 w/15 m, 37-03-49/ 113-34-29; FC from 88.7 | WI | Green Bay | 103.5 | W278AU | 52 w/37 m, 44-29-29/88-01-04 |
| VA | Abingdon | 103.3 | W277BT | 190 w/55 m, 36-44-03/ 81-58-18 | WI | Mauston | 92.9 | W225BF | 250 w/53 m, DA, 43-47-16/ 90-11-52; FC from 92.7; relays WRJC-1270 [call correction from last issue] |
| VA | Aquia Harbor | 89.7 | W209BY | 8 w/88 m, 38-39-23/77-77-15 | WI | Washburn | 91.9 | K220EB | 38 w/46 m, (drops DA), 46-35-24/90-50-13; FC from 91.5 |
| VA | Ashland | 102.5 | W273BU | 14 w/62 m, 37-51-41/ 77-32-25; FC from 102.3 | WY | Cheyenne | 100.3 | K262BV | 250 w/45 m, DA, 41-08-55/ 104-57-22 |
| VA | Reston | 105.5 | W288BS | 250 w/40 m, 38-59-56/ 77-17-32 | WY | Rock Springs | 105.9 | K290BJ | 13 w/15 m, 41-29-50/ 109-20-36 |

- TECHNICAL CHANGES -
- Construction Permits Granted -
(antenna heights are AGL)

| | | | | | | | | | |
|----|------------------|-------|----------|---|----|---------------|-------|--------|---|
| AL | Demopolis | 103.5 | W278AQ | 13 w/91 m, 32-30-17/87-49-38 | | | | | 43-13-10/71-26-25; CL from Pittsfield |
| AZ | Phoenix | 99.3 | K257CD | 18 w-H/12 m, XL to 33-35-38/ 112-05-10 | MN | Mankato | 101.7 | K269EC | 250 w/25 m, XL to 44-10-02/ 94-00-11 |
| AZ | Prescott | 99.9 | K260BL | 75 w-H/16 m, XL to 34-29-25/ 112-32-00 | MT | Bozeman | 97.1 | K246BA | 10 w-V/4 m, XL to 45-44-39/ 111-10-57 |
| CA | Santa Barbara | 90.3 | KMRO-FM2 | 680 w/14 m, DA, 34-27-55/ 119-40-37 | NH | Claremont | 98.9 | W255BQ | 15 w-V (drops H)/5 m, XL to 43-16-51/72-18-22 |
| CO | Sterling | 107.7 | K300CB | 75 w/52 m, 40-31-57/ 103-07-22; FC from 107.9; CL from Hayford | NH | Concord | 103.9 | W280EC | 10 w-H (drops V)/15 m, (to) DA, XL to 43-13-10/71-26-25; CL from Pittsfield |
| FL | Coral Gables | 107.1 | W296BP | CP Mod for 250 w-V/6 m, XL to 25-24-51/80-27-39; CL from South Miami Heights | NH | Newton | 92.1 | W221CH | 150 w-H/6 m, 42-46-23/ 71-06-01; FC from 102.9 |
| FL | Fort Myers Beach | 102.3 | W272BM | 70 w/6 m, XL to 26-29-16/ 81-55-46; CL from Naples | NY | Forestville | 98.9 | W255BP | 9 w-V (drops H)/9 m, (to) DA, 42-24-50/79-07-45; CL from Silver Creek |
| FL | Key Largo | 95.9 | W241BA | 250 w-V (drops H)/6 m, XL to 25-10-08/80-26-56; FC from 96.1 | NY | Greece | 101.9 | W270BX | 80 w/20 m, 43-13-49/77-37-25 |
| FL | Marathon | 105.3 | W287BJ | 250 w-V (drops H)/6 m, 24-42-37/81-05-51 | NY | East Randolph | 99.1 | W256BA | 250 w-V (would drop H)/14 m, (to) DA, 42-10-37/78-52-49 |
| FL | Miami Beach | 95.3 | W237CI | CP Mod for 250 w-V/5 m, (to) DA, XL to 25-40-32/80-09-33; CL from Key Biscayne | OH | Pemberville | 88.5 | W205BP | 38 w-V (drops H)/65 m, (to) DA, 41-25-51/83-31-19; FC from 88.9 |
| GA | Louisville | 104.7 | W284BU | 170 w-V/13 m, 32-59-48/ 82-24-34 | OH | Perrysburg | 94.9 | W235BH | 25 w/67 m, 41-33-30/ 83-33-34; FC from 95.1 |
| GA | Riverdale | 97.9 | W250BC | 250 w/324 m, XL to 33-48-26/ 84-20-52 | OK | Grove | 97.9 | K250AX | 250 w/92 m, XL to 36-27-11/ 94-31-48; FC from 98.5 |
| GA | Swainsboro | 97.1 | W246BQ | 225 w/, 78 m, XL to 32-34-55/ 82-21-22 | PA | Berwick | 94.7 | W234BH | 15 w-H/38 m, DA, 41-05-11/ 76-16-41; CL from West Hazleton |
| HI | Haleiwa | 88.5 | K203EL | 250 w/27 m, 21-19-49/ 157-49-24 | PA | Hammitt | 89.9 | W207BA | 10 w/91 m, 42-05-10/ 79-52-42; FC from 89.3 |
| ID | Idaho Falls | 96.7 | K244BJ | 250 w (adds H)/12 m, XL to 43-32-43/111/53/14 | PA | Hazleton | 90.5 | W213BU | CP Mod for 2 w-V (drops H)/ 32 m, 40-58-10/75-57-10; FC from 91.5 |
| ID | Twin Falls | 107.7 | K299BD | 92 w (adds H)/28 m, XL to 42-29-26/114-30-15 | PA | Rockton | 96.7 | W244CH | 180 w/33 m, 41-08-41/ 78-52-41 |
| IL | Dahinda | 100.3 | W262BT | 38 w/29 m, XL to 40-42-39/ 89-57-00 | PA | Wellsboro | 93.9 | W230BM | 40 w/17 m, DA, 41-45-36/ 77-17-32 |
| IL | Taylorville | 93.5 | W228BH | 250 w/80 m, XL to 39-27-08/ 89-17-10 | PA | Wellsboro | 107.5 | W298BE | 8 w-V/14 m, 41-44-51/ 77-18-07; FC from 96.7 |
| IN | New Albany | 88.9 | W205BT | CP Mod for 10 w/1 m, (drops DA), XL to 38-21-55/85-50-24 | PR | Anasco | 104.5 | W283BI | CP Mod for 45 w/56 m, (drops DA), 18-19-06/ 67-10-49 |
| KY | Murray | 99.3 | W258BK | 250 w-V/5 m, 36-30-40/ 88-19-34; FC from 99.5 | SD | Mitchell | 103.5 | K278BJ | 180 w/30 m, XL to 43-42-18/98-02-50 |
| MD | Havre de Grace | 104.7 | W284BE | 10 w/139 m, 39-33-52/ 76-06-07 | TN | Lynchburg | 91.9 | WGBQ | CP Mod for 900 w/107 m, DA, 35-16-32/86-31-27; Class A |
| MA | Vineyard Haven | 107.9 | W300BE | 9 w/39 m, 41-26-44/70-36-48 | TX | Belton | 96.1 | K241BO | 65 w/115 m, 31-02-18/ |
| NH | Concord | 103.9 | W280EC | 10 w-H (drops V)/15 m, XL to | | | | | |

| | | | | | | | | | |
|----|------------|-------|----------|---|----|------------|-------|--------|--|
| TX | Childress | 89.1 | K206EA | 97-28-27; FC from 106.9 170 w-V/64 m, 34-23-26/ 100-10-55; FC from 88.7 | WA | Bellingham | 104.7 | K284BL | 11 w/5 m, XL to 44-16-49/72-33-30 |
| TX | Dalhart | 98.9 | K255CC | 250 w/100 m, XL to 35-53-46/102-23-03; FC from 92.1 | WV | Charleston | 88.9 | W208AK | 12 w/ 30 m, DA, 48-46-57/ 122-22-05 |
| UT | Beaver | 107.5 | K298AW | 250 w/11 m, XL to 38-27-28/ 112-39-31 | WV | Huntington | 94.1 | W231BS | 10 w/46 m, XL to 38-20-46/81-35-54; FC from 89.5 |
| UT | Greenville | 103.7 | K279AO | 160 w/11 m, XL to 38-27-28/ 112-39-31; CL to Beaver | WI | Appleton | 101.5 | W268AU | 250 w/69 m, XL to 38-25-16/ 82-26-27 |
| VT | Montpelier | 103.3 | WWMP-FM1 | | | | | | 55 w/55 m, 44-13-02/ 88-24-39; FC from 90.7 |

- TECHNICAL CHANGES -

**- Grants for New Stations -
(antenna heights are AGL)**

None reported this past month

**- APPLICATIONS FROM EXISTING / PROPOSED FACILITIES -
(antenna heights are AGL)**

| | | | | | | | | | |
|----|----------------|-------|---------|---|----|-----------------|-------|--------|--|
| CA | Agoura Hills | 89.5 | NEW | APPLIES FOR: APP Mod for 6 w (would drop H)/12 m, DA, 34-05-09/ 118-47-03 | PA | Wellsboro | 107.5 | W298BE | XL to 45-43-33/119-00-57 99 w/14 m, 41-44-51/ 77-18-07; FC to 107.9 |
| CO | Pagosa Springs | 98.3 | K252ET | 175 w/9 m, (would drop DA), 37-11-32/107-05-55 | TN | Greeneville | 105.1 | W286AN | 250 w/9 m, XL to 36-14-32/ 82-54-29; CL to Mosheim |
| GA | Camilla | 106.7 | W294BH | 250 w-V/24 m, XL to 31-00-46/ 83-35-53 | TX | Lackland City | 92.1 | K221EX | 38 w/91 m, 29-26-59/ 98-41-46; FC to 92.3 [re- application] |
| KY | Murray | 99.5 | W258BK | CP Mod for 250 w-V/8 m, 36-30-40/88-19-34; FC to 99.3 | TX | San Angelo | 91.5 | K218CW | 250 w-V (would drop H)/ 10 m, XL to 31-35-43/ 100-33-31; FC to 102.5 |
| NY | Little Falls | 97.5 | W248AN | 99 w-V (would drop H)/4 m, DA, XL to 42-47-36/74-41-41 | UT | Park City | 98.3 | K252EH | 34 w/9 m, XL to 40-41-00/ 111-31-23; FC to 99.1 |
| NC | New Bern | 103.7 | W279CA | CP Mod for 38 w/70 m, XL (back to) 35-08-21/77-04-42; FC to 104.3 | VT | Orleans | 96.5 | W243AE | 10 w/14 m, XL to 44-46-01/ 72-09-01 |
| MA | Vineyard Haven | 107.9 | W300BE | 9 w/39 m, 41-26-44/70-36-48 [STA] | VA | Charlottesville | 96.7 | W244BP | 20 w/31 m, 37-58-55/ 78-29-03 |
| OK | Norman | 103.1 | K276EX | 75 w/154 m, 35-28-05/97-30-49 | WA | Port Angeles | 102.1 | K271AZ | 50 w/58 m, XL to 48-05-56/ 123-24-18 |
| OR | Canyonville | 106.9 | KPOL-LP | 100 w/15 m, 42-56-00/ 123-17-01; FC to 92.9 | WI | Ashland | 90.3 | W215AE | CP Mod for 27 w-V/32 m, 46-33-40/90-55-05; FC to 91.5 |
| OR | Hermiston | 95.3 | K237DS | 250 w-V (drops H)/91 m, DA, | | | | | |

**- APPLICATIONS FOR NEW STATIONS -
(antenna heights are AGL)**

| | | | | | | | | | |
|----|-----------|-------|-----|--|----|---------|-------|-----|--|
| FL | Lady Lake | 102.7 | NEW | 23 w-H/61 m, 28-55-16/ 81-55-12; Class L1 | FL | Palatka | 101.1 | NEW | 8 w-H/105 m, 29-38-23/ 81-38-26; Class L1 |
|----|-----------|-------|-----|--|----|---------|-------|-----|--|

