

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 2008

The Magazine for TV and FM DXers

Summertime at the house of Fybush.
Rick Lucas and Jim Renfrew install
Scott's CM4248 and CM Quantum 1110.

**** TWO ****
MONTHS
REMAINING UNTIL
ANALOG TV SHUTOFF



Photo Courtesy of Scott Fybush



Merry Christmas

TV and FM DXing was never so interesting!

THE WORLDWIDE TV-FM DX ASSOCIATION

Serving the UHF-VHF Enthusiast

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



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

DECEMBER 2008



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

<http://fmdx.usclargo.com/join.html>

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

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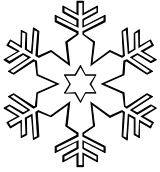
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HAPPY HOLIDAYS!

Merry Christmas and Happy Holidays from the WTFDA to all of our members. TV and FM Dxing is a crazy hobby. It was tough enough back in the early 1970s. The band wasn't too crowded but the equipment stank. As time went on the hobby got even harder. The equipment got better but the band got more crowded with translators and LPFMs. Then came digital radio and IBOC hiss but the technology was responsible for one of the most selective tuners ever made, the Sony XDR-F1HD and it's companion table radio.

It seems that for every step forward we take two steps backwards. Most of the time it seems that we FM DXers are banging our heads against a wall but most of us haven't given up the hobby completely. But our heads hurt.

Most TV DXers haven't given up on the hobby either, even though TV DXing will be almost all digital after the 17th of February. DXing analog stations was never really easy and now DXing DTVs will become even tougher. But most TV DXers just keep plugging away. Throw it at us. We can take it.

Maybe we're all just crazy. But it's crazies like you and me that keep the WTFDA relevant. Even with all the obstacles, we just keep trying and we're even able to enjoy it sometimes in spite of everything.

So, here's a big thank you to all of our members... to the guy who just joined a week ago to the old timers who've been here since 1968. Let's hope we have an exciting 2009!!

MEMBERS AND MORE

As usual, in December activity slows to a crawl. From the period of October 18 to November 15 we've received renewals from **Marv Shults** (IL), **Jeff Kitsko** (PA), **Joe Gragg** (TX), **Bill Heussman** (IA), **Brian May** (CT), **Chester Jaffee** (CA), **George Hamer** (NY), **Gary Olson** (FL), **John Adams** (OR) and **John Jefferson** (WA). Of the people listed here, Gary has the most tenure and Brian is on the opposite end of the scale. Even if you don't actively do any DXing any longer, it's still nice to belong to a group of people who can understand you when you talk to them and not think that you're looney.

LIGHTNING AND HDT-1s

It's cool when you get a QSL letter and the

person practically writes you a book. This is what Jim got from Kevin Larke, CE of WQTX 92.1 in MI. Kevin wrote: "Hello Jim, My GM just gave me your reception report for 106.1 WJXQ. We sure have had some bizarre propagation conditions lately. I get a lot of listener complaints during these times because people think we are at reduced power or something when they hear interference from other stations.

I see you have a Sangean HDT-1 tuner. I bought one of these for \$99 directly from Ibiquity. About 18 months ago, Ibiquity was selling HD radios to broadcasters to give as prizes. Our IT guy/asst. engineer Drew Henderson and I each bought one. It was hard to resist the price. I also have the Accurian (Radio Shack) HD table radio, a JVC KD-HDR1 in my truck, and a Radiosophy HD-100 I received for writing a review about it for Radio World newspaper.

I had a lightning strike at my house a few months ago. I believe the lightning hit the HV utility lines because my neighbor and I both had things ruined by the surge and the HV fuse was blown for her house transformer. Two 15 amp breakers tripped in my house.

My HDT-1 and a GE/Philips undercounter kitchen radio were damaged beyond practical repair by the surge. When I took them apart, I found that both AC line cords were connected directly to the primary of the power transformers. I believe a fuse and some surge protection probably would have saved both units.

Sangean told me the HDT-1 isn't worth repairing. I would like to get the improved HDT-1X anyway. I bought a new Sony ICF-CDK50 for my kitchen. It has a 3.5mm stereo line input so I can patch in my mp3 player...that's handy. I took it apart and also found the AC line cord wired directly to the power transformer. I added a large 130 VRMS MOV disc across the transformer primary (there were empty holes in the PC board for a disc cap or MOV?). I left the white neutral connected. I mounted a chassis mount 3AG size fuse holder near the transformer. I unsoldered the black hot lead of the line cord from the transformer and soldered it to the center pin on the fuse holder. I added another piece of black wire from the other terminal on the fuse holder to the transformer. I used a 0.25 amp fast fuse.

If I were you, I would do the same to your HDT-1 tuner. There is plenty of room for a fuse

holder. The theory is that a voltage surge from the AC line will make the MOV conduct hard and blow the low current fast fuse before any damage is done. I have done this to a lot of gear at transmitter sites. I would rather replace a fuse after a thunderstorm than have a burned up piece of equipment. Most equipment already had a fuse, I just had to add the MOV discs.

You want the MOV across the primary of the transformer (or 120 volt input on gear with switching power supplies). The fuse goes in series with the hot side of the line cord (black wire or narrower blade). If the plug isn't polarized, use either side. Just be sure to connect the line wire to the center pin of the fuse holder to minimize the risk of shock when replacing the fuse. It's a good idea to insulate connections with heat shrink tubing.

Anyway, if you're handy with tools, you can protect your HD tuner for about \$5 in parts. I'll do it to my HDT-1X if I buy one.

I'll mail your QSL today. About all I can add is a Q106 (WJXQ) bumper sticker. We don't have stickers for our others stations right now.

Best Wishes, Kevin Larke , Chief Engineer Mid Michigan Radio Group 92.1 WQTX, 92.9 WJZL, 94.1 WVIC, and 106.1 WJXQ"

ANOTHER QSL CARD

This one is from Randy Miltier in Phoenix, OR. I don't think this has ever been printed in the VUD, so here it is:



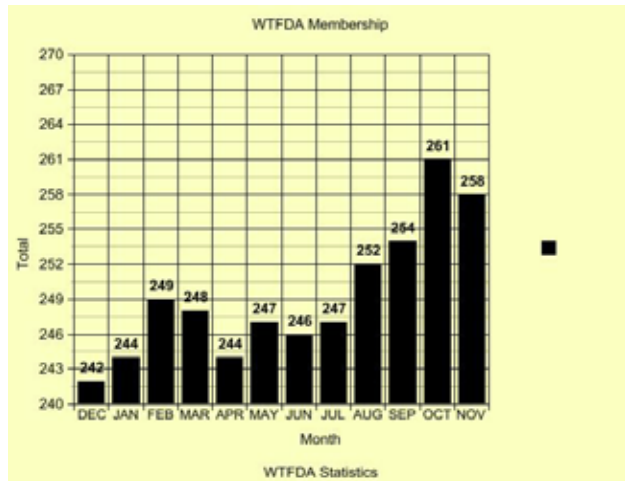
Randy Miltier * 208 Jared Ct. * Phoenix, Oregon * 97535 * CN82

MORE GRAPHS

Just for the fun of it I've been tracking club membership since last November and publishing the graphs for all to see. Take a look at these because a picture is worth a thousand words.



If you'd rather have a bar graph, here it is:



I wonder what the graphs will show us for 2009? I have no idea. Do you?

THIS SPACE FOR RENT

Well, not really, but I need to fill it so here are some excerpts from the January 1961 AIPA Bulletin front page editorial written by club vice-president King Schafer. I can't believe he wrote this:

"With the January "edition", quite often it's the policy of magazines, clubs and what have you, to shout about all the great things coming up in the new year. Well, being semi-honest here, we are forced to take a slightly altered course. In all probability you will find the AIPA worse this year than last! The bulletin as usual will be a masterpiece of atrocious grammar, general rot, pitiful spelling, nasty editorials like this one, in addition to assorted blobs and blotches. *If we're really lucky we may be able to provoke anew a fight or two with Cooper. Then too, we can always resurrect Broomall!* But be assured of one most important aspect of this organization: -come wind, rain or mimeograph failure, mediocrity shall and will prevail!"

"We wonder about the fates, opinions, actions and reactions of our individual members. Do they choke up with emotion when they pluck their mediocre little bulletins out of the mail each month? *Or do they curse and wish they put up another buck and joined the NNRC.* Maybe they long for the good old days when the bulletin was printed on cheap pink paper instead of the cheap white paper now in use."

