

TESTING FOR ATSC 3.0 BEGINS IN CLEVELAND

THE WORST MAY FOR E-SKIP IN MEMORY?????

CONVENTION REGISTRATION DUE JUNE 20!

The Official Publication of the Worldwide TV-FM DX Association



METEOR SHOWERS

Alpha Capricornids
JUL 11 - AUG 10

Perseids
JUL 13 - AUG 26



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THE WORLDWIDE TV-FM DX ASSOCIATION

Serving the UHF-VHF Enthusiast

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



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PAGE TWO

The Page You Turn To for News of the WTFDA and the TV/FM DX World

Mike Bugaj - mikeb@wtfda.org

June 2015

SLOW AS MOLASSES

The skip season is taking its sweet time getting started. I found Es openings that reached FM on the 28th and 24th for southern DXers, an opening on the 18th for mostly DXers in the west and one on the 14th for mostly northern DXers. None of these were barn burners. Many DXers have seen NO Es this month so far. As I write this, June is just two days away. I hope things change.

MEMBERS AND MORE

This month we welcome Andrew Knafel to the WTFDA. Andrew lives in Ohio and posts on the WTFDA Forums and bulletin board. We also welcome back Doug Allen to the club. Some may remember Doug as host of the WTFDA convention in Estes Park, CO some years back. Doug left FM DXing for 144mhz and EME and was editor/publisher of an EME publication. Now he lives in South Carolina and is back to UHF DTV Dxing and having fun with it. Welcome to both of you! It's also great having Michael Temme-Soifer back with us after a couple of year's absence.

Renewals received during the period from 4/19 through 5/27 came from Chris Ferland, Mike Ehrhardt, Jason Hustedt, Greg Shoom, David

Pierce, Rick Lucas, Roger Sabella, Larry Weisberg, Nick Langan, Fred Nordquist, Dan Oglethorpe, Les Rayburn, Mike Glass, Jay Novello, Jon Pearkins, Larry Kenney, Jim Gill, Michael Beu, Richard Allen, Eric Bueneman, Jerry Bond, Sheryl Paszkiewicz and Rod O'Connor. Thank you all for supporting your WTFDA.

Greg Shoom sent this note "Thank you for putting out such a good monthly newsletter. I always liked FM DXing but it is kind of difficult at my location here in Toronto most of the FM band is full of local or semi-local stations. Not many open frequencies. Still like reading about it, though." If I am not mistaken, Greg lives in a hi-rise downtown.

Rod O'Connor writes "Here's my renewal check for another year in WTFDA. I think it's my 40th year!" (Rod, does time fly or what ?)

CONVENTION 2015

Scott Fybush has more info on the convention that hopefully will be printed elsewhere in this issue. Also the NRC has been sending out requests to all the clubs for persons willing to speak about any DX related topic. If you want to do a demo or talk about a DX topic or an experience you had, go for it. Contact mark4@durenberger.com.

See you all next month! -Mike



TV News

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June 2015

Abbreviations:

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

News:

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



CANADA



British Columbia

Revelstoke **7, 9 CHKL-3, DG 80w/1166m**
 CHRP-2



Puerto Rico

Mayaguez 10 W10BG PR>2.96kw
Ponce 30 WQQZ-CA DC 750w



USA



Alabama

| | | | |
|------------|----|---------|---|
| Demopolis | 25 | WJMY-CA | DC 15kw, 33-03-15/ 87-32-57 |
| Greensboro | 3 | WDVZ-CD | PR<2.95kw, 33-09-35/ 87-30-53; amendment to change site; PG |
| Huntsville | 17 | W38BQ | DC 2.77kw, 34-44-13/ 86-31-59 |
| Montgomery | 19 | WDSF-LD | NW 15kw, 32-25-16/ 86-25-47 (DTV America) |
| Talladega | 47 | WOIL-LP | DC 3kw |

**Alaska**

| | | |
|------------|-------------------|---|
| Ekwok | 11 K11QW | DG |
| Elfin Cove | 9 K09TK | DG |
| Fairbanks | 11 KTVF – 1001AAJ | PR>1.6kw |
| Grayling | 9 K09PC | DG |
| Healy | 12 K06LA | AF 360w, 63-53-07/148-49-38; DCC for analog 6 |
| Kakhonak | 9 K09TM | DG |
| Kivalina | 9 K09QZ | DG |

**Arizona**

| | | |
|---------------|------------------|--|
| Phoenix | 41 KPDF-CD | DC 5kw |
| Tucson | 9 KGUN-TV | PC>36.5kw |
| Tucson | 42 KUVE-CD | NS 10kw; DCC for analog 38 |
| Yuma | 39 K39KW | NW 15kw, 32-38-31/114-33-37 (Good News Broadcasting Network) |

**Arkansas**

| | | |
|--------------|-------------|------------------------------|
| Bentonville | 14 KHMFC-CA | DC from 26, 10.05kw |
| Fayetteville | 16 KAJL-LD | XR 36-08-49/ 94-11-13 |
| Jonesboro | 30, K30MF, | PR<6kw; PG; NW |
| | 38 K38OR | (DTV America) |
| Jonesboro | 45 K45MD | PR<6kw; PG |
| Paragould | 26 K26MF | PR<3kw; PG; NW (DTV America) |

**California**

| | | |
|---------------|------------|--|
| Indio | 36 KEVC-CD | NS 5.8kw, 33-51-56/116-25-57; DCC for analog 5 |
| <i>Likely</i> | 11 K11LD | CX |
| Los Angeles | 22 KMRZ-LD | PR<1.5kw, 34-12-47/118-03-41 dismissed |
| Palm Springs | 50 KPSG-LP | CX |
| San Rafael | 4 KTVJ-LP | PC>3kw |
| Visalia | 18 KFAZ-CA | DC from 8, 15kw, 36-44-45/ 119-16-57 |

**Colorado
Denver**

| | | |
|----------|----------------|---|
| Denver | 19 KTVD | NW 987kw/328m (aux) |
| Eads | 31 KZDN-LD | QG from 26; QC |
| | 15, K15KG, | NS 327w, 38-22-57/ |
| | 16, K16LF, | 102-58-48 |
| | 17, new- | (Kiowa Co.) |
| | 18, lpdtv,new- | |
| | 19 lpdtv, | |
| | K19KN | |
| Loveland | 14 KZDE-LD | PC<12kw, 40-34-55/105-00-33; CL from Fort Collins |

**District of Columbia**

| | | |
|------------|------------|------------------|
| Washington | 22 WMDO-CA | QC from 8, 1.1kw |
|------------|------------|------------------|

**Florida**

| | | |
|--------------------|-------------------|---|
| Clearwater | 26 WXAX-LP | DR<5.9kw; DG |
| Crystal River | 33 WGCT-LD | PR>4kw, 28-09-10/ 82-29-26 |
| Gainesville | 17 W17DH | PC>10kw, 29-46-35/ 82-16-50; PR<6kw, 30-09-06/ 82-01-56 |
| Gainesville | 25 WFEO-LD | PR<6kw, 29-46-35/ 82-16-51 |
| Layton | 16 W16CA | PR<500w, 25-10-12/ 80-22-33; PG |
| Live Oak | 20 W20EA | PR<6kw, 30-16-43/ 82-03-57 |
| Ocala | 35 W35CZ | XC 29-46-35/ 82-16-50; XR 30-09-06/ 82-01-56 |
| Ocala | 44 W44DS | PG<3kw, 29-21-31/ 82-19-42; PC |
| Ocala | 50 WFEF-LD | PC>6kw, 29-04-44/82-05-30; XR 28-49-15/ 81-41-47 |
| Palm Beach | 43 WTCN-CA | DC 15kw |
| Panama City | 18 WJHG-TV | QC from 7, 1000kw/ 411m, 30-21-08/ 85-23-28 |
| Port Charlotte | 27 WBKH-LD | PR<6kw, 27-41-48 /82-23-50; PG |
| Stuart | 48 WWHB-CA | DC 2.1kw |



Georgia

| | | |
|---------------|----------------|---|
| Athens | 22 W22DS | PC>11kw, 34-42-10/ 82-27-45 PR>15kw, 34-42-06/ 82-36-18; PG |
| Augusta | 16 WBK-CA | DC 6.9kw |
| Augusta | 21 W21DR | NW 10kw, 33-18-46/ 82-11-29 (DTV America 1); PR<6kw, 33-36-12/ 81-50-30; PG |
| Augusta | 25 WQEP-LD | NW 10kw, 33-18-46/ 82-11-29 (DTV America) |
| Augusta | 27 W27DY | PG>5kw |
| Blairsville | 36 WBUD-LP | DC 1kw, 34-14-15/ 84- 09-27 |
| Dalton | 47 WDGA-CA | DC from 43, 3.17kw, 34-44-00/ 85-01-03 |
| Dalton | 49 WDNN-CA | DC 5.92kw |
| Savannah | 26 WDID-LD | NW 6kw, 32-02-42/ 81- 07-21 (King Forward) |
| Toccoa | 24 WGTA | CC from WUGA-TV |
| Valdosta | 30 WVCZ-LD | PR>5kw, 30-48-14/ 83- 21-20; PG |



Hawaii

| | | |
|----------|------------|-------------------------------------|
| Honolulu | 48 KHHI-LP | PR<500w, 21-20-19/ 157-53-55; PG |
|----------|------------|-------------------------------------|



Idaho

| | | |
|------------|----------|---|
| Fish Creek | 49 K49ND | NS 800w, 42-48-25/ 112-29-15; DCC for K13CO; NW |
| Kamiah | 13 K13AP | DR 10w; DG |



Illinois

| | | |
|--------------|---------|--|
| Mount Vernon | 11 WPXS | QR from 21, 160kw/ 172m, 38-36-39/ 89- 45-32; amendment from 211m & to change site |
|--------------|---------|--|

| | | |
|--------------|----------|--|
| Mount Vernon | 42 W42EM | NW 6kw, 38-21-04/ 88- 45-06 (DTV America) |
| Springfield | 23 W23DX | PR>3kw, 39-42-10/ 89- 46-47; PG |
| Springfield | 41 W41DP | XG 39-41-58/ 89-46-54 |



Indiana

| | | |
|--------------|--------------------------------------|--|
| Fort Wayne | 45 WFWC-CA | DC 2.15kw |
| Lafayette | 23 W23EA | XR 41-00-13/ 86-34-59 |
| Lafayette | 35 W35CY | XR 40-06-14/ 86-30-43 |
| Marion | 15 W15CZ | XR 40-25-17/ 85-49-27 |
| Marion | 22 W22DV | PG<10kw, 40-44-46/ 85-10-23 |
| Salem | 41 WRLW-CA | DG from 17, 15kw, 38- 16-18/ 85-56-10; DC; CC from WHAN-CD |
| Salem | 51 WMYO | NS 1000kw/ 368m (aux) |
| Terre Haute | 28 W28DZ | XG 39-31-37/ 87-00- 02; XC |
| Wolcott | 30, W30DI, 33, W33DE, 39 W39DM | PC<6kw, 40-02-34/ 86- 27-48 |



Iowa

| | | |
|---------------------|--|--------------------|
| Cedar Falls | 14, K14PR, 21, K21MI, 32, K32KZ, 34 K34MM | PG<6kw |
| Cedar Falls | 46 K46MK | PG>6kw |
| Cedar Rapids | 9 KCRG-TV | PC>48kw |
| Marshalltown | 44 KDAO-CD | DG from 45, 1.38kw |
| Ottumwa | 15 KYOU-TV | PC>360kw |



Kansas

| | | |
|-----------|------------|--------------------------------|
| Pittsburg | 49 KPJO-LP | DR 6.71kw; DG; DC |
| Topeka | 16 KAJF-LD | PC>10kw, 38-59-26/ 95-14-00 |

**Kentucky**

Bowling Green 14 W14DG PR>5kw dismissed
Campbellsville 23 WLCU-CD NS 3kw, 37-20-38/ 85-21-34; DCC for analog 4

Louisville 49 WDRB NS 1000kw/ 368m (aux)

**Michigan**

Detroit 20 WHNE-LD PC>15kw
Flint 16 WSMH NS 25.1kw/ 350m (aux); NW

Lansing 25 WLAJ QC from 51, 483kw

**Minnesota**

La Crescent 23 KQEG-CA DC 15kw
Minneapolis 11 KARE AF 34kw/ 347m (aux)
Rochester 28 K28LW PG>6kw
Rochester 49 K49MQ PG>10kw, 44-18-37/ 92-46-13
Walker 25 K25JZ CX

**Mississippi**

Booneville 34 W34DV DC 6.2kw
Clarksdale 18 W18EK NW 6kw, 34-05-46/ 90-42-29 (DTV America); XR 34-15-45/ 90-16-08; XG; XC

Clarksdale 45 W45ED NW 6kw, 33-52-49/ 90-42-24 (DTV America); XR 34-05-45/ 90-42-28; XG; XC

Fulton 39 W39CA DC 15kw
Lumberton 33 W33DT PG>10kw, 30-37-13/ 89-30-34

**Missouri**

Columbia 25 K25NR PG<1kw
Columbia 27, K27MG, XR 38-54-23/ 91-42-24; XG
Columbia 29 K29KV
Columbia 39 K39MB PG<3kw, 38-47-27/ 92-17-43
Jefferson City 32 K32KV PG<2kw
Jefferson City 33 K33MN XG 38-47-27/ 92-17-43
Jefferson City 36 K36LJ PG>15kw
Jefferson City 38 K38OO PG<5kw
St. Louis 49 KEFN-CD NS 15kw; DCC for analog 28

**Montana**

Harlowton 7 K07ZR NS 31w, 46-19-52/ 109-43-30 (Marlow TV Assn.)
Judith Gap 4, 6 K04RT, NS 43w, 46-41-16/ K06QN 109-44-32 (Marlow TV Assn.)
Martinsdale 6 K06QO NS 18w, 46-26-36/ 110-25-20 (Marlow TV Assn.)
Superior 15 K15KH NS 4w, 47-10-30/ 114-55-00 (Superior TV Translator Dist.)
Tampico 34 K34NA NS 318w, 48-20-20/ 107-08-58 (Valley Co. TV Dist. #1)
White Sulphur Spring 10, K10RD, NS 90w, 46-27-44/ 13 K13LS 110-51-22 (Meagher Co. TV Dist.)

**Nebraska**

Norfolk 35 K35KZ XR 42-01-41/ 97-20-25

**Nevada**

Las Vegas 13 KTNV-TV NW 18.3kw/ 569m (aux)



New Hampshire

Concord 22 W22EK NW 500w, 43-18-48/
72-04-29 (DTV
America 1); PG>6kw,
43-11-40/ 71-33-19



New Jersey

Belvidere 43 W43CH DR; DG
Camden 22 WNJS AF 176kw/ 224m (aux)
Hackettstown 49 W49BE DR 1kw; DG
**Linden 36 WNJU PR 530kw/ 519m, 40-
42-46/ 74-00-48**
Montclair 51 WNJN AF 173kw/ 194m (aux)
**New Brunswick 8 WNJB AF 24.9kw/ 201m
(aux)**
**Newark 13 WNET PG>8.1kw/ 507m, 40-
42-46/74-00-49**
Sussex 35 W36AZ AF 1.5kw; DCC for
analog 36



New Mexico

Alamogordo 14 K63GU DC from 63



New York

Glens Falls 39 WRGB – NW 15kw, 43-18-17/
1231AMA 73-45-07; DRT for
Schenectady ch. 6
**New York 7 WABC-TV PG>506m, 40-42-46/
74-00-49**
**New York 11 WPIX-DT PG 5.5kw/ 506m, 40-
42-46/ 74-00-49**
**New York 28 WNBC PR>172kw/ 519m, 40-
42-46/ 74-00-49;
amendment from
164kw; PG**
**New York 31 WPXN-TV PG>100kw/ 519m, 40-
42-46/ 74-00-49**
**New York 33 WCBS-TV PG>385kw/ 519m, 40-
42-46/ 74-00-49**
Oneida 36 WTKO-CD DC 8.5kw

Rome 28 WWDG-CD DG from 12, 12.7kw,
43-08-33/ 75-10-34
Roslyn 9 W09CZ PR>3kw
Syracuse 34 WONO-CA PR<2.8kw; DG from 11
Syracuse 51 WHSU-CA PR<6.7kw; PG



North Carolina

Boone 24 WLNN-LP DC 15kw, 36-14-05/
81-42-22
Fayetteville 15 WNCB NW 6kw, 34-39-29/ 79-
00-40 (DTV America);
PR<5kw, 35-02-43/ 78-
58-52
Fayetteville 22 WIRP-LD NW 6kw, 34-39-29/ 79-
00-40 (DTV America);
XR 35-04-21/ 78-53-27
Greenville 14 WIED-LD NW 6kw, 35-08-04/ 77-
03-48 (King Forward);
XR 35-11-57/ 77-34-51
Pinehurst 44 WYBE-CA DC 110w
Shelby 26 WCCB – CX
0824AHZ
Wilmington 24 WILT-LD CC from W24DP



Ohio

Canton 21 W21DI PG<2kw, 40-58-59/ 81-
41-03
Canton 25 W25EK XR 40-46-41/ 81-27-02
dismissed; PR<4kw,
40-46-41/ 81-27-02
Canton 27 WEKA-LD PR>6kw, 40-47-49/ 82-
01-45; CC from
W27DL; PG
Canton 43 W43DB XR 41-01-31/ 81-24-21
Cleveland 32 WRAP-LP PR>15kw
Shaker Heights 10 WOIO PG<9.5kw/ 304m; PC
Toledo 48 WMNT-CA DC 15kw



Oklahoma

Enid 42 K42LL PR>15kw, 35-35-51/
97-29-22; PG
Enid 48 KUOC-LD XR 36-07-22/ 96-55-
27; XG
Oklahoma City 41 KXOC-LP CX
Weatherford 19 K23IY QC from 23



**Oregon
Bend**

Portland 35 KORK-CA DC 15kw
Portland 38 KKEI-CA DC 9kw



Pennsylvania

Altoona 23 WTOO-CA DC from 50, 15kw, 40-17-24/ 78-33-46
Berwick 47 W47AO DC 15kw
East Stroudsburg 24 W24BB DC 800w
Gettysburg 31 WGAL – 0824ADR CX
Hazleton 35 WYLN-LP DC 5.5kw
Johnstown 39 WBVD-CA DC from 35, 15kw
Philadelphia 23 WTSD-CD DR from 14, 15kw
Philadelphia 46 WFMZ-TV-DTS2 NS 1.8kw/281m, 40-02-33/ 75-14-33; NW; see text
Pittsburgh 31 WIIC-LD NS 15kw, 40-26-45/ 79-57-50; DCC for analog 29; NW
Reading 24 W24CS DC 7w
Uniontown 45 WWAT-CA DC 558w
Washington 20 WWLM-CA DC 15kw
Williamsport 9 W09DB NS 750w; DCC for W05BG