- DISMISSALS -

| | | | | | | | | | |
|----|---------------------|-------|---------|--|----|-------------------|-------|---------|---------------------------------------|
| AL | Cullman | 97.3 | W247BI | APP for changes | MS | Mississippi State | 89.9 | WMAB-FM | APP for changes |
| AZ | Pima | 107.1 | ----- | FC to 105.7 dismissed | MO | Springfield | 97.3 | KXUS | APP for an auxiliary facility |
| AZ | Pinetop | 106.7 | ----- | FC to 97.7 dismissed | NV | Mesquite | 88.5 | KEKL | APP for changes (73.525 violation) |
| CA | McCloud, etc | 88.3 | K202AP | APP for move to 88.9 | NC | Hendersonville | 95.7 | WFHC-LP | APP for a CP Mod |
| CO | Westcliffe | 101.7 | KXCL | APP to move to Fort Carson | NC | New Bern | 104.3 | W225AN | CP Mod for 38 w/70 m |
| CT | Sharon | 91.9 | WHDD-FM | APP for changes | NC | Wingate | 91.9 | WRCM | APP for changes |
| FL | Flagler Beach | 90.3 | WJLH | APP for 25 kw | OH | Bellefontaine | 88.5 | ----- | APP for new station |
| FL | Haines City | 102.7 | W274BB | XL correction dismissed | OK | Grove | 98.5 | K250AX | APP for changes |
| FL | Islamorada | 99.3 | W257AC | APP for changes | OR | Canyonville | 106.9 | KPOL-LP | CP to move transmitter |
| FL | Key Biscayne | 95.3 | W237CI | APP for changes | OR | Prineville | 104.9 | KNLX | CP for new station |
| FL | Key West | 105.5 | W288BV | APP for changes | PA | Berwick | 94.7 | W234BH | APP for changes |
| FL | Lynn Haven | 104.3 | WWHV | APP for changes ROA | PA | Hazleton | 90.5 | W213BU | APP for changes |
| FL | South Miami Heights | 107.1 | W296BP | APP for changes | PA | Levittown | 88.5 | WPLI | APP to move to 91.7 |
| FL | Ramrod Key | 95.5 | W238BU | APP for changes | PA | Warminster | 89.3 | WRDV | APP for changes |
| GA | Augusta | 105.7 | WEKL | APP for changes ROA | UT | Centerville | 92.1 | K217FQ | APP for changes |
| GA | Clayton | 96.3 | WRBN | CP for move to Dillsboro, NC on 104.1 | UT | Park City | 98.9 | K252EH | Mod request ROA |
| GA | Evans | 92.3 | WAEG | APP for aux facility ROA | WI | Sparta | 91.9 | ----- | APP for new station (S) |
| GA | Quitman | 91.3 | ----- | APP for new station ROA | | | | | |
| ID | Chubbuck | 98.5 | KLLP | APP to move to Filer | | | | | |
| ID | Hope | 90.7 | ----- | APP for new station (73.525) | | | | | |
| IN | Corydon | 101.5 | W274AD | APP for changes ROA | | | | | |
| IN | Plymouth | 89.3 | WIKV | APP for 44 kw/81 m (73.510) | | | | | |
| IN | Wadesville | 94.5 | WENS | APP for changes | | | | | |
| IA | Sioux City | 103.3 | KTFC | APP for changes | | | | | |
| ME | Scarborough | 91.7 | ----- | AF dismissed ROA | | | | | |
| MI | Hanover | 90.9 | WJKZ | APP for a CP modification | | | | | |
| MI | Newaygo | 89.1 | ----- | APP for new station | | | | | |
| MI | White Cloud | 89.1 | ----- | APP for new station | | | | | |

Violations Codes:
73.509 - Prohibited overlap
73.510 - Antenna systems
73.515 - Transmitter location not providing 60 dbu coverage over CoL
73.525 - TV Channel 6 protection
73.7002 - Fair distribution of service on reserved band FM channels

(S) - settlement
* - Petition for reconsideration has been filed

- OTHERNEWS -

| | | | | | | | | | |
|----|-------------------|-------|---------|--------------------------|----|--------------|------|---------|---|
| AR | North Little Rock | 101.1 | KWBF-FM | Is silent | FL | Jacksonville | 90.9 | WKTZ-FM | Fined \$5000 for repeatedly broadcasting |
| AR | Pine Bluff | 99.3 | KZYP | Is silent | | | | | |
| AR | Pine Bluff | 101.3 | KPBQ-FM | Is silent | | | | | |
| AZ | Fountain Hills | 89.1 | KLVK | CP for upgrade rescinded | | | | | (FM News Continues on Page 43) |



PHOTO NEWS

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

February 2009

It's been a while, but we hear again from 'ol Roy Barstow up in Teaticket, MA. Roy practically cleaned up on North Carolina DTV's last summer. Here are some highlights:



WFXI-DT-24 Morehead City, NC
 578 mi Tr seen 6/13/08
 @1856 ET



WITN-DT-32 Washington, NC
 542 mi Tr seen 6/13/08
 @2313 ET



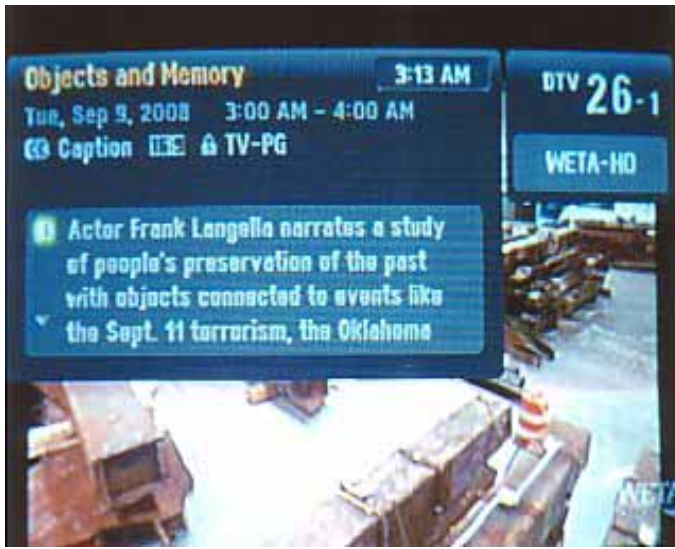
WUNC-TV-20 Columbia, NC
 495 mi Tr seen 7/17/08
 @1638 ET



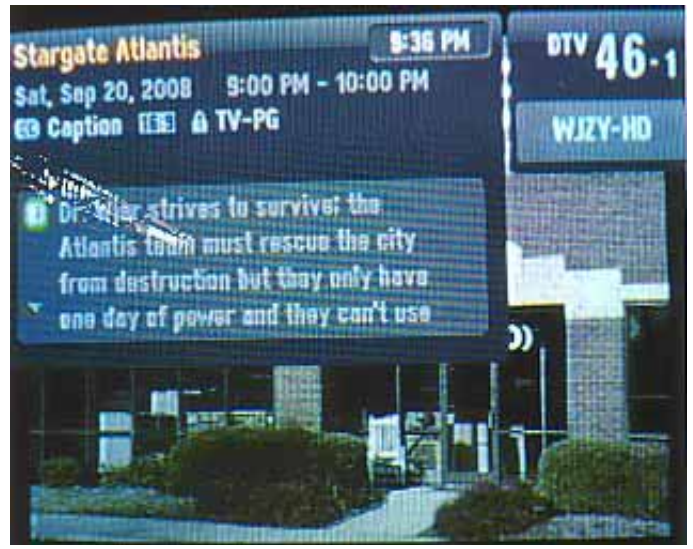
WECT-DT-44 Wilmington, NC
 645 mi Tr seen 7/18/08
 @0230 ET



WUTB-DT-41 Baltimore, MD
 354 mi Tr seen 9/09/08
 @0258 ET



WETA-DT-27 Washington, DC
386 mi Tr seen 9/09/08
@0313 ET



WJZY-DT-47 Belmont, NC
714 mi Tr seen 9/20/08
@2136 ET



WTVD-DT-52 Durham, NC
591 mi Tr seen 9/21/08
@0030 ET



WNCN-DT-55 Goldsboro, NC
585 mi Tr seen 9/21/08
@0245 ET



WXII-DT-31 Winston-Salem, NC
643 mi Tr seen 9/21/08
@0320 ET



WGPX-DT-14 Burlington, NC
609 mi Tr seen 9/21/08
@0344 ET



WFPX-DT-36 Fayetteville, NC
 635 mi Tr seen 9/21/08
 @1129 ET
*I'm gonna have to teach Roy not
 to cover up the good parts -jk*



WMMP-DT-35 Charleston, SC
 796 mi Tr seen 9/21/08
 @1352 ET
*This opening lasted into the
 afternoon. Amazing! -jk*



WBTW-DT-56 Florence, SC
 714 mi Tr seen 9/21/08
 @1150 ET



WFXB-DT-18 Myrtle Beach, SC
 707 mi Tr seen 9/21/08
 @1209 ET



WRAY-DT-42 Wilson, NC
 564 mi Tr seen 9/21/08
 @1142 ET



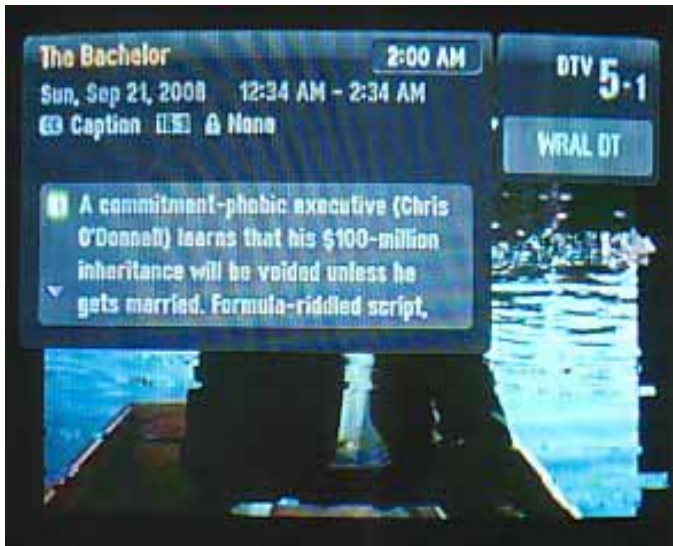
WCSC-DT-47 Charleston, SC
 796 mi Tr seen 9/21/08
 @1214 ET



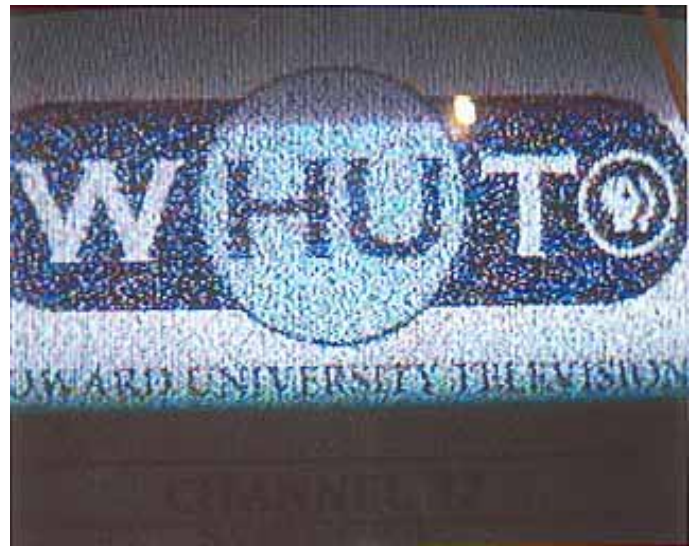
WCTI-DT-48 New Bern, NC
567 mi Tr seen 9/21/08
@1145 ET



WMYV-DT-33 Greensboro, NC
625 mi Tr seen 9/21/08
@0355 ET



WRAL-DT-53 Raleigh, NC
589 mi Tr seen 9/21/08
@0200 ET



WHUT-12 Washington, DC
386 mi Tr seen 9/9/08
@0250 ET

And now here's one from Charlie Burnham, K2GLP in Southold, L.I., NY:



KGAN-2 Cedar Rapids, IA
1005 mi Es seen 8/10/08
@1130 ET

73's, JEFF

WTFDA DX Contest

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

FINAL RESULTS

Analog FM:

| <u>DXer</u> | <u>Stations logged</u> | <u>Logging points</u> | <u>Grids</u> | <u>Total Score</u> |
|---|----------------------------|---------------------------|--------------|--------------------|
| Randolph Zerr <i>Fort Walton Beach, Florida</i> | 1,225 | 4,522 | 298 | 1,347,556 |
| Nick Langan <i>Florence, New Jersey</i> | 1,351 | 5,159 | 238 | 1,227,842 |
| Jeff Lehmann <i>Hanson, Massachusetts</i> | 807 | 2,926 | 128 | 374,528 |
| Steve Walko <i>Philadelphia, Pennsylvania</i> | 363 | 1,305 | 135 | 176,175 |
| Douglas Smith <i>Pleasant View, Tennessee</i> | 295 | 1,022 | 94 | 96,068 |
| John Cereghin <i>Smyrna, Delaware</i> | 318 | 1,253 | 59 | 73,927 |
| Victor Frank <i>Woodside, California</i> | 114 | 517 | 11 | 5,687 |

Digital ("HD") FM:

| <u>DXer</u> | <u>Stations logged</u> | <u>Logging points</u> | <u>Grids</u> | <u>Total Score</u> |
|---|----------------------------|---------------------------|--------------|--------------------|
| Nick Langan <i>Florence, New Jersey</i> | 162 | 482 | 43 | 20,726 |
| Jeff Lehmann <i>Hanson, Massachusetts</i> | 112 | 310 | 29 | 8,990 |
| Victor Frank <i>Woodside, California</i> | 31 | 98 | 4 | 392 |
| Randolph Zerr <i>Fort Walton Beach, Florida</i> | 5 | 10 | 1 | 10 |
| Douglas Smith <i>Pleasant View, Tennessee</i> | 4 | 8 | 1 | 8 |

Analog TV:

| <u>DXer</u> | <u>Stations logged</u> | <u>Logging points</u> | <u>Grids</u> | <u>Total Score</u> |
|---|----------------------------|---------------------------|--------------|--------------------|
| Roy Barstow <i>Teaticket, Massachusetts</i> | 289 | 850 | 97 | 82,450 |
| Danny Oglethorpe <i>Shreveport, Louisiana</i> | 266 | 628 | 114 | 71,592 |
| Robert Grant <i>Temperance, Michigan</i> | 237 | 698 | 87 | 60,726 |

(Contest Results continue on page 30)



Western U.S. TV DX

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

Send reports by the 15th of each month to:

Nick Langan
 1040 Riverview Drive
 Florence, NJ 08518
 E-mail: nickl@wtfd.org

The Editor's Note

Well, with speculation swirling that the DTV transition date may not be set in stone for this month, perhaps it's just as well with the no-show that has been the Winter E-Skip season so far. Tropo hasn't been much better but there have been a few flare-ups especially in and around Texas. The good news? Just 2 months till Spring!

We have reports from Dave, Fritze, and Dennis inside this edition of WTVDX. Enjoy!