"Yes, your quite correct Melvin, -The real motivation behind this exceedingly clever didactic, is to beef-up the moral of the disharmonized AIPA masses. Need we all remember, that our group is the finest this side of the Congo!

Tis a dark night this New Years' Eve. God be with you or somebody else will."

I don't know about you, but I got at least four big laughs out of those excerpts and I can think of at least one more WTFDA member who is probably laughing more than I am.

Check out the AIPA section of wtfda.org for more of this. Pat Dyer has spent much time there. The uploads were worth the effort!



TV News

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December 2008

Abbreviations:

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

News:

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



Puerto Rico:

Bayamon	30	WDWL-DT	PR>100kw
Mayaguez	23	WNJX-DT	NW 400kw/ 693m
Ponce	15	WTIN-DT	NW 380kw/ 839m



U.S. Virgin Islands:

Christiansted	20	WSVI-DT	PR<1.1kw/ 290m
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USA:

Alabama:

Mobile	23	WDPM-DT	PR>390kw
Opelika	18	WQMK-LP	CC from W18CD

Alaska:

Anchorage	10	KTUU-DT*	PR>50kw
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Arizona:

Phoenix	38	K53GF-D	DC 9.9kw
Yuma	15	KYUM-LD	DR 15kw, 32-40-22/ 114-20-11

California:

Barstow	6	KCIO-LP	PC<990w, 34-40-10/ 116-55-51
Bishop	20	KBBC-DT	NW 1.9kw/ 924m, 37-24-43/ 118-11-06
Canby	8	K13IT-D	QC from K08OR, 19w, 41-26-26/ 120-43-54
Chico	28	KKPM-CD	DR 11.5kw
Cotati	23	KRCB-DT	NW 105kw/ 630m
Eureka	43	K69IE-D	PR<3.79kw, 40-43-39/ 123-58-17
Fresno	30	KFSN-TV	PR<1680kw/ 625m, amendment from 3310kw
Indio	25	KPDC-LD	DR 10.4kw dismissed
Los Angeles	23	KSMV-LD	DR 50w
Los Angeles	50	KNLA-LD	DC 400w, 34-13-35/ 118-03-58
Moreno Valley	12	KMRZ-LP	QR from ch. 69, 400w, 34-02-17/ 116-48-47
Oakland	44	KTVU-DT*	AF 500kw/ 371m (aux)
Sacramento	31	KMUM-CD	QR from ch 15
San Diego	25	KGTV-DT	Adds KZSD-LP (ch. 41, Azteca) on -15 subchannel
San Diego	40	KNSD-DT	FC to Universal Sports on 39-3 CC from KBWB
San Francisco	20	KOFY-TV	PG>858kw
San Francisco	27	KTSF-DT*	AF 500kw/ 357m (aux)
San Francisco	30	KQED-DT	DR 4kw
San Luis Obispo	41	KMMA-CD	DR 4kw
San Mateo	43	KCSM-DT	PG 500kw/ 511m
Santa Barbara	15	K15DB	FC to JCTV

Stockton	26	KTFK-DT*	PG>850kw
Twentynine Palms	50	KVMD-DT	QR from ch. 23 dismissed, would create a "grey area" northeast of Palm Springs where fewer than two over-the-air signals would be received
Twin Peaks	22	KHIR-LD	DR 500w, 34-11-46/117-02-57
Vallejo	34	KFSF-DT*	PR>330kw/499m
Colorado:			
Anton	45,	K45FD-D,	DR 435w
	47,	K47FT-D,	
	49	K49EX-D	
Broadmoor	41	K59BZ	QC from ch. 59
Canon City	28	K28KC-D	PR>94w
Castle Rock	45	KWHD-DT*	QR from ch 46 1000kw/188m
Denver	19	KTVD-DT	PG>1000kw/374m
Durango	33	KTLL-DT	DC 50kw (analog goes dark)
Durango	39	K39AH-D	DR 133w
Lake George	45	K45KB-D	PR>500w, 38-59-12/105-04-06
Montrose	21	K21JK-D	NW 13kw, 38-18-55/108-11-45
Delaware:			
Georgetown	48	W69EP	QR from ch. 69, 1kw, 38-42-24/75-24-05
Rehoboth Beach	31	WRDE-LD	NW 7.1kw, 38-42-14/75-12-01
Florida:			
Boca Raton	63	WBEC-TV	CC from WPPB-TV
Gainesville	9	WNBW-DT	PR>4.9kw/280m; PG
New Smyrna Beach	15	WDSC-TV	CC from WCEU
Orlando	31	WTMO-CD	DG 6.7kw
Rock Harbor	64	W64AN-D	DC 15kw, 25-32-24/80-28-07
Sebring	23	W23CN-D	DG 5.55kw
Tampa	47	WFTT-DT	PG>650kw/387m, 27-50-50/82-15-50
Georgia:			
Augusta	49	WBPI-CD	PG>15kw
Columbus	36	WQMB-LP	CC from W36DQ
Hawaii:			
Honolulu	38	KALO-DT	QG from ch 10 262kw/577m.
Wailuku	7	KAIL-DT*	QG from ch 36 3.69kw/753m, 20-39-37/156-21-46
Wailuku	10	KMEB-DT*	QG from ch 30 4.4kw/747m, 20-39-37/156-21-46; QR>21.2kw
Wailuku	12	KMAU-DT*	QG from ch 29 9kw/747m, 20-39-37/156-21-46
Wailuku	21	KWHM-DT*	QR from ch 45

Wailuku	24	KGMV-DT	PG<77kw/755m, 20-39-27/156-21-46, amendment from 40.7kw/738m
Waimanalo	15	KUPU-DT	QG from ch 38 12kw/373m, to allow KALO-DT Honolulu to use ch. 38.
Idaho:			
Georgetown	16	K16HQ-D	NW 200w, 42-30-00/111-20-19
Lewiston	51	K51HY-D	DR 362w
Malad City	35	K35GW-	DR 1.17kw
Rockland	19	K19CY-D	DG 4w
Sandpoint	16	K16EN-D	DR 1.17kw
Illinois:			
Chicago	23	WWME-CA	PR<47.5kw
East St. Louis	47	WRBU-DT	PG>750kw
Freeport	41	WIFR-DT	PR>100kw/220m
Mount Vernon	21	WPXS-DT	NW 350kw/ 91m, 38-41-19/89-33-38
Indiana:			
Muncie	26	WMUN-LD	DR 3.56kw dismissed
South Bend	35	WNIT-DT	PR>85kw, DA
Kansas:			
Hutchinton	8	KPTS-DT*	QG from ch 29 32kw/244m
Topeka	40	K40IJ-D	PC>5kw, 39-03-50/95-45-49; CL from Manhattan
Wichita	49	KGPT-CD	DG 5.45kw
Louisiana:			
Shreveport	24	KLTS-DT	QR from ch 25 150kw/326m
Maine:			
Lewiston	35	WPME-DT	QC from ch 28 14.35kw/278m (station has shut down analog early)
Maryland:			
Baltimore	29	WMPB-DT*	PG>42.6kw
Hagerstown	39	WJAL-DT*	PG>105kw/372m
Salisbury	23	W23DF	PG<3.5kw, 38-27-22/75-34-22; from plus offset to zero
Massachusetts:			
Springfield	28	WFYQ-CA	PR>125kw, 42-05-05/72-42-14
Worcester	29	WUNI-DT*	PR>270kw
Michigan:			
Detroit	14	WKBD-DT	PR>180kw
Escanaba	48	WJMN-DT*	PR>1000kw/350m
Flint	16	WSMH-DT	PG<245kw/366m, 43-13-31/84-04-33
Kalamazoo	64	WLLA	granted permission

to go dark and
become a DTV-only
station on channel
45.