Rhode Island

Providence 36 WRIW-CD QC from 50
Providence 50 WJAR GA from 51



South Carolina

Charleston 20 WBSE-LP DC 6kw, 32-49-03/ 79-50-09
Florence 44 W44CU PG>15kw
Lancaster 31 WCCB – 0825BTA CX

Murrells Inlet 8 WGSC-CD PG>140w
Myrtle Beach 15 W15CY NW 4kw, 34-22-02/ 79-19-48 (MIK); PR>6kw, 34-00-03/ 79-34-50
Myrtle Beach 23 WLDW-LD NW 6kw, 34-22-02/ 79-19-48 (MIK); XR 34-00-03/ 79-34-50
Myrtle Beach 27 W27DI NW 6kw, 33-35-27/ 79-02-54 (MIK); XR 33-31-14/ 79-30-31



South Dakota

Lowry 46, NEW-48 lpdtv NS 4.24kw, 45-23-50/ 99-56-29 (SD Five County TV Translator Dist.)
Lowry 50 K50NL NS 4.24kw, 45-23-50/ 99-56-28 (see above)



**Tennessee
Chattanooga**

Jackson 29 WTCI PG 160kw/352m; PC 19, W19ED, 49 W49EK NW 6kw, 35-42-17/ 88-44-46 (DTV America); XR 35-32-55/ 89-12-54; XG
Kingsport 19 WKPZ-CA DG 15kw, 36-31-36/ 82-35-13; DC



Texas

Bastrop 45 KHPB-CA DC 158w
Beaumont 16 K16JC NW 3kw, 29-58-35/ 93-56-02 (MIK); PR>6kw
Beaumont 22 KUMY-LD PR>15kw, 30-09-20/ 93-59-10 dismissed
College Station 34, KZCZ-LD, 41 K41LT NW 6kw, 30-41-07/ 96-14-58 (DTV America; MIK); XR 30-47-21/ 96-43-12
Dallas 2 KFSW-LD PC>3kw, 32-35-03/ 96-57-49
Dayton 5 KTDJ-LD PR<1kw, 30-01-24/ 94-30-39; PG
El Paso 16 KTSM-TV PR<250kw; PG
Fredericksburg 44 KHPF-CA DC 45w
Georgetown 28 KHPX-CA DC 180w

| | | |
|--------------------|------------------------|--|
| Kingsville | 31 K20EK | DC 15kw, 27-40-10/ 97-54-59 |
| La Grange | 40 KHPL-CA | DC 43w |
| Lingleville | 31 K31MU | XG 32-32-11/ 97-24-45 |
| Longview | 26 KCEB | QC from 51 |
| McAllen | 32 KRZG-LD | NW, 26-16-00/ 98-19- 11; DCC for analog 32 |
| Round Rock | 15 KHPZ-CA | DC 67w |
| San Antonio | 12 KSAT-TV | AF 23.2kw/ 141m, 29- 26-11/ 98-29-00 (aux) |
| San Antonio | 27 K14LM | DC from 14, 15kw, 29-16-29/ 98-15-52 |
| San Antonio | 31 KVDF-CA | DC 15kw, 29-26-29/ 98-30-22 |
| San Marcos | 40 KHPM-CA | DC 34w |
| Snyder | 42 K42ET | DR 975w; DG |
| Snyder | 47, K47IP, 49 K49GT | DR 930w/ 910w |
| Victoria | 7 KBHO-LD | PC>1kw, 29-02-37/ 96-31-05 |
| Victoria | 33 KQZY-LP | DC from 38, 4kw, 28-50-42/ 97-07-33 |
| Victoria | 48 KVCV-LD | PG<5kw, 28-54-59/ 96-37-36 |
| Wichita Falls | 32 K32KT | NW 15kw, 33-54-04/ 98-32-21 (Hispanic Family Christian Network) |
| Wichita Falls | 48 K48HU | CX |



Utah

| | | |
|----------------|------------|---------------------------------|
| Salt Lake City | 19 KPDR-LD | PR>15kw, 40-40-55/ 112-12-08 |
|----------------|------------|---------------------------------|



Virginia

| | | |
|----------------|------------|--------------------------------|
| Abingdon | 21 WAPW-CA | DC 15kw, 36-54-04/ 81-32-35 |
| Chesapeake | 23 WITD-CA | DC 1.48kw |
| Mappsville | 36 WPMC-CA | DC 90w, 37-50-32/ 75- 34-17 |
| Richmond | 28 WWBK-LD | PR<6kw; PG |
| Virginia Beach | 35 WCTX-CA | DC 115w |
| Weber Co. | 7 WKIN-CA | DC |



Washington

| | | |
|-------------|------------|---------------------------------|
| Camas | 20 KOXI-CA | DC 7kw |
| Colville | 9 K09UP | DC 50w |
| Hoquiam | 24 K24IT | PG<200w, 46-10-41/ 123-26-11 |
| Kennewick | 29 K29FF | DR 9.2kw |
| Walla Walla | 16 KORX-CA | DC 1kw |



Wisconsin

| | | |
|--------------|------------|----------|
| Sturgeon Bay | 22 WKTI-CA | DC 4.3kw |
|--------------|------------|----------|



Wyoming

| | | |
|----------|------------|--|
| Casper | 16 K16JI | PG>12.6kw, 42-51-00/ 106-21-46 |
| Cheyenne | 16 K16LE | NW 9kw, 40-49-59/ 104-47-58; DCC for K49AY |
| Laramie | 50 KHDE-LD | PR>15kw, 40-05-57/ 104-53-48 |

The new channel 46 transmitter in Philadelphia is part of a Distributed Transmission System with the main transmitter just outside Allentown. WFMZ's digital signal was having difficulty reaching the off-air headends of the two satellite services and Verizon's FIOS system. The new transmitter should cure this issue. WFMZ does acknowledge that some viewers will receive this new transmitter OTA.

The changed New York City facilities are for the new Freedom Tower.

FM NEWS

for

CANADA and USA

June 2015

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INDEX OF ABBREVIATIONS USED IN FM NEWS

APP: application
 APP Mod: Change to an already submitted application
 Class: FM license class
 CoL: City-of-License
 CP: construction permit (authority to broadcast with facilities noted)
 CP Mod: change to an already granted CP
 DA: directional antenna
 EE: English language
 FF: French language

\$: Stereo
 SS: Spanish language
 STA: Special Temporary Authorization
 XL: Transmitter Location change to
 > : change to [in formats]
 < : an increase to [in technical data]
 > : a decrease to [in technical data]
 []: Calls in brackets signifies assumed or applied-for status

Note: antenna heights are HAAT except where noted

CANADA



— CALL LETTER ACTIONS —

| | <u>Old Call</u> | <u>New Call</u> |
|--------------|-----------------|-------------------------------------|
| BC Penticton | 92.9 CP | CFUZ-FM |
| ON Toronto | 96.7 CP | CFZM-1-FM [relays CFZM-740 Toronto] |

— FORMAT and SLOGAN CHANGES —

| | | |
|-----------------------------|----------------|--|
| AB High River/Okotoks | 100.9 CKUV-FM | > Hot AC: <i>The Eagle</i> |
| AB Stony Plain/Spruce Grove | 88.1 CKSS-FM | Signs on with Country: <i>The ONE - Parkland County's Best Country</i> |
| BC Lake Cowichan | 97.5 CICV-FM | Changes slogan to: <i>Radio Cowichan</i> |
| MB Winnipeg | 100.5 CFJL-FM | Changes slogan to: <i>Jewel 100.5</i> , remaining AC |
| ON Barrie | 93.1 CHAY-FM | Changes slogan to: <i>Fresh Radio</i> |
| ON North York | 105.5 CHRY-FM | > Urban Alternative: <i>VIBE 105.5FM</i> |
| ON Ottawa | 92.7 CJVN-FM | > FF Christian, Commercial: <i>Radio Vie Nouvelle</i> |
| ON Windsor | 100.7 CKUE-FM1 | > Variety Hits: <i>Cool 100.7</i> |



— NEW STATIONS ON THE AIR —

| | | | |
|-----------------------------|------|---------|--|
| AB Stony Plain/Spruce Grove | 88.1 | CKSS-FM | 500 W/43 m, 53-33-32/113-59-52; Class A; \$ |
| ON Ottawa | 92.7 | CJVN-FM | 50 W-V/41 m, 45-26-13/75-39-29; Class LP; \$ [Fiston Kalambay] |

— FACILITY CHANGES ON THE AIR —

| | | | |
|-------------|-------|---------|---|
| MB Winnipeg | 100.5 | CFJL-FM | < 100 kW/206 m DA, 49-45-20/97-07-53; Class C1; \$ [also a frequency change from 100.7] |
|-------------|-------|---------|---|

— TECHNICAL CHANGES —

GRANTS TO EXISTING STATIONS

CP granted for:

| | | | |
|-------------------|-------|------------|--|
| AB Athabasca | 94.1 | CKBA-FM | > 7.2 kW/<127 m, XL to 54-45-36/113-19-55; Class B1; \$ |
| BC Pender Harbour | 104.7 | CIPN-FM | 350 W-H/> 268 m, 49-36-56/124-00-27; Class A; Mono |
| NB Grande-Anse | 90.3 | CBAF-FM18 | 97.7 kW-V//< 100 kW-H (adds V)/< 97 m DA, XL to 47-49-01/65-08-50; (to) Class C; Mono [changes CoL from Lamèque; will continue to be // CBAF-FM 88.5 Moncton with ICI Radio-Canada Première] |
| ON Belleville | 95.5 | CJOJ-FM | > 64 kW/< 152 m DA, XL to 44-16-04/77-30-46; Class C1; \$ |
| ON Bolton | 102.7 | CJFB-FM | < 4 kW-H (deletes V)/> (-) 22 m, 43-52-46/79-44-18; (to) Class A; \$ [also moves from 105.5 MHz] |
| ON Dryden | 100.9 | CBQH-FM | > 1.3 kW/> 105 m, XL to 49-47-01/92-48-26; (to) Class A; Mono |
| ON Ottawa | 88.5 | CILV-FM | < 90 kW/> 131 m DA, XL to 45-13-01/75-33-50; (to) C1; \$ |
| QC Grande-Vallee | 104.1 | CBGA-FM-14 | > 1.45 kW/95 m, 49-13-00/65-10-39; Class A; Mono |
| QC Rimouski | 96.5 | CKMN-FM | > 5.8 kW/< 411 m, 48-27-48/68-12-29; Class B; \$ |
| SK Big River | 97.5 | CHQX-FM3 | > 1.4 kW-V/> 87 m, XL to 53-49-40/107-01-45; Class A; \$ |



GRANTS FOR NEW STATIONS

CP granted for:

| | | | |
|----------------|-------|------------|--|
| BC Fort Nelson | 96.1 | [CFNR-FM2] | 8 W/12 m, 58-46-13/122-39-57; Class VLP; Mono [will be a relay of CFNR-FM 92.1 Terrace] |
| BC Penticton | 92.9 | [CFUZ-FM] | 50 W/(-) 52 m, 49-29-50/119-35-36; Class LP; \$ [will be an EE-language community station (Peach City Radio)] |
| NS Sydney | 107.3 | CJBU-FM | 5 W/10 m, 46-10-11/60-05-31; Class LP; \$ [will be a 'Developmental Campus' station; Caper Radio Incorporated (Caper Radio)] |
| ON Milton | 101.3 | CP | 950 W/ (-) 8 m DA, 43-30-31/79-51-38; Class A; \$ [format will be AC/Oldies (My Broadcasting Corporation)] |
| ON Toronto | 96.7 | CFZM-1-FM | 82 W/280 m DA, 43-38-56/79-22-54; Class A; \$ [will be a nested repeater for CFZM-740 Toronto (MZ Media)] |



APPLICATIONS FROM EXISTING/PROPOSED FACILITIES

Applies for:

| | | | |
|----------------|-------|----------|---|
| AB Lake Louise | 103.9 | APP | 130 W/(-) 414 m, 51-26-12/116-11-14; Class A1; Mono [would relay CBR-FM 102.1 Calgary; the CBC has proposed to replace the current facility, VF2105, which currently provides Radio One programming on this frequency with 1 Watt. The current licensee, Lake Louise Community Association, has advised the CBC that they are no longer interested in remaining operational, and has agreed to surrender its frequency to CBC/Radio-Canada] |
| BC Vancouver | 98.3 | CIRH-FM | > 1.7 kW/< 88 m, XL to 49-17-06/123-07-09 DA; Class A; \$ [station has yet to be built] |
| NS Spryfield | 94.7 | CIRP-FM | 50 W-V/< 12 m, 44-37-03/63-36-50; Class LP; \$ |
| ON Hornepayne | 107.1 | CFNO-FM2 | < 200 W (adds V), < 37 m, XL to 49-13-12/84-47-21; (to) Class A1; (to) \$ |
| ON Orangeville | 103.5 | CIDC-FM | < 100 kW/< 221 m DA, XL to 43-35-17/79-53-02; (to) Class C1; \$ |

APPLICATIONS FOR NEW FACILITIES

| | | | <u>Applies for:</u> |
|-----------------------------|-------|------------|--|
| BC Ashcroft | 99.1 | [CHCA-FM1] | AF 6 W-H/(-) 54 m, 50-44-27/121-16-34; Class VLP; \$ [would relay proposed Cache Creek station] |
| BC Cache Creek | 97.1 | [CHCA-FM] | 26 W/(-) (-) 4 m DA, 50-48-13/121-18-35; Class LP; \$ [would be an English community station; Ash Creek Television Society] |
| ON Milton | 101.3 | APP | 950 W/(-) 8 m DA, 43-30-31/79-51-38; Class A; \$ [would be AC/Oldies; My Broadcasting Corporation] |
| ON Nakina | 98.1 | [CBLN-FM] | 50 W/9 m, 50-10-43/86-42-23; Class LP; Mono [replacement for CBLN-1240, continuing to relay CBC-Radio One from CBQT-FM 88.3 Thunder Bay] |
| QC Montreal (Saint-Leonard) | 104.5 | APP | 50 W/22 m, 45-34-13/73-36-24; Class LP; \$ [would be a nested repeater for CHOU-1450 Montreal (Radio Moyen Orient du Canada)] |

— OTHERNEWS —

| | | | |
|------------|-------|---------|---|
| ON Caledon | 102.7 | CFGM-FM | License cancelled; call deleted; action allows the CJFB-FM changes (see Grants to Existing Stations, above) to take place |
|------------|-------|---------|---|

UNITED STATES AND TERRITORIES



— CALL LETTER ACTIONS —

FULL POWER STATIONS

| | | <u>Old Call</u> | <u>New Call</u> | | | <u>Old Call</u> | <u>New Call</u> | | |
|----|-------------------|-----------------|-----------------|---------|----|-----------------|-----------------|---------|---------|
| AL | Anniston | 100.1 | CP | WRHP | LA | Jean Lafitte | 107.5 | KXMG | KNOL |
| AZ | Fredonia | 101.1 | CP | KXOA | NM | Crownpoint | 107.3 | CP | KCZY |
| CA | Acton | 88.3 | KQRU | KTCN | NC | Bethel | 98.9 | WNBR-FM | WLXB |
| CA | Cazadero | 106.3 | KTRY | KBBL | PA | Clarion | 92.7 | WCCR | WCCR-FM |
| CA | Mecca | 88.1 | CP | KHXR | TN | Maryville | 95.7 | WVRX | WDKW |
| CA | Tecopa | 105.5 | KNIT | KMKK | TX | Bay City | 88.1 | KEDR | KQUE-FM |
| CO | Greenwood Village | 102.3 | KDSP | KVOQ-FM | TX | Blowout | 88.9 | KXMP | KTSN |
| CO | Log Lane Village | 104.5 | KZLL | KRJN | TX | Junction | 105.9 | CP | KKJT |
| GA | Tignall | 96.7 | WSGC-FM | WSGC | TX | Troup | 97.5 | KWRW | KTBB-FM |
| | | ... then | WSGC | WMJE | VA | Lynchburg | 90.9 | WWMC | WQLU |
| IL | Cuba | 98.1 | CP | WILP | WA | Central Park | 98.5 | KNBQ | KBFR |
| IN | Plainfield | 98.3 | WRDZ-FM | WUBG | WA | Tacoma | 91.7 | KXOT | KYFQ |
| IA | Coggon | 88.7 | CP | KMMK | WI | Milwaukee | 94.5 | WLWK | WKTl* |
| LA | Atlanta | 106.5 | KCIJ | KLNQ | | | | | |

* - One source indicates this call change along with the new format (see below), but at our deadline the FCC still lists WLWK.