Dave Pomeroy

2321 SE Libra Ct.
 Topeka, KS 66605-3505
 davepomeroy@sbcglobal.net

8/23/08

0900 Tr KDSM-DT 16 WHO-DT 19 KDMI-DT 56 Des Moines, IA
 0915 WOI-DT 59 Ames, IA
 KDIN-DT 50 Des Moines, IA

8/24

0115 KRIN-DT Iowa City, IA
 0120 KCRG-DT 52 Cedar Rapids, IA
 0130 KRIN-DT 32 Iowa City, IA
 KOLR-DT 52 KOZK-21 Springfield, MO

MO

KSPR-DT 19* Springfield, MO
 2045 KNLC-DT 14 St. Louis, MO
 2050 KDSK-DT 35 St. Louis, MO
 2200 WAND-17 Decatur, IL
 WICS-20 Springfield, MO

8/25

0650 KETA-DT 32 KWTW-DT 39 KTBO-DT 15 Oklahoma City
 0730 KOKH-25 KOCB-DT 33 KAUT-DT 40 Oklahoma City
 KTUZ-DT 29 Shawnee, OK
 0800 KOCM-46 Norman, OK

8/26

0630 KOCB-DT 33 KSBI-DT 51 Oklahoma City
 0650 KTUZ-DT 29 Shawnee, OK
 0750 WBUW-57 Janesville, WI
 0800 UNID-46 Daystar call letters

KXTM seen

(KXTM is on another channel in San

Antonio)

8/27

0600 WOI-DT 59 Ames, IA

WHO-DT 19 KBMI-DT 56 Des Moines, IA
 KQTV-DT 53 St. Joseph, MO (close but rare)

0610 WBUW-57 Janesville, WI
 0620 WMTV-15 Madison, WI

8/29

0700 KMJT-CA 15 Manhattan, KS
 KAAS-18 Salina, KS
 KOCW-14 Hoisington, KS
 KOOD-DT 16 Bunker Hill, KS

8/30

0700 KDSM-DT 16 KDMI-DT 56 Des Moines, IA
 KYOU-DT 14 Ottumwa, IA
 0730 WOI-DT 59 Ames, IA
 WHO-DT 19 KDIN-50 Des Moines, IA
 1200 KELO-DT 32 Sioux Falls, SD
 KMEG-14 KTIV-DT 41 Sioux City, IA

KXVO-DT 38 Omaha, NE
 1210 KMEG-DT 39 Sioux City, IA
 KTIN-21 Ft. Dodge, IA
 1250 KSFY-DT 29 Sioux Falls, SD
 1255 KDLT-DT 47 Sioux Falls, SD
 KIMT-DT 42* Mason City, IA
 2300 KNLC-DT 14 St. Louis, MO

9/8

0740 KHOG-DT 15 Fayetteville, AR
 KOZJ-DT 25 Joplin, MO
 0755 KHOG-29 Fayetteville, AR
 0800 KNWR-DT 50 Rogers, AR
 0815 KOED-DT 38 Tulsa, OK
 0830 KDOR-17 Bartlesville, OK

9/24

0630 KSMQ-15 Austin, MN
 0700 KCCI-DT 31 WHO-DT 19 Des Moines, IA
 WOI-DT 59 Ames, IA

0730 KYIN-24 Mason City, IA
 KFPX-39 Newton, IA
 KFJX-14 Pittsburg, KS

10/18
 2200 KDSM-17 Des Moines, IA
 WOI-DT 59 Ames, IA

10/19
 0025 Des Moines DTVs 16, 19, 31, 50, 56
 0400 KDOR-17 Des Moines, IA

11/2
 0515 KDSM-17 Des Moines, IA
 0530 KTIV-DT 41 KMEG-DT 39 Sioux
 City, IA
 KMEG-14 Sioux City, IA
 0535 KCAU-DT 30 Sioux City, IA

11/18
 0700 KDOR-17 Bartlesville, OK
 1030 K46FG-D* Falls City, NE

1/3/09
 0355 KMEG-14 Sioux City, IA
 KTIV-DT 41 KMEG-DT 39 Sioux
 City, IA
 KELO-DT 32 Sioux Falls, SD
 0800 KTXA-21 KTXA-DT 18 Ft. Worth,
 TX
 KDFW-DT 35 KXAS-DT 41 KERA-
 DT 14 KMPX-DT 30
 KMPX-29 KXTX-DT 40 Dallas-Ft.
 Worth area
 KTAQ-DT 46 Greenville, TX
 KTBX-44 Okmulgee, OK
 (over local WIBW-DT 44)
 0815 KDTX-58 Dallas, TX
 KPXD-68 Arlington, TX
 KTBO-DT 15 Oklahoma City, OK
 0855 KJRH-DT 56 Tulsa, OK
 0900 KQCW-19 Muskogee, OK
 KWHB-47 KOED-DT 38 Tulsa, OK
 KOKH-25 Oklahoma City, OK

For your information the following are my local stations:

Topeka KTWU-11 DT-23 WIBW-13 DT 44
 KSNT-27 DT 28 KTKA-49 DT 48
 LPTVs TBN 33, Fox 43

Kansas City (semi-local with excellent DTV reception) WDAF-4 DT 34 KCTV-5 DT 24
 KMBC-9 DT 7 KCPT-19 DT 18
 KCWE-29 DT 31 KMCI-DT 38 DT 36
 KSHB-41 DT 42 KPXE-50 DT 51
 KSMO-62 DT 47
 LPTVs Daystar 35 HSN 45 (always in but usually weak)

St. Joseph KQTV-2 DT 53 (channel 2 marginal, KQTV-DT very rare
 KTAJ-16 DT 21 (actually now located in Kansas City, MO but still licensed to St. Joseph) Seen only once when it was very low power in St. Joseph.
 Others often seen are Sedalia, MO (KMOS-DT 15), Wichita, Omaha, Council Bluffs and KMIZ-17 from Columbia, MO.

I have several sets but primarily DX with a 13-inch Symphonic with a Zenith converter box

and a 9-inch Zenith for analog. I have a large Winegard VHF antenna (I can't remember the model number) and a Channel Master 6-foot UHF parabolic. Both are on a 50-foot tower with rotor.

Fritze H. Prentice, Jr

3275 State Highway 114W
 Star City, AR 71667

email: kc5kbv@yahoo.com

web: <http://tvdxseark.blogspot.com>

Antenna: UHF TV--Channel Master 4228
 VHF TV/FM --unknown make 4

element log periodic

Preamp: Channel Master 7777 Titan

Rotor GC w/CM rotor control

TV's: Analog: 1984 Vintage RCA 12" B&W manual tune ('click knobs') mainly for low band VHF

Durabrand (Orion) 13" Color for UHF and general VHF

Digital: Panasonic CT1030v 10" Color Monitor (NTSC in/out) and Zenith DTT900 Converter Box

PC Capture Card: WinTVGo (PC OS: Windows XP)

VCR: Panasonic 4 head stereo (2001 vintage) to archive analog TV

DVD Recorder: Panasonic DMR-ES10 to archive DTV

A forgettable December 15-January 14th. Bands were dead for the most part, so attended to some other projects. One project was installing a new hard drive in the hamshack computer which previously only archived radio audio. I managed to back up that data before it went belly up. The OS system was upgraded to Debian GNU/Linux from the previously installed Windows 2000. The other windows machine (Win XP) that did screen captures is now elsewhere in the house. Okay enough computer talk...

E's were non-existent during December 15-January 14. Tropo was limited, more so than during late November. Hopefully, the tropo will roll in the final days of analog.

Logs: Tropo January 2, 2009

Warm front passed through Southern Arkansas going north that day. Bands opened from the South and West to the North as the day passed.

10:33am WFAA 8 Dallas TX. "The View", weak video. Checked analog TV during an FM tropo opening.

3:05pm KTUL 8 Tulsa OK "Bonnie Hunt Show", very weak video but with color. Came and went quickly

6:56pm KSPR-DT 19 Springfield MO "Inside Edition", but intermittent lock for about 90 minutes into ABC network programming.

Dennis Park Smith

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

Equipment – TV rxs with indoor antennas:

- 1st floor: Oldish 13" analog MGA/Mitsubishi CS1395, rabbit ears & bow-tie
- 2nd floor: Feb-2008 20" LG HD flat-screen 20LS7D, ears & 2-bay bow-tie

This report is for December 2008. There was somewhat less southern-Calif coastal tropo to San Diego/Tijuana up to 200 mi / 320 km with colder and more unsettled conditions, though there was a little improvement late in month.

| | |
|-------------------------------------|------------------------------|
| Nov 29 – Dec 1 | Fair |
| Dec 2 – Dec 4 | None |
| Dec 5 – Dec 6 | Poor |
| Dec 7 – Dec 10 | None (colder) |
| Dec 11 – Dec 12 warming) | Poor (some) |
| Dec 13 – Dec 20 (rain Dec 14-17) | None (colder yet) |
| Dec 21 | Poor |
| Dec 22 – Dec 27 25) | None (rain Dec 22-25) |
| Dec 28 – Dec 30 | Poor |
| Dec 31 – Jan 1 | Barely fair (slight warming) |

Equipment at Don Voegele's place – TV rxs with outdoor antennas:

- Apx 15" analog TV, with newly-installed oldish VHF medium-range log antenna
- Don's new 2008 19" flat-screen Sansui HD-LCD-1908 ATSC-NTSC, with the Finco UHF 5-ft dish

Don and Julia Voegele arrived again in S.B. from WA state in mid-December, just ahead of snowstorms en route. They plan to be here for about 3 months. I got together with Don at his place on Dec 31 aft-eve for some DX observing with fair tropo to San Diego / Tijuana. Nothing new/unusual was seen beyond what was expected, though obviously better VHF analog was observed from Los Angeles, San Diego, and Tijuana with the new antenna up (instead of previously-used VHF indoor ears), and at least some UHF analog & DTV was seen from S.D. and Tijuana, up to 200 miles. It was also nice to see analogs that had been hidden behind our local LPs, all 9 still off. Not a bad start---we'll see whatever improved condx bring in the next few months.

Best of DX to all

Dennis

CONTEST RESULTS CONTINUE FROM PAGE 27

| | | | | |
|---|----|-----|----|-------|
| <i>Douglas Smith</i> <i>Pleasant View, Tennessee</i> | 73 | 202 | 30 | 6,060 |
|---|----|-----|----|-------|

Digital TV:

| <u>DXer</u> | <u>Stations logged</u> | <u>Logging points</u> | <u>Grids</u> | <u>Total Score</u> |
|---|-------------------------------|------------------------------|---------------------|---------------------------|
| <i>Roy Barstow</i> <i>Teaticket, Massachusetts</i> | 127 | 270 | 28 | 7,560 |
| <i>Danny Oglethorpe</i> <i>Shreveport, Louisiana</i> | 78 | 156 | 25 | 3,900 |
| <i>Robert Grant</i> <i>Temperance, Michigan</i> | 68 | 136 | 17 | 2,312 |
| <i>Douglas Smith</i> <i>Pleasant View, Tennessee</i> | 48 | 96 | 18 | 1,728 |
| <i>Steve Rich</i> <i>Indianapolis</i> | 43 | 86 | 18 | 1,548 |
| <i>Jim Thomas</i> <i>Milliken, Colorado</i> | 16 | 32 | 3 | 96 |

Well, we've got our winners! Congratulations to Randy, Nick, and Roy (twice)! We'll get the awards on the way shortly. Thanks for your participation!

SOUTHERN FM DX

John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
southernfmdx@wtfd.org
Deadline: 15th

February 2009



Pat Dyer – 5315 Silvertip Drive – San Antonio, TX
78228-2744

1979 Realistic TM-1001 tuner (sometimes with IF mod with two 110-kHz filters, more often two 150-kHz filters); into a pair of Accent amplified computer speakers - & as of Jun 10 mixed/mostly 2008 Sony XDR-F1HD - also into a pair of Accent amplified computer speakers. 1999 Conrad RDS Manager *; 52-ohm step-attenuator box and Winegard FT-7600 trap (tuned to 97.3), used to reduce intermod overload from the Galm Road antenna farm c. 9-miles wnw (not used any more with the Sony). 1977 6-e Archer model 15-1636A antenna at 20' with rotor.