Minnesota:

Bemidji 48 K48KI-D DG 5.8kw, 47-28-07/
94-49-23

Mississippi:

Oxford 36 **WMAV-DT*** PR<272.5kw

Missouri:

Branson 17 K17DL-D DG 2.1kw
Springfield 15 K15CZ-D DG 3.9kw

Montana:

Helena 12 **KTVH** OFF, gone digital-
only on ch. 14

Kalispell 15 K15GP-D DG 275w
White Fish (sic) 29 K29AA-D DG 173w

Nebraska:

Benkelman 33 K33FO-D DC 15kw
Lincoln 8 **KLKN-DT*** PG>25.9kw
McCook 44 K44FN-D DC 15kw

Nevada:

Carson City 17 K17CA-D DG 5.13kw
Elko 10 **KENV-DT*** PR<1.5kw; PG
Hawthorne 13 K13WI XR 38-31-26/
118-37-21
Stead 49 K49CK-D DR 340w

New Jersey:

Vineland 29 **WUVP-DT** PR 340kw/
396m; PG

New Mexico:

Espanola 39 K39EJ-D DR 1kw
Grants 6 K06CU-D DR 100w
Hobbs 45 K45JA PG<70w, 32-23-56/
103-09-38

Silver City 12 **KOBG-DT*** AF 1w/496m,
amendment from
2.1kw (yes, one
watt)

Tucumcari 48 K48EH-D DR 260w

New York:

Elmira 36 **WENY-DT*** QR from ch 55
75kw/342m, 42-08-31/
77-04-40

Smithtown 23 **WFTY-DT*** PG>655kw/
219m

North Carolina:

Asheville 13 **WLOS-DT*** PR>70kw,
amendment from
60kw

Wilmington 44 **WECT-DT** PC>710kw/
590m, 34-07-53/
78-11-17

North Dakota:

Minot 47 K47KA PG>2kw

Ohio:

Akron 11 WAKN-LP PC<1.5kw, 41-03-53/
81-34-59
Loudonville 65 WIVX-LP CC from W65AH
Marion 39 WOCB-CD DG 1kw, 40-36-46/
83-07-48

Sandusky 42 **WGGN-DT** XR 41-04-30/
82-27-05

Toledo 34 WBTL-LP PR>150kw, 41-57-26/
83-15-30 dismissed

Oregon:

Bend 7 KBNZ-LD DC 300w
Bend 28 K28JE PG<100w, 44-03-40/
121-17-23

Cottage Grove 14, K14LP-D, DG 200w, 43-46-41/
47, K47AV-D, 123-02-32
50 K50CT-D

Glide 24 K24FH-D DR 1.1kw

Heppner 28 K28GD-D DR 2.1kw

Hood River 36 K36FG-D DR 1.2kw

La Grande 16 **KUNP-DT** QG from ch 29
50kw/773m, to allow
use of existing
analog antenna for
DTV service.

Lakeview 7 K07NR-D DR 300w

Ontario 15 K15DY-D DR 350w, 44-03-48/
116-54-18; DG

Prineville 31 K31CR-D DC 15kw

Roseburg 19 **KPIC-DT** PG>292m

Roseburg 51 K51GJ-D DR 1.1kw

The Dalles 31 K31HZ-D DR 1.03kw

Pennsylvania:

Bellefonte 13 WSCP-CA PG>3kw, CL from
State College

Erie 22 **WFXP-DT** NW 850kw/
286m, 42-02-25/
80-04-09

Philadelphia 45 WELL-LP PR<18.9kw

Reading 25 **WTVE-DT** PR<126kw/
378m, 40-02-30/
75-14-13

South Carolina:

Spartanburg 43 **WRET-DT*** PG>106.2kw

South Dakota:

Lowry 11 **KQSD-DT*** PG>37kw

Pierre 10 **KTSD-DT*** PG>54.7kw

Tennessee:

Hendersonville 33 **WPGD-DT** QG from ch 51
1000kw/412m.

Knoxville 14 W14CX-D DR 4.43kw, 35-59-44/
83-57-23; CL from
Farragut

Lebanon 44 **WJFB-DT*** PG>750kw/
425m, 36-15-50/
86-47-39

Livingston 25 WWWB-LP CC from W25DP

Memphis 5 **WMC-DT*** QG from ch 52
34.5kw/308m, 35-10-
09/
89-53-10

Nashville 5 **WTVF-DT*** PG 22kw/
425m

Texas:

Bryan 29 **KYLE-DT** QG from ch 28
1000kw/451m

Conroe 32 **KPXB-DT** PG>1000kw

Dallas 36 **KDFI-DT** NW 1000kw/
495m

Dallas 61 K61HP-D DG 15kw, 32-46-48/
96-48-13; CL from
Gainesville

De Soto 31 K31GL-D DC 8kw

Mesquite	50	KATA-CD	DR 15kw
Port Arthur	4	KBTV	FC to Fox
San Antonio	21	KXTM-LP	PC<9.9kw, 29-25-06/ 98-29-01
Sherman	7	KQFW-LD	DG 300w, 33-32-08/ 96-49-54; CL from Denison
Victoria	45	KZHO-LP	PC>50kw, 28-58-11/ 95-59-01
Wolfforth	43	KLCW-DT	PR 179kw/ 280m
Utah:			
Salina	24	K24GK-D	DR 35w
Virgin	29	K29GY	PG<423w
Virginia:			
Front Royal	21	WVPY-DT*	PR>100kw
Staunton	11	WVPT-DT	PR>10kw
Washington:			
Baker Flats Area	6	K59BF	QC from ch. 59, 10w
Bellingham	38	K38JH	PG<100w, 48-47-34/ 122-29-03; NW
Pateros	41	K21HL	QR from ch. 21, 230w, 48-01-10/ 119-58-35
Walla Walla	47	KWWO-LD	DG 1.9kw
West Virginia:			
Keyser	41	W41DK-D	NW 7kw, 39-22-55/ 79-04-46
Mathias	9	W09CT-D	PR>240w, 38-49-15/ 78-53-56
Parkersburg	51	W51EG-D	NW 15kw, 39-12-43/ 81-35-31
Wisconsin:			
Chippewa Falls	48	WEUX	PC>1550kw/ 223m
Chippewa Falls	49	WEUX-DT	NW 780kw/ 223m
Coloma	48	W48DB-D	DC 4.89kw
Madison	49	WMSN-DT	QG from ch 11 280kw/450m
Racine	48	WBME-DT	PC>100kw/ 298m, 43-06-42/ 87-55-50
Tigerton	4	W04CW	NW 251w, 44-42-04/ 88-53-24; sold to WVCY-30, Milwaukee
Wyoming:			
Greybull	41	K41KM-D	NW 250w, 44-24-47/ 107-59-49
Laramie	19	K19FX-D	DR 680w
Rock Springs	24	K24GZ	PR>2.2kw, 41-29-50/ 109-20-36

(FC): Flash-cut from analog to DTV on same channel.

The FCC has approved rules for Distributed Transmission Systems -- "DTS" -- for digital TV. Basically, DTS allows a single DTV station to use multiple lower-powered transmitters on the same channel, instead of a single high-powered rig, to cover their service area.

Consider the case of a viewer in Carthage, Tennessee, 83km (about 50 miles) from the WSMV-DT tower in Nashville. This viewer is predicted to receive a 52dBu signal from WSMV. (in practice the signal will probably be quite a bit lower as the populated areas of Carthage are on low ground!)

Imagine that WSMV decides to install a second DTS transmitter on the WUCZ-FM tower, about four miles north of Carthage. This transmitter runs 250 watts at a height of 30 meters (about 100'). The second transmitter is predicted to provide a 64dBu signal – 12dB stronger – to the viewer in Carthage. Again, in practice the advantage is likely to be even greater because of the terrain blockage in most of Carthage.

In most cases, additional DTS transmitters must locate their coverage areas inside the area specified by a "Table of Distances", located in new FCC Regulation 73.626. For example, any DTS transmitters for WSMV-DT (channel 10 in Zone 2) must confine their 36dBu signal to within 123km of the "reference point" - in most cases (including WSMV's) their existing DTV transmitter.

In some cases, a station's analog coverage extends beyond the area specified in the Table of Distances. Such stations may extend their DTS coverage to their old analog coverage area. WECT-6 Wilmington, N.C. is specifically mentioned in this proceeding; when their analog station was shut down, the FCC received a large number of calls from viewers who lived within the station's analog coverage area but outside its DTV area.

Stations may also extend DTS coverage outside their analog service area to reach viewers who have lost service from another affiliate of the same network. In both of these situations, stations have only until August 18, 2009 to apply for these additional DTS facilities.

Finally, stations may extend their DTS coverage to equal that of the largest (coverage) station in their market. This is under the same rule that allowed a Columbus, Ohio DTV station to apply for 1700kw (for a single transmitter), 70% more power than is normally authorized for a DTV station. The Commission says "...DTV stations likely will not actually need to exceed the ERP and antenna HAAT limits...", but in theory there is no limit to the power and antenna height of a DTS transmitter.

(just as, in theory, there is no limit to the power and antenna height of a main DTV transmitter, if that power is necessary to match the coverage of the market's largest station. In practice, of course the coverage of the largest station sets one limit! - and other limits are set by RF exposure safety limits and availability of very high-powered transmitting equipment, and especially by the need to avoid interference to other DTV stations.)