LPFM STATIONS

| | | <u>Old Call</u> | <u>New Call</u> | | | <u>Old Call</u> | <u>New Call</u> | | |
|----|-----------------|-----------------|-----------------|---------|----|-----------------|-----------------|----|---------|
| AL | Montgomery | 98.3 | CP | WKEM-LP | AR | Bentonville | 103.3 | CP | KOBV-LP |
| AZ | Eloy | 106.1 | CP | KURE-LP | AR | Clarksville | 97.5 | CP | KQLO-LP |
| AZ | Phoenix | 102.9 | CP | KDIF-LP | AR | Hope | 94.3 | CP | KZZC-LP |
| AZ | Prescott Valley | 100.5 | CP | KPVX-LP | CA | Bakersfield | 94.5 | CP | KBFE-LP |
| AZ | Tsaile | 92.1 | CP | KXWR-LP | CA | Crescent City | 105.9 | CP | KCCQ-LP |

| | | | | | | | |
|----------------------|-------|---------|---------|-------------------------|-------|---------|---------|
| CA Dobbins | 93.3 | CP | KIIV-LP | MO Joplin | 94.5 | CP | KFSS-LP |
| CA Frazier Park | 93.3 | KFPP-LP | KFZR-LP | NV Las Vegas | 101.1 | CP | KVXL-LP |
| CA Fresno | 106.7 | CP | KGZF-LP | NH Charlestown | 105.7 | CP | WLWM-LP |
| CA Los Molinos | 98.9 | CP | KTEH-LP | NJ Cape May Court House | 101.1 | CP | WXRM-LP |
| CA Marysville | 94.3 | CP | KXMJ-LP | NJ Galloway | 107.7 | CP | WRWL-LP |
| CA Oxnard | 94.1 | CP | KIND-LP | NY Cobleskill | 105.9 | CP | WCSQ-LP |
| CA San Jose | 92.7 | CP | KCXU-LP | NY Rochester | 97.1 | CP | WEPL-LP |
| CA San Diego | 93.7 | CP | KCZP-LP | NC Bryson City | 100.7 | CP | WTIJ-LP |
| CA Santa Barbara | 92.3 | CP | KGSB-LP | NC Cary | 103.3 | CP | WFNE-LP |
| CA Winterhaven | 105.1 | CP | KUAV-LP | NC Sanford | 93.5 | CP | WJFT-LP |
| CO Grand Junction | 94.7 | CP | KREL-LP | OR Hermiston | 105.9 | CP | KOLH-LP |
| CO Manitou Springs | 93.3 | CP | KZMS-LP | OR Portland | 100.7 | CP | KBSF-LP |
| FL Fort Myers | 90.5 | CP | WGGM-LP | OR Portland | 100.7 | CP | KRJJ-LP |
| FL Fort Myers | 99.7 | CP | WPII-LP | OR Portland | 105.5 | CP | KXRU-LP |
| FL Fort Walton Beach | 97.3 | CP | WJZK-LP | OR Riddle | 107.9 | CP | KOTU-LP |
| FL Frostproof | 92.7 | CP | WFPF-LP | PA Philadelphia | 98.5 | CP | WQEW-LP |
| FL Live Oak | 98.7 | CP | WMOF-LP | TN Carthage | 100.5 | CP | WHIC-LP |
| FL Miami Beach | 95.3 | CP | WLJM-LP | TN Memphis | 98.5 | CP | WUFP-LP |
| FL Miami | 103.1 | CP | WQNB-LP | TN Ooltewah | 106.1 | CP | WDSJ-LP |
| FL North Miami | 92.7 | CP | WKHE-LP | TX Austin | 94.3 | CP | KBPH-LP |
| FL Orlando | 99.9 | CP | WIME-LP | TX Brownsville | 94.9 | CP | KRBS-LP |
| FL Ormond Beach | 107.1 | CP | WZEA-LP | TX Houston | 96.1 | CP | KBLT-LP |
| FL Palm Bay | 105.7 | CP | WECA-LP | TX Houston | 99.7 | CP | KHGV-LP |
| FL Sarasota | 101.1 | CP | WUDN-LP | TX Pharr | 100.7 | CP | KPDW-LP |
| FL Wauchula | 92.3 | CP | WJWY-LP | TX Port Arthur | 95.5 | CP | KVAP-LP |
| GA Duluth | 98.1 | CP | WNRE-LP | TX San Antonio | 99.9 | CP | KAPV-LP |
| ID Meridian | 97.5 | CP | KIDH-LP | TX Sugar Land | 98.3 | CP | KIRP-LP |
| IA Marshalltown | 101.5 | CP | KDNH-LP | VA Richmond | 105.3 | CP | WQCN-LP |
| KS Topeka | 100.7 | CP | KJAD-LP | WA Aberdeen | 105.3 | KAHC-LP | KCFL-LP |
| LA New Orleans | 95.1 | CP | WVDL-LP | WA Newport | 92.3 | CP | KWHJ-LP |
| MD Bethesda | 96.7 | WXYE-LP | WQER-LP | WA Seattle | 96.9 | CP | KODX-LP |
| MA Acton | 94.9 | CP | WAEM-LP | WA Seattle | 105.7 | CP | KVRU-LP |
| MI Kalamazoo | 93.1 | CP | WKSA-LP | WA Walla Walla | 103.9 | CP | KSVM-LP |
| MN Perham | 100.3 | CP | KXPM-LP | WV Mineral Wells | 92.5 | CP | WMBP-LP |
| MN St. Cloud | 105.1 | CP | KZYS-LP | WV Salem | 99.9 | CP | WMMU-LP |
| MS Jackson | 107.9 | CP | WJXC-LP | WI Waupaca | 96.3 | CP | WILW-LP |
| MS Laurel | 103.1 | CP | WAUJ-LP | WY Lander | 107.1 | CP | KOFR-LP |
| MS Magee | 96.9 | CP | WSMP-LP | | | | |

TRANSLATOR and BOOSTER STATIONS

| | | <u>Old Call</u> | <u>New Call</u> | | | <u>Old Call</u> | <u>New Call</u> |
|----------------------|-------|-----------------|-----------------|-------------------|-------|-----------------|-----------------|
| AL Montgomery | 102.3 | W218BG | W272CO | NJ Trenton | 105.7 | CP | W289CD |
| AL Moulton | 100.7 | W211BX | W264BN | NM Taos | 96.7 | K242CQ | K244FD |
| AK Anchorage | 95.1 | K238BE | K236CG | NY Arcade | 104.9 | W283AU | W285EZ |
| AZ Tucson | 95.7 | K267AF | K239CF | NY Grand Island | 106.9 | W206CA | W295BW |
| CA Chatsworth | 99.1 | APP | KWSV-LP1 | NY Hauppauge | 96.5 | W296CQ | W243DM |
| CA Santa Clarita | 92.3 | KRRL-1 | KRRL-FM1 | NC Boone | 94.3 | W233BY | W232CW |
| CA Santa Clarita | 102.7 | KIIS-1 | KIIS-FM1 | NC Greensboro | 93.7 | W228CM | W229CH |
| CA Santa Clarita | 103.5 | KOST-1 | KOST-FM1 | NC Rolesville | 98.1 | W252CZ | W251CA |
| CA Santa Clarita | 104.3 | KBIG-1 | KBIG-FM1 | OR Azalea | 102.3 | K223BW | K272FM |
| CO Alamosa | 102.7 | K221FY | K274CU | PA Narberth | 90.5 | CP | W213CA |
| CO Boulder | 102.3 | KDSP-FM2 | KVOQ-FM2 | SC Sumter | 89.1 | W205BO | W206BY |
| CO Breckenridge | 93.1 | K227CN | K226CI | TN Lake City | 100.9 | W264CL | W265BQ |
| CO Grand Junction | 107.3 | K244FB | K297BR | TX Alvin | 104.5 | K284BX | K283CH |
| CO Masonville | 104.7 | K283CF | K284BY | TX Austin | 90.1 | K206CF | K211FZ |
| CO Steamboat Springs | 88.7 | K201HP | K204GK | TX Canton | 95.1 | K239AN | K236CH |
| CO Walsenburg | 92.5 | KCRT-1 | KCRT-FM1 | TX Fredericksburg | 102.1 | K274CP | K271CH |
| CT Milbrook | 101.5 | W271BW | W268CI | TX Freeport | 105.3 | K285GS | K287BQ |
| FL Orlando | 94.9 | W288BI | W235CJ | TX Lubbock | 98.7 | K253BD | K254CI |
| FL St. Petersburg | 97.1 | WSUN-1 | WSUN-FM1 | TX New Braunfels | 91.3 | K218CF | K217GH |
| GA Cochran | 92.3 | W276BK | W222BF | TX Texarkana | 99.3 | K255CR | K257FY |
| GA Griffin | 96.9 | W290AG | W245CN | UT Cedar City | 92.5 | K276DA | K223CN |
| GA Statesboro | 99.7 | W257BG | W259CH | VA Alexandria | 97.5 | W249BE | W248BN |
| ID Twin Falls | 107.9 | K299BD | K300AZ | VA Crozet | 101.1 | W218BZ | W266BQ |
| IN Noblesville | 104.9 | W232CP | W285FC | WI Sparta | 101.9 | K270AG | W270CO |
| IA Des Moines | 97.7 | K269EJ | K249EJ | WY Cheyenne | 97.1 | K245BP | K246CI |
| MO Columbia | 107.1 | K293BW | K296GU | WY Granite | 88.9 | K258BB | K205FY |
| NE Nebraska City | 99.5 | K205FG | K258BO | WY Laramie | 101.1 | K267BU | K266CB |
| NJ Elizabethtown | 91.3 | W270CN | W217CC | | | | |

— **FORMAT AND SLOGAN CHANGES** —
Full Power Stations

| | | | | |
|----------------------|-------|---------|---|---|
| AL Ozark | 104.9 | WOAB | > Oldies: <i>Oldies 104.9</i> |  |
| AL Fulton | 89.3 | WJIK | Returns to the air with Religious Teaching [Penfold Communications Network] | |
| AK Akiachak | 92.7 | KHKY | Signs on with Variety | |
| AZ Oro Valley | 97.5 | KSZR | > Classic Hip-Hop: <i>97.5 The Vibe</i> | |
| CA Cazadero | 106.3 | KBBL | > Country: <i>106.3 The Bull</i> | |
| CA Log Lane Village | 93.1 | KZLL | Signs on with Unavailable Format | |
| CA Placerville | 92.1 | KMJE-FM | Changes slogan to: <i>Vive 92.1</i> | |
| CA San Luis Obispo | 89.3 | KLFF | > Contemporary Christian: <i>Life 89.3</i> |  |
| CO Red Feather Lakes | 88.7 | KMKZ | > Talk | |
| CO Rifle | 90.9 | KRJX | Returns to the air with Unavailable Format | |
| IN Evansville | 91.5 | WUEV | > Adult Alternative | |
| IN Plainfield | 98.3 | WUBG | > Country: <i>Big 98.3</i> | |
| KY Campbellsville | 88.7 | WLCU | Adds slogan: <i>The Tiger</i> |  |
| ME Freeport | 89.3 | WMSJ | Changes slogan to: <i>L-Love [K-Love]</i> | |
| MS Oxford | 93.7 | WQLJ | > Talk: <i>Supertalk Mississippi</i> | |
| MS Oxford | 105.1 | WOXF | > Hot AC: <i>Q105 // WTNM Water Valley</i> | |
| MS Water Valley | 105.5 | WTNM | > Hot AC: <i>Q105</i> | |
| MS Sardis | 102.1 | WKFF | > Contemporary Christian: <i>K-Love</i> | |
| MO Bourbon | 94.1 | KZOC | Signs on with Unavailable Format |  |
| MO St. Louis | 102.5 | KEZK | New slogan is: <i>102.5 KEZK</i> , remaining AC | |
| NE Gordon | 95.5 | KSDZ | Adds network: Westwood One - Classic Hits | |
| NE York | 104.9 | KTMX | > Country: <i>Max Country</i> |  |
| NY Altamont | 104.9 | WINU | Changes slogan to: <i>WIN 104.9</i> | |
| NY Bay Shore | 103.1 | WBZO | Changes slogan to: <i>103.1 Max-FM</i> | |
| NY Dansville | 93.9 | WMRV | > Hot AC [Westwood One - Hot AC] | |
| NY Rotterdam | 98.3 | WTRY-FM | > Classic Hits: <i>98.3 TRY</i> | |
| NC Bayboro | 97.9 | WNBB | Changes slogan to: <i>97.9 The Bear</i> [Westwood One - Real Country] | |
| NC Bethel | 98.9 | WNBR-FM | > Contemporary Christian: <i>K-Love [K-Love]</i> | |
| NC Clemmons | 105.7 | WVBZ | Changes slogan to: <i>Man Up!</i> | |
| NC Fayetteville | 91.9 | WFSS | > News/Talk [National Public Radio] | |
| OK Durant | 106.3 | KLBC | Adds slogan: <i>Texoma's Best Country</i> | |
| OK Moorland | 104.5 | KZZW | > CHR: <i>In-Balance Music Radio</i> | |
| PA Erie | 103.7 | WRTS | Changes slogan to: <i>Erie's Number One Hit Music Station - Star 104</i> | |
| PA Fairview | 93.9 | WTWF | Changes slogan to: <i>Erie's New Country - 93.9 The Wolf</i> | |
| PA Lancaster | 101.3 | WROZ | New slogan is: <i>Fun 101.3</i> | |
| PA North East | 100.9 | WRKT | Changes slogan to: <i>Erie's Rock Station - Rocket 101</i> |  |
| PA State College | 103.1 | WRSC-FM | > Classic Hits: <i>Happy 103</i> | |
| TN Dyersburg | 100.1 | WASL | Adds network: Westwood One - Jack FM | |
| TN Maryville | 95.7 | WVRX | > Classic Country: <i>95.7 Duke-FM</i> | |
| TN Tiptonville | 97.3 | WTNV | Adds network: Westwood One - Real Country | |
| TX Bay City | 88.1 | KEDR | Returns to the air with Spanish Contemporary: <i>Radio Aleluya</i> |  |
| TX Rusk | 97.7 | KTBB-FM | > Talk: <i>Talk 600 // KTBB-600 Tyler</i> |  |
| TX Taft | 106.5 | KYRK | > Country: <i>Rig // KCCT-1150 Corpus Christi</i> | |
| TX Three Rivers | 94.5 | KEMA | Returns to the air with Unavailable Format | |
| VA Amherst | 107.9 | WYYD | Changes slogan to: <i>New Country 107-9</i> | |
| VA Farmville | 95.7 | WFLO-FM | Changes slogan to: <i>Your Hometown Radio Station</i> | |
| WA Tacoma | 91.7 | KXOT | Returns to the air with Religious Teaching [BBN] |  |
| WI Fort Atkinson | 107.3 | WSJY | > Adult Contemporary: <i>1073 WSJY</i> | |
| WI Milwaukee | 94.5 | WKTI | > Country: <i>The All New 94-5 KTI Country</i> | |
| WI Milwaukee | 97.3 | WRNW | Changes slogan to: <i>97-3 Now</i> | |
| WI Racine | 92.1 | WMKQ | > Adult Contemporary/Oldies: <i>92-1 The Lake</i> | |
| WI Rhinelander | 89.1 | KSPF | Signs on with Religious Teaching: <i>Northwoods Catholic Radio</i> [EWN] [Note: another "K" call east of the Mississippi] | |



RADIO ALELUYA



LP Stations

| | | | |
|----------------------|-------|---------|---|
| AZ Mesa | 99.1 | KOWO-LP | Signs on with Dance: <i>Wow 99.1</i> [San Tan Educational Media] |
| AZ Sedona | 92.1 | KUOS-LP | Signs on with Variety [International Metaphysical Ministry dba University of Sedona] |
| AR Mena | 101.1 | KRMN-LP | Returns to the air with Variety |
| CA Lompoc | 100.9 | KPEG-LP | Signs on with Variety [City of Lompoc] |
| CT New Haven | 103.5 | WNHH-LP | Signs on with Variety [Online Journalism Project, Inc.] |
| CT Higganum | 97.1 | WWBW-LP | > Religious Teaching |
| FL Hollywood | 103.9 | WZPP-LP | Signs on with Variety [Broward Jewish Alliance, Inc.] |
| GA Suwanee | 94.5 | WAOO-LP | Signs on with Spanish [Casa Vida Inc.] |
| HI Kula | 101.3 | KUKE-LP | Signs on with Religious Teaching [Calvary Temple Upcountry] |
| IL Peoria | 102.9 | WWKJ-LP | Returns to the air with Religious Teaching |
| IN Fremont | 103.7 | WGOO-LP | Signs on with Variety [Fremont Community Broadcasters, Inc.] |
| LA Epps | 95.1 | KEPP-LP | Signs on with Variety [Gourd Farming Educational Society, Inc.] |
| MS Fayette | 101.5 | WWGI-LP | Signs on with Variety [Fayette Community Service Organization Inc] |
| MO Excelsior Springs | 102.7 | KPGZ-LP | Signs on with Classic Rock: <i>102.7 The Hog</i> [Corp. for Educ. Opportunities for NE Clay County] |
| MO St. Louis | 99.5 | KTGP-LP | Signs on with Black Gospel [St. Louis Majestic Basketball Club] |
| NE Beatrice | 100.1 | KPKA-LP | Signs on with Religious Teaching [Spirit Catholic Radio Network] |
| NE Imperial | 104.3 | KNKP-LP | Signs on with Religious Teaching [Spirit Catholic Radio Network] |
| NE McCook | 96.9 | KQPK-LP | Signs on with Religious Teaching [Spirit Catholic Radio Network] |
| NE Scottsbluff | 95.1 | KCTH-LP | Signs on with Religious Teaching [Spirit Catholic Radio Network] |
| NE York | 102.7 | KMAY-LP | Signs on with Religious Teaching [Spirit Catholic Radio Network] |
| NY Fairport | 98.3 | WZNY-LP | Signs on with Religious Teaching [Grace Bible Fellowship, Incorporated] |
| OH Paulding | 102.7 | WMYW-LP | Signs on with Variety [Paulding JB Antwerp Radio, Inc.] |
| OK Purcell | 93.9 | KQTR-LP | Signs on with Variety [City of Purcell] |
| OR Portland | 95.1 | KISN-LP | Signs on with Oldies [Western Oregon Radio Club, Inc.] |
| SC Sandy Springs | 104.3 | WZFN-LP | Signs on with Variety: <i>Fun Radio</i> [Spreading Cheer] |
| SD Sioux Falls | 104.3 | KSTJ-LP | Signs on with Religious Teaching [Eternal Word Network] |
| TN Hendersonville | 103.9 | WHQV-LP | Signs on with Religious Teaching [Jesus Breaks the Chains Church] |
| TX Crystal City | 98.3 | KJLC-LP | Signs on with Spanish Religious [Centro De Milagros Congregation-Crystal City] |
| TX Galveston | 99.7 | KLHG-LP | Signs on with Spanish Religious [Iglesia La Hermosa] |
| TX Houston | 99.7 | KHGV-LP | Signs on with Oldies [Garden Villas Community Association, Inc.] |
| TX Texarkana | 88.3 | KTHN-LP | Signs on with Variety [Kappa Alpha Psi Texarkana Chapter] |
| WA Spokane | 89.9 | KVFS-LP | Returns to the air with Variety [Spokane Translator Association] |
| WV Athens | 97.7 | WVCU-LP | Signs on with Adult Alternative: <i>Mt. Lion Radio</i> [Concord University] |
| WI Hager City | 104.7 | WSWJ-LP | Signs on with Religious Teaching [Red Wing Broadcasting Association] |



Translators

| | | | |
|-------------------|-------|--------|--|
| AL Montgomery | 95.5 | W238CE | Changes slogan to: <i>95.5 WRBZ</i> // WRBZ-1250 Wetumpka |
| FL Jupiter | 96.3 | W242CI | > Rhythmic CHR: <i>Beatz 96.3</i> |
| GA Columbus | 101.7 | W269CT | > Country: <i>South 106.1</i> // WSTH-FM 106.1 Alexander City, Alabama |
| ID Kimberly | 97.5 | K248BZ | > CHR: Club 97.5 // KXTA-HD3 Gooding |
| IA Millman | 96.5 | K243CA | > Country: 96.5 Country // KDRB-HD2 100.3 Des Moines |
| MD Havre de Grace | 104.7 | W284BE | > Classic Hits: <i>104.7 The Point</i> // WHGM-1330 Havre de Grace |
| MN Fridley | 102.5 | K273BH | > Hot AC: <i>Hot 102-5</i> // KTCZ-FM HD2 97.1 Minneapolis |
| MN Hinckley | 106.5 | W293CS | > Adult Standards: <i>Uptown 1010</i> // WMIN-1010 Sauk Rapids |
| MN Hinckley | 107.3 | W297BO | > Classic Album Rock: <i>The Goat</i> // WXYG-540 Sauk Rapids |

| | | | |
|--------------------|-------|--------|--|
| NY Buffalo | 104.7 | W284AP | > Alternative // WTSS-HD2 102.5 Buffalo |
| NY Potsdam | 100.1 | W261CJ | > Classic Country: Star 100.1 // WPDM-1470 Potsdam |
| SC Travellers Rest | 94.1 | W231CP | > AC: 94.1 <i>The Lake</i> // WSNW-1150 Seneca |
| SD Mitchell | 95.5 | K238BA | > AC: <i>More 95.5</i> // KMIT-HD2 105.9 Mitchell |
| SD Mitchell | 103.5 | K278BJ | > Sports: ESPN 103.5 // KUQL-HD2 98.3 Ethan |
| VA South Hill | 96.7 | W244CP | > Christian AC: 96.7 <i>Shine-FM</i> |
| WA Yakima | 106.1 | K291BV | > Hot AC: <i>Big 106.1</i> // KHHK-HD2 99.7 Yakima |



HELP! If you live in the listening area of any of the stations listed with an **Unavailable Format**, please check in and let us know so we may add it to the database.