(* PI's were determined by running a serial data line to a 1992 386-SX-16 using DOS-based RDS-decoder software - in early Jun that cable was modified so that RDSDecoder 3.0 could be run with it on a 1997 Win98SE Toshiba 430CDT laptop and a 2004 XP T3256 e-machine)

6/1 Tr

0658 KJAK 92.7 TX Slaton, ID 340
0846 KXTQ 93.7 TX Lubbock, SS, town ID 339
2340 WYNK 101.5 LA Baton Rouge, ID 442
2354 KSMB 94.5 LA Lafayette, RDS PI+A4C1 387

6/1 Es

0953 WKWX 93.5 TN Savannah, local ad 728

6/2 Tr

0540 KFMX 94.5 TX Lubbock, "FM-X" 340
0547 KXTQ 93.7 TX Lubbock, "Magic 93.7," SS 339

0551 KXSS 96.9 TX Amarillo, town ad, ID 445

6/3 Es

0934 WYFH 90.7 SC North Charleston, BBN 1110
0942 WSCC 94.3 SC Goose Creek, RDS PI=8466 1132

1001 WWVP 09/7 GA Albany, rel, local "ad" 860
1018 WAYR 90.7 GA Brunswick, "Way FM" 1026

6/5 Es

2058 WKTI 94.5 WI Milwaukee, "KTI" 1112
2100 WBCM 93.5 MI Boyne City, "WTCM" 1325

6/6 Es

1817 KPLV 93.1 NV Las Vegas, "The Party," bogus RDS PI=1F1E 1079
1819 KSOS 90.5 NV Las Vegas, RDS PI=4106, "SOS" 1054
1829 KKTO 90.5 CA Tahoe City, ID w/KXJZ 1386

6/8 Es

0857 WCFB 94.5 FL Daytona Beach, area ID,

0858 WHTQ 96.5 FL Orlando, ID 1061
0900 WWKA 92.3 FL Orlando, RDS PI=8FC4, Later "K-92," ID 1061
0903 WOCL 105.9 FL DeLand, "Sunny 105.9," RDS PI=79DF 1042

6/9 Es

1023 WHMI 93.5 MI Howell, RDS PI=6864, area/local ads, ID 1221
1117 WTNR 94.5 MI Holland, "New Thunder Country" 1160
1324 WPOW 96.5 FL Miami, RDS PI=7DC6 1149
1327 WIRK 107.9 FL West Palm Beach, RDS PI=6B8C 1135
1337 WHTQ 96.5 FL Orlando, RDS PI=6922 1061
1342 WWKA 92.3 FL Orlando, k, "K-92" 1061
1343 WCFB 94.5 FL Daytona Beach, area ID 1042

6/12 Es

1745 CJEL 93.5 MB Winkler, "The Eagle" 1356
1800 KEYA 88.5 ND Belcourt, ID 1340
1832 KUND 89.3 ND Grand Forks, UND 1296
1848 KGCX 93.1 MT Sidney, "Eagle 93" 1302
1853 WMIS 92.1 MN Blackduck, area tornado warning 1266
1856 CHBD 92.7 SK Regina, "Big Dog 92.7," town ID 1482
1859 KSKK 94.7 MN Staples, EAS area storm warning 1199
1900 KLKS 104.3 MN Breezy Point, MN area wx 1207
1901 KKZY 95.5 MN Bemidji, EAS WXM99 wx warning 1252
1907 KKWS 105.9 MN Wadena, area severe wx warning 1200
1910 KNOX 94.7 ND Grand Forks, "Rooster 94.7," RDS PI=33D7 1283
1922 KPHR 106.3 MN Ortonville, area ad, "Power 106.3" 1084
1925 KQDY 94.5 ND Bismarck, ID 1212
1927 KGFX 92.7 SD Pierre, "River 92.7" 1030
1932 KTZU 94.9 ND Velva, RDS PI=44CA 1292
1936 WTBX 93.9 MN Hibbing, local/area ID 1272
2001 WELY 94.5 MN Ely, ID 1322
2009 KLAN 93.5 MT Glasgow, area wx, area/local ad/ID 1356
2215 WLJZ 94.5 MI Mackinaw City, area/local ID 1351
2218 WBCM 93.5 MI Boyne City, "WTCM" 1325

6/13 Es

0850 WHTQ 96.5 FL Orlando, ID 1061
0857 WRDJ-LP 93.5 FL Merritt Island, rel, ID 1083

| | | | | | | | |
|---|-------|----|--|----------------|-------|----|--|
| 0910 WKRO | 93.1 | FL | Edgewater, "Crow Country," later ID, wkro.com 1068 | | | | 1184 |
| 0921 WCFB | 94.5 | FL | Daytona Beach, "Star 94.5" 1042 | 1014 WMIL | 106.1 | WI | Waukesha, HD ID 1112 |
| | | | | 1018 KQLX | 106.1 | ND | Lisbon, local wx, later ID 1174 |
| | | | | 1019 WBCV | 107.9 | WI | Wausau, town ID 1187 |
| <u>6/14 Es</u> | | | | 1022 KMJO | 104.7 | ND | Hope, RDS "Mojo 104" 1216 |
| 0918 WMUB | 88.5 | OH | Oxford, ID 1048 | | | | |
| 0919 WVCP | 88.5 | TN | Gallatin, ID, Volunteer State College 851 | | | | |
| 0923 WLZT | 93.3 | OH | Chillicothe, HD ID 1122 | | | | |
| 0934 WBTQ | 93.5 | WV | Buckhannon, "Today's Best Hits" 1243 | 1048 WLTE | 102.9 | MN | Minneapolis, 1029litfm.com 1117 |
| 0940 WSEK | 93.9 | KY | Burnside, "K-93 Power," k93country.com 972 | 1051 WXLP | 96.9 | IL | Moline, local ad 940 |
| 0941 WRRR | 93.9 | WV | St. Marys, "Lite Rock 93-R" 1202 | 1053 WOLX | 94.9 | WI | Baraboo, ID 1083 |
| 0951 WRVC | 92.7 | KY | Catlettsburg, "The Planet" 1105 | 1054 KSTP | 94.5 | MN | St. Paul, area ads, later "KS-95" 1118 |
| 1123 WARO | 94.5 | FL | Naples, local ad, "Classic Rock" 1052 | 1057 WMMA | 93.9 | WI | Nekoosa, "Relevant Radio" 1127 |
| 1126 WWRM | 94.9 | FL | Tampa, "...magic949.com" 996 | 1101 WOZZ | 93.5 | WI | New London, ID 1178 |
| 1129 WFLZ | 93.3 | FL | Tampa, HD ID 996 | 1102 WTHB | 96.9 | GA | Wrens, RDS ID 994 |
| 1136 WHTQ | 96.5 | FL | Orlando, RDS/HD ID 1061 | 1105 KCIJ | 106.1 | IA | Washington, ID 904 |
| 1143 WPBH | 93.5 | FL | Port St. Joe, RDS PI=7C65, "Rock 93.5" 801 | 1105 WYNA | 104.9 | NC | Calabash, "We Play Anything" 1202 |
| 1153 WMTM | 93.9 | GA | Moultrie, area ad, "Cruisin' 94," o 891 | 1106 WEKL | 105.7 | GA | Augusta, "Eagle 105.7" 1023 |
| 1158 WEAS | 93.1 | GA | Springfield, ID 1039 | 1106 WJMX | 103.3 | SC | Cheraw, "103-X" 1147 |
| 1159 WVOH | 93.5 | GA | Hazlehurst, ID 966 | 1117 WWSN | 103.3 | GA | Waycross, sunny103.net 997 |
| 1205 WZFX | 99.1 | NC | Whiteville, area ID, "Z-99" 1213 | 1117 WXLY | 102.5 | SC | North Charleston, area ad 1132 |
| 1211 WKSL | 93.9 | NC | Cary, "Kiss FM" 1211 | 1120 WFXH | 106.1 | SC | Hilton Head Island, "Rock 106.1" 1069 |
| 1214 WLQB | 93.5 | NC | Ocean Isle Beach, "Que Buena" 1224 | 1121 WTYB | 103.9 | GA | Tybee Island, "Magic 103.9" 1058 |
| 1221 WYFQ | 93.5 | NC | Wadesboro, BBN 1134 | 1128 WHTF | 104.9 | FL | Havana, "Hot 104.9," area ads 862 |
| 1257 WMHK | 89.7 | SC | Columbia, ID 1093 | 1145 WGNE | 99.9 | FL | Middleburg, "Gator Country" 1016 |
| 1258 WTEB | 89.3 | NC | New Bern, ID, Public Radio East 1311 | 1158 WMXQ | 102.9 | FL | Jacksonville, "The Point" 1021 |
| 1259 WKNS | 90.3 | NC | Kinston, ID, Public Radio East 1276 | 1203 WJGL | 96.9 | FL | Jacksonville, "The Eagle" 1021 |
| <u>6/15 Es</u> | | | | 1213 WMTM | 93.9 | GA | Moultrie, local ad 891 |
| 0745 WKKO | 99.9 | OH | Toledo, "K-100" 1194 | 1219 WJCL | 96.5 | GA | Savannah, local ad 1039 |
| 0747 WRVF | 101.5 | OH | Toledo, "The River," local ad 1195 | 1221 WCFB | 94.5 | FL | Daytona Beach, "Star 94.5" 1042 |
| 0750 CKDK | 103.9 | ON | Woodstock, "The Hawk," area ad 1363 | 1228 WRVQ | 94.5 | VA | Richmond, town ID, later q94radio.com 1340 |
| 0753 WOMC | 104.3 | MI | Detroit, o 1243 | 1246 WYFH | 90.7 | SC | North Charleston, BBN 1110 |
| 0754 WNTR | 107.9 | IN | Indianapolis, HD ID 1005 | 2026 TG-- | 88.5 | GU | Guatemala City, "Radio Galaxia" 1120 |
| 0801 WIOT | 104.7 | OH | Toledo, RDS ID 1195 | | | | |
| 144 MHz Es, mostly MN and IA, with some WI, MI, IL (during ARRL VHF Contest, like in 1987). Link to my maps of the event are at http://www.qsl.net/wa5iyx/2m080615.htm . Also had Es at 0854 with KXI68 162.45 St. Ansgar IA (with 2002 FT-847 and 11 element 2-m 8' AGL) 1011 | | | | <u>6/16 Tr</u> | | | |
| 0938 WSHZ | 107.9 | MI | Muskegon, HD ID 1170 | 0804 KJAE | 93.5 | LA | Leesville, "KJ-93.5" 336 |
| 0939 KQQL | 107.9 | MN | Anoka, HD ID 1132 | 0832 KTYL | 93.1 | TX | Tyler, area ad 290 |
| 0947 WMUS | 106.9 | MI | Muskegon, ID 1175 | <u>6/16 Es</u> | | | |
| 0956 KKWS | 105.9 | MN | Wadena, wx, "K-106" 1200 | 0821 WKES | 91.1 | FL | Lakeland, RDS 1006 |
| 0956 KKEQ | 107.1 | MN | Fosston, "Q-107," rel 1263 | 0823 WWKA | 92.3 | FL | Orlando, local ad 1061 |
| 1002 WOOD | 105.7 | MI | Grand Rapids, "Star 105.7" 1164 | 0953 WHMI | 93.5 | MI | Howell, area ad 1221 |
| 1005 KLKS | 104.3 | MN | Breezy Point, "K-Lakes," area ad, wx 1207 | 1041 WNFB | 94.3 | FL | Lake City, local ad 943 |
| 1007 WAPL | 105.7 | WI | Appleton, ID, "Rockin' Apple" 1181 | 1053 WBGA | 92.7 | GA | St. Simons Island, area ad 1027 |
| 1008 KPFX | 107.9 | ND | Fargo, town ID, "The Fox" | 1128 WKEY | 93.5 | FL | Key West, "K-ezy" 1090 |
| | | | | 1154 WOGK | 93.7 | FL | Ocala, "RDS "93.7 FM," k 994 |
| | | | | 1200 WROO | 92.7 | FL | Green Cove Springs, "Hallejulah 92.7" 1016 |
| | | | | <u>6/17 Tr</u> | | | |
| | | | | 0100 KQXY | 94.1 | TX | Beaumont, ID, "Q-94," |



0649 KLDN 88.9 TX over local KTFM 279
Lufkin, "Red River Radio"
264

6/19 Tr

0658 KLGO 99.3 TX Thorndale, area ads,
"The Word" 105



6/21 Es

1114 KGFX 92.7 SD Pierre, town ID, "River
92.7" 1030
1133 KLND 89.5 SD Little Eagle, ID 1131
1144 KCSP 90.3 WY Casper, "Pilgrim" 1012
1148 KBRB 92.7 NE Ainsworth, town ID 907
1152 KQDY 94.5 ND Bismarck, "KQ-94" 1212
1158 KCSU 90.5 CO Fort Collins, ID 853

6/22 Es

1127 WJGL 96.9 FL Jacksonville, "The Eagle"
1021
1147 WFSU 88.9 FL Tallahassee, RDS, new
mode 880
1158 WJYF 95.3 GA Nashville, ID, "K-Love"
915
1202 WKSJ 94.9 AL Mobile, ID 659
1205 WQIK 99.1 FL Jacksonville, HD ID 1021
1208 WWRQ 107.9 GA Valdosta, "Rock 108" 923
1208 WPFM 107.9 FL Panama City, "PFM" 791
1212 WTLY 107.1 GA Thomasville, "Magic
107.1" 862
1221 WMXQ 102.9 FL Jacksonville, "The Point"
1021
1223 WWLD 102.3 GA Cairo, "Blazin' 102.3" 859
1229 WTNT 94.9 FL Tallahassee, ID 860
1230 WFLF 94.5 FL Parker, "WFLA," area town
801
1238 WCRJ 88.1 FL Jacksonville, "The Promise"
1021
1245 WNFB 94.3 FL Lake City, ID, "Mix 94.3"
943
1249 WKGC 90.7 FL Panama City, RDS 765

6/22 Ms

1555 WVCO 94.9 SC Loris, "The Surf," new mode
1204

6/24 Es

1244 WJKL 94.3 IL Glendale Heights, Chicago
area 1040
1245 WTNR 94.5 MI Holland, "Thunder 94.5"
1160
1248 WLAV 96.9 MI Grand Rapids, RDS, "97
LAV" 1184
1253 WKZC 94.9 MI Scottville, "Z-95," k 1209
1255 WAVC 93.9 MI Mio, "Big Country" 1310
1257 WGVS 95.3 MI Whitehall, NPR 1174
1258 WKOT 96.5 IL Marseilles, town ID, "Cool
96.5" 985
1300 WBCM 93.5 MI Boyne City, ID 1325
1304 WKIE 92.7 IL Arlington Heights, Chicago
area, "Nine FM" 1056
1835 KSNA 94.3 ID Rexburg, area ad 1231
1839 KZJH 95.3 WY Jackson, "KZ-95" 1177
1851 KKMK 93.9 SD Rapid City, "Magic 93.9"
1039