The Commission considered allowing a "DMA Approach" to limiting DTS coverage areas. This approach would have allowed a station to establish DTS coverage anywhere within the Nielsen Designated Marketing Area. (DMA) In the heavily-populated Northeast and Great Lakes areas, stations' coverage areas are similar to or larger than their DMAs, so a DMA Approach would have no advantage. But in the West, DMAs can cover vast areas. The Wichita DMA covers roughly two-thirds of the entire state of Kansas; the Salt Lake City DMA envelopes all of Utah.

In the interest of maintaining opportunities for successful new local stations in outlying areas of large DMAs, and maintaining available channels for LPTV and Class A stations, the Commission refused to go with the DMA Approach.

They did remind broadcasters that they will entertain applications for on-channel DTV translators. From a technical standpoint, these really are no different from additional DTS transmitters; the differences are strictly regulatory. (the on-channel translators are secondary service which can be bumped by new full-power stations, and they require additional licenses – they are not covered by a DTV station's own license – and can only be filed for during LPTV filing windows.)

Another concern was "cherry-picking". This is the (hopefully theoretical) practice of building DTS transmitters only in particularly desirable parts of the service area and leaving other areas unserved.

Imagine a DTV station in Sheboygan, Wisconsin, about 40 miles north of Milwaukee. Without "cherry-picking" rules, this station might choose to build three DTS transmitters: a modest-powered rig in Sheboygan just large enough to provide a city-of-license signal across the city; and two one-watt transmitters across the street from the cable headends in Milwaukee and Green Bay, just powerful enough to entitle the station to must-carry protection in those

large cities. Vast areas between Sheboygan and Green Bay, and between Sheboygan and Milwaukee, would be unserved.

The DTS rules attempt to prevent this practice. For one thing, they will require the coverage of the various DTS transmitters to be contiguous – each transmitter's coverage must overlap that of at least one other transmitter. The hypothetical Sheboygan station would be unable to meet that test. Finally, the FCC considered establishing regular rules for DTS at LPTV and Class A stations. They decided not to do so at this time. Such stations may still file for experimental Special Temporary Authority for DTS.

Do not expect this decision to set the TV world on fire. The footnotes in the FCC document note two cases where stations received experimental authority to test DTS but have since ceased DTS operation. (WPSU-15 Clearfield, Pennsylvania and WTTK-54 Kokomo, Indiana)

Univision has filed for permission to ship programs across the border to XHDTV-49 Tecate. Presumably this is to become a Telefutera affiliate. (it's my understanding XEWT-12 in nearby Tijuana is already carrying Univision) The Public Notice lists the station's power as 3881kw.



Regarding KALO-DT Honolulu – they were having trouble getting a channel 10 facility approved at their existing transmitter site. It was too close to the FCC's Hawaii Monitoring Station and would likely interfere with the monitoring operations. Channel 38 was felt less likely to interfere.

It does beg the question of why the same FCC assigned channel 10 in the first place?

Good DX!





FM NEWS

From WTFDA.info and w9wi.com



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

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DECEMBER 2008

INDEX OF ABBREVIATIONS

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

Note: antenna heights are HAAT except where noted

--- CANADA ---

- CALL LETTER CHANGES -

AB	Edmonton	107.1	<u>Old Call</u> NEW	<u>New Call</u> Will become CJNW upon launch: <i>NEW 107 FM</i>	MB	Winnipeg	TBD	NEW	Will become CFJL: <i>The Jewel</i> upon launch
AB	Red Deer	100.7	NEW	Will become CKRI upon launch	QC	Camp Rupert	91.7	NEW	Will become CFJL upon launch
AB	Red Deer	TBD	NEW	Will become CKIK upon launch	QC	Camp Rupert	94.9	NEW	Will become CFAJ upon launch
AB	Spruce Grove	98.5	NEW	Will become CFWE-4 upon launch	QC	Camp Rupert	97.5	NEW	Will become CFAL upon launch
					QC	Camp Rupert	100.5	NEW	Will become CFAS upon launch

- FORMAT and SLOGAN CHANGES -

AB	Calgary	92.9	CFEX	> Modern Rock	BC	Vancouver	100.5	CKPK-FM	> <i>The PEAK</i> officially signed-on November 13 at 7 p.m. Ex: CKPD-600 AM
AB	Calgary	103.1	CIQX	> Classic Rock					
AB	Medicine Hat	93.7	CJLT	> <i>93 point 7, Today's Positive Hits</i>	NB	Shediac	89.5	CJSE	> Country (FF) // CKJSE-1 101.7 and CJSE-2 107.5

--TECHNICAL CHANGES --

AB	Lacombe	94.1	CJUV	55 kw + increases antenna height at new location at Red Deer	BC	Vancouver	100.5	CKPK	Now on; (ex: 600 kHz as CKPD) with AAA: <i>The Peak</i> 45 w; moves from 104.7
AB	Medicine Hat	105.3	CKMH-FM	100 kw-H/43 kw-V/220m, 49-41-59/110-38-24; moves from the CBC tower to the CKUA tower	MB	Winnipeg	107.9	CJNU	New station is on with AC (FF): <i>BO 90 point 7</i>
BC	Nelson	103.5	CHNV	1.1 kw/376 m, + relocates transmitter	NB	Woodstock	95.3	CBZW	Moves from 91.9
BC	Vancouver	88.1	CBU-2	New station is on // CBU-690	ON	Hanover	91.3	CFBW	Increases antenna height at new location
					QC	Levis	102.1	CFEL	78 kw; moves all facilities from Montmagny

--TECHNICAL CHANGES --

- GRANTS FOR NEW STATIONS -

				<u>CP granted for:</u>	AB	Meander River	95.9	NEW	50 w; to relay CIAM-FM
AB	Edmonton	102.3	NEW	100 kw: Hot AC	AB	Peerless Lake	96.9	NEW	50 w; to relay CIAM-FM
AB	Edmonton	107.1	NEW	40 kw: CHR	AB	Wabasca	95.5	NEW	14 w; to relay CIAM-FM
AB	Edmonton	TBD	NEW	Must find suitable frequency other than applied-for 107.1	BC	Vanderhoof	97.9	CIAM-FM-11	50 w-V/7m, 54-01-45/124-01-50; to relay CIAM-FM
AB	Fort McMurray	94.4	NEW	107 w: Aboriginal	ON	Hanover	91.3	CFBW-FM	89m, move 8km west to 44-07-44/81-07-26
AB	Red Deer	100.7	(CKRI)	100 kw: AC	ON	Kitchener	99.5	CKKW	2.1 kw: Move from 1090 kHz; format remains oldies
AB	Spruce Grove	98.5	CFWE-4	9.3 kw: Aboriginal	QC	Saint Donat	89.7	NEW	11.6 kw: will be // CBF-95.1
AB	Chateh	96.9	NEW	50 w; to relay CIAM-FM	SK	Big River	92.5	NEW	1.2 kw: will be // CKBI-900
AB	Cleardale	91.5	NEW	50 w; to relay CIAM-FM	SK	Buckland	100.1	NEW	50 w; to relay CIAM-FM
AB	Fort Chipewyan	95.5	NEW	50 w; to relay CIAM-FM					
AB	Manning	95.5	NEW	50 w; to relay CIAM-FM					

**--TECHNICAL CHANGES --
- APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -**

NB	Fredericton	94.7	CJRY	<u>Applies for:</u> Move to 104.5	ON Huntsville QC La Sarre	105.5 CFBK-FM 92.5 CJMM-1	43.4 kw/147 m 1.904 kw
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**--TECHNICAL CHANGES --
- PROPOSALS FOR NEW STATIONS -**