— FM and AM SIMULCASTS —

| | | | <u>Is heard on:</u> |
|----|-----------------|--------------|---|
| AL | Montgomery | 95.5 W238CE | WRBZ-1250 Wetumpka with Classic Hits [also on W243CS 96.5 Montgomery] |
| CO | Golden | 94.1 K231BQ | KDCO-1550 Denver with Sports |
| CO | Walsenburg | 101.3 KFEZ | KFCS-1580 Colorado Springs with Shopping/Classic Hits |
| GA | Columbus | 101.7 W269CT | WHAL-1460 Phenix City/Columbus with Classic Country |
| ID | Pocatello | 101.1 K266BY | KEII-690 Blackfoot with Talk/Sports |
| MD | Havre de Grace | 104.7 W284BE | WHGM-1330 Havre de Grace with Classic Hits |
| MN | Hinckley | 106.5 W293CS | WMIN-1010 Sauk Rapids with Adult Standards |
| MN | Hinckley | 107.3 W297BO | WXYG-540 Sauk Rapids with Classic Album Rock |
| NY | Altamont | 104.9 WINU | WENU-1410 South Glens Falls with Sports |
| NY | Potsdam | 100.1 W261CJ | WPDM-1470 Potsdam with Classic Country |
| SC | Travellers Rest | 94.1 W231CP | WSNW-1150 Seneca with AC |
| TX | Taft | 106.5 KYRK | KCCT-1150 Corpus Christi with Country |
| TX | Troup | 95.7 KTBB-FM | KTBB-600 Tyler with Talk [along with K239CB 95.7 Tyler] |
| VA | South Hill | 96.7 W244CP | WSHV-1370 South Hill with Christian AC |



— TRANSLATOR STATION AFFILIATIONS —

| | | | <u>Power (kW) / Ant Ht (m)</u> | <u>Relays:</u> |
|----|----------------|--------------|--------------------------------|--------------------------------|
| GA | Columbus | 101.7 W269CT | .22 / 110 # | WHAL-1460 Phenix City/Columbus |
| ID | Pocatello | 101.1 K266BY | .06 / 5 # | KEII-690 Blackfoot |
| PA | Narberth | 90.5 W213CA | .08 / 20 | KAWZ 89.9 Twin Falls, Idaho |
| TX | Fredericksburg | 102.1 K274CP | .25 / 111 # | KRNH 92.3 Kerrville |
| TX | Kerrville | 104.3 K282BI | .25 / 148 # | KRNH 92.3 Kerrville |
| WY | Cheyenne | 97.1 K246CI | .25 / 27 # | KOLZ 100.7 Cheyenne |



— APPLICATIONS FOR NEW TRANSLATOR STATIONS —

| | | | | <u>Power (kW) / Ant Ht (m)</u> | <u>Applicant:</u> |
|----|----------------|-------|-----|---------------------------------------|--|
| AK | Eagle River | 95.1 | APP | .25 / 84# | Capstar TX Limited Partnership [KGOT 101.3 Anchorage] |
| AZ | Peach Springs | 99.5 | APP | .25 / 260 | Donald F. Hendren [KADD 93.5 Loganville, Nevada] |
| KS | Manhattan | 93.7 | APP | .25 / 75 | University of Kansas [KANV 91.3 Olsburg] |
| KS | Manhattan | 92.7 | APP | .25 / 75 | University of Kansas [KANV 91.3 Olsburg] |
| NC | Candler | 101.1 | APP | .25 / (-) 28 | Clear Channel Broadcasting Licenses, Inc. [WQNS 105.1 Woodfin] |
| NC | Hendersonville | 102.1 | APP | .25 / 17 DA (330 - 090 & 140-290°) | Western North Carolina Public Radio, Inc, [WTZQ-1600 Hendersonville] |
| OR | Phoenix | 95.1 | APP | .25 / 26 | Mapleton Communications, LLC [KBOY-FM 95.7 Medford] |

— APPLICATIONS FOR NEW TRANSLATORS DISMISSED —

| | | |
|----|--------------|-------|
| MS | Gulfport | 101.9 |
| UT | Kanarraville | 97.1 |

Translator Antenna Heights are HAAT, except where noted # when the height is AGL

— NEW BOOSTER STATIONS GRANTED —

| | | | | <u>Power (kW) / Ant Ht (m)</u> | <u>Licensee:</u> |
|----|-----------------|-------|----------|--------------------------------|---------------------------------|
| CA | Santa Clarita | 92.3 | KRRL-FM1 | .32 / 3 DA (060°) | AMFM Broadcasting Licenses, LLC |
| CA | Santa Clarita | 102.7 | KIIS-FM1 | .21 / 3 DA (060°) | Citicasters Licenses, Inc. |
| CA | Santa Clarita | 103.5 | KOST-FM1 | .5 / 3 DA (060°) | AMFM Broadcasting Licenses, LLC |
| CA | Santa Clarita | 104.3 | KBIG-FM1 | .38 / 3DA (060°) | AMFM Broadcasting Licenses, LLC |
| CA | Sunnymead Ranch | 104.7 | KQIE-FM1 | .75 / 51 | LC Media LP |
| CA | Tracy | 101.7 | KKIQ-FM2 | .845 / 99 DA (231°) | Alpha Media Licensee II Llc |
| CO | Walsenburg | 92.5 | KCRT-FM1 | .1 / 17 DA (250°) | Phillips Broadcasting, Inc. |
| FL | St. Petersburg | 97.1 | WSUN-FM1 | .266-H/.8-V / 24 DA (187°) | Cox Radio, Inc. |

— APPLICATIONS FOR NEW BOOSTER STATIONS —

| | | | | <u>Power (kW) / Ant Ht (m)</u> | <u>Applicant:</u> |
|----|------------|------|-----------|--------------------------------|--|
| CA | Chatsworth | 99.1 | KSWV-LP-1 | .006 / 5 | Strategic International Ministries [This application is only the second on record for a 'booster for an LPFM'. The first, in 2009, was dismissed due to the FCC's cross-ownership rules of certain facilities. The applicant here cites changes in the rules since that initial ruling.] |
| PR | Mayaguez | 96.9 | WNRT-FM2 | 2.4 / 30 DA (120°) | La Voz Evangelica De Puerto Rico, Inc. |

Booster Station Antenna Heights are AGL

— NEW LPFM STATION GRANTS —

| | | | | <u>Power (kW)/Ant Ht (m)</u> | <u>Licensee:</u> |
|----|-----------------|-------|---------|------------------------------|--|
| AL | Meridianville | 107.9 | CP | .1 / 24 | Meridianville Public Radio |
| AZ | Eloy | 106.1 | KURE-LP | .0959 / 30 | Desert Rose Baha'i Institute, Inc. |
| AZ | Prescott Valley | 100.5 | KPVX-LP | .057 / 40 | St. Germaine Roman Catholic Parish Prescott Valley |
| AZ | Tucson | 93.3 | CP | .05 / 26 | Stop Abortion.org, Inc. |
| AR | Clarksville | 97.5 | KQLO-LP | .1 / (-) 5 | Johnson County Community Radio Inc |
| AR | Tontitown | 107.3 | CP | .1 / 29 | Total Life Community Education Foundation |
| CA | Bakersfield | 94.5 | KBFE-LP | .091 / 32 | Palabra De Fe |
| CA | Cupertino | 92.9 | CP | .01 / 93 | Foundation for a Beautiful Life |
| CA | San Diego | 93.7 | KCZP-LP | .038 / 48 | San Diego Catholic Radio, Inc. |
| CA | San Jose | 92.7 | KCXU-LP | .05 / (-) 142 | Center for Careers and Training |
| CA | Winterhaven | 105.1 | KUAV-LP | .05 / (-) 2 | Ah-Mut Pipa Foundation |
| FL | Boca Raton | 101.1 | CP | .029 / 55 | All Media Services of America Inc |
| FL | Fort Lauderdale | 92.7 | CP | .013 / 63 | Hollywood Brothers Helping Others, Inc. |
| FL | Fort Myers | 99.7 | WPIL-LP | .232 / 61 | Premiere International Cares, Inc |

| | | | | |
|-------------------|--------------------|---------|-------------|---|
| FL Live Oak | 98.7 | WMOF-LP | .1 / 30 | Charles F Martin Ministry, Inc. |
| FL Merritt Island | 93.1 | CP | 100 / 28 | East Coast Christian Center Inc. |
| FL Miami | 103.9 | CP | .052 / 32 | The Zoo Art Radio Inc |
| FL Orlando | 96.1 | CP | .1 / 30 | La Mision, Inc. |
| FL Palm Bay | 105.7 | WECA-LP | .1 / 17 | New Birth F. Baptist Church, Inc. |
| FL Rockledge | 92.9 | CP | .0893 / 32 | Rockledge Church of Christ |
| FL St. Petersburg | 99.1 | CP | .1 / 22 | Caribbean Festival Association (Carifesta), Inc. |
| FL Sarasota | 101.1 | WUDN-LP | .09 / 32 | Unidos Now |
| GA Valdosta | 104.7 | CP | .085 / 33 | Echo Broadcasting Network, Inc. |
| MI Kalamazoo | 93.1 | WKSA-LP | .1 / 30 | Kalamazoo Seventh-day Adventist Junior Academy |
| MS Jackson | 107.9 | WJXC-LP | .1 / 30 | Mississippi Catholic Radio, Inc. |
| MS Laurel | 103.1 | WAUJ-LP | .1 / 26 | Original Worship Ministry |
| MO Springfield | 98.1 | CP | .043 / 46 | Drury University |
| NH Littleton | 103.1 | CP | .1 / (-) 21 | Radio America Media, Corp. |
| NJ Kearney | ¹ 95.9 | CP | .1 / 3 | Gospel Light Prayer Church Inc |
| NJ Maplewood | ¹ 95.9 | CP | .1 / 3 | Caribbean Sports International, Inc. |
| NJ Wayne | ¹ 95.9 | CP | .027 / 57 | Preakness Valley United Reformed Church |
| NY Rochester | 97.1 | WEPL-LP | .0569 / 40 | Ibero American |
| OR Hermiston | 105.9 | KOLH-LP | .1 / 23 | Our Lady of Angels Catholic Church of Hermiston, Inc. |
| OR Portland | ² 100.7 | KRJJ-LP | .1 / 3 | Jehovah Jireh International Mission |
| OR Portland | ² 100.7 | KBSF-LP | .1 / 3 | Slavic Community Center of NW, Inc (SFC) |
| OR Portland | ³ 105.5 | CP | .1 / 7 | The Reed Institute |
| OR Portland | ³ 105.5 | KXRU-LP | .1 / 30 | Portland Russian Media Center |
| PA Philadelphia | 98.5 | WQEW-LP | .1 / 28 | Greater Philadelphia Asian Culture Center, Inc. |
| TN Carthage | 100.5 | WHIC-LP | .1 / 30 | Cornerstone Baptist Church |
| TN Ooltewah | 106.1 | WDSJ-LP | .0074 / 107 | Daystar Media, Inc. |
| TX Austin | 94.1 | CP | .067 / 37 | North Austin Community Media |
| TX Houston | 92.5 | CP | .1 / 30 | Fundacion Arte Catolico Cristiano |
| TX Pasadena | 99.5 | CP | .1 / 27 | New Wine Church International Ministries, Inc. |
| TX Terrell | 95.5 | CP | .1 / 21 | Terrell Independent School District |
| TX Pharr | 100.7 | KPDW-LP | .026 / 58 | Iglesia Poder De Dios |
| TX San Antonio | 101.5 | CP | .08 / 34 | Lighthouse Network, Inc. |
| WA Seattle | 96.9 | KODX-LP | .038 / 49 | Earth On-the-Air Independent Media |
| WA Seattle | 105.7 | KVRU-LP | .1 / 6 | Southeast Effective Development |
| WI Waupaca | 96.3 | WILW-LP | .1 / (-) 12 | City of Waupaca |

¹ - Gospel and Caribbean share transmitter and antenna, while Preakness has it own facilities; all share the week's time

² - JJIM and SFC share transmitter and antenna, to be located at JJIM site, sharing the week's time

³ - PRMC's programming will be from 0400-1600 daily; TRI's programming will be from 1600-0400 daily

— APPLICATIONS FOR NEW LPFM STATIONS —

| | | | <u>Power (kW)/Ant Ht (m)</u> | <u>Applicant:</u> |
|----------------|------|-----|------------------------------|----------------------------|
| TX Brownsville | 96.5 | APP | .01 / 91 | 94.9 Media Foundation, Inc |

LPFM antenna height is HAAT, except where noted # when it is AGL

— LPFM PETITIONS FOR RECONSIDERATION SUBMITTED —

| | | | | | |
|----------------------|------|-----------------|-------|------------|-------|
| CA Cupertino | 92.9 | MA Westhampton | 97.5 | TX Odessa | 94.1 |
| CA Los Gatos | 92.9 | MA Williamsburg | 97.9 | WA Edmonds | 107.3 |
| FL Altamonte Springs | 99.7 | OR Gresham | 100.7 | WA Renton | 101.1 |
| FL Jacksonville | 98.5 | TX Austin | 94.3 | | |
| FL Orlando | 99.7 | TX Brownsville | 94.9 | | |
| FL Orlando | 99.9 | TX Garland | 92.9 | | |

— INFORMAL OBJECTIONS FILED AGAINST LPFM APPLICATIONS —

| | | | |
|--------------|-------|--------------|-------|
| CA Cupertino | 92.9 | OR Pendleton | 100.7 |
| FL Live Oak | 98.7 | OR Portland | 100.7 |
| OR Gresham | 100.7 | | |

— LPFM APPLICATIONS DISMISSED —

| | | | | | |
|-----------------|-------|------------------|-------|--------------|-------|
| CO Boulder | 95.1 | MD Ellicott City | 92.7 | OR Portland | 100.7 |
| IN Indianapolis | 104.9 | MI Grand Rapids | 104.9 | TX Houston | 104.5 |
| IN South Bend | 93.9 | OR Gresham | 100.7 | WA Vancouver | 100.7 |