1855 CHMX 92.1 SK Regina, area ads 1484
1858 KGCX 93.1 MT Sidney, "Eagle 93," classic
r 1302
1939 WDUX 92.7 WI Waupaca, town ID 1153
1948 WGOR 93.9 WI Sturgeon Bay, ID 1230
1950 WOZZ 93.5 WI New London, ID 1178
1951 WIMK 93.1 MI Iron Mountain, "The Bear"
1266

6/26 Es

1157 WRJO 94.5 WI Eagle River, town ID 1256
1253 KBRB 92.7 NE Ainsworth, ID 907
1256 KQDY 94.5 ND Bismarck, local ad 1212
1300 KCSD 90.9 SD Sioux Falls, ID 980
1301 KGFX 92.7 SD Pierre, town ID 1030
1309 KRVN 93.1 NE Lexington, RDS 779
1318 KNDR 104.7 ND Mandan, ID 1189
1320 KUSB 103.3 ND Hazleton, "US Country"
1189
1325 KSSS 101.5 ND Bismarck, 1015.fm, later
local ad 1212
1330 KBYZ 96.5 ND Bismarck, "The Fox" 1189
1610 WQPC 94.3 WI Prairie du Chien, "Q 94"
1026



1611 KUND 89.3 ND Grand Forks, ND wx, NPR
1296
1630 WMUU 94.5 SC Greenville, area ad 1017
1641 WAXM 93.5 VA Big Stone Gap, ID 1041
1652 WAHR 99.1 AL Huntsville, "Star 99.1" 790
1656 WXBQ 96.9 TN Bristol, ID 1067
1714 WTBK 105.7 KY Manchester, Clay County
sports 1006
1715 WWEL 103.9 KY London, town ID 990
1716 WTCR 103.3 WV Huntington, ID 1113
1720 WUHU 107.1 KY Smiths Grove, area ad, ID
876
1725 WDHR 93.1 KY Pikeville, ID 1075
1735 WRDO 96.9 GA Fitzgerald, town ID 926
1748 WYEZ 94.5 SC Murrells Inlet, area ad
1174
1749 WTHB 96.9 GA Wrens, RDS 994
1752 WVCO 94.9 SC Loris, area ad 1204
1757 WSCC 94.3 SC Goose Creek, RDS "WSC"
1132
1806 WJCL 96.5 GA Savannah, "Kix 96.5," k
1039
1808 WYFQ 93.5 NC Wadesboro, BBN 1134

6/27 Ms

1623 KSJQ 92.7 MO Savannah, "Q-Country,"
new mode 754

6/28 Es

0758 WJGL 96.9 FL Jacksonville, town ID
1021
0847 WSCC 94.3 SC Goose Creek, area ad
1132
0850 WZMJ 93.1 SC Batesburg, ESPN 1054
6/29 Es
0946 WJGL 96.9 FL Jacksonville, town ID
1021
1015 WKES 91.1 FL Lakeland, RDS 1006
1018 WWRM 94.9 FL Tampa, "Magic" 996
1019 WXTB 97.9 FL Clearwater, RDS "98



Fritze H. Prentice, Jr. – 3275 State Highway
114W – Star City, AR 71667 – CST
kc5kbv@yahoo.com -
<http://tvdxseark.blogspot.com>

Sangean HDT-1 receiver for FM
(analog/RDS/IBOC- "HD radio"), VHF/FM 4
element (used also for VHF TV) @ 25' AGL,
Channel Master CM7777 preamp

Slow month, but I managed to have one morning
of logs. 1/2/09 brought a warm front from
Louisiana and Texas and some tropo from the
DFW area on open FM frequencies.

1/2/09 Tr

| | | | |
|-----------|-------|----|--|
| 1013 KOXE | 101.3 | TX | Brownwood, k |
| 1033 KDGE | 102.1 | TX | Dallas, "102.1 The Edge," active/alt r |
| 1034 unID | 107.7 | ?? | ??, classic r, Eric Clapton "Cocaine" over semi local KLAL 107.7 Wrightsville AR (near Little Rock) |
| 1036 KBFB | 97.9 | TX | Dallas, overprocessed hip hop |
| 1036 unID | 107.1 | ?? | ??, SS |
| 1037 WRR | 101.1 | TX | Dallas, c with live announcer |
| 1128 KEOM | 88.5 | TX | Mesquite, RDS, 70's oldies |



From the Editor

Thanks to Pat and Fritze for their reports this
month. There's more from Pat coming up in the
March VUD.

I have to sing the praises of the Sony XDR-
F1HD, too. There's a great technical review of it
on ham-radio.com at [http://www.ham-
radio.com/k6sti/xdr-f1hd.htm](http://www.ham-radio.com/k6sti/xdr-f1hd.htm). I look forward to
what it can do in picking up HD signals "around"
my analog locals next summer!

Rock" 962
1021 WFLZ 93.3 FL Tampa, HD ID 996
1023 WBTP 95.7 FL Clearwater, HD ID 974
1035 WSJT 94.1 FL Lakeland, HD ID over
KTFM 1007
1044 WDNA 88.9 FL Miami, "Serious Jazz"
1142
1048 WYUU 92.5 FL Safety Harbor, SS, RDS
"EL TRAKETEO" 963
1058 WJIS 88.1 FL Bradenton, joy.com 998
1106 WMSL 88.9 GA Athens, "Great 88" 938
1107 WEOW 92.7 FL Key West, RDS "WOW
92.7" 1101
1114 WAVW 92.7 FL Stuart, "Wave 92.7," RDS
"WAVE" 1122
1134 WGMX 94.3 FL Marathon, ID 1124
1402 WKEY 93.5 FL Key West, "K-ezy" 1090
1408 WARO 94.5 FL Naples, classicrock945.com
1052
1417 WHTQ 96.5 FL Orlando, HD ID 1061
1419 WWKA 92.3 FL Orlando, RDS "K92FM"
1061
1433 WINK 96.9 FL Fort Myers, ID 1041
1439 WOLZ 95.3 FL Fort Myers, "OLZ" 1041
1448 WTLT 93.7 FL Naples, "Lite 93.7" 1048

Comments:

The largest upgrade to my FM-DX equipment
since Oct 1979 occurred with the acquisition of
the Sony XDR-F1HD tuner (my "review" at
<http://www.qsl.net/wa5iyx/sony-rev.htm>). Its
fabulous selectivity and overload/intermod
resistance is mitigated by the loss of all RDS PI
info. The latest consensus is that there is likely
no easy modification to enable any recovery of
that data. It's ironic that I'd just discovered a
minor mod to the Conrad RDS Manager serial
cable that finally enabled me to run more-
sophisticated software to display the fields
(including PI) on machines newer/faster than my
ancient 1992 386-SX-16! This lack of PI codes
probably caused me much more Internet
searching time in having to track down local
addresses for advertisements, etc. - so a definite
step backwards.

Now to the June DX. The tropo to the Texas
panhandle early in the month had not been
observed in a very long time. The highlight of the
month was the Jun 15th event where the Es MUF
reached at at least Ch 7 here (only as CCI to our
local KFLZ-7, which in October became KFLZ-
CA-6). Locals on Ch 8 (KLRN-DT), Ch 9 (KLRN),
Ch 10 (KBNB-LP), Ch 11 (KMHZ-LP), and Ch 12
(KSAT) pretty well obscured any evidence of Es
there. My first-ever NOAA NWS Es catch came
that day can be heard

at http://www.qsl.net/wa5iyx/ra/kxi68_08.ra

The selectivity of the Sony enabled more loggings
on the channels adjacent to our non-HD locals.
A few times DX HD stations "captured" the
channel from a few of our local non-HD!
(Actually, it's more a case of their HD IBOC
adjacent channel "sidebands" grabbing things.)
The two new Saskatchewan catches, being near
1500 miles, might be deemed as double-hop Es.
73, Pat - WA5IYX

ANALOG NIGHTLIGHT INITIAL ELIGIBILITY LIST

Here's a list of the stations that have been found initially eligible to participate in the "analog nightlight" program. Stations on this list may continue to operate in analog until March 19th upon notification to the FCC. They are not required to do so. Some stations on this list are known to have already shut down their analog operations and are very unlikely to return them to the air! Additional stations not on this list may request nightlight authority. Nightlight authority limits analog programming to information about the DTV transition and emergency messages.

This whole program could end up being pre-empted by a proposal to delay the February 17th analog shutdown.

Stations that may be short-spaced to another DTV operation are marked with an *.

Stations in **boldface** have already expressed interest in "nightlight" operation.

Stations marked with a # are believed to have signed off analog early. These markings are not complete.

Channel 2:

KTUU Anchorage, AK
 KATN Fairbanks, AK
 WDIQ Dozier, AL
 KETS Little Rock, AR
 KCBS Los Angeles, CA*
 KTVU Oakland, CA
 KWGN Denver, CO*
WESH Daytona Bch, FL
 WPBT Miami, FL
 WSB Atlanta, GA
 KHBC Hilo, HI#
 KHON Honolulu, HI#
 KGAN Cedar Rapids, IA
 KBCI Boise, ID
 WBBM Chicago, IL
 WTWO Terre Haute, IN
 KSNC Great Bend, KS
 WBRZ Baton Rouge, LA
 WGBH Boston, MA
 WMAR Baltimore, MD
WJBK Detroit, MI
 KTCA St. Paul, MN
 KQTV St. Joseph, MO
 KTVI St. Louis, MO
 WMAB Miss State, MS
 KTVQ Billings, MT*
WUND Edenton, NC
 WFMY Greensboro, NC*
 KXMA Dickinson, ND*
 KGFE Grand Forks, ND
 KASA Santa Fe, NM
 KTVN Reno, NV
 WGRZ Buffalo, NY
 WCBS New York, NY
 WKTV Utica, NY
 WDTN Dayton, OH
 KJRH Tulsa, OK
 KOTI Klamath Falls, OR
 KATU Portland, OR
 KDKA Pittsburgh, PA
 WKAQ San Juan, PR
 WCBD Charleston, SC
 KUSD Vermillion, SD
 WKRN Nashville, TN
 WETP Sneedville, TN
 KACV Amarillo, TX
 KDTN Denton, TX
 KCWX Fredericksburg, TX
 KPRC Houston, TX
 K MID Midland, TX
 KUTV Salt Lake C, UT*
 KREM Spokane, WA

WBAY Green Bay, WI
 KTWO Casper, WY*

Channel 3:

KTOO Juenuau, AK
 KFTU Douglas, AZ
 KTVK Phoenix, AZ
KCRA Sacramento, CA
 KEYT Santa Barbara, CA
 KREG Glenwood Sps, CO
 KCDO Sterling, CO
 WFSB Hartford, CT
 WEAR Pensacola, FL
 WEDU Tampa, FL
 WRBL Columbus, GA
 WSAV Savannah, GA
 KGMV Wailuku, HI#
 KIMT Mason City, IA
 KIDK Idaho Falls, ID
 KLEW Lewiston, ID
 WCIA Champaign, IL
WSIL Harrisburg, IL
 KSWK Lakin, KS
 KSNW Wichita, KS
 WAVE Louisville, KY*
 KATC Lafayette, LA
KTBS Shreveport, LA
 WJMN Escanaba, MI
 WWMT Kalamazoo, MI
 KDLH Duluth, MN
 KTVO Kirksville, MO
 KYTV Springfield, MO
 WLBT Jackson, MS
 KRTV Great Falls, MT
 WBTV Charlotte, NC*
 WWAY Wilmington, NC
 KBME Bismarck, ND*
 KLNE Lexington, NE
 KMTV Omaha, NE
 KOFT Farmington, NM*
 KENW Portales, NM
 KVBC Las Vegas, NV
 WSTM Syracuse, NY*
 WKYC Cleveland, OH
 KOET Eufaula, OK
 KOAB Bend, OR
 WPSU Clearfield, PA
 KYW Philadelphia, PA
 WIPM Mayaguez, PR
 KOTA Rapid City, SD
 WRCB Chattanooga, TN
 WREG Memphis, TN
 KBTX Bryan, TX

KIII Corpus Christi, TX
 KSAN San Angelo, TX
 KFDX Wichita Falls, TX
 KCBU Price, UT*
 WHSV Harrisonburg, VA*
 WTKR Norfolk, VA*
 WCAX Burlington, VT
 WISC Madison, WI
 WSAZ Huntington, WV*

Channel 4:

KTBY Anchorage, AK
 KUBD Ketchikan, AK
 KJNP North Pole, AK
 WTVY Dothan, AL
 KARK Little Rock, AR
 KVOA Tucson, AZ
KNBC Los Angeles, CA
 KRON San Francisco, CA
 KCNC Denver, CO
 KFQX Grand Jctn, CO
 WRC Washington, DC*
WJXT Jacksonville, FL
 WFOR Miami, FL
KITV Honolulu, HI#
 KTIV Sioux City, IA
 KAID Boise, ID
 WTTV Bloomington, IN*
 KLBY Colby, KS
 WWL New Orleans, LA
 WBZ Boston, MA
 WTOM Cheboygan, MI
 WDIV Detroit, MI
 WCCO Minneapolis, MN
 WDAF Kansas City, MO
 KMOV St. Louis, MO*
 WCBI Columbus, MS
 KXLF Butte, MT
 KHMT Hardin, MT
 WUNC Chapel Hill, NC*
 WSKY Manteo, NC*
 KXJB Valley City, ND
 KWSE Williston, ND
 KDUH Scottsbluff, NE
 KSNB Superior, NE
 KOB Albuquerque, NM
 KRVN Reno, NV
 WIVB Buffalo, NY*
 WNBC New York, NY*
 WCMH Columbus, OH*
 KFOR Okla. City, OK
 KPIC Roseburg, OR
 WTAE Pittsburgh, PA