AB	High Prairie	93.5	CKVH	<u>Applies for:</u> 25 kw/65.9 m, 55-24-47/ 116-32-31; classic hits [would replace CKVH-1020]			when it moves to FM; will probably be located on CBEF-1-FM 103.1's tower at 42-06-46/82-39-52; this will replace the never implemented nested FM relay on 102.3 MHz
AB	St. Paul	97.7	CHLW	36 kw/122.6 m, 54-08-57/ 111-07-59; country [would replace CHLW-1310]	ON Orillia	89.1	NEW 6 kw/75 m, 44-35-33/79-26-54; Hot Adult Contemporary
BC	Lake Cowichan	98.7	NEW	5 w/14 m; community			
BC	Merritt	101.1	CJNL	200 w-H/601 m, 50-02-58/ 120-45-46 [station would move from 1230 AM, but frequency will remain as relay of CHNL-610]	ON Orillia	89.1	NEW 14.74 kw/130 m, 44-32-55/ 79-32-04; Adult Contemporary
NS	Bridgewater	100.7	NEW	10 kw/150 m, 44-23-17/64-40-44; country	ON Orillia	89.1	NEW 10 kw/231 m, 44-32-03/79-39-48, Adult Alternative
ON	Bracebridge	102.3	NEW	17 kw/41 m, 45-03-15/79-17-36; country (mutually-exclusive with Gravenhurst)	ON Orillia	89.1	NEW 3.3 kw/147 m, 44-32-55/79-32-04; CHR
ON	Brighton	100.9	NEW	1.45 kw/147 m, 44-02-44/ 77-47-32; oldies/adcon	ON Orillia	89.1	NEW 2.1 kw/169 m, 44-32-55/79-32-04; Soft Adult Contemporary
ON	Gravenhurst	101.7	NEW	3.16 kw-V/26 m, 44-56-20/ 79-20-37; oldies	ON Orillia	89.1	NEW 300 w/13 m, 44-36-36/79-24-52; Classic Rock/Country
ON	Gravenhurst	101.7	NEW	3.16 kw-V/26 m, 44-56-20/ 79-20-37; all-Canadian CHR	ON Wallaceburg	99.1	NEW 3.3 kw/147 m, 44-32-55/79-32-04; Hot Adult Contemporary
ON	Gravenhurst	101.9	NEW	50 w/60 m; TIS	ON Windsor	97.5	CBE 50 w/60 m; TIS
ON	Gravenhurst	102.3	NEW	50 kw/116 m, 44-58-42/79-10-47; Adult Contemporary/Oldies [mutually-exclusive with Bracebridge] (database says COL is Bracebridge)	ON Windsor	97.5	CBE 1 kw-V/60 m, 42-37-38/82-18-28; Adult Contemporary
ON	Gravenhurst	102.3	NEW	12.5 kw/71 m, 45-04-13/79-18-09; Adult Contemporary/Oldies [mutually-exclusive with Bracebridge] (database says COL is Bracebridge)	PEI Elmira	99.9	NEW 19 kw/130 m, 42-09-09/82-57-05; Probably on same tower as CBE-FM 89.9 [would replace CBE- 1550]
ON	Gravenhurst	102.3	NEW	6 kw-H/92 m, 44-52-06/79-19-50; Easy Listening [mutually-exclusive with Bracebridge]	PEI Elmira	103.7	NEW 3.63 kw/115 m, 46-25-25/ 62-05-27; to relay CHTN-FM Charlottetown
ON	Leamington	91.5	CBE-2	10.4 kw/58.7 m; to relay CBE	PEI St. Edward	89.9	NEW 5 kw/106 m, 46-53-34/64-08-53; to relay CHTN-FM Charlottetown
					PEI St. Edward	91.1	NEW 5 kw/106 m, 46-53-34/64-08-53; to relay CKQK-FM Charlottetown

-- DISMISSALS --

AB	Edmonton	95.7	-----	App for new station	AB	Edmonton	107.3	-----	App for new station (2)
AB	Edmonton	98.5	-----	App for new station	AB	Leduc	102.3	-----	App for new station
AB	Edmonton	102.3	-----	App for new station	AB	Red Deer	90.5	-----	APP for new station (2)
AB	Edmonton	102.3	-----	App for new station (2)	AB	Red Deer	107.7	-----	APP for new station (3)
AB	Edmonton	107.1	-----	App for new station (2)	BC	Quadra Island	92.1	-----	App for new station

- - - UNITED STATES AND TERRITORIES - - -

FULL POWER and LPFM STATIONS

- CALL LETTER CHANGES -

	<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>		<u>Old Call</u>	<u>New Call</u>
AL	Pine Level	97.5	WQLD	NE	Valentine	90.7	NEW	KMBV
AK	Unalaska	89.7	NEW	NM	Clayton	90.5	NEW	KXLM
CA	Orleans	89.5	NEW	NM	Dexter	96.1	NEW	KALN
CO	Hugo	92.3	NEW	NM	Roswell	91.7	KELT	KGCN
CO	Pueblo West	103.9	KYZX	NY	Easthampton Village	90.7	NEW	WEER
FL	Layton	88.7	WKTT	NY	Nepeague	90.7	NEW	KCBE [correct!]
FL	Palm Bay	88.5	WHYZ	NC	Harkers Island	104.5	WSTK	WAVQ [has CP from Aurora]
FL	Palm Coast	91.1	WRYZ	NC	Kannapolis	99.7	WRFX-FM	WRFX
GA	Hawkinsville	103.9	WRPG	NMI	Garapan-Saipan	89.9	NEW	KORU
GA	Jasper	88.3	WNEE	OH	Fairfield	97.3	WSWD	WYGY
GA	La Grange	91.9	WGLG	OH	South Webster	90.9	NEW	WTJM
GA	Patterson	88.1	WIVL	OH	Washington Court House			
GA	Pinehurst	98.3	WQXZ			91.1	NEW	WEWH
GA	Unadilla	99.9	WQSA	OK	Tishomingo	88.3	KAZC	KTGS
IL	Arlington Heights	92.7	WKIE	OR	Ashland	89.5	NEW	KORV
IL	De Kalb	92.5	WDEK	OR	Coos Bay	103.9	KBAE-LP	KBAV-LP
IL	Park Forest	99.9	WRZA	PA	Saint Marys	91.1	NEW	WRWV
IN	Sellersburg	93.9	WQKC	SC	Pendleton	95.9	WTCO-FM	WESL
KY	Fort Thomas	94.9	WYGY	SD	Newell	107.9	NEW	KXZT
LA	Rayne	106.7	KBEB-FM	SD	Wall	107.5	NEW	KXZS
MD	Catonsville	105.7	WHFS	TN	Lynchburg	91.9	NEW	WGBQ
MI	Frederic	95.3	NEW	TX	Carrizo Springs	93.5	NEW	KAJP
MI	South Haven	103.7	WCSY	TX	Leakey	107.7	NEW	KRKP
MI	Paradise	94.7	NEW	TX	Navasota	92.5	KMBV	KOBJ
MI	Riverside	88.7	NEW	TX	Pecos	91.3	NEW	KPKO
MS	Columbus	103.1	WMBC	TX	Wheeler	88.3	NEW	KLXL
MT	Broadus	91.1	NEW	VI	Christiansted	93.5	WYAC-FM	WVVI-FM
MT	Choteau	88.7	NEW	VA	Lexington	88.7	NEW	WRIQ
NE	Seward	89.5	NEW	WA	Cle Elum	89.7	NEW	KWSR

WA Glenoma	89.3	NEW	KBSG-FM	WI Milwaukee	94.5	WKTI	WLWK-FM
WA Hamilton	90.1	NEW	KSVU	WI Mount Horeb	106.7	WJQM	WWQN
WA Port Townsend	91.9	NEW	KPTZ	WY Reliance	88.5	NEW	KZUW
WI De Forest	93.1	WHLK	WJQM				
WI Merrill	88.1	NEW	WHJL				