— OTHERNEWS —

| | | | |
|-------------------------|-------|---------|---|
| AK Hope | 105.3 | K287AO | License cancelled; call deleted |
| AS Pago Pago | 104.1 | K281AY | License cancelled; call deleted [non-operational for over one year] |
| AZ Mesa | 99.1 | KOWO-LP | Changes frequency from 106.7 |
| AR Batesville | 94.7 | K234AC | License cancelled; call deleted [non-operational for over one year] |
| CA Banning | 88.1 | KRTM | Changes CoL from Yucca Valley |
| CA Frazier Park | 93.3 | KFPF-LP | Changes frequency from 104.1 |
| CA Helendale | 91.7 | KCIY | License cancelled; call deleted |
| CA Huron | 98.3 | KZLA | Is silent |
| CA Laytonville | 89.7 | K209EU | License cancelled; call deleted [non-operational for over one year] |
| CA Pine Mountain Club | 106.9 | KCPK-LP | Changes frequency from 97.9 [station has not yet signed on] |
| CA Tulare | 91.9 | KPSV-FM | Is silent |
| CO Canon City | 93.3 | KOAV-LP | License cancelled; call deleted per licensee's request [station failed to sign on] |
| CO Grand Junction | 92.7 | K224CS | License cancelled; call deleted |
| CO Pueblo | 97.3 | K247BP | Changes CoL from Silver Cliff |
| CO Rifle | 90.9 | KRJX | Is silent |
| CO Rifle | 106.3 | K292CY | Changes CoL from Rifle and Avil Point |
| FL Everglades City | 88.1 | WBGY | Is silent |
| FL Gainesville | 98.1 | WMBT-LP | Changes frequency from 96.5 [station has not yet signed on] |
| FL Horseshoe Beach | 94.7 | CP | New Class C3 station granted with 25 kW/100 m at 29-31-37/83-14-16 [Florida Community Radio, Inc] |
| ID Twin Falls | 92.1 | K221FT | Changes CoL from Filer |
| IL Chicago | 98.3 | W252AW | Changes CoL from Ridgefield |
| IL Galena | 90.1 | WGLA | License cancelled; call deleted per licensee's request |
| IL Lake Villa | 89.1 | W206AI | License cancelled; call deleted [non-operational for over one year] |
| IL Peoria | 101.9 | WCUA-LP | License cancelled; call deleted |
| IL Spring Grove | 88.1 | W206AI | License cancelled; call deleted |
| IN Cole | 88.5 | WHUZ | Is silent |
| IN Morgantown | 90.9 | WCJL | Is silent |
| IN Muncie | 101.5 | W268BJ | Is silent |
| IA Winterset | 101.7 | KPUL | Changes frequency from 99.5 |
| KS Beloit | 107.5 | KKSJ-LP | Is silent |
| MA Concord | 88.3 | WIQH | Is silent |
| MI Adrian | 90.1 | W211BQ | License cancelled; call deleted per licensee's request |
| MS McLain | 96.9 | WXAB | License cancelled; call deleted |
| MO Cape Girardeau | 103.7 | KDMC-LP | License cancelled; call deleted per licensee's request |
| NV Reno | 96.9 | K245BV | Changes CoL from Incline Village |
| NH Bristol | 95.9 | W240CS | Changes CoL from Hebron |
| NM Carlsbad | 90.3 | KLRS | Changes frequency from 90.1 |
| NM Truth or Consequence | 93.3 | K227BA | License cancelled; call deleted |
| NY Arcade | 104.9 | W285EZ | Changes CoL from Eagle |
| NY Warwick | 99.9 | W260CI | Changes CoL from Middletown [station has not yet signed on] |
| NC Pine Knoll Shores | 92.7 | WBNK | Is silent |
| NC Rolesville | 98.1 | W251CA | Changes CoL from Wake Forest |
| OR Bend | 92.1 | K221EY | License cancelled; call deleted |
| OR Grants Pass, etc. | 91.3 | K217BZ | License cancelled; call deleted [non-operational for over one year] |
| OR Newburg | 96.3 | KQSO-LP | License cancelled; call deleted |
| PA Cochranton | 89.9 | W210AR | License cancelled; call deleted |
| PR San Juan | 101.1 | W266CF | Changes CoL from Carolina |
| TN Chattanooga | 90.9 | W215BH | Changes CoL from Daisy |
| TN Chattanooga | 104.7 | W284AE | Changes CoL from Orchard Hills, Georgia |
| TN Crossville | 97.7 | W249DA | Changes CoL from Double Springs |
| TX Abilene | 89.5 | KACU | Changes frequency from 89.7 |
| TX Alvin | 104.5 | K283CH | Changes CoL from Hitchcock |
| TX Baird | 96.5 | KBBB | License cancelled; call deleted |
| TX Fredericksburg | 102.1 | K271CH | Changes CoL from Kerrville |
| TX New Boston | 103.5 | KZRB | Fined \$1500 for failing to file a license renewal application |
| TX Tomball | 95.3 | KTTF-LP | Changes frequency from 95.1 [station has not yet signed on] |
| TX Troup | 97.5 | KTBB-FM | Changes CoL from Rusk and frequency from 97.7 |

| | | | |
|-----------------------|-------|---------|---|
| TX Tyler | 97.5 | K248CC | Changes CoL from Lindale |
| UT Logan | 101.7 | KXUT-LP | Is silent |
| UT St. George | 100.3 | KDXI-LP | Changes frequency from 95.3 |
| VA Blacksburg | 100.1 | W261AN | License cancelled; call deleted [non-operational for over one year] |
| VA Gore | 90.1 | WVRS | Is silent |
| VA Williamsburg | 102.5 | WRRW-LP | License cancelled; call deleted |
| WA Aberdeen | 105.3 | KCFL-LP | Changes frequency from 105.1 |
| WA Mukilteo | 101.9 | KCSC-LP | Changes frequency from 100.3 [station has not yet signed on] |
| WI Sparta | 101.9 | W270CO | Changes CoL from La Crescent, Minnesota |
| WY Glenrock | 98.5 | KGRK | Is silent |
| WY Hudson | 102.9 | KXWY | Is silent |
| WY North Rock Springs | 101.9 | KXJW | Is silent |
| WY Reliance | 98.7 | KWXR | Is silent |
| WY Rolling Hills | 97.7 | KCYA | Is silent |
| WY Shoshoni | 97.1 | KTWY | Is silent |

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



IT'S TIME TO REGISTER FOR THE 2015 FORT WAYNE DX CONVENTION!

We're now less than two months away from our big joint gathering hosted by IRCA, NRC, WTFDA and DecalcoMania, July 10-12 in fabulous Fort Wayne, Indiana - and registration is now open.

Your \$55 registration fee includes:

- Tours of area radio and TV facilities
- Educational sessions with top DXers
- Snacks and beverages (liquid, not wire!) in our meeting room
- Saturday night banquet catered by Hall's, one of Fort Wayne's top restaurateurs
- Convention program

You can register by check/money order (made payable to "National Radio Club" and sent c/o Scott Fybush, 92 Bonnie Brae Ave, Rochester NY 14618) or PayPal on the front page of www.nrcdxas.org. (A small additional convenience fee may apply for PayPal registration.)

PLUS...

On Friday night, July 10, we've arranged a special group rate to see the Fort Wayne Tincaps, the class A affiliate of the San Diego Padres, take on the Great Lakes Loons at Fort Wayne's new downtown ballpark, Parkview Field! Your \$30 ticket includes a buffet dinner - there's no better bargain in baseball.

If you'd like to purchase a ticket, please contact Lisa Fybush at lisa@fybush.com or send a \$30 check/money order (made payable to "Lisa Fybush") to 92 Bonnie Brae Ave, Rochester NY 14618.

*****REGISTRATION FOR THE CONVENTION AND FOR THE BALLGAME IS DUE BY JUNE 20!*****

Our hotel will be Don Hall's Guesthouse, 1313 W. Washington Center Road, Fort Wayne IN 46825 and our specially negotiated rate is \$85 per room per night. That includes comfortable lodgings and a very tasty breakfast buffet each morning. The hotel is conveniently located right off I-69, the main drag through Fort Wayne.

Reservations for the hotel are due by *****JUNE 10, 2015***** and must be made directly with the hotel by calling 260-489-2524 or 1-800-348-1999.

The Group Number is 7110. PLEASE BE SURE TO GIVE THE GROUP NUMBER TO MAKE SURE WE ARE PROPERLY CREDITED FOR ALL THE ROOMS THE CLUBS ARE USING!

Once you've made your reservation, please drop me a line at scott@fybush.com so I can keep track of who's staying with us.

Our convention will get under way on Friday, July 10, with afternoon station tours and educational sessions. We'll leave the hotel at 6 to go downtown for the baseball game, if you're going. (If not, the meeting room and hotel restaurant will be open, and there are numerous other restaurants close to the hotel as well.)

On Saturday, July 11, we'll have additional station tours and educational sessions during the day, followed by our banquet, auction and club business meetings in the evening. The meeting room will be open afterward for informal DX bull sessions!

On Sunday, July 12, we'll have our famous DX Quiz in the morning, before heading our separate ways. (There may be another tour or two as well, if anyone's interested.)

If you are planning to come to the convention with your family (or are trying to figure out your summer vacation plans), summer is the peak time to visit the Fort Wayne area. The annual Three Rivers Festival kicks off July 11 with a parade and continues for nine days with a variety of activities.

Fort Wayne also has a nationally renowned Children's Zoo, a historical society, an art museum and a botanical garden. If you are interested in any nonradio activities for yourself or your companions, please get in touch with Lisa at 585-442-5411 or lisa@fybush.com and tell her what sounds fun. If there's something else that sounds fun, tell her that, too. This is not a comprehensive list. Lisa will coordinate any extraconventional activities.

Please send donations for the auction to Blaine Thompson, 6523 Emmons Drive, Fort Wayne IN 46835 - or bring them to the convention with you!

In addition to easy road access from much of the country, Fort Wayne is accessible by most major airlines and Greyhound bus. Amtrak serves Waterloo, Indiana, about half an hour away from the convention hotel. Please let us know as soon as possible if you'll need to be picked up at the airport, bus station or train stop. The hotel is just off I-69 and has plenty of free parking.

ANY QUESTIONS?

Registration, convention schedule, hotel or transportation: Drop me a line at scott@fybush.com

Ballgame or family activities: Drop Lisa a line at lisa@fybush.com

Educational program: If you'd like to speak or have an idea for a talk, contact Mark Durenberger

at mark4@durenberger.com

SEE YOU IN WOWO-LAND!



Coast to Coast TV DX

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

Send reports by the 15th of each month to:

Nick Langan

42 Holly Park Drive

Tabernacle, NJ 08088

E-mail: nickl@wtfda.org

The Editor's Note

It's not for the faint of heart. After we wait 9 months to get the chance to scan the bands for the signals via E-Skip that cause us to keep coming back for more, what happens? Well, in the case of May 2015, not much. A solid but short opening linked the east coast with the deep south on the 14th. Texas and the plains states had a respectable event on the 28th. And portions of the west coast were serviced with a decent MUF event on the 17th. Conditions have been utterly dormant across the board otherwise. A few members on the WTFDA online bulletin board deemed this the worst May for Es they could recall. Others have commented that with the absence of so many analog TV signals, events may appear lesser than they are in reality, with so few low MUF targets to gauge the quality of an opening. There is certainly truth to that, but particularly following a couple of below average seasons, the trend does not seem to be our friend. Will the law of averages bring a correction for June?

We welcome a new reporter to the column this month – Doug Allen from Windmill Hill, SC. Enjoy!

Bob Seybold

1865 W. Main Rd.
Silver Creek, NY 14136

Nick:

Here is a short report as there have been a few openings but no super openings. The news from here is that I was involved in a serious car accident (very sorry to hear that! –NL). I am gradually recovering from 6 broken ribs, broken collarbone and bruises. Vehicle was totaled but I am getting around but no driving at all. I am surviving somehow. I was in the hospital March 17 – April 17 and under some home care and therapy. Hearing from anyone would be nice.

Now to DX. Recent warm spell brought Canadians out to 200 miles and some Detroit signals in, Toledo signals, Rochester, Batavia signals but no

long haul signals. Slight spurts of E-skip but no ID's.

Best of DX to All

Glenn Hauser

Enid, OK

* MEXICO. Sporadic E TV DX with several stations competing on channel A2 --- and still in analog, for a little while longer from deep inside Mexico. My antenna remains stuck almost southward so good for part of Mexico. All times UT on May 16:

1433 on 2, turn on to find opening in progress with lucha libre, among other CCI; there is a bug in upper right, looks like one or two words of text on one line. Very likely TELEACTIVA which means XEFB-TV Monterrey NL is still on. Reference: <http://tvdxtips.com/mexlogosch2.html>
Beware however that Azteca 13 net bug is now the word TRECE

1453 on 2, retune just in time to catch tail of promo with big 55, and audio mentioning 55 aniversario de Telecentro de Guadalajara, so XEWO-TV is still on too! Back to lucha libre, with Huracán Ramírez, apparently post-produced rather than live. (This station a.k.a. MASVISION, +v as bug but unconfirmed this time.)

1504 on 2, net 5 Televisa bug in LR, animation, but which transmitter?

1506 on 2, different bug in LR, small circular --- yes, it's the Televisa net-2 star, but which transmitter? XEW-TV DF itself?

1510 on 2, ``Las 7 de la Mañana`` visual promo, play on numbers as net/program name, and/or the time it is on; if so, a very long program as now it's after 10 am CDT. Usual assumption for Azteca net-7 from the south is XHTAU in Tampico, so still on? If we had definite info about which low-band stations are gone to DTV on UHF as of any given date, we could eliminate some possibilities.

1521 I check the 6m Es map, and as usual, shows hardly any ham contacts to Mexico, just a single one in the NE corner. Most of the Es is over central US centered over Memphis TN.

1524 on 2, movie? with definite Televisa-2 star bug in LR

1528 on 2, Info 7 promo mixing with music from net-2 (?)

1533 on 2, 7 bug in LR dominates briefly

1545 on 2, Televisa net-5 bug in LR, not much left by 1600

1629 on 2, animated 7 logo fades in briefly, nothing more by 1745. Second set with antenna split on ch 3 and 4 never got anything (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. Another sporadic E analog TV DX opening Sunday May 17 into UT May 18, all times UT, C-490 antenna aimed about 175 degrees:

1954 on 2, fade/in Spanish mentioning the year 1961 and `Fórmula Uno`; not a line on the 6m Es map; another brief fade-in at 2003.

2222 on 2, fade/in CCI including +v logo on full screen = Más Visión XEWO-TV Guadalajara; also f (Televisa-4 net) bug in LR, maybe different station. One of the stations with fútbol game, with a red-bordered text bug partly off-screen in UR corner, surely TELEACTIVA = XEFB-TV Monterrey.

2242 on 2, +v Más Visión ID again and full screen notice: ``Este canal puede verlo en Canal Digital 26``, so for now simulcast, but boding ill for the DXer a kilomile away. Then promo for an apparent student quiz show. 2243 back to silly ballgame, surges and fades. References by narrator to ``el chileno``, presumably a well-known player.

2255 on 2, during soccer game, tiny oval bug in LR, probably generic TELEVISIA for deportes.

2310 on 3, MUF up a bit, with a different fútbol game

2325 on 3, still FB game, little QRM, while 2 has CCI

2337 on 2, still f bug in LR, not a game; but CCI

2340 on 2 // 3, same game now, mentions Copa América; star bug in UR, Televisa net 2

2350 on 3, promo for Televisa Deportes on both canales 2 y 5; game here surges to snow-free, net-2 star in UR

2354 on 4, fade-in video only, closeups of YLs in conversation, one captioned as Ruth de Gells (?), documentary? A text bug in UR is mostly off-screen on both sets

UT May 18:

0029 on 2, still heavy CCI; and on 3 some signal; 0030 algo on 4

0049 on 2, CCI including SBG

0051 on 3, game coverage mentions Guadalajara (tho this channel itself would not be direct from there)

0134 on 2, docu film caption says San Quintín, Baja California

0150 on 2, docu maybe about drug war, mentions Nayarit, etc.

0214 on 3, still fútbol

0229 on 2, still soccer

0254 on 2, studio variety show from Televisa; mostly gone after 0300 (Glenn Hauser, OK, WORLD OF RADIO 1774, DX LISTENING DIGEST)

** MEXICO. Sporadic E analog TVDX May 22, all times UT:

1658 on 2, fade-in algo, graphic says \$100,000 but that could mean pesos as well as dollars (normally abbr'd dls in Mexican usage). Very little audio so not positive it's Spanish instead of English off the back from any Canadian left; 6m Es map shows nothing but one little contact from TX to FL. Fades out by 1701, when I have to go out.

1903 on 2, I'm back to find lots of CCI, including Spanish audio, and also signs of video on 4. 6m map now shows only a couple paltry contacts, SoCal to NE Mexico and to NE New Mexico.

1913 on 2, now one is better and dominating, old movie/drama with continuous text bug in UR, probably TELEACTIVA = XEFB Monterrey but can't read it to be sure. At 1919, actor wears a fedora and looks like Cantinflas in a scene with a child

1938 on 2, brief surge of stock report with grafix, presumably a different station, then mostly outfaded (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO [and non]. Channel 2, at turn-on May 28, 1456 UT, weak signal looks like Es and it's fading some --- NO, it's cable radiation (I have too many amps, splitters, cables and devices!) of KAUT RF 40, ``43`` as still on Suddenlink analog cable 2 viewed // on another set. However:

1510 UT May 28 on 2, now there really is Es from Mexico, making almost zero-beat with cable rad, and overcoming it, or producing low-audible heterodyne of the video bleeding into the audio (may we assume that all analog cable channels are precisely zero-offset? No need to be otherwise).

Clearly visible is digital clock in lower right reading CDT a minute slow: at 1510 UT, 10:09; at 1512 UT, 10:11! It's a studio chat between standing W & M, I suspect something about fashion the way she is displaying. On the backdrop is the word CALLE, presumably show or segment title. Finally at 1513 UT I tentatively make out the Gala swirl bug partly off-screen in the extreme lower right corner beyond the clock; and then fades out.

Oh oh, it seems that w9wi.com has deleted all Mexican listings on channel 2, probably all channels! He does have linx to Cofetel, but those don't work; nor to Cantú, which is still inaccessible and maybe closed permanently. That leaves us with maps such as this:

<http://www.dxinfocentre.com/TV2.pdf>

incomplete geographically and likely outdated too, but some Televisa 9's on 2 include XHHMA in Sonora and XHAGU in Aguascalientes --- but Gala programming is typically also relayed by Televisa-local channels.

A bit of googling suggests that XHY-TV in Yucatán, a.k.a. Gala TV Mérida, debuted in January 2014, a 9 am-1 pm show called ``Calle 60``. XHY is a not uncommon catch here, and not far off my antenna heading. At peak I was also getting something on channel 4, but not 3, which also fits for Mérida.

6m Es map is now showing only TX to FL east-west contacts, including a couple from NE Mexico to FL, but I am getting north-south (roughly: antenna stuck about 170 degrees so can't jockey it for a better reading of source). (Glenn Hauser, OK, DX LISTENING DIGEST)

Ed, NN2E in Otis, Kentucky, also logged XHY at ``10:29`` with a photo and Gala bug May 28: <http://forums.wtfd.org/showthread.php?9753-XHY> (Glenn Hauser, DX LISTENING DIGEST)

Doug Smith W9WI

Pleasant View, TN

www.w9wi.com

7 April 2015 Tr

1055 31 WLMT TN Memphis (169)

12 April 2015 Tr

0810 51 WMYO IN Salem (150)

0829 47 WAVE KY Louisville (152)

0843 30 WKOH KY Owensboro (101, only 63kw)

11 May 2015 Tr

0831 50 WBRC AL Birmingham (201)

0846 26 WTJP AL Gadsden (182)

14 May 2015 Tr

1557 29 WKNO TN Memphis (175)

1557 28 WREG TN Memphis (175)

1602 51 WPXX TN Memphis (173)

2157 26 KPLR MO St. Louis (232)

2157 24 KMOV MO St. Louis (229)

2201 35 KSDK MO St. Louis (232)

2204 48 KVTJ AR Jonesboro (199 NEW)

2317 43 KTVI MO St. Louis (232)

15 May 2015 Tr

0043 31 KDNL MO St. Louis (232)

0132 19 WUSI IL Olney (177 NEW, only 46kw)

Doug Allen K4LY

Windmill Hill, SC

5/4/15

After putting the little \$31, 22" Esko antenna on the roof Saturday, 30' above ground, I had a little enhancement SE Sunday morning, ch 24 WTAT, Charleston, at 202 miles. This morning we were barely in what appeared to be pretty good enhancement east of us and locked on the stronger Raleigh, Durham, Winston-Salem stations and one new one, WUVC, ch 36, Univision in the

Fayetteville area at about 179 miles. I'm 200 miles NE of the closest Atlantic Ocean waters near Charleston, and 300 miles from the Atlantic to my east, so don't get the coastal openings. I'm surprised how some stations during the morning enhancements have been very strong (for example ch 29 WXLV Winston Salem at 140 miles has boomed in here 4 mornings out of 9) and others with similar power/HAAT are too weak to verify.