WAPA San Juan, PR
 WCIV Charleston, SC
 WYFF Greenville, SC*
 KPRY Pierre, SD
 WSMV Nashville, TN*
 KAMR Amarillo, TX
 KWAB Big Spring, TX
KDFW Dallas, TX
 KDBC El Paso, TX
 KGBT Harlingen, TX
 KBTV Port Arthur, TX
 WOAI San Antonio, TX
 KCSG Cedar City, UT
 KTVX Salt Lake C., UT
 KOMO Seattle, WA
 KXLY Spokane, WA
 WBIJ Crandon, WI
 WTMJ Milwaukee, WI*
 WOAY Oak Hill, WV*
 KCWC Lander, WY

Channel 5:

WKRG Mobile, AL*
 KFSM Fort Smith, AR
 KPHO Phoenix, AZ
 KTLA Los Angeles, CA*
 KPIX San Fran., CA*
 KREX Grand Jct., CO
 KOAA Pueblo, CO
 WTTG Washington, DC*
 WUFT Gainesville, FL
 WPTV W Palm Bch, FL
 WAGA Atlanta, GA*
 KFVE Honolulu, HI#
 KALB Alexandria, LA
WCVB Boston, MA
 WABI Bangor, ME
 WNEM Bay City, MI*
KSTP St. Paul, MN
 KCTV Kansas City, MO*
 KSDK St. Louis, MO
 KXGN Glendive, MT
 KFBB Great Falls, MT*
 WRAL Raleigh, NC*
 KFVR Bismarck, ND
 KNME Albuquerque, NM
 KVVU Henderson, NV
 KNPB Reno, NV
 WNYW New York, NY*
WPTZ North Pole, NY
 WTVH Syracuse, NY
 WLWT Cincinnati, OH*
 WEWS Cleveland, OH*

KOCO Okla. City, OK
WORA Mayaguez, PR
WCSC Charleston, SC
KDLV Mitchell, SD
KXAS Fort Worth, TX*
KTXT Lubbock, TX
KRGV Weslaco, TX
KSL Salt Lake C., UT
KING Seattle, WA
KGWN Cheyenne, WY
KGWL Lander, WY

Channel 6:

KEMV Mtn. View, AR
KMOH Kingman, AZ
KUAT Tucson, AZ
KVIQ Eureka, CA
KVIE Sacramento, CA
KSBY S Luis Obispo, CA

KRMA Denver, CO

KREZ Durango, CO
WTVJ Miami, FL
WKMG Orlando, FL
KLEI Kailua Kona, HI#
KWQC Davenport, IA
KIVI Nampa, ID*
KPVI Pocatello, ID*
WRTV Indianapolis, IN
WPSD Paducah, KY

WDSU New Orleans, LA

WCSH Portland, ME*
WCML Alpena, MI
WLNS Lansing, MI*
WLUC Marquette, MI*
KAAL Austin, MN
KMOS Sedalia, MO
WABG Greenwood, MS*
KSVI Billings, MT*
WECT Wilmington, NC
WDAY Fargo, ND
KSRE Minot, ND
WOWT Omaha, NE

KOCT Carlsbad, NM

KOBG Silver City, NM
KBNY Ely, NV*
WSYX Columbus, OH
KOTV Tulsa, OK

KOIN Portland, OR

WJAC Johnstown, PA*
WIPR San Juan, PR
KPLO Reliance, SD
WATE Knoxville, TN*
KFDM Beaumont, TX
KRIS Corpus Christi, TX
KIDY San Angelo, TX
KCEN Temple, TX
KTAL Texarkana, TX
KAUZ Wichita Falls, TX
KBCJ Vernal, UT*
WTVR Richmond, VA*
KHQ Spokane, WA
WITI Milwaukee, WI
KBJR Superior, WI
WVVA Bluefield, WV*

Channel 7:

KAKM Anchorage, AK
KVYE El Centro, CA*
KBZK Bozeman, MT*
WITN Washington, NC*
KETV Omaha, NE*
KEGS Goldfield, NV*
WHIO Dayton, OH*
KSWO Lawton, OK*

WBBJ Jackson, TN*
KUED Salt Lake C, UT
KIRO Seattle, WA
KSPS Spokane, WA*

Channel 8:

KJUD Juneau, AK
WAKA Selma, AL*
KJCT Grand Jctn., CO*
WFLA Tampa, FL*
WISH Indianapolis, IN*
KULR Billings, MT*
KPAX Missoula, MT*
KSNK McCook, NE*
KLAS Las Vegas, NV*
WROC Rochester, NY*
WVLT Knoxville, TN*
KLST San Angelo, TX*
WRIC Petersburg, VA*
WSVI Christiansted, VI

Channel 9:

KETG Arkadelphia, AR*
WFTV Orlando, FL*
KNIN Caldwell, ID
WGN Chicago, IL*
KODD Hays, KS*
KMBC Kansas City, MO
KETC St. Louis, MO*
KUSM Bozeman, MT
WNCT Greenville, NC*
WSYR Syracuse, NY*
KRBC Abilene, TX*
KUEN Ogden, UT

Channel 10:

KREY Montrose, CO
KISU Pocatello, ID*
KMTF Helena, MT*
KSTF Scottsbluff, NE*
KLVX Las Vegas, NV*
KTEN Ada, OK*
KTRG Del Rio, TX
WMVS Milwaukee, WI*

Channel 11:

KTVF Fairbanks, AK
KTHV Little Rock, AR*
KMSB Tucson, AZ
KNTV San Jose, CA*
KKTU Colo. Springs, CO*
KKCO Grand Jctn, CO*
WINK Fort Myers, FL*
WFSU Tallahassee, FL*
WTTW Chicago, IL*
KPLR St. Louis, MO*
KVLV Fargo, ND*
KXMD Williston, ND
KCHF Santa Fe, NM
KRXI Reno, NV*
KHSD Lead, SD*
WLJT Lexington, TN*
WVAH Charleston, WV*
KFNR Rawlins, WY

Channel 12:

KHSL Chico, CA*
KCOY Santa Maria, CA
KBDI Broomfield, CO*
WTLV Jacksonville, FL*
KTRV Nampa, ID*
WYES New Orleans, LA*
KSLA Shreveport, LA*
WMEB Orono, ME

WXII Winston-Sale, NC*
KVIH Clovis, NM
WBNG Binghamton, NY*
KWET Cheyenne, OK*
KTXS Sweetwater, TX*
KUSG St. George, UT
KVOS Bellingham, WA*
KSGW Sheridan, WY*

Channel 13:

KIMO Anchorage, AK
KTNL Sitka, AK
KOLD Tucson, AZ*
KEET Eureka, CA*
KHNL Honolulu, HI#
KIPT Twin Falls, ID*
WMED Calais, ME
WGME Portland, ME*
KRCG Jefferson C, MO*
KERA Dallas, TX*
KLBK Lubbock, TX
KCWY Casper, WY*

Channel 14:

KTFD Boulder, CO
WABW Pelham, GA*
WPXA Rome, GA*
KWHH Hilo, HI#
KWHE Honolulu, HI#
KMEG Sioux City, IA
KFJX Pittsburg, KS
KARD West Monroe, LA
WMAW Meridian, MS
KTFQ Albuquerque, NM
WEBA Allendale, SC*
KCIT Amarillo, TX
KFOX El Paso, TX
KETH Houston, TX
KXAM Llano, TX*
KJZZ Salt Lake C, UT
WFDC Arlington, VA
WIWB Suring, WI*

Channel 15:

KPBS San Diego, CA
WDSC N Smyrna Bch FL*
KOGG Wailuku, HI#
WICD Champaign, IL*
WANE Fort Wayne, IN*
WKPC Louisville, KY*
KADN Lafayette, LA*
KSMQ Austin, MN*
KVRP Fargo, ND*
KINC Las Vegas, NV
KCLO Rapid City, SD
WKOP Knoxville, TN*
KAMU College St., TX
WHRO Hampton, VA*
WBRA Roanoke, VA*
KCKA Centralia, WA*
WTAP Parkersburg, WV*

Channel 16:

KLRT Little Rock, AR*
WUSF Tampa, FL*
WUSI Olney, IL*
WTJR Quincy, IL*
WNDU South Bend, IN*
WBOC Salisbury, MD*
KSNF Joplin, MO
KTAJ St. Joseph, MO*
WAPT Jackson, MS*
KTGF Great Falls, MT
WGPX Burlington, NC*

KMTR Eugene, OR*
WQEX Pittsburgh, PA*
WNEP Scranton, PA*
WJWJ Beaufort, SC*
KDSD Aberdeen, SD
WJKT Jackson, TN*
KEDT Corpus Christ, TX*
KVAW Eagle Pass, TX
KUPX Provo, UT*
KONG Everett, WA*

Channel 17:

WDBB Bessemer, AL*
KGET Bakersfield, CA*
WCWJ Jacksonville, FL*
WLRN Miami, FL*
WPCH Atlanta, GA*
KDSM Des Moines, IA*
WAND Decatur, IL*
WTVO Rockford, IL*
WXMI Grand Rapids, MI8
KTCI St. Paul, MN*
WMAU Bued, MS*
KTVG Grand Island, NE*
WNED Buffalo, NY*
KTTW Sioux Falls, SD
WZTV Nashville, TN*

Channel 18:

WDHN Dothan, AL*
KVPT Fresno, CA*
WKCF Clermont, FL*
WNGH Chatsworth, GA*
KLJB Davenport, IA*
KAAS Salina, KS*
WLEX Lexington, KY*
KLTL Lake Charles, LA*
WMAV Oxford, MS*
KWYB Butte, MT*
WNPI Norwood, NY*
WHIZ Zanesville, OH
KJTL Wichita Falls, TX*
WQOW Eau Claire, WI*

Channel 19:

KTEJ Jonesboro, AR*
KBGH Filer, ID
WXIX Newport, KY*
KCPT Kansas City, MO*
WMAH Biloxi, MS*
KJRE Ellendale, ND*
KWBO Santa Fe, NM*
WOIO Shaker Hts, OH*
KOCW Muskogee, OK*
WPCW Jeannette, PA*
WLTX Columbia, SC*
WKPT Kingsport, TN*
KYTX Nacogdoches, TX*
KVCT Victoria, TX*
KEPR Pasco, WA
WXOW La Crosse, WI*

Channel 20:

KOFY San Fran., CA*
KTVD Denver, CO*
WDCA Washington, DC*
WBBH Fort Myers, FL*
WCJB Gainesville, FL*
WCES Wrens, GA*
KIKU Honolulu, HI#
KWKB Iowa City, IA*
WYCC Chicago, IL*
WICS Springfield, IL*
WHNO New Orleans, LA*

WMYD Detroit, MI*
KSMN Worthington, MN*
WOUB Athens, OH*
WKPV Ponce, PR*
KTXH Houston, TX*
WVTB St. Johnsbury, VT*
KTBW Tacoma, WA*
WHRM Wausau, WI*

Channel 21:

WTTO Homewood, AL*
WMPV Mobile, AL*
KPAZ Phoenix, AZ
KFTV Hanford, CA*
KXRM Colo Sprs, CO*
WTCE Fort Pierce, FL*
WPXC Brunswick, GA*
KTIN Fort Dodge, IA
WBNA Louisville, KY*
KQDS Duluth, MN
KOZK Springfield, MO*
KVMY Las Vegas, NV
KAME Reno, NV*
WXXI Rochester, NY*
WFMJ Youngstown, OH*
KTXA Fort Worth, TX*
WWCW Lynchburg, VA*
WHRE Virginia Bch, VA*
WHA Madison, WI*

Channel 22:

KRCB Cotati, CA*
KWHY Los Angeles, CA*
KFCT Fort Collins, CO*
WSBS Key West, FL
KSQA Topeka, KS*
WKPI Pikeville, KY*
WMPT Annapolis, MD*
KAWB Brainerd, MN*
WLFL Raleigh, NC*
WKEF Dayton, OH*
KFTS Klamath Falls, OR
WPMY Pittsburgh, PA*
WYOU Scranton, PA*
KLTJ Galveston, TX*
KLCW Wolfforth, TX
KMYQ Seattle, WA*
KSKN Spokane, WA

Channel 23:

WUOA Tuscaloosa, AL*
KAEF Arcata, CA*
WELF Dalton, GA*
WBUI Decatur, IL*
WKZT Elizabethtn, KY*
WKAR East Lansing, MI*
WUCW Minneapolis, MN
KBSI C Girardeau, MO*
WMAO Greenwood, MS*
WXXA Albany, NY*
KOKI Tulsa, OK*
KMCB Coos Bay, OR
WATM Altoona, PA*
WHMC Conway, SC*
KCSD Sioux Falls, SD
KVEO Brownsville, TX*
KHCE San Antonio, TX*
WCVE Richmond, VA*
KNDO Yakima, WA

Channel 24:

KFTA Fort Smith, AR*
KSEE Fresno, CA*
KRMZ Steamboat Sps, CO

WMFE Orlando, FL*
WGXA Macon, GA*
KYIN Mason City, IA*
WQPT Moline, IL*
KSAS Wichita, KS*
WKYU Bowling Gn, KY*
KNMT Portland, OR
WJPX San Juan, PR*
KVUE Austin, TX*
KPEJ Odessa, TX*
KBCB Bellingham, WA*

Channel 25:

WHIQ Huntsville, AL*
KVTN Pine Bluff, AR*
KDEN Longmont, CO*
WPBF Tequesta, FL*
WACS Dawson, GA*
WEHT Evansville, IN*
WKAS Ashland, KY
KLPA Alexandria, LA*
WHAG Hagerstown, MD*
WEYI Saginaw, MI*
KNLJ Jefferson C, MO*
WVIZ Cleveland, OH*
KOKH Okla. City, OK*
WOLO Columbia, SC*
KAVU Victoria, TX KXXV
Waco, TX
KNDU Richland, WA*
WLAX La Crosse, WI*

Channel 26:

KMPH Visalia, CA*
WZVN Naples, FL*
WAGT Augusta, GA
KAAH Honolulu, HI#
KGCW Burlington, IA*
KCDT Coeur d'Alene, ID
WCIU Chicago, IL*
WMEA Biddeford, ME
KOZJ Joplin, MO
WSFX Wilmington, NC
KYNE Omaha, NE
KINT El Paso, TX
WGBA Green Bay, WI*

Channel 27:

KUAS Tucson, AZ
KSIN Sioux City, IA*
WTCT Marion, IL*
WQEC Quincy, IL
WCCU Urbana, IL*
WKYT Lexington, KY*
WLPB Baton Rouge, LA*
KSRFX Springfield, MO*
WLOV West Point, MS*
KREN Reno, NV*
WKBN Youngstown, OH*
KDFI Dallas, TX*
KLDO Laredo, TX*
WGNT Portsmouth, VA*
WFXR Roanoke, VA*
WKOW Madison, WI*

Channel 28:

WPGX Panama City, FL
WFTS Tampa, FL*
WJSP Columbus, GA*
KFXA Cedar Rapids, IA*
KEPB Eugene, OR
KORO Corpus Christi, TX
KAMC Lubbock, TX*
WVER Rutland, VT*

KBTC Tacoma, WA
WHWC Menomonie, WI*

Channel 29:

KHOG Fayetteville, AR*
KBVU Eureka, CA*
WNBW Gainesville, FL*
WMUM Cochran, GA*
WKPD Paducah, KY*
WKSO Somerset, KY*
KVHP Lake Charles, LA*
KCWE Kansas City, MO
WMPN Jackson, MS*
KHNE Hastings, NE
WNTV Greenville, SC*
KMPX Decatur, TX*
KABB San Antonio, TX
WVIR Charlottesville, VA*
KIMA Yakima, WA*
WLPX Charleston, WV*

Channel 30:

KCVU Paradise, CA*
WGCU Fort Myers, FL*
WAWS Jacksonville, FL*
WPBA Atlanta, GA*
KDNL St. Louis, MO*
WGBC Meridian, MS*
WRAY Wilson, NC*
KTUZ Shawnee, OK*
WNSC Rock Hill, SC*
WLMT Memphis, TN*
WUXP Nashville, TN*
KUCW Ogden, UT
WVCY Milwaukee, WI*

Channel 31:

WAAY Huntsville, AL*
KDVR Denver, CO
WFXL Albany, GA*
WMBD Peoria, IL*
WKOH Owensboro, KY*
WWPB Hagerstown, MD*
WUHF Rochester, NY*
KDKF Klamath Falls, OR
KTNW Richland, WA
WHLA La Crosse, WI*

Channel 32:

WMOR Lakeland, FL*
WNEG Toccoa, GA*
KBFH Honolulu, HI*#
KBIN Council Bluffs, IA
KRIN Waterloo, IA*
WFLD Chicago, IL*
WLKY Louisville, KY*
WLAE New Orleans, LA
KAZQ Albuquerque, NM*
KTAB Abilene, TX*
WACY Appleton, WI*

Channel 33:

KTAS S L Obispo, CA*
WBFS Miami, FL*
WHBR Pensacola, FL*
WISE Fort Wayne, IN*
KSCW Wichita, KS*
WVLA Baton Rouge, LA*
KMSS Shreveport, LA*
WFOX Cadillac, MI*
KSPR Springfield, MO
WUNF Asheville, NC*
WFXV Utica, NY*
KDAF Dallas, TX*

WETK Burlington, VT*
WPBY Huntington, WV*
KQCK Cheyenne, WY

Channel 34:

WDFX Ozark, AL*
WUVG Athens, GA*
WBKI Campbellsvl, KY*
KMCC Laughlin, NV
WOSU Columbus, OH
KOCB Okla. City, OK
KLSR Eugene, OR
KITU Beaumont, TX*
KJTV Lubbock, TX
KWBU Waco, TX*
WYOW Eagle River, WI*

Channel 35:

WFGX Ft Walton Bch, FL*
WOFL Orlando, FL*
KXTF Twin Falls, ID
WWTO La Salle, IL*
WKHA Hazard, KY*
WKMA Madisonville, KY*
WDCQ Bad Axe, MI
WUFX Vicksburg, MS*
WPXU Jacksonville, NC
WLIO Lima, OH*
KRSC Claremore, OK*
WSEE Erie, PA*
WRLK Columbia, SC*
KMYS Kerrville, TX*
KAPP Yakima, WA*

Channel 36:

WATL Atlanta, GA*
KHIN Red Oak, IA*
KMTW Hutchinson, KS*
WTVQ Lexington, KY*
KTVC Roseburg, OR
WDWL Bayamon, PR*
KXAN Austin, TX*
KPBT Odessa, TX

Channel 38:

KASN Pine Bluff, AR*
KPMR Sta Barbara, CA*
WLTZ Columbus, GA
KALO Honolulu, HI#
KMCI Lawrence, KS
WNOL New Orleans, LA
WSBK Boston, MA*
WNEH Greenwood, SC*
KSCE El Paso, TX
KCEB Longview, TX*
WPXR Roanoke, VA*
WPNE Green Bay, WI*

Channel 39:

KNSD San Diego, CA*
WSFL Miami, FL*
WQRF Rockford, IL*
WFWA Fort Wayne, IN*
KMCT West Monroe, LA*
KBLR Paradise, NV
WHTN Murfreesboro, TN*
KIAH Houston, TX*
WCVI Christiansted, VI

Channel 40:

WJSU Anniston, AL*
KHBS Fort Smith, AR*
KTBN Santa Ana, CA*
KFXB Dubuque, IA*

WNKY Bowling Grn, KY*
 WBUY Holly Sprs, MS*
 WUVC Fayetteville, NC*
 WICZ Binghamton, NY*
 WPCB Greensburg, PA*
 KTLM Rio Grande C, TX

Channel 41:

WIIQ Demopolis, AL*
 KRMT Denver, CO*
 WDRB Louisville, KY*
 KPXM St. Cloud, MN*
 KLUZ Albuquerque, NM
 KMYT Tulsa, OK
 WHTJ Charlottesville, VA*

Channel 42:

WEIQ Mobile, AL*
 KWBF Little Rock, AR*
 WTVI Charlotte, NC*
 KPTM Omaha, NE*
 KEYE Austin, TX*
 KVEW Kennewick, WA*

Channel 43:

WGIQ Louisville, AL*
 WYZZ Bloomington, IL*
 KRWF Redwood Fls, MN
 WNYS Syracuse, NY*
 KAUT Okla. City, OK*

WTNZ Knoxville, TN*
 WVBT Virginia Bch, VA*

Channel 44:

WPXH Gadsden, AL*
 WJTC Pensacola, FL*
 KWBN Honolulu, HI#
 WSNS Chicago, IL*
 WEVV Evansville, IN*
 WAGV Harlan, KY*
 WGMB Baton Rouge, LA*
 WGBX Boston, MA*
 WOUC Cambridge, OH*
 WVEO Aguadilla, PR*
 KLUJ Harlingen, TX
 WFFF Burlington, VT*

Channel 45:

KUTP Phoenix, AZ
 WTGL Leesburg, FL*
 KSHV Shreveport, LA*
 WBFF Baltimore, MD*
KSTC Minneapolis, MN
 WXLV Winston-S, NC*
 WTCI Chattanooga, TN*
 KHCV Seattle, WA*

Channel 46:

KION Monterey, CA*
 WXCW Naples, FL*
 WPCT Panama C Bch FL*

WGCL Atlanta, GA*
 WRBU East St. Louis, IL*
 WKLE Lexington, KY*
 WJZY Belmont, NC*
 WSKG Binghamton, NY*
 KTCW Roseburg, OR
 KDLT Sioux Falls, SD*
 WVFX Clarksburg, WV*

Channel 47:

KGPE Fresno, CA*
 WTEV Jacksonville, FL*
 WTVP Peoria, IL*
 WSYM Lansing, MI*
 KTAQ Greenville, TX*
 WSBN Norton, VA*
 KYVE Yakima, WA
 WMSN Madison, WI*

Channel 48:

KPXR Cedar Rapids, IA
 KTDO Las Cruces, NM
 KNVO McAllen, TX
 WEUX Chippewa Falls, WI

Channel 49:

KNXT Visalia, CA*
 WCFN Springfield, IL*
 WIPB Muncie, IN*
 WPXL New Orleans, LA*
 WAQP Saginaw, MI*

WNYO Buffalo, NY*
 WRET Spartanburg, SC*
 KPXB Conroe, TX*
 KSTR Irving, TX*
 WPXV Norfolk VA*
 KPDX Vancouver, WA

Channel 50:

KCEC Denver, CO
 WFTT Tampa, FL
 WKBD Detroit, MI*
 KPXE Kansas City, MO*
 WRAZ Raleigh, NC*
 KASY Albuquerque, NM
 WPXX Memphis, TN

Channel 51:

KNWA Rogers, AR*
 KNSO Merced, CA*
 KUSI San Diego, CA*
 WSCV Ft Lauderdale, FL*
 WEIU Charleston, IL*
 WPXT Portland, ME*
 WPXJ Batavia, NY*
 KNWS Katy, TX*
 KFXX Longview, TX
 KUNS Bellevue, WA

DTV COUPON PROGRAM OUT OF CASH

Yahoo News 1-4-09

WASHINGTON - The Feb. 17 transition from analog to digital television broadcasts looms and as many as 8 million households are still unprepared, but the government program that subsidizes crucial TV converter boxes is about to run out of money.

People who still rely on analog TV sets to pick up over-the-air signals — whether it is through rabbit-ear aerials on TVs or antennas on the roof — will see their screens go dark when the changeover happens. To avoid that, those people have to switch to cable or satellite TV, buy a television set with a digital tuner or buy a converter box that can translate digital signals from the airwaves into analog.

To subsidize the converter boxes, most of which cost between \$40 and \$80, the government has been letting consumers request up to two \$40 coupons per home. But any day now, the National Telecommunications and Information Administration (NTIA), the arm of the Commerce Department in charge of administering the coupon program, expects to hit a \$1.34 billion funding ceiling set by Congress.

Now the NTIA is warning that unless lawmakers step in quickly with more funding or new accounting rules, it will have to create a waiting list for coupon requests. That would mean it could send out additional coupons only as unredeemed ones expire, freeing up more money for the program.

In other words, if Congress doesn't act soon, consumers who apply for coupons in the final weeks leading up to the digital transition might not get them in time.

"If the government invests in just a few million TV converter boxes, which is a drop in the bucket of the enormous amount of money being spent on the stimulus package, it would do more good to keep all households connected," said Gene Kimmelman, vice president for federal policy at Consumers Union.

Under the rules set by Congress, which mandated the digital TV switch to free up more room in the wireless spectrum, the NTIA cannot commit more than \$1.34 billion at any time to cover the cost of the coupons. That pool includes coupons that have already been redeemed; unexpired coupons that have been mailed out but not yet redeemed; and coupons that have been requested but not yet mailed out.

The NTIA estimates the funding cap, which excludes administrative expenses, is enough to cover 51.5 million coupons through March 31, which is the last day consumers can request them.

But consumers had already requested 44.9 million coupons as of Wednesday, including 18 million that had been redeemed and 10.8 million that were in circulation but yet to be cashed in. That leaves just \$68.2 million for additional coupon

THE DTV TRANSITION

FROM BOB COOPER'S SATFACTS JANUARY 2009

February 17, 2009: A day living in infamy

Give or take perhaps 50, on February 17th some 1,800 'full license' TV transmitters serving more than 300 million people in just over 100 million households are scheduled to shut-off their 10,000 to 5,000,000 watt VHF and UHF transmitters. The day was selected to fall after that annual super-hype day called 'Super Bowl Sunday' (February 1 in Tampa, Florida) - an event which traditionally attracts more viewers to more television sets than any other single annual day in US history.

The premise: 'Analogue is past-tense, dead, gone; digital is the future, here, now'.

The reality: Television as we all now know it was first introduced in the UK (London) in 1936; July 1, 1940 in the USA. Over the decades *analogue* has progressed from the original 341 scanning lines to 525 (USA; 625 Europe) to a Japanese system offering more than 1,100 lines. Each increase in scanning lines (improved definition of the image) has required a companion increase in transmission bandwidth (6 MHz in USA, 7 or 8 in Europe + Australia and New Zealand) and television - as a user of bandwidth - was always under pressure from a multitude of other services each requiring their own spectrum space.

Higher and higher definition was (as the Japanese first demonstrated successfully more than two decades ago) possible, perhaps even desirable, but the spectrum -consumption required was never seriously on the table.

Television appeared at a time when transmission and reception technology was hampered by a critical lack of experience using frequencies above 100 megacycles. Even with 341 line scanning, a single television station (channel) required around 4 megacycles (today we call them megahertz) of 'space'. Moreover, the only spectrum segment meeting the demands of television existed between 40 and 100 megacycles. By 1945 this would be refined to 'between 54 and 100 megacycles' although some experimentation was also occurring in the 160 megacycle region. Simultaneously, the number of scanning lines had evolved (to 405 lines in the UK and the minimum 'bandwidth or spectrum space required for a TV channel had become 5 in the UK). And looming on the horizon by 1945 was the promise of colour TV - which in its 1945-1952 format required up to 12 megacycles of space for a single TV channel.