*correction from last issue

– FORMAT AND SLOGAN CHANGES –

AL Eufaula	97.9	WRVX	> Adult Contemporary: <i>Lake 98</i>	MN Windom	88.1	KRLP	> Contemporary Christian: <i>K-Love</i>
AK Unalaska	89.7	KUCB	> Variety	MS McLain	96.9	WXAB	> Country // WIGG-1420
AZ Payson	101.1	KNRJ-FM	> Classic Hip-Hop: <i>92 point 7/99 point 3, The Beat [“Classic Hip-Hop??”]</i>	MO Miner	107.1	KBHI	> Adult Hits
CA Lodi	89.7	KLRS	> Contemporary Christian	MO Oran	90.5	KCGR	> Religious Teaching
CA San Francisco	106.9	KFRC-FM	> News // KCBS-740	MT Libby	101.7	KTNY	> Oldies
CA Westwood	88.5	KJCQ	> Religious Teaching	NE Merriman	91.5	KRNE-FM	> Classical // KUCV-91.1
CO Pueblo	89.5	KTSC-FM	> Urban Contemporary	NM Cannon AFB	90.7	KKCJ	> Religious Teaching
CO Pueblo West	103.9	KRXP	> Rock	NM Mentmore	88.5	KPKJ	> Religious Teaching
FL Baldwin	105.7	WHJX	> Talk: <i>Radio Free Jacksonville</i>	NY Bridgeport	99.5	WTKW	> Now relayed on WTKV-105.5 Oswego and WSCP-1070
FL Clewiston	91.5	WPSF	> Christian CHR/Rock // WMKL-91.9	NC Newton Grove	90.7	WYBJ	> Religious Teaching // WOTJ-90.7
FL Ebro	95.1	WBPC	> Oldies: <i>Beach 95 point 1</i>	NC Norlina	94.3	WJIJ	> Religious Teaching
FL Fort Myers	106.3	WJPT	> Soft AC	NC Zebulon	90.5	WAJC	> Religious Teaching
FL Inglis	104.3	WIFL	> Standards: <i>Frank 104, Sinatra and More</i>	OH Fairfield	97.3	WYGY	> Rock: <i>Sound</i>
FL Perry	93.5	WFDZ	> Country: <i>Froggy 93</i>	OH South Zanesville	92.7	WCVZ	> Hot AC
FL St. Augustine Beach	105.5	WSJF	> Talk	OH Streetsboro	88.9	WSTB	> Modern Rock: <i>After- Nation</i> (Mon-Sat); Oldies (Sunday)
GA Folkston	92.5	WFJO	> Talk // WHJX-105.7	OK Granite	104.3	KZBS	> Southern Gospel
GA Unadilla	99.9	WNNG-FM	> Talk // WNNG-1350	OR The Dalles	88.1	KQDL	> Classical // KBPS-FM 89.9
ID Parma	101.1	KWYD	> Rhythmic Top 40: <i>Wild 101 point one</i>	OR Sisters	104.1	KWPK-FM	> Hot AC
ID Sun Valley	103.7	KSKI-FM	> Adult Alternative	SD Pierre	95.3	KLXS-FM	> <i>Jack FM</i> (from Bob)
IL Clinton	95.9	WHOW-FM	> Standards: Dial Global	TX Kerrville	106.1	KKVR	> Classic Hits
IL Lena	102.1	WQLF	> Classic Rock	TX Savoy	107.3	KQDR	> Adult Hits
IL Rushville	92.5	WKXQ	> Oldies	TX Victoria	98.7	KTXN-FM	> Adult Hits: <i>Jack</i>
IN Sellersburg	93.9	WLCL	> Classic Hits	UT Blanding	92.7	KBDX	> Classic Hits
IA Adel	88.5	KIHS	> Religious Teaching	WA Walla Walla	95.7	KKSR	> Adult Contemporary: <i>Star</i>
KY Fort Thomas	94.9	WSWD	> Country: <i>The Wolf</i>	WI DeForest	93.1	WJQM	> Rhythmic CHR: <i>Jamz</i> // WWQN-106.7
LA Basile	102.1	KQIS	> Soft AC	WI Madison	99.1	WIDE-LP	> Variety
LA Opelousas	105.9	KFXZ-FM	> Urban AC	WI Marshall	90.3	WJWD	> Religious Teaching
LA Rayne	106.7	KKOO	> Oldies: <i>Kool 106 point 7</i>	WI Milwaukee	94.5	WLWK	> Adult Hits: <i>The Lake, 94 point 5</i>
LA Tallulah	97.5	KTJZ	> R&B Oldies	WI Mount Horeb	106.7	WWQN	> Country // WWQM-106.3
ME Pittsfield	99.5	WJCX	> Religious Teaching	WI Neenah-Menasha	94.3	WROE	> Adult Contemporary
MD Catonsville	105.7	WJZ-FM	> Sports: <i>105 point 7 The Fan</i>	WY Pine Bluffs	105.3	KREO	> Sports
MI North Muskegon	88.9	WHEY	> Christian CHR/Rock	WY Sheridan	94.9	KZWY	> Rock
MN Kelliher	102.5	KKWB	> Country: <i>Coyote 102 point 5</i>				

– TECHNICAL CHANGES –

– NOW ON THE AIR –

AL Athens	104.3	WZYP	100 kw/340 m, XL to 34-49-05/ 86-44-16; antenna change	FL Tampa	88.5	WMNF	7 kw/469 m, 27-49-10/ 82-15-39; Class C1
AK Unalaska	89.7	KUCB	1 kw/94 m, 53-52-35/ 166-32-24; Class A	FL Tallahassee	104.1	WGLF	100 kw/430 m, XL to 30-27-04/ 84-00-42; Class C0 from C
AR Batesville	106.9	KCCJ-LP	17 w/71 m, 35-48-31/ 91-41-53; FC from 102.3	GA Watkinsville	100.1	WPUP	4.3 kw/88 m, 33-56-28/ 83-23-55; CL from Washington
CA Fort Bragg	89.9	KJCU	130 w/106 m, 39-26-35/ 123-43-58; CL from Laytonville; Class A	ID Salmon	99.9	KXML	200 w/400 m, 45-10-02/ 113-52-14; Class A
CA Lodi	89.7	KLRS	2.5 kw/487 m, DA, 38-16-18/ 121-30-18; Class B	IN Chesterton	89.5	WBEW	4 kw/182 m, DA, 41-38-06/ 87-02-59
CA Modesto	106.9	KEQP-LP	7 w-H (drops V)/109 m, XL to 37-39-00/121-01-24	IN Woodburn	98.9	WBYS	50 kw/138 m, 40-57-14/ 84-53-07; CL from Van Wert
CA Redding	91.5	KKRO	420 w-V/376 m, DA, 40-54-27/ 122-26-37; Class A	IA Chariton	105.3	KELR-FM	34 kw/182 m, XL to 40-53-23/ 93-01-29
CA Westwood	88.5	KJCQ	800 w-H (from V)/717 m, DA, 40-14-00/121-01-11; CL from Quincy	KY Lyndon	103.1	WQNU	16.1 kw/152 m, 38-19-28/ 85-33-00
CO Bennett	107.1	KONN-FM	97 kw-H/624 m, 39-55-22/ 103-58-18; Class C	KY Shelbyville	93.3	WXLN-LP	100 w/25 m, 38-12-31/ 85-12-06
CO Fort Morgan	101.5	KTNI-FM	97 kw-H/625 m, 39-55-22/ 103-58-18; CL from Strasburg; Class C	ME Monticello	94.7	WBCQ-FM	6 kw/95 m, 46-20-30/67-49-04
CO Starkville	91.7	KCCS	370 w/303 m, 36-59-33/ 104-28-24; Class A	MA Truro	102.3	WGTX	2.15 kw/81 m, 42-01-20/ 70-04-28
FL Daytona Beach	94.5	WCFB	100 kw/451 m, XL to 28-58-47/ 81-27-20; Class C from C0	MI Adrian	107.9	WVAC-FM	87 w/25 m, 41-53-55/84-03-37; Class D
FL Gainesville	107.7	WPZM-LP	52 w (adds V)/42 m, 29-41-34/ 82-19-55; FC from 107.5	MI Cheboygan	105.1	WGFM	43 kw/295 m, 45-10-12/ 84-45-04; Class B1
FL Perry	93.5	WFDZ	6 kw/77 m, 30-08-00/ 83-35-45; Class A	MI Monroe	97.5	WYDM	49 w/41 m, 41-55-07/83-26-12
				MI North Muskegon	88.9	WHEY	1 kw/48 m, DA, 43-16-45/ 86-20-32; Class A
				MN Kelliher	102.5	KKWB	50 kw/144 m, DA, 47-44-21/ 94-41-10; Class C2
				MN Minneapolis	90.3	KFAI	900 w/241 m, DA, 44-58-34/