Our most common tropo here is south to Florida, but none so far since I put the little TV antenna up. I'm now using an Insignia converter which is much less frustrating than the digital Stream.

5/7/15

20 WUND Edenton, NC 312 miles

24 WTAT Charleston, SC 203 miles Seen 4th time in 11 days.

Other new stations are-

19 W19CR PBS Tryon, NC 12 miles

38 WSQY-CD Paris Mtn. 19 miles LOS Apparently W28DD, also LOS on Paris Mtn, is NOT operating-no signal.

46 WSOC-ST Statesville, NC

Total stations now 48 using the 22" Esko \$31 amplified antenna.

I now have the Esko antenna at 50' on tower about 16' below my KLM 18LBX 144 Mhz antenna. What will happen to the Esko preamp when I run 800 watts (30 KW ERP)? We'll find out!

I have put an old Antennacraft UHF corner reflector LP on the chimney at 27', using a Winegard LA200 preamp for manual DXing and will use the Esko antenna for Rabbit Ears Live Band Scans when I get my Homerun tuner set up. The Esko has almost the forward gain of the Antennacraft, but a wider beamwidth and worse F/B.

I have been using NCJay's Live Bandscan from Wake Forest, NC to know what to look for up that way.

I have one UNID station- ch 26 (38 psip) running ION program. Anyone know here it could be?



Southern FM DX

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099
southernfmdx@wtfd.org – Deadline: 15th
August 2014

Ryan Grabow - Fort Myers, FL - egrabow.com/dx

Sony XDR-S10HDiP and Sangean ATS-909X. AntennaCraft FM6 yagi (my "indoor" antenna).
Underlined stations are new. Times are eastern, distances in miles/kilometers. Stations under 250km
omitted unless new or rare.

3/3 Tr

0000 WAFC 106.1 FL Okeechobee, Spanish 77/124

3/9 Tr

2330 WOKV 104.5 FL Atlantic Beach, talk 257/414

3/27 Tr

0000 ZNS-1 104.5 BH Freeport 197/317

0030 WLRN 91.3 FL Miami, HD lock 112/180

0040 WEDR 99.1 FL Miami, HD calls 111/179

0040 WKIS 99.9 FL Boca Raton, "Kiss Country," analog and HD 113/182

0040 WMIB 103.5 FL Fort Lauderdale, analog & HD calls 111/179

0100 WAXY 104.3 FL Miramar, "The Ticket," analog & HD 112/180

0100 WHQT 105.1 FL Coral Gables, "Hot 105," analog & HD 111/179

0110 WXDJ 106.7 FL Fort Lauderdale, HD lock only 113/182

0110 WFLC 97.3 FL Miami, HD calls only 111/179

4/3 Tr

0030 KWMZ 104.5 LA Empire, "Z 104.5" 528/849

5/9 Tr

0045 WWRM 94.9 FL Tampa, analog and HD 90/145

0100 WZFR 104.5 FL Eastpoint, "Faith Radio Network" 286/460

0100 WASJ 105.1 FL Panama City Beach, "Bob FM" 345/555

2030 WKNK 103.5 FL Callaway, "Kickin' 103.5" 333/535

2050 WTXI 94.3 LA Galliano, "Tix FM" 528/849

2100 WWAV 102.1 FL Santa Rosa Beach, "The Wave" 392/631

5/10 Tr

0040 KWMZ 104.5 LA Empire, "Z 104.5" 528/849

0100 WABDt 97.5 AL Mobile 460/741

Not much to brag about so far this year, my second as an FM DXer. Strong enhancement across the peninsula allowed several first-time HD locks from Miami, and that was the only highlight for a while (not much to base my "2015 Tropo Season" YouTube video on), but fortunately early May saw some Gulf tropo. I managed two new catches from the Panama City area. I'm anxious for the e-skip to start.
73s



DX Bulletin Board Loggings

for May 2 thru 30, 2015

wtfdadxbb.vci.net

| Date/Time (UTC) | Message |
|-----------------|--|
| May 30 01:37 | Not even a fade-up on FM. Worst May ever... de Saul ON FN04 |
| May 30 00:49 | Es ? religion weak on 90.3, don't usually get that mixing in. But weak. de Saul ON FN04 |
| May 29 17:30 | Es XHY 2 Merida w Gala / Merida logo l/r de Ed W-KY EM56 |
| May 29 16:19 | Es Mex 2z w Net 7 logo u/r. Pgm called, 'Plan B.' de Ed W-KY EM56 |
| May 29 15:12 | Es DTV 2 pilot weak in & out ant. W de Dave-N PA FN01qx Ms - 90.1 WMPR MS Jackson with long burst with gospel music group names, praisinthehouse.com underwriter at 662-753-6806 and 90.1 WMPR ID, Weak long burst took awhile to figure out. de Saul ON FN04 |
| May 29 14:54 | Tr 107.9 WVPS Burlington, VT solid HD lock 198 miles de dtvdexer NY FN31 |
| May 29 14:32 | Ms Can 2- w CTV AM pgm. HUGE meteor burst. Lasted abt 3 min. Big Doppler shift on initial ping. de Ed W-KY EM56 |
| May 29 10:51 | Es 2- w MTY logo l/r... XHCNL Saltillo? de Ed W-KY EM56 |
| May 29 06:29 | Es XEPM 2 is back... de Ed W-KY EM56 |
| May 29 05:46 | Es 3z Mex w Gala logo l/r & Novella pgm de Ed W-KY EM56 |
| May 29 05:30 | Es Mex 2z w Net 7 logo u/r. DTV 2 pilot still in de Ed W-KY EM56 |
| May 29 05:28 | DTV 2, 3 & 4 hv remained at sub-d levels for 4 hours. ugh. de Ed W-KY EM56 |
| May 29 05:03 | Es hearing NM & UT 6M bcns de Ed W-KY EM56 |
| May 29 04:53 | Es DTV 2 & 3 pilots bmg W de Ed W-KY EM56 |
| May 29 01:03 | Es Mex 3z w Gala logo l/r de Ed W-KY EM56 |
| May 29 00:43 | Es XEPM 2 Cd Juarez w 'Tu Canal' logo + time & temp l/r de Ed W-KY EM56 |
| May 29 00:39 | Es ch2 weak, fluttering to my SW, Mexico? de jpizzi NY |
| May 29 00:35 | Es - Mexico UNIDs - ch 2-Televisa - ch 4-Trece UL - brief UNID-89.1 SS music de Fred SC FM03af |
| May 28 17:49 | Es XHY 2 Merida de Ed W-KY EM56 |
| May 28 15:30 | Es 2z XHCAM Campeche is the infomercial stn. Text ID u/l de Ed W-KY EM56 |
| May 28 14:59 | Es 2z Mex is now trying to sell me a "Rocket Hose" 15 metre garden hose... 01-800-120-6214 if you want to order one. de Ed W-KY EM56 |
| May 28 14:45 | Es Mex 4 w Net 5 & cartoon de Ed W-KY EM56 |
| May 28 14:29 | Es Mex 2z is trying to sell me "FlavorStone" cookware... infomercial de Ed W-KY EM56 |
| May 28 14:23 | Es 2 Mex.. hv seen XEW Net, Net 5, and Foro Net. de Ed W-KY EM56 |
| May 28 13:53 | Es Cuba might be in, too... hring ballgame... "Coobah" vs Puerto Rico ch 2 de Ed W-KY EM56 |
| May 28 13:51 | Es 2 & 3 Mex de Ed W-KY EM56 |
| May 28 13:12 | Es - UNID-2 weak carriers on all 3 offsets - likely Mexico - No Tropo noted here - de Fred SC FM03af |
| May 28 12:38 | Ms 88.5 WBOJ Lumpkin. GA RDS 823 mi de Jeff ON EN93fo |
| May 28 01:22 | Tr 89.7 WHND Sister Bay, WI strong legal ID 297 mi de Jeff ON EN93fo |
| May 28 01:01 | Es weak DTV 3 & 4 pilots bmg n-e de Ed W-KY EM56 |
| May 27 15:05 | Es CIII2-+ Bancroft ON - ET promo at 1000edt 9831 mi) de Fred SC FM03af |
| May 27 14:06 | Es WLBZ 2 Bangor, ME 1166 mi de Ed W-KY EM56 |
| May 27 13:49 | |

May 27 02:29 Es weak 2z & 3z w SS bmg Mex de Ed W-KY EM56
May 26 03:04 Es 75 weak aero beacons - de WRH ON FN03
May 26 02:08 Es 2 DT west - de WRH ON FN03
May 26 00:58 Es 89.9 WMAB Mississippi State, MS "Think Radio" "MPB" first skip noted de dtvdexer NY FN31
May 26 00:42 Es 91.9 WSIU Carbondale IL HD de w2njl NJ FM29
May 26 00:39 Es 100.9 WEIO Huntingdon TN RDS de w2njl NJ FM29
May 25 00:24 Es analog channel 2, either Cuba or Mexico, too weak to catch any info de Andrew K Copley, OH
May 24 22:34 Ms 88.5 KLHV Cotton Valley, LA RDS 998 mi de Jeff ON EN93fo
May 24 21:18 Es 89.5 WAYJ "Way FM" fade up with commercials for WAY-FM supporters in Ft Myers area de dtvdexer NY FN31
May 24 20:35 Es weak DTV 2 & 4 pilots bmg n-w de Ed W-KY EM56
May 24 17:30 Es UNID several Relig Swappers on 88.5 and 90.1 to the S/W de Rob-VA3SW ON EN92
May 24 15:17 Ms 2+ (59.76) EE bmg n-e... CIII Bancroft maybe de Ed W-KY EM56
May 24 14:56 Es heard San Antonio TX on 6M de Ed W-KY EM56
May 24 14:55 Es weak sigs on 3 & 4 SS... prob Mex de Ed W-KY EM56
May 24 14:39 Ms 88.1 Native American chanting, probably KGBA Fort Belknap Agency MT (heard previously) de Jim-T MO EM37
May 24 14:20 Es very weak TV 4, sounded like female opera, and flutters on 5 towards Mex. de indysteve IN EM69
May 23 23:24 Es Never got above 90.1 here...One RELOG from FLORIDA on FM...15 Minutes Recorded on ELAD on Educational Band...Maybe something on that?? d de Rob-VA3SW ON EN92
May 23 22:53 Es 88.5 unid Christian music to south de Jeff ON EN93fo
May 23 15:27 Es 75 - airport marker beacons - west - no DT pilots - de WRH ON FN03
May 23 15:21 Es KNOP... my first DTV e-skip ever!!! de Andrew K Copley, OH
May 23 15:05 Es 92.3 r & b, fades up quickly, drops out fast (doesn't sound like TrS) de Jim-T MO EM37
May 23 15:02 Es weak DTV pilot on 66.310 Mhz de Dave-N PA FN01qx
May 23 13:22 Es KNOP-2 NE de jpizzi NY
May 23 13:07 Ms 88.5 KEOM Mesquite, TX RDS 1108 mi de Jeff ON EN93fo
May 23 12:51 Es 88.1 Christian music just popped over another semi local religious station de Jim-T MO EM37
May 23 12:40 Es KNOP-2 Nebraska weak decode... as the skip begins here de dtvdexer NY FN31
May 23 12:39 Es DTV 2 subdecode de Dave-N PA FN01qx
May 23 11:27 Ms 92.5 KJJY W. DesMoines, IA 777 mi., RDS with PS, PI & PTY of Country, relog de Dave-N PA FN01qx
May 23 00:36 Tr WDBD 40 Jackson MS 337 mi de Ed W-KY EM56
May 22 23:20 Es 2z very wk carrier south - de WRH ON FN03
May 22 18:20 Es 3+ Mex de Ed W-KY EM56
May 22 18:17 Es another ch 2 has surfaced... it's Net 7 w what looked like XHTAU Tampico text ID de Ed W-KY EM56
May 22 18:00 Es 4z Mex de Ed W-KY EM56
May 22 17:51 Es XHMTS 2 Matehuala, SLP w text ID de Ed W-KY EM56
May 22 17:30 Es 2 Mex. A couple of stns, one Gala the other XEW Net,. de Ed W-KY EM56
May 21 16:55 Es XEPM 2z Cd Juarez w "Tu Canal" logo l-r & novela pgm de Ed W-KY EM56

May 21 16:41 Es might be hearing a little SS thru the Franken FM mess on ch 6 de Ed W-KY EM56
May 21 16:33 Es 4+ w bicycle race. No logo. Cuba? de Ed W-KY EM56
May 21 16:26 Es DTV 4 pilot bmg se de Ed W-KY EM56
May 21 16:22 Es up to ch 4 now de Ed W-KY EM56
May 21 15:56 Es 2z SS bmg se de Ed W-KY EM56
May 21 00:33 Ms - KJTH is House FM but sister station is "My Praise FM" and that's actually what I heard (not House) de Saul ON FN04
May 20 16:49 Tr 95.5 WSM Nashville 100 mi w no antenna connected de Ed W-KY EM56
May 20 16:33 Tropo map looks better for Indy now. Seeing sig. hits from the southeast (KY, TN, VA area) but not strong enough for decodes. de indysteve IN EM69
May 20 15:43 Tr a sub-d 3 has bn hangin' around all morning... prob WBRA Roanoke de Ed W-KY EM56
May 20 11:04 Tr WSLS 30/10 Roanoke VA 460 mi de Ed W-KY EM56
May 20 11:03 Tr WVVA 46/6 Bluefield WV 400 mi de Ed W-KY EM56
May 20 11:02 Tr WEMT 38/39 Greeneville TN 353 mi de Ed W-KY EM56
May 20 11:01 Tr WJHL 11 Johnson City TN 352 mi de Ed W-KY EM56
May 20 04:34 Tr WLWT 35/5 Cincinnati 270 mi de Ed W-KY EM56
May 20 04:24 Tr WAGV 51/44 Harlan KY 280 mi de Ed W-KY EM56
May 20 04:23 Tr WUPX 21/67 Morehead KY 275 mi de Ed W-KY EM56
May 20 02:40 Tr WATE 26/6 & WVLT 30/8 Knoxville TN 258 mi de Ed W-KY EM56
May 20 01:18 Tr DTV 34 sub-decode with antenna East, probably WSIL 34/3 Harrisburg IL @ 248 miles (would be a relog) de Jim-T MO EM37
May 19 21:48 Es Subdecode DTV channel 2 de Andrew K Copley, OH
May 19 21:20 Es 2+ w Global, again de Ed W-KY EM56
May 19 20:09 Es CFTF 4/29 Forestville, QC at 1043 miles *NEW* #370 de MikeG IN EM69
May 19 19:55 Es CHAU 3/5 Ste-Marguerite Marie, QE at 1107 mi de MikeG IN EM69
May 19 19:52 Es subdecode on ch 3 now de MikeG IN EM69
May 19 19:49 Es 89.9 KMOJ Minneapolis, MN "The People's Station", fade up, 992mi. de dtvdxer NY FN31
May 19 19:33 Es WHBF-4 Rock Island, IL, with 4.2 KGCW. First DTV skip of the season! de dtvdxer NY FN31
May 19 19:06 Es WLBZ 2/2 Bangor, ME at 957 mi de MikeG IN EM69
May 19 18:46 Es 92.3 KTTN "Classic Hit Country" Trenton, MO. Relog - 1032mi de dtvdxer NY FN31
May 19 18:42 Es 92.3 WZPW "Peoria's 92.3" Peoria, IL **NEW LOG** de dtvdxer NY FN31
May 19 18:34 Es 91.1 KSJI "Joy 91.1" St. Joseph, MO, Christian, *NEW LOG*. Maybe this skip will actually get started? de dtvdxer NY FN31
May 19 17:48 Tr 89.5 WAHS MI Auburn Hills - NEW while checking for Es, only 100 watts!!! de Saul ON FN04
May 19 17:35 Es ch 2 w SS & pgm abt baseball. Didn't see any logo so, Cuba? de Ed W-KY EM56
May 19 16:38 Es 88.5 Religious Fade Up...Preacher with a Scottish Accent to the S/W?? de Rob-VA3SW ON EN92
May 19 16:37 Es 89.5 WFIT Melbourne, FL quick Tom Petty fade up.. de dtvdxer NY FN31
May 19 12:50 Es ch2+ EE bmg N-E w Global Net de Ed W-KY EM56
May 18 11:35 Tr KTAB 24/32 Abilene TX 492 miles (relog) de Jim-T MO EM37
May 17 23:01 Tr 88.1 KNTU McKinney/Dallas TX @ 346 miles (relog) de Jim-T MO EM37
May 17 21:38 Ms 89.1 KWFC Springfield, MO RDS 745 mi de Jeff ON EN93fo