Fortunately, WW2 research had rapidly escalated 'critical knowledge' and whereas 100 megacycles seemed difficult to achieve by 1940, 1,000 seemed possible (although daunting) by 1948. And this opened the doorway for the rapid expansion of television, world-wide. But it also did something else; with first millions, then hundreds of millions and ultimately billions of receivers pushed into the planet's viewing locations, it froze the technology at a level which (with minor, non-essential improvements) actually was last current in approximately 1955. Fifty-plus years of 'static technology' simply ran counter to the balance of the world's changes in the same half-century.

The digital logic

Digital would be the answer and for the creators of consumer and commercial television equipment (both the transmission and reception sides) and it would be like "*having all of your Christmases come at once*"; a global-wide dump of every analogue device on the planet over perhaps a ten year period of time.

Digital, with roots in computing and the web, certainly does seem like an attractive replacement although the present level of digital-television is not yet mature. In history, this would be the equivalent of where analogue was in perhaps 1965 (by then the original problems relating to analogue colour had been solved and spectrum use of the UHF or Ultra High band was coming together). In other words, we have not *yet* experienced all that digital will ultimately be capable of doing and it has one major advantage over analogue; once the analogue technical standards were adopted, that pretty much froze the parameters whereas digital is 'self healing' and with some minor limitations progress in the form of new software will keep the improvements coming for a decade or longer.

Digital required a triple-sell to happen. First there were the consumers who needed some reason to replace existing analogue equipment. Flat screen, large display, HD to the rescue with the promise of 'new, extra channels' tossed in for good measure. Second there was the telecasting industry at its many various levels (networks, individual stations, advertising creators, programme creators). When the transition to digital began, commercial station activity was at an all-time revenue high and there was the added incentive that once digital the stations could opt to transmit several separate programmes simultaneously; twice or thrice the opportunity to sell commercial time! A relatively easy sell in the late 90s. Finally there was government, perhaps the easiest sell of all. Digital's transition would require a total revamping of which station operated within the various frequency bands available and at the end of that tunnel government would be handed back whole blocks of channels which could then be recycled (sold) to new users.

In North America from the mid-50s onward television chewed up 54-88, 174-216 and 470-890 megacycles/ megahertz; 492 of 1,000 between 0 and 1,000. Police, fire, public safety, local government, aircraft, remote sensing, mobile telephones and every other new technology user that developed from the 50s onward was squeezed into a small segment of what remained - after the US Military had grabbed 225-420 for their own. It was, indeed, time for a change (television would when the digital transition was complete, lose approximately 50% of their original analogue assignment space leaving on an area by area geographic basis approximately 250 'unused' megahertz to be sold by government). It was 'win-win-win' for all three. *Sort of.*

Those 15 percent 'non-conformists'

The 'average' US dollar monthly cable bill pushes \$70 (NZ\$119, Au\$101) while satellite is typically ten percent cheaper. But lost in the numbers is the incredible 'choice' of packages. With 300-400-500 channels available, the sellers have almost unlimited opportunity (and pressure) to 'mix and match' channel groups in typically \$5 and \$10 increments to *expand* a 'basic service' package.

The US minimum wage presently is \$6.55 per hour (or \$2.13 per hour if the job involves 'tips' which would effect workers at restaurants). That works out of NZ\$11.17 per hour or Au\$9.47 (where the minimum wage is Au\$14.31 per hour - equals NZ\$16.89 which goes a long way towards explaining why so many Kiwis end up in Australia). *Why do we care?*

Eventually consumers weigh the cost of TV - whether cable or satellite - against their own wage packet. In each of the three countries:

1/ USA - cable equals 10.7 hours pay

2/ Australia - Foxtel equals 5.9 hours of pay

3/ New Zealand - Sky equals 6.2 hours of pay

and obviously the USA viewers are being stung the hardest. And for not less than 15 percent of US homes, 10.7 hours of (minimum wage) work - at the local K-Mart for example - is simply too much to pay. So they have no cable, no satellite. *They have antennas.* And they have old fashioned analogue-only TV sets. This is the group which the US Congress attempted to "help" by allocating US\$1.5 billion to be awarded in \$40 coupons - to be used at the local retail store where for US\$50 or so (some - not many - are in fact \$40) they could pick up a STB that promised to deliver digital in and analogue out to their old fashioned TV set.

Run the numbers at \$40 per government coupon; it works out to more than 37,000,000 STBs - surely enough to deal with 15,000,000 homes?

The \$40 coupon effort involved going to a web site (that of course assumed the little old lady in suburban Chicago [1] has a PC, [2] has web service, [3] could navigate through the frankly 'complex' set of questions requiring answers). Many people did - you could ask for two coupons as easily as not (this writer did using a totally fictitious address in Hawaii and another one in California) and immediately in my case there were four less coupons available in the pool.

Back to the \$1.5 billion dollar give-away legislation. The fine print said you, once you filed for your 'free coupon', had 90 days to use it. Using it involves going to a retail store, selecting a STB, paying the difference (if any) and handing in the coupon. By some form of magic the store turned your coupon into \$40 cash at their bank. Alas, if you did not do this within 90 days, your coupon 'ran out'. It was no longer valid (which both of my sets were - the Hawaii fictitious address set of course never

reached me and possession of the actual printed coupons was a part of what was required when you go STB shopping).

But the legislation only authorized \$1.5 billion in coupons to be issued and sure enough, along about December (2008) they reached the magic number of 37 million-plus coupons issued. Being the US treasury, when they considered the \$1.5 billion '*had been spent*' - no more coupons were issued. As I write these words over 400,000 people are on a waiting list - waiting until one of the coupons issued and NOT used (such as my four) goes past 90 days and then someone on the 'waiting list' will receive their own coupon.

Seems pretty straight forward but now we have politics entering the scene. The entire scheme - and it was a 'scheme' - was the result of the George W. Bush White House period; a Republican plan to transition those 15% of homes who refused to conform to cable or satellite. And it was administered - sort of but not very well - by a Republican majority at the FCC - the Federal Communications Commission. But hey - in November there was a new president-elect (Barak Obama) and his Democratic-Party majority had a new way of reviewing the Bush legacy; including the transition to digital TV.

"*We recommend a postponement of the February 17th date*" said the incoming Obama team.

Never mind that for two years the public has been told "*February 17th is THE date*". Never mind that even before the early January bombshell statement several hundred of the TV stations had already switched off their analogue transmitters after modifying their transmission equipment. Never mind that under Bush TV stations were allowed ONLY to transmit on their existing analogue channel AFTER February 17th an 'announcement' advising people to "*go get digital*".

The TV channels. All but a tiny handful of TV stations making the analogue to digital switch were changing channels; such as channel 2 (54-60 MHz) to channel 35 - a UHF channel. In fact, based upon common knowledge the WORST place to be with digital was going to be the so-called 'low band' channels (2-6; the original 54-88 MHz bandwidths). Why? Noise and interference for a starter. These channels, once the BEST place to be (for analogue) were now the WORST place to be (for digital). Nationwide, fewer than 50 stations would restart in digital on 'low band' (today in analogue, nearly 300 stations operate there).

For virtually every TV station, 1,800 plus in all, digital has meant a brand new transmitter, a new to-channel transmission antenna and a year or two or three of operating 'in parallel' - analogue still functional while a temporary transmit antenna usually side mounted on their analogue transmission tower was pumping out at reduced power levels a sort of 'test digital service'. Back in September, TV stations began the transition seriously; in Wilmington, North Carolina, all (six) TV channels switched off their analogue and began full-time digital. In Nebraska, the entire state-wide network of educational TV (PBS) channels did likewise. There is - has been - will be - extraordinary costs associated with the switch. New hardware, and at the last minute for many, bringing in a professional tower crew to demount their existing analogue (channel) transmit antennas and replace them with the new digital (channel) antennas. February with ice, snow and storms is not exactly the best time of year to be climbing 2,000 foot towers and replacing antenna systems.

But the Obama incoming group sees a political opportunity here - to make Bush and the Republicans look bad (*again*). So they have pending legislation in Congress to cancel February 17th - for who knows how long - despite the fact hundreds of stations cannot continue to operate in analogue anyhow - they will or are already missing important analogue hardware. It is the classic example of "*politics rules - common sense does not*".

The Republicans of course, anxious to save face in an area virtually nobody seems to properly understand, have rebounded with their own legislative proposal; 'increase the \$1.5 billion allocation for STB coupons and cancel the 90 day use-or-lose condition attached to each one issued'.

It is a mess as only Americans could create. Millions, tens of millions, of messages have appeared in print, as 'crawls' across the bottom of TV screens, as special 30 and 60 minute 'FYI' (for your information) TV shows to explain February 17th to a largely yawning public that in 85% of the homes could care less; they are not affected and they know this.

Stay tuned - February 17th is a month away and given their propensity to screw up even a simple concept, the last days of analogue TV in the USA may not be settled yet.

6 Meter/2 Meter Amateur DX



50 Mhz
The *Magic* Band



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

Weren't we supposed to get some sporadic-E ("E_s") just after the Solstice? Typically, we do. But this year, what little E_s we saw was meager and anemic, indeed. Here in Memphis, I got a few fun openings into 10 meters (28 MHz), but the MUF would only peak into 6 meters briefly. So, don't be looking for loggings in this month's contribution.

Despite the poor conditions, there is some VHF/UHF fun to be had. Recently, the International Space Station ("ISS") has become active on amateur radio again after a long absence. ISS has a dual-band Kenwood radio on-board, typically running at 5 Watts (see below). During a close pass, that little power can be quite strong, indeed, often showing as full-scale on a modest FM station – even a mobile installation.

Over the past weeks, a few hams here in my area have worked some packet data through the Space Station. But now, we are told, the ISS is back into cross-band FM mode.

Think of the ISS as a very high, very fast-moving repeater. In the cross-band mode the Station has been using in January, ISS receives on 2 meter VHF, and retransmits on UHF (the 70 cm band). In this configuration, hams working through the Space Station, transmit on 145.99 MHz with a PL tone of 67.0 Hz. If you are successful in making it through, you will hear yourself return on 437.80 MHz, complete with "feedback" if the receive radio's audio is too high (which I learned the hard way). Bear in mind, Doppler shift may move these frequencies up or down slightly, depending on the movement of the Space Station relative to you; so be ready to experiment. Such a shift can often move the ISS's signal completely out of your receiver's pass-band, as I have witnessed.

Remember, ISS passes can be quite short – at just a few minutes. But, when the geometry is right, you can exchange contacts with stations several hundred miles away. Keep it short, however. ISS passes are followed closely by enthusiasts, so there will be competition to use the Station. Contacts usually are simply call signs and grid squares. You may want to include a name, as long as you don't drone on too long. Doing so will make you very unpopular. On a recent pass, I was lucky enough to get through the crowd, and heard myself return, but was unable to complete a contact with another operator.

On North American passes during school hours, it is not unusual to hear the ISS Crew talking to schoolchildren. Those are fun to listen to, although they are fairly scripted. School contacts are simplex on VHF only. Listen on 145.80 FM.

The word is that ISS will be changing its crossband configuration again, perhaps with a UHF input and VHF output. I'll try to keep you informed.



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email address _____

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And *thanks* for your support of the WTFDA!

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

FM NEWS CONTINUES FROM PAGE 22

| | | | | | | | | |
|------------------|--------------|--|-----------------|---------------|--|--|--|--|
| IN Lowell | 88.5 WTMK | Is silent | | | | | | |
| ME Calais | 89.7 WMED | Is silent | OK Lawton | 91.1 KJRF | | | | during the airing of Auburn Doubledays baseball game |
| ME Fort Kent | 106.5 WMEF | Is silent | | | | | | Fined \$7200 for public file violations |
| MS Drew | 95.3 WRKG | Is silent | OR Portland | 99.5 KWJJ-FM | | | | Is now // KTRO-910 Vancouver, Washington |
| MO Arcadia | 103.9 KTNX | Is Silent | | | | | | License canx; call deleted ROA |
| MO St. Robert | 98.9 KFLW | Fined \$2000 for tower lights violation | PA Lewistown | 100.7 W264BB | | | | Sold to WRGS-1370 |
| NJ Pompton Lakes | 103.1 W276BX | License canx; call deleted | TN Greeneville | 105.1 W286AN | | | | Is silent |
| NM Hurley | 105.5 KSIL | Is silent | TX Hondo | 105.9 KMFR | | | | Is silent |
| NM Santa Clara | 95.1 KNUW | Is silent | VT Marlboro | 101.5 WRSY | | | | Is silent (again) |
| NM Socorro | 91.9 K220EL | License canx and call deleted ROA | WA Covington | 104.5 KMCQ | | | | License canx; call |
| NY Auburn | 89.1 WDWN | Fined \$2500 for airing prohibited commercials | WA Kettle Falls | 101.5 KITR-LP | | | | deleted |
| | | | WA South Bend | 107.9 KLSY | | | | Is silent |

 Thanks to Shawn Axelrod, Bruce Elving, Deane McIntyre, Pete Taylor, Upper Midwest Broadcasting.com and Wisconsin Broadcasting.com for updates.
 If you hear any changes occur on your FM dial, share the news! 73

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- * OVER 2 YEARS OF AIPA BULLETINS FROM THE EARLY '60S
- * FRED'S RDS DATABASE
- * FRED'S WTFDA STATISTICS (distance records, member stats, etc)
- * OLD TVFMDX AND AMDX ARCHIVES

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

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