MN	Roseau	103.5	KRXW	93-16-21 48 kw/150 m, 48-54-10/ 95-22-38; Class C3	OR	The Dalles	88.1	KQDL	123-36-26; Class C3 500 w/-225 m, DA, 45-38-11/ 121-10-35; Class A
MN	Windom	88.1	KRLP	40 w/118 m, 43-53-03/ 95-10-56; Class A	PA	Scranton	89.9	WVIA-FM	7.4 kw/381, (to) DA, 41-10-55/ 75-52-17
MN	Winthrop	105.9	KHRS	23 kw/105 m, 44-28-25/ 94-28-15; Class C3 from A [correction from last issue]	PA	Shenandoah	91.5	WCIM	600 w/219 m, 40-50-58/ 76-06-55; Class A
MS	Port Gibson	100.5	WRTM-FM	38 kw/160 m, 31-59-38/ 90-58-15; Class C2	PR	Vega Alta	104.1	WERR	50 kw/301 m, 18-17-29/ 66-39-39; CL from Utuado; Class B
MS	Merigold	92.1	WKXY	6 kw/100 m, 33-52-49/ 90-42-24; Class A	SC	Hanahan	101.7	WAVF	100 kw/487 m, XL to 32-55-28/ 79-41-58; CL from Myrtle Beach
MO	Eldon	101.9	KZWW	43 kw/161 m (drops DA), 38-16-46/92-35-06	SC	Hollywood	99.7	WXST	70 kw/238 m, 32-49-04/ 79-50-08
MO	Gedeon	103.9	KGLU	2.5 kw/122 m, DA, 36-25-31/ 89-41-29	SC	Moncks Corner	92.5	WIHB	77 kw/486 m, XL to 32-55-28/ 79-41-58; Class C0 from C1
MO	Oran	90.5	KCGR	2.1 kw/74 m, DA, 36-59-52/ 89-38-52; Class A	TX	Aransas Pass	88.1	KKWV	28 kw-V/112 m, DA, 27-52-02/ 97-13-07
NE	Minatare	106.9	KHYY	25 kw/28 m, 41-51-50/ 103-42-20; Class C3	TX	Bastrop	107.1	KGSR	49 kw/152 m, 30-07-18/ 97-34-45; Class C2
NE	West Point	107.9	KTIC-FM	33 kw/182 m, 41-52-53/ 97-00-58	TX	Corpus Christi	88.7	KKLM	2.7 kw/264 m, 27-44-29/ 97-36-09
NV	Mesquite	96.7	KHIJ	93 kw-H/637 m, 36-38-07/ 114-07-18; Class C	TX	Fredericksburg	91.5	KBLC	3.1 kw/120 m, 30-11-49/ 98-38-19
NH	Concord	94.7	WCNH-LP	45 w/45 m, 43-12-41/71-34-06	TX	George West	93.5	KGWT	22.5 kw/105 m, 28-17-37/ 98-13-16; Class C3
NH	North Conway	103.7	WPKQ	22.5 kw/1159 m, DA, 44-16-13/71-18-17	TX	Snyder	91.1	KGWB	240 w/11 m, 32-40-46/ 100-54-51; Class A
NM	Roswell	90.1	KRLU	2.4 kw-V/120 m, 33-21-47/ 104-38-11	VA	Glade Spring	100.5	WFYE	6 kw/-4 m, 36-48-45/81-33-20
NY	Sanataria Springs	95.7	WLDM-LP	95 w-H (drops V)/31 m, XL to 42-09-18/75-51-37	VA	Windsor	105.3	WKUS	50 kw/150 m, 36-48-43/ 76-27-45; Class B
NC	Fayetteville	91.1	WYBH	255 w/195 m, 35-03-35/ 78-59-24	VA	Warsaw	107.5	WNNT-FM	6 kw/100 m, 37-56-39/76-45-05
NC	Zebulon	90.5	WAJC	1.2 kw/64 m, 35-49-19/ 78-18-36; CL from Wilson	WA	Covington	104.5	KMCQ	25 kw/97 m, XL to 47-11-13/ 121-54-11; CL from The Dalles
ND	Grand Forks	94.7	KNOX-FM	100 kw/104 m, 47-48-49/ 96-55-48	WV	Benwood	94.1	WVJW-LP	6 w/118 m, 39-59-39/80-42-40
OH	Grove City	88.1	WWGV	5.4 kw-V/83 m, DA, 39-43-16/ 83-08-36	WV	Fayetteville	100.7	WSGD	480 w/343 m, 37-55-40/ 80-58-12
OK	Granite	104.3	KZBS	1.7 kw/277 m, 34-58-39/ 99-24-35; Class C3	WV	Ripley	98.3	WCEF	6 kw/94 m, 38-46-04/81-41-09
OK	Tulsa	97.5	KMOD-FM	100 kw/453 m, 36-11-46/ 96-05-53	WI	Madison	99.1	WIDE-LP	100 w/27 m, 43-03-22/ 89-28-25
OR	Banks	107.5	KXJM	100 kw/441 m, 45-30-58/ 122-43-59	WY	Cody	91.3	KOFG	150 w/553 m, 44-29-46/ 109-09-09
OR	Monmouth	95.1	KSND	1 kw/477 m, 44-53-19/	WY	Gillette	97.3	KAML	100 kw/335 m, 43-59-57/ 105-15-15; FC from 96.9
					WY	Superior	106.7	KMRZ-FM	7 kw/482 m, 41-25-28/ 109-07-54; FC from 106.5

**- TECHNICAL CHANGES -
- FCC ACTIONS -**

AL	Millbrook	97.1	WWMG	CP GRANTED FOR: CP Mod for 5.4 kw/214 m, 32-20-06/86-17-16	FL	Juno Beach	95.5	WLDI	25-45-40/80-49-12; CL from Key Largo; Class C3 from C2
AK	Houston	88.7	KJHA	1 kw/-40 m, 61-37-53/ 149-48-46	FL	Key West	98.7	WCNK	100 kw/282 m, 27-07-19/ 80-23-20; CL from Fort Pierce
CA	Barstow	89.1	KODV	5.8 kw/219 m, DA, 34-58-17/ 117-02-22; Class B from A	FL	Key West	98.7	WCNK	100 kw/138 m, (to) DA, XL to 24-39-40/81-25-10
CA	Burney	94.3	NEW	CP Mod for 220 w/438 m, 40-52-28/121-46-15; FC from 92.9	FL	Pensacola	88.1	WUWF	CP Mod for 100 kw/187 m, XL to 30-24-13/86-59-34
CA	La Mirada	95.9	KFSH-FM	6 kw/100 m, 33-49-53/ 117-48-33; CL from Anaheim	FL	Tallahassee	106.1	WQTL	2.25 kw/165 m, (to) DA, XL to 30-29-39/84-14/00
CA	Lompoc	91.5	KRQZ	4.28 kw (adds H)/238 m, XL to 34-50-08/120-24-06	FL	Tampa	89.7	WUSF	78 kw/268 m, 27-50-50/ 82-15-50
CA	Maricopa	94.9	KXTT	6 kw/95 m, 35-05-39/119-27-40	FL	Union Park	88.3	WPOZ	13 kw/406 m, 28-36-07/ 81-05-37; Class C1 from C2
CA	Modesto	107.9	KPSR-LP	34 w-H (drops V)/50 m, XL to 37-37-58/120-59-45	GA	Hampton	107.9	WHTA	35 kw/177 m, 33-29-24/ 84-34-07
CA	Redlands	104.7	KDES-FM	1.45 kw/205 m, XL to 34-02-13/116-58-07	GA	Lumpkin	91.5	NEW	CP Mod for 5 kw/61 m, DA, 31-54-30/84-38-24
CA	Taft	106.5	KEAL	6 kw/87 m, 35-05-39/ 119-27-40	GA	Portal	100.5	WXRS-FM	50 kw/145 m, 32-25-41/ 81-48-25; CL from Swainsboro
CA	Westwood	88.5	KJCQ	CP Mod for 800 w-V (goes from H to V)/717 m, DA, 40-14-00/121-01-11; CL from Quincy	GA	Roswell	107.5	WJZZ-FM	50 kw/107 m, XL to 33-55-52/ 84-14-40; Class C3 from C2
CO	Bayfield	92.9	KAYF	9.2 kw (adds V)/344 m, 37-20-21/107-49-25; Class C2 from A	GA	Tallapoosa	88.7	WEYY	CP Mod for 2.3 kw/22 m, DA, 33-43-53/85-19-00
CO	Beulah	94.7	KFVR-FM	118 kw/118 m, 37-52-40/ 104-57-19; CL from La Junta; Class C3 from C1	HI	Makawao	94.3	KDLX	CP Mod for 760 w-H/933 m, 20-46-31/156-14-49; Class C2 from A
CO	Del Norte	96.5	KSLV-FM	911 w/485 m, 37-43-47/ 106-35-18	HI	Wailuku	95.1	KAOI-FM	3.54 kw/933 m, XL to 20-46-31/ 156-14-49; Class C1 from C
FL	Big Piney Key	104.1	WWUS	100 kw/138 m, (to) DA, 24-39-40/81-25-10	ID	Culdesac	98.5	KZID	4.7 kw/234 m, 46-19-46/ 116-38-00; CL from Orofino
FL	Hammocks	91.9	WMKL	18.5 kw/116 m, XL to	ID	Parma	101.1	KWYD	100 kw/305 m, XL to 43-24-09/ 116-54-09; CL from McCall; Class C0 from C1
					ID	Pocatello	90.3	KZJB	3 kw-H//26.5 kw-V/325 m, DA, 42-51-46/112-31-03; Class