May 17 14:44 Ms 88.9 KNGM Guymon, OKJLAHOMA 1156 Miles @ 25 KW Christian Mx and "KJIL Radio For life" ID @ 1032 EDT de Rob-VA3SW ON EN92
May 16 14:02 Tr 88.5 WMUB Oxford, OH good legal ID 327 mi de Jeff ON EN93fo
May 16 13:49 Ms 88.5 KLHV Cotton Valley, LA RDS 998 mi de Jeff ON EN93fo
May 16 13:18 Es UNID-2z south strong signal - Mickey Mouse Cartoon - no logos -likely Cuba de Fred SC FM03af
May 16 12:44 Ms 66.1 WUWF Pensacola, FL RDS 906 mi de Jeff ON EN93fo
May 16 12:37 Ms 88.5 WBOJ Lumpkin, GA RDS 823 mi and KEOM Mesquite, TX RDS 1108 mi on same burst -de Jeff VA3NN de Jeff ON EN93fo
May 16 12:33 Ms 88.9 CKMW Winkler, MB RDS PS: Country 88 875 mi de Jeff ON EN93fo
May 16 04:59 Ms noticing several decent bursts - de WRH ON FN03
May 16 02:14 Es 88.5 Several Fade Ups here the last couple of minutes.....to the SOUTH de Rob-VA3SW ON EN92
May 16 01:08 Es - UNID-2+ on 55260 (LIKELY CJCH5), DTV pilot sig on 55310 (likely WLBZ) & 6m hams in New England - fadey signals de Fred SC FM03af
May 15 05:30 Tr WDRB 49/41 Louisville 180 mi. Over lcl WDKA de Ed W-KY EM56
May 15 05:07 Tr WBUI 22/23 Decatur IL 216 mi. Over local KBSI de Ed W-KY EM56
May 15 05:00 Tr WMBD 30/31 Peoria IL 270 mi de Ed W-KY EM56
May 15 04:57 Tr W29CI-D 29 Salem IL 123 mi de Ed W-KY EM56
May 15 04:45 Tr K38HD-D 38 St Louis 157 mi de Ed W-KY EM56
May 15 04:29 Tr WDTN 50/2 Dayton OH 300 mi de Ed W-KY EM56
May 15 04:27 Tr a few Indianapolis area DTVs 245-ish mi de Ed W-KY EM56
May 15 04:08 Tr W40CV-D 40/17 Jacksonville IL 210 mi "WAND-HD" de Ed W-KY EM56
May 15 03:52 Tr W18BL-D 18 Adamsville TN 110 mi de Ed W-KY EM56
May 15 03:48 Tr W50EA-D 50/42 Memphis 130 mi de Ed W-KY EM56
May 15 03:39 Tr K38HE-D 38 West Plains MO 188 mi de Ed W-KY EM56
May 14 22:42 Ms 88.5 KLHV Cotton Valley, LA RDS 998 mi de Jeff ON EN93fo
May 14 21:33 Tr WMAW 44/14 Meridian MS 326 mi de Ed W-KY EM56
May 14 21:24 Tr WHSG 44/63 Monroe GA 312 mi de Ed W-KY EM56
May 14 20:43 Tr WPCH 20/17 Atlanta 310 mi de Ed W-KY EM56
May 14 20:41 Tr strong sigs from <200 mi for this time of day. Can't hide from Nashville DTVs de Ed W-KY EM56
May 14 16:21 Es Channel 2 Tele Rebelde Havana, Cuba de Andrew K Copley, OH
May 14 15:37 Es @1132edt WTIX 94.3 Galliano,LA de jpizzi NY
May 14 15:08 Es 90.7 WWOZ New Orleans, LA Jazz *NEW* de dtvdxer NY FN31
May 14 14:49 Es 90.1 WFRU Quincy, FL de Andrew K Copley, OH
May 14 14:31 Es 91.1 KLSU Baton Rouge, LA just faded up for good ID. Still some Es around.. kind of fadey. de dtvdxer NY FN31
May 14 14:27 Es 92.1 WNFK Perry, FL (Thanks for helping me ID this one) de Andrew K Copley, OH
May 14 14:19 Es 92.1 UNID... Caught 95.3 The Zone WPRY on 92.1?? Anyone know what this is? de Andrew K Copley, OH
May 14 14:13 Es 90.1 WTJT Baker, FL - relog w/Southern Christian mx - de WRH ON FN03
May 14 14:12 Es fading it seems, had 93.9 GA and AL, 99.3 FL was highest ID in the band. de Saul ON FN04
May 14 14:08 Es 91.5 "Sound Radio" ? - tentative KPAE LA - de WRH ON FN03
May 14 14:06 Es 94.1 WNBU Oriental NC @ 935 miles NEW! de Jim-T MO EM37
May 14 14:02 Es 91.5 WSTF Andalusia, AL, "faithradio.org" & TOH ID. New! de Jon ON FN03

May 14 13:55 Es 92.3 W222AO//WRTP South Goldsboro NC 250 watts! NEW! de Jim-T MO EM37
May 14 13:53 Es [13:13] 4 WTSP St Petersburg, FL - 999 mi - new - caught by autoscan - de WRH ON FN03
May 14 13:53 Es 98.9 WBAM Montgomery, AL, "Montgomery Weather" de Jon ON FN03
May 14 13:51 Es 91.1 WSVH Savannah, GA de Andrew K Copley, OH
May 14 13:50 Es 107.5 "Mustang 107.1" looks like KOGM Opelousas, LA *NEW LOG* 750 watts!! de dtvdxer NY FN31
May 14 13:49 Es 6 WABW Pelham, GA - 868 mi - relog - de WRH ON FN03
May 14 13:47 Es 93.5 WFDZ Perry, FL de Andrew K Copley, OH
May 14 13:47 Es 104.7 WAAZ Crestview, FL, "For Crestview's #1...". New! de Jon ON FN03
May 14 13:43 Es 89.7 WVFS Tallahassee, FL, "The Voice of FL State" de Jon ON FN03
May 14 13:41 Es 100.5 WOYS Apalachicola, FL - new - RDS: WOYS/CIs Rock/LISTEN LIVE AT OYSTERRADIO.COM, very steady sig - de WRH ON FN03
May 14 13:41 Es 107.9 WZKX Bay St. Louis, MS "Kicker 108" with a "Kicker Country Stampede" *NEW* Official Top of Band now. de dtvdxer NY FN31
May 14 13:37 Es 104.7 WAAZ Crestview, FL - relog w/RDS - de WRH ON FN03
May 14 13:36 Es 88.1 WKNC Raleigh NC "The Revolution" NEW! @ 822 miles de Jim-T MO EM37
May 14 13:36 Es 103.1 WZLB Valparaiso, FL, RDS: THE BLAZE, New! de Jon ON FN03
May 14 13:33 Es 100.1 WVVE Panama City Beach, FL - new - "Groove 100.1" - de WRH ON FN03
May 14 13:32 Es 105.3 WWL New Orleans, LA *NEW* de dtvdxer NY FN31
May 14 13:30 Es 105.5 WYZZ Mary Esther, FL, "NASH FM 105-5". New! de Jon ON FN03
May 14 13:26 Es 94.5 KSMB Lafayette, LA powerful de dtvdxer NY FN31
May 14 13:26 Es 89.7 WVFS Tallahassee, FL - relog - de WRH ON FN03
May 14 13:23 Es - FL WFRU 90.1 first 2015 log 0855 followed by WAYT 88.3, FL unIDs on 97.7, 94.5, 91.3... de Saul ON FN04
May 14 13:22 Es 96.5 WZNS Fort Walton Beach, "Z96" & Ft. Walton Beach ads. de Jon ON FN03
May 14 13:20 Es 95.1 WBPC Ebro FL, "Beach 95.1" de Jon ON FN03
May 14 13:19 Es 88.5 WJSU Jackson, MS Jazz. de dtvdxer NY FN31
May 14 13:18 Es 88.1 WUWF-HD FL - de WRH ON FN03
May 14 13:11 Es 92.5 WQST Forest, MS A.F.R. Real strong. de dtvdxer NY FN31
May 14 13:06 Es 92.3 in/out with The Cars "My Best Friend's Girl" de Jim-T MO EM37
May 14 13:01 Es 90.1 WFRU Quincy, FL (GA xmtr) - 905 mi - relog - de WRH ON FN03
May 14 12:56 Es muf 75 MHz - DT 4 pilot + aero markers - de WRH ON FN03
May 14 12:17 Es I'm noticing some e-skip activity on the map this morning. I'm hoping it will intensify today. de Andrew K Copley, OH
May 14 11:52 Ms hrd K4MM (FL) on 50.096 CW calling CQ de Ed W-KY EM56
May 14 06:32 Tr KWWL 7 Waterloo IA 424 mi de Ed W-KY EM56
May 14 05:39 Tr KGAN 29/2 Cedar Rapids IA 420 mi de Ed W-KY EM56
May 14 05:30 Tr WQAD 38/8 Moline IL 325 mi de Ed W-KY EM56
May 14 02:07 Es 2 w text ID... XHCAM Campeche is the Net 7 tx de Ed W-KY EM56
May 14 02:00 Es a couple of ch 2 Mex... 2z & 2+ bmg 210 deg de Ed W-KY EM56
May 14 01:47 Es - UNID 2z couple carriers & UNID-3 SSW Mexico? in/out briefly several times - weak de Fred SC FM03af
May 13 16:46 Tr WCOV 20 Montgomery 360 mi de Ed W-KY EM56
May 13 16:45 Tr WNCF 31/32 Montgomery AL 337 mi de Ed W-KY EM56
May 13 15:43 Tr WTGS 28 Hardeeville SC 523 mi. A new one. Now... is it's tx actually in SC?... might be a new State... de Ed W-KY EM56

May 13 15:01 Tr WAKA 42/8 Selma AL 337 mi de Ed W-KY EM56
May 13 14:33 Tr WMAZ 13 Macon 396 mi de Ed W-KY EM56
May 13 14:23 Tr WMGT 40/41 Macon GA 396 mi de Ed W-KY EM56
May 13 14:15 Tr WRBL 15/3 Columbus GA 375 mi de Ed W-KY EM56
May 13 14:10 Tr WEMT 38/39 Greeneville TN 353 mi de Ed W-KY EM56
May 13 14:06 Tr WJHL 11 Johnson City TN 352 mi de Ed W-KY EM56
May 13 13:54 Tr WGNM 45 Macon GA 395 mi de Ed W-KY EM56
May 13 13:53 Tr a few Atlanta DTVs at 310 mi de Ed W-KY EM56
May 13 07:00 Tr KSPR 19/33 Springfield MO 250 mi. First I've seen of it in quite a while. de Ed W-KY EM56
May 13 06:38 Tr KARZ 44/42 Little Rock 265 mi de Ed W-KY EM56
May 13 03:53 Au 90.1 hash & muddy audio - de WRH ON FN03
May 13 03:48 Au 3z Elliot Lake & 3+ Timmins relogs, no sign of 4- Hearst - de WRH ON FN03
May 13 03:47 Au 2- CHBX Sault Ste Marie, ON - 332 mi - distorted audio w/CTV wx // CICI - new mode, previous via Tr - de WRH ON FN03
May 13 02:24 Tr dtv's to Oklahoma City in @ 255 miles, doesn't even show activity on APRS map! de Jim-T MO EM37
May 12 04:56 Tr WDBD 40 Jackson MS 337 mi de Ed W-KY EM56
May 12 01:30 Tr KTVE 27/10 El Dorado AR 335 mi de Ed W-KY EM56
May 12 01:29 Tr WXVT 15 Greenville MS 255 mi de Ed W-KY EM56
May 11 12:35 Tr WRLM 47/47 Canton, OH at 276 mi de MikeG IN EM69
May 11 12:24 Tr WEWS 15/5 Cleveland at 250 miles de MikeG IN EM69
May 11 03:27 Tr - strong central/south Florida - 93.9-WMIA / 107.5-WAMR 501 mi de Fred SC FM03af
May 10 12:38 Ms KRCQ 102.3 Detroit Lakes, MN 909 miles, "Classic Country KRCQ" @ 12:27z (NEW) de Dave-N PA FN01qx
May 10 05:49 Tr WTAE 51 (110 miles) de Andrew K Copley, OH
May 10 05:25 Tr WPCP-CD 27 (85 miles) de Andrew K Copley, OH
May 10 04:22 Tr Average tropo tonight coming from various directions... south, east and north mainly de Andrew K Copley, OH
May 10 04:13 Es or Ms? 88.9 WQCS Fort Pierce, FL classical music / RDS. In for 2 min. 1118 mi de Jeff ON EN93fo
May 9 22:09 Ms 88.5 KJNW Kansas City, MO "Check it out on 'Life 88.5'" 741 mi de Jeff ON EN93fo
May 9 15:17 Ms 88.5 unid "Car Talk" / ubiquitous "KWI" bogus RDS PI de Jeff ON EN93fo
May 9 07:22 Tr 103.7 WPKQ N. Conway NH (349 mi.) de w2njl NJ FM29
May 9 07:19 Tr 94.9 WHOM Mt. Washington NH RDS (349 mi.) de w2njl NJ FM29
May 9 04:36 Es 87.75 KXKW-LP Franken FM C&W music "Mustang Country" 1080 mi de Jeff ON EN93fo
May 9 04:32 Es 90.1 KPFT Houston, TX - relog w/RadioActive program - de WRH ON FN03
May 9 04:21 Es 94.1 WEMX LA RDS de Jeff ON EN93fo
May 9 04:20 Es 92.9 KHLA Jennings LA ads/RDS de Jeff ON EN93fo
May 9 04:19 Es 90.1 XHRYS Reynosa, MEXICO RDS de Jeff ON EN93fo
May 9 04:16 Es 72.98 WQFR876 Richmond, TX - TIS STL - de WRH ON FN03
May 9 04:14 Es 88,7 KRVS Lafayette, LA HD de Jeff ON EN93fo
May 9 04:12 Es 92.1 KROI Seabrook, TX hip-hop / "Boom 92" de Jeff ON EN93fo
May 9 04:11 Es - into fm - 91.7 KPNE & 89.1 KHNE NE- both with RDS de Fred SC FM03af
May 9 04:00 Es 90.9 seems like skip fading up - de WRH ON FN03

May 9 03:58 Es 2z wk carrier SW - de WRH ON FN03
May 9 03:55 Es 88.7 KUHF Houston, TX HD 3 CH de Jeff ON EN93fo
May 9 02:46 Ms 88.1 KNTU McKinney, TX Jazz/RDS 1102 mi de Jeff ON EN93fo
May 8 23:17 Es 92.3 KMOZ Grand Junction CO "The Moose" 1st time heard via Es, 842 miles de Jim-T MO EM37
May 8 14:12 Es Mexico 2z w Foro net logo L/R de Ed W-KY EM56
May 8 12:30 Tr 104.9 W283AU Arcade, NY, "CJ Country", 64 mi. New! de Jon ON FN03
May 8 05:13 Tr WLIX-LP 94.7 Ridge, NY w/WNSH sort of nulled. First non-local LPFM. Approx 75 miles. de dtvdxer NY FN31
May 8 03:44 Tr 100.1 WJRZ Manahawkin, NJ u/local WDST. *NEW LOG* Only 3rd log on 100.1 in 12 years. de dtvdxer NY FN31
May 8 03:07 Tr WGBH 19/2 Boston off the back, not WUNM. Tropo both ways! de dtvdxer NY FN31
May 8 03:04 Tr WHRO 16/15 Hampton, VA 370 miles.. tropo building East coast. Have a strong sub-decode on 19 - likely WUNM-NC. de dtvdxer NY FN31
May 8 01:44 Es I think the box found WJLP NYC today... de Ed W-KY EM56
May 8 01:19 Es ch2- north - likely CHBX ON de Fred SC FM03af
May 8 01:04 Es 2 DT unkn dir - de WRH ON FN03
May 7 17:15 Tr Some slight tropo occuring this afternoon on FM... a few Detroit/Windsor stations like 93.9, 101.1, 103.5, and 105.9. de Andrew K Copley, OH
May 7 13:32 Tr 102.3 WMQX Pittston, PA "Max" call change 103 miles. de dtvdxer NY FN31
May 7 12:07 Tr WHIZ-40 (83 miles) de Andrew K Copley, OH
May 7 12:04 Tr Pittsburgh/Wheeling/Steubenville markets coming in nicely de Andrew K Copley, OH
May 7 12:04 Tr WTAJ-32 (169 miles) de Andrew K Copley, OH
May 7 04:26 Tr can't hide from the 100 milers tonight... Evansville & Nashville de Ed W-KY EM56
May 6 18:44 Ms 98.3 in Ash Flat AR at 1412 with ad for Johnson's Hardware in Ash Flat. Prev Es. de Saul ON FN04
May 6 13:27 Tr 101.5 CKMO Orangeville, ONTARIO NEW STN @ 625 Watts "MY-FM" IDs Pop/Rock Mx, Local Wx 1st New Station of the Year!! FM # 2501 Heard de Rob-VA3SW ON EN92
May 6 13:25 Ms 60.31 (DTV 3 pilot) bmg NYC. long pings. WJLP's gotta turn up, eventually. de Ed W-KY EM56
May 6 13:15 Ms ch 2- (59.74) EE bmg N. Some long pings. de Ed W-KY EM56
May 6 13:01 Tr 101.9 WJIV Cherry Valley, NY - 247 mi - relog - de WRH ON FN03
May 6 10:38 Ms 107.3 WCGQ Columbus, GA 744 miles, RDS with calls and Top 40, relog de Dave-N PA FN01qx
May 5 14:16 Tr CHKS 106.3 Sarnia,ON full ID de jpizzi NY
May 5 14:05 Tr WDET 101.9 Detroit,MI de jpizzi NY
May 5 13:58 Tr WYXT 97.1 Detroit,MI "97-1 The Ticket" de jpizzi NY
May 5 13:52 Tr WKQI 95.5 Detroit,MI de jpizzi NY
May 5 13:51 Tr WKQI 9 de jpizzi NY
May 5 13:23 Tr CILQ Q-107 Toronto 308 miles weak o/clutter de dtvdxer NY FN31
May 5 13:11 Tr 104.5 CHUM Toronto 307 miles. Some Buffalo very strongt also de dtvdxer NY FN31
May 5 11:01 Ms 97.9 KFNV ND Fargo: "Uplifting Life 97.9" at 0658 de Saul ON FN04
May 5 10:26 Tr 101.5 CKMO ON Orangeville - NEW TO AIR - My FM, local news, u/Peterborough de Saul ON FN04
May 5 07:43 Tr WTTV 48/4 Bloomington IN 220 mi de Ed W-KY EM56
May 5 07:39 Tr W23BV-D 23 Evansville IN 95 mi. tx gone haywire. no picture. de Ed W-KY EM56