IL	Rock Island	92.5	WGVV-LP	C1 from C3 66 w-H/37 m, XL to 41-29-24/ 90-32-14	OH	Fairborn	106.9	WWSU	20 w/64 m, XL to 39-46-57 /84-03-42
IL	Woodstock	91.7	WZKL	6.5 kw-V/108 m, DA, 42-17-56/88-35-34	OH	Munroe Falls	98.1	WKDD	50 kw/105 m, XL to 40-57-10/ 81-19-20; CL from Canton
IN	Lebanon	91.1	WIRE	3.2 kw-V/64 m, DA, XL to 40-03-48/86-26-29	OH	Westerville	97.5	WOBN	29 w-H/20 m, 40-07-28/ 82-56-06; FC from 101.5
IA	Creston	90.9	KLOX	45 kw-V/155 m, 41-04-38/ 94-19-09; Class A to C2	OH	Pemberville	103.7	WCKY-FM	50 kw/131 m, 41-08-20/ 83-14-45; CL from Tiffin
KS	Columbus	107.1	KJML	CP Mod for 11.7 kw/149 m, 37-14-15/94-44-15; CL from Baxter Springs; Class C3 from A	OK	Atoka	102.1	KHKC-FM	750 w/137 m (drops DA), 34-25-08/96-11-24
KS	Enterprise	90.5	KBMP	100 kw/117 m, (to) DA, 39-07-54/97-19-59; Class C1 from C3	OK	Carnegie	89.5	KJCC	50 kw/141 m, 35-24-37/ 98-16-44; Class A to C2
MA	Dennis	96.3	WRZE	3.9 kw/91 m, 41-43-44/ 70-10-02	OR	Government Camp	94.3	KTIL-FM	3.4 kw/513 m, XL to 45-20-01/ 121-42-45; CL from Tillamook; Class C2 from C3
MI	Bear Creek Township	89.3	WTLI	50 kw-V/312 m, DA, 45-10-12/ 84-45-04	OR	Grants Pass	106.7	KCGP-LP	100 w-H (drops V)/-101 m, 42-23-45/123-20-43
MI	Flint	95.1	WFBE	34 kw/97 m, DA, XL to 42-58-26/83-39-01	PA	Allentown	89.3	WJCS	120 w-V/279 m, DA, 40-33-52/ 75-26-25
MI	Riverside	88.7	WSIS	CP Mod for 6 kw/ 46-27-34/99-55-12; Class C0	PA	Scranton	89.9	WVIA-FM	7.4 kw/381 m, (to) DA, 41-10-55/75-52-17
ND	Linton	100.3	NEW	95 kw/250 m, 46-47-31/ 92-07-21	RI	Westerly	103.7	WEEI-FM	37 kw/173 m, 41-34-23/ 71-37-58; Class B
MN	Duluth	103.3	KUMD-FM	CP Mod for 13 kw-V/81 m, DA, 43-42-14/92-22-48; Class C3	SC	Cross Hill	94.1	WYOR	3.2 kw/125 m, (drops DA), 34-12-16/81-54-37
MN	Spring Valley	89.1	KVCS	6 kw/88 m, (drops DA), XL to 32-31-24/90-15-52	SC	Forestbrook	96.1	WKZQ-FM	8.5 kw/265 m, 33-35-27/ 79-02-55; CL from Hanahan; Class C2 from C1
MS	Flora	103.9	WYAB	3.9 kw/125 m, 34-24-33/ 88-32-24; Class A	SC	Murrells Inlet	88.3	WMBJ	20 kw (adds H)/90 m, DA, 33-36-28/78-59-25; Class C3 from A
MS	Marietta	96.3	WXWX	2.2 kw/168 m, 31-04-39/ 90-04-46	SC	Orangeburg	95.7	WQKI-FM	6 kw/100 m, 33-27-13/ 80-57-15; FC from 102.9
MS	Tylertown	107.3	WFCG	81 kw-H/90 kw-V/266 m, XL to 39-05-26/94-28-18	SD	Arlington	89.9	KSRJ	CP Mod for 21 kw/142 m, DA, 44-20-23/97-09-17
MO	Kansas City	89.3	KCUR-FM	40 kw/122 m, 38-36-47/ 90-20-09	TN	Lebanon	98.9	WANT	5.34 kw/106 m, XL to 36-09-20/86-22-33
MO	St. Louis	102.5	KEZK-FM	8.6 kw (adds V)/169 m, 42-34-38/96-48-49	TX	Center	100.5	KQBB	8.7 kw/170 m, (to) DA, 31-43-34/94-15-27
NE	Allen	100.9	KHSK	CP Mod for 9 kw/86 m, DA, 40-45-07/97-27-04	TX	Freer	90.7	KPBN	21 kw/110 m, (to) DA, XL to 27-33-59/98-42-53; Class C3 from A
NE	York	90.3	KEIS	100 kw-H (drops V), 576 m, 36-38-26/115-55-27; CL from Hurricane, Utah	TX	Kingsville	92.7	KKBA	13 kw/251 m, XL to 27-33-00/ 97-35-00
NV	Indian Springs	103.1	KURR	1.85 kw/131 m, XL to 43-56-50/71-05-46	TX	Victoria	107.9	KIXS	100 kw/154 m, XL to 28-42-25/ 96-50-06
NH	Conway	104.5	WVMJ	12.5 kw/120 m, 36-41-46/ 108-13-13	UT	Hurricane	99.9	KONY	99 kw/620 m, 36-50-49/ 113-29-28; CL from St. George, UT
NM	Fruitland	91.7	KTGW	100 kw/420 m, 35-32-26/ 108-44-28	VT	Bristol	90.5	WXLQ	160 w/181 m, DA, 44-13-24/ 73-07-27; CL from Vergennes
NM	Gallup	93.7	KXXI	1.45 kw/149 m, 35-33-36/ 109-06-30	VT	Hartford	95.3	WXLF	6 kw/87 m, DA, XL to 43-39-14/72-17-44; CL from White River Junction
NM	Mentmore	88.5	KPKJ	CP Mod for 25 kw/35-04-28/ 107-30-38; Class C3	VA	Amherst	107.9	WYYD	19 kw/549 m, XL to 37-28-19/ 79-22-28
NM	Skyline-Ganipa	95.9	KANM	1 kw/84 m, 44-43-16/73-44-11	VA	Sweet Briar	89.5	WNRS-FM	20 kw/190 m, DA, XL to 37-26-06/78-48-15; FC from 89.9; Class B from A
NY	Dannemora	107.1	WELX	25 kw/88 m, 44-31-32/ 73-31-09; CL from Hartford, Vermont	VA	Williamsburg	102.5	WRRW-LP	55 w-H/40 m, XL to 37-17-11/ 76-44-05; FC from 100.9
NY	Keeseville	104.3	WWOD	CP Mod for 7.3 kw/183 m, 42-13-58/78-47-47	WA	Castle Rock	107.1	KRQT	800 w/523 m, 46-20-18/ 123-05-45
NY	Little Valley	105.9	NEW	CP Mod for 1.2 kw/204 m, DA, 43-20-48/75-13-59	WA	Selah	103.1	KYKV	5.4 kw (adds V)/435 m, XL to 46-38-27/120-23-46; CL from Ellensburg
NY	Remsen	90.3	WRUN-FM	18 kw/109 m, DA, 43-08-07/ 77-3503; Class B1 from A	WA	Spokane	99.9	KXLY-FM	90 kw/643 m, XL to 47-39-34/ 116-57-48
NY	Rochester	88.5	WRUR-FM	95 w-H (drops V)/31 m, 42-09-18/75-51-37	WY	Sheridan	88.9	KOHR	425 w-V/22 m, 44-47-54/ 106-55-51
NY	Sanitaria Springs	95.7	WLDM-LP	9.8 kw/335 m, XL to 35-36-04/ 82-39-07	WY	Upton	104.5	KRUG	28.5 kw/479 m, 44-28-29/ 104-26-27
NC	Weaverville	105.9	WTMT	CP Mod for 100 kw/166 m, 46-56-53/102-59-25	WY	Worland	96.1	KKLX	63 kw/175 m, XL to 44-03-31/ 107-51-12; Class C1 from C2
ND	South Heart	105.7	KDXN	CP Mod for 250 w/36 m, 48-10-45/103-33-54					
ND	Williston	91.7	KNDW						

**- TECHNICAL CHANGES -
- AUXILIARY FACILITIES -**

AUX LICENSE ISSUED FOR:									
CA	Redlands	89.1	KUOR-FM	290 w-H/139 m, 34-03-42/ 117-09-50	CA	San Jose	92.3	KSJO	7.5 kw/115 m, 37-12-32/ 121-46-21
CA	Sacramento