May 5 07:23 Tr W50CI-D 50 Louisville 180 mi. "WBNA" de Ed W-KY EM56
May 5 07:17 Tr WKYI-CD 24 Louisville, KY 180 mi. "WKYI-TV" de Ed W-KY EM56
May 5 05:25 Tr WCZU-LD 39 Bowling Green KY 120 mi de Ed W-KY EM56
May 5 05:19 Tr WJFB 44 Lebanon TN now w TCT programming... used to be indi pgming de Ed W-KY EM56
May 5 04:43 Tr 122.55 CIH218 St Thomas, ON - 82 mi - "St Thomas Airport" AWOS wx bc - new - de WRH ON FN03
May 5 04:22 Tr WCKV-LD 30 Clarksville, TN 65 mi de Ed W-KY EM56
May 5 04:18 Tr WJDE-LD 31 Nashville 104 mi de Ed W-KY EM56
May 5 03:09 Tr 24 WCML Alpena, MI - 265 mi - relog - de WRH ON FN03
May 5 02:54 Tr 11 WBKB-DT Alpena, MI - 223 mi - new ex-analog - 11.1 WBKB-HD - de WRH ON FN03
May 4 21:32 Ms 89.1 WUFT Gainesville, FL news/RDS 960 mi de Jeff ON EN93fo
May 4 14:52 Es There seems to be some E-skip showing up on the map today. I just saw a MUF of 107 pop up over Pennsylvania. de Andrew K Copley, OH
May 4 14:50 Tr WYFX-LD-19 Youngstown, OH (51 miles) weak tropo de Andrew K Copley, OH
May 4 05:49 Tr WRLH-26 Richmond VA (325 mi) WTVZ-33/WTKR-40 Norfolk VA (316 mi) de Fred SC FM03af
May 3 21:12 Es 2- w "MTY" logo Ir so, XHCNL I think. de Ed W-KY EM56
May 3 21:05 Es 2- Mex... has the ch all to itself. Traditional music pgm atm de Ed W-KY EM56
May 3 14:18 Tr lots of <150 mi clutter this a.m. Tr's getting back to normal de Ed W-KY EM56
May 3 11:45 Ms 88.5 KLHV Cotton Valley, LA RDS PS K-LOVE / PI 998 mi de Jeff ON EN93fo
May 3 11:35 Ms 88.9 WQCS Fort Pierce, FL classical music / RDS several times past hr., once in HD 1116 mi de Jeff ON EN93fo
May 3 08:11 Tr WHRO 16/15 Hampton, VA barely dercoding. 370 miles. Baltimore gone. de dtvdxer NY FN31
May 3 07:13 Tr WMAR 38/2 Baltimore, MD solid, WNUV 40/54 Baltimore, MD 222 miles de dtvdxer NY FN31
May 3 01:55 Es - ch 2- and ch 2+ weak signals on 55240/55260 from north - likely CHBX/CIII2 - de Fred SC FM03af
May 3 01:40 Es - ch 2- weak signal 55240 from north - likely CHBX - de Fred SC FM03af
May 2 13:48 Ms lotsa lo ch pings this a.m. And a new, intermittent, power line noise, just in time for Es season. Oh, goody. de Ed W-KY EM56
May 2 13:10 Tr life signs. WTVS 43/56 & WXYZ 41/7, Detroit 230 mi. up strong. Few min. ago...nothing. de indysteve IN EM69
May 2 01:57 Tr WHBF DT-4 pilot (66.31) 343 mi and always there. de Ed W-KY EM56
May 2 01:35 Es ? weak ch 2z vid... not enough to ID... bmg SW de Ed W-KY EM56

This board certainly gets busy during e-skip season (eight pages)!

- Your humble VUD editor... staring at static on channel 2 in Florida

FM in the Sunset

Excerpt from "Adventures in Dxing", written by Karl Zuk (N2KZ) for *PCARA Update* [May 2015]
Website: <http://www.pcara.org/>

PCARA Update

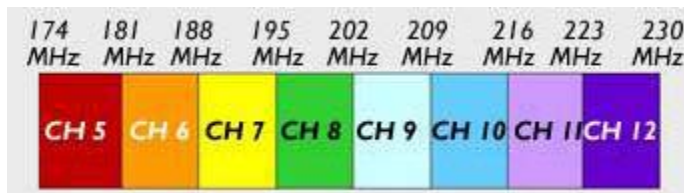
Norway is getting rid of FM radio. They just don't need it anymore. They have better things to listen to. Really. I'm not kidding. Norway has been working on it for 20 years! Fly to Oslo! Hear the future now!

This amazing milestone in the history of radio will begin in 2017. Norway is preparing to become the first country on Earth to rely entirely on a new all-digital approach to broadcasting. No FM is necessary! Listeners will continue to hear dozens and dozens of crystal clear digital radio channels with beautiful fidelity. Broadcasters will spend less money on transmission costs. Probably most important: Radio in Norway will use less precious spectrum space than ever before.

How is it done?

Norway plotted a solid direction towards the future and never lost course. Their good fortune began with the allocation of a new frequency band exclusively for digital audio broadcasting: 174 to 240 MHz. CEPT, The European Conference of Postal and Telecommunications Administrations, set aside 'high VHF Band III' specifically for digital radio. This spectrum is roughly the same territory used for TV channels 7 through 13 in The Americas. TV broadcasts in Norway have been exclusively on UHF frequencies for a very long time so high VHF was ripe and ready for use.

The rationale was simple. Broadcasting in Norway began nearly ninety years ago on medium wave and long wave. When FM became popular, it enjoyed a new frequency band to insure its success: 87.5 to 108 MHz. Digital arrived in 1995 and found its own place on the dial: 174 to 240 MHz. It all made sense.



High-VHF Band III TV channels in Europe are now being used for digital radio.

Discreet bands for each transmission method allowed development of new technologies without being backwards compatible. Europe was free from the challenge (and eventual failure) of implementing inband on-carrier compatible digital (IBOC 'HD Radio') as seen in The United States. Every European band had a purpose and there was no requirement to mix broadcast standards and technologies in one pot. In Norwegian eyes, trying to piggyback digital signals on an archaic AM or FM carrier would be absurd. The purveyors of our stateside 'HD Radio' had another idea!

The Norwegian approach is also remarkably efficient with spectrum space and overall financial cost. Most areas in Norway are served by only two or three transmitters employing a technique known as SFN — Single Frequency Networks. One digital carrier is capable of delivering 12 or more individual radio programs simultaneously. 36 or more radio stations only require about 4.5 MHz compared to 20 MHz necessary to convey the same amount of programs via the analog FM band. Amazing!

It Makes Sense

Consider the budget necessary to install, operate and maintain 36 separate FM stations and associated translators to cover all of Norway. Compare this to running three SFN multiplexes with a similar distribution scheme. Bean counters would be smiling enough to treat themselves to a free lunch!



Norway is a lightly-populated country (5 million people) in northern Europe, bordered by Sweden, Finland and Russia.

This new digital world is an interesting one. Radio's delivery becomes quite concise and efficient. Transmitted bandwidth within a SFN can be changed at will to suit the needs of each specific format. Is your station mostly talk? Use less bandwidth. Does your service feature classical music and show tunes? Widen its bandwidth for ultra-fidelity. (Norway's SFNs use a bitrate of 192 kbps for music and 96 kbps for talk.) Network managers can tailor their multiplexes to suit today's needs.

The history of Norwegian digital radio technology is fascinating. The original system, deployed in 1995, was called simply DAB - Digital Audio Broadcasting. To receive these new broadcasts, people in Norway needed to purchase completely new radios to suit. LW/AM/FM radios simply won't work!

The incentive to update was enticing. With AM radio, you could hear maybe two different stations. FM radio provided a small handful of choices, at best. Pulling in each individual analog AM or FM station could be tricky and challenging. Digital transmission provides dozens of static-free choices without worry or elaboration. High-powered digital transmissions, on the high end of the VHF spectrum, became a perfect combination for success.

Engineers studied their initial impressions of the DAB system and found room for improvement. Mobile reception needed further refinement especially to meet the demands of rough terrain and distance. Analytical studies revealed what was being lost during travel mostly occurred during high-speed driving. One problem was particularly fascinating: Digital signals were losing lock when cars exceeded 120 km/h due to Doppler shift! Diagnostic work began and designers looked for answers.

A few years later, an all new system was launched and marketed. DAB+ was a completely redesigned system that doubled the efficiency of bandwidth use (twice as many programs were now possible.) Designers decided to use a new digital codec called AAC+ and also employ the Reed-Solomon error correction scheme. Radio moved another step forward.



The conversion to DAB+ took some time to deploy. Unfortunately, DAB+ was not compatible with the original DAB transmission scheme, so listeners had to, once again, invest in new radios. It has been 20 years since Norway began to broadcast using DAB formats. Today, 99.5% of Norwegians can receive a DAB+ signal and over half of Norway's radio listeners already rely on digital to tune in.

Norway Is Ready

The time has come to pull the plug and discontinue all analog FM broadcasting in Norway. Operating redundant analog broadcasts no longer makes financial sense. First to go all digital will be the dominant government-owned NRK station group heard across the nation. Analog shutdown will begin in 2017. Local independent broadcasters are encouraged to follow suit although there is no mandatory date for their analog demise quite yet.

Digital DAB+ has earned public acceptance after demonstrating long-term technical reliability and providing vast programming options. Adding to the embrace is the ability to send descriptive text for station IDs, song and program titles and other program information. The system is also capable of sending graphics and entertainment material. I think they thought of everything!



The Tiny Audio C3 is a converter for Band III DAB transmissions, allowing reception on a nearby FM radio.

So, what's in store for digital radio? The choices are many. The easiest way to tune in is to purchase an outboard converter such as the popular Tiny Audio C3. It uses a retrofit receiving antenna that glues onto your windshield. DAB+ broadcasts are relayed to your car radio via a low powered FM transmitter built into the Tiny Audio C3. Tune your older FM radio to your converter's transmission frequency and hear the world of DAB+ now! Power for the converter comes from a 12 volt cigarette lighter plug adapter. The Tiny Audio C3 looks very similar to converters marketed in North America for Sirius and XM satellite radio reception.

This little converter is quite a diverse and agile beastie. The display indicates signal strength, output FM frequency, actual received DAB frequency, SFN channel and program ID along with rolling text capable of all sorts of text messages. An interface is available to integrate the Tiny Audio C3 with your smartphone or other Bluetooth device. Onboard

memory allows you to pause broadcasts or even replay them. If you have an older car, this converter will help you get with the program! Fancy stuff! Of course, many car manufacturers integrate full-featured DAB+ radios into their new vehicles making converters unnecessary.

Home DAB+ receivers come in all shapes and sizes. First, take a look at a major retailer's offerings: Komplet is the Norwegian equivalent of Best Buy. Try <https://www.komplett.no/> and search DAB+. You'll see quite an amazing collection! One manufacturer seems to lead the pack — a British firm called Pure. I really want to try their tiny portable receiver — the Move 2500. Simple and basic with a big sound. See: <http://www.pure.com/digitalradio/>

Two very attractive and popular models caught my eye. They feature attractive wood grain cabinetry and sleek European styling. The best-selling Pure Evoke D6 and the Sony XDR-SD16DBP both combine a nostalgic tip of the hat to legacy designs combined with clean lines and style you would expect today. Norwegian living rooms and bedrooms would welcome these beauties. The features are fun, too. Most of these radios all auto-tune by program name. First, you scan the band to create a list of available programs. Scroll through the list as you decide what you would like to listen to. Now you are locked on to a channel. Travel far and wide and the radio will follow your program from transmitter to transmitter along the way as you go. No retuning necessary! More sophisticated sets also allow tuning by individual multiplex or actual transmit frequency. It is a new world over there!

Listen To This!

So what can you hear? The dominant broadcaster in Norway is NRK - Norsk rikskringkasting AS — owned and operated by the government of Norway. Typically, one of the three DAB+ SFN multiplexes will be exclusively loaded with NRK programming. You'll find many formats to choose from: news/talk, pop, dance, classical, jazz and several services aimed at specific local and regional audiences.

Many independent broadcasters offer alternatives to NRK. Radio Norge is a popular full service station mixing music, talk and information for general audiences. You might also find some international content. France is well-represented by Radio Nova, Radio Inter and NRJ. See a complete rundown of Norwegian radio channels at: <http://radiomap.eu/no>. Click on the station names to hear live streams of each radio service!

One Norwegian analog station shows no sign of retirement: NRK's 100 kW longwave station at Ingøy Måsøy — a remote island in the farthest reaches of Northern Norway — operates on 153 kHz. Its antenna tower reaches 1188 feet — the tallest structure in Scandinavia. When all else fails, this station will be heard! Longwave DXers have logged it all over the world. Long live longwave!

Norway is far ahead in the roll-out of their DAB system, but they are not alone. 21 countries have established DAB operations with another 18 countries experimenting and deciding their fate. Canada is in digital limbo. They tried digital audio on the L band (around 1.47 GHz) and the system never gained popularity.

America's HD Radio scheme has been treading water since testing began in 2001. HD Radio is not a SFN system but an add-on to existing analog operations. Few financial gains can be found and stations must purchase licenses to use this technology. Adding to the mud is a lack of new innovative programming and useful receivers for purchase. Our wheels are spinning and we are not moving ahead.

All hope is not lost. Americans almost have a SFN in our SiriusXM satellite system serving Canada and the United States. Since most SiriusXM radios are found in cars, receiver and converter choices are limited. The system is financially quite a success. More subscribers than ever now listen to SiriusXM. Mobile satellite radio is not available in Europe. Still, I'd love to experience the advanced technology of Norwegian DAB+ up north.

Finally, DXers should know that DAB+ travels long distances during high-VHF tropo lifts. Norway's DAB+ has been heard in various places in Europe when conditions allow. Visit ace DXer Ruud Brand's channel on YouTube: <https://www.youtube.com/user/RBrDX> (look at his videos) for documentation of some amazing catches!

It will probably be many years or decades before analog terrestrial broadcasts will be ended in North America. Currently, America looks like it is heading towards Wi-Fi as a digital multimedia distribution system. Time will tell!



Tryvannstårnet broadcast tower (right) stands 387 feet tall, on the 1,736 ft summit of Tryvannshøyden hill near Oslo.

Is ATSC 3.0 Diginet Savior Or Competitor?

Written by Phil Kurz for *TV News Check* [May 21, 2015]

Source: <http://www.tvnewscheck.com/article/85526/is-atsc-30-diginet-savior-or-competitor>

Diginets feeling threatened by the squeeze of TV spectrum that would follow a successful FCC incentive auction and repack have reason to be hopeful — or maybe not.

ATSC 3.0, the next-generation digital television transmission standard under development, will make it possible to transmit a far greater number of channels in a 6 MHz slice of spectrum than the current standard, ATSC A/53 (also called ATSC 1.0).

Today's standard gives television broadcasters 19.4 megabits per second to deliver an ATSC 1.0 transport stream. ATSC 3.0 will make it possible to deliver in the range of 26-28 mbps as an encapsulated IP data stream. (However, the bit rate is theoretical until the standard is actually deployed and tested.)

What that all means is if scores of TV stations opt to sell their spectrum in the incentive auction and abandon their diginet affiliations, stations that choose to hang on to their spectrum will have the additional capacity to accommodate at least some of them.

However, ATSC 3.0 will also allow stations to offer data services on their excess spectrum. If they prove more lucrative, the diginets may yet be out of luck. Broadcasters will go where the money is.

The FCC wants to hold the incentive auction in the first part of 2016, but given the complexity of the effort the schedule could slip. After the FCC buys spectrum from broadcasters, it intends to turn around and sell it to wireless carriers and make a profit for the U.S. treasury. Preparing the recovered spectrum for sale will involve a reorganization — or repacking — of the TV band.

The ATSC 3.0 standard leverages orthogonal frequency-division multiplexing (OFDM) and high efficiency video coding (HEVC) H.265 video encoding rather than 8VSB and MPEG-2 as does ATSC 1.0. OFDM makes the pipe from the transmitter to the receiver fatter, while HEVC puts video on a starvation diet.

For example, where a broadcaster today might devote 12 mbps to transmit a single HD channel via ATSC 1.0's MPEG-2 encoding, HEVC will make it possible to broadcast the same HD channel at 3-4 mbps, says Jay Adrick, a consultant to GatesAir who is participating in the standard development.

Similarly, an ATSC A/53 3 mbps standard-definition channel could be compressed down to the kilobyte range, he says. On the other end of the resolution continuum, HEVC will compress 4K Ultra HD to about 12 mbps.

Coupled with OFDM's fatter pipe, that means broadcasters conceivably could carry at least six HD channels in one single 6 MHz channel, many times more SD channels.

So, in a post-auction world, it should be possible for stations to continue broadcasting a rich multicast channel lineup in addition to a primary channel, and perhaps even share a 6 MHz assignment with another station in town.

However, the same next-gen TV standard that makes carrying all of these subchannels possible will enable stations and station groups to pursue new business models that could change what it means to be a television broadcaster

But the new standard will bring with it new competition for the broadcasters' bits.

In addition to more TV, the new standard gives broadcasters the ability to transmit IP data packets for a variety of data-distribution services. Broadcasters might provide the services themselves or lease capacity to third parties.

That's a truly transformational development for the broadcast industry, says Mark Aitken, SVP of technology at the Sinclair Broadcast Group and a leading ATSC 3.0 proponent, adding the services should have the same quality of service and effectiveness as those offered by wireless carriers.

While not every broadcaster will choose to get into the wireless data delivery business, those that do "will find extreme value in the bit distribution business for a whole variety of new services," he says.

The very law that set in motion the disruptive TV spectrum auction and repack also authorized flexible use of broadcast spectrum. The Middle Class Tax Relief and Job Creation Act of 2012 gives the FCC permission to grant a waiver of broadcast service rules to TV broadcasters in lieu of their receiving reimbursement from the \$1.75 billion Broadcaster Relocation Fund to pay the expenses resulting from moving to a new channel assignment.

The flexible-use waiver is available only as long as broadcasters provide "at least one broadcast television program stream on such spectrum at no charge to the public," the act says.

Data delivery vs. multicasting is not an either-or-decision. ATSC 3.0 is being created with the ability to broadcast mobile, SD, HD and Ultra HD television as well as data at the same time. It uses layered division multiplexing, LDM, to enable multiple waveforms to be transmitted at once, Adrick says.

Although ATSC 3.0 makes that possible, the new standard's ability to carry IP packets as deftly as a wireless service will demand broadcasters think carefully about how they choose to allocate their bit-carrying capacity. One day in the not-too-distant future they may find themselves contemplating whether it is more profitable to carry reruns of *Gilligan's Island* or transmit wireless data.

Says Aitken: "It is very easy to imagine a future where television is part of our business, but there is a plethora of other business interests that will leverage our bit distribution capacity because we can do it better, we can do it more efficiently, we can do it at a lower cost point, and we can do it on a basis that will be a rival to the other wireless carrier industry."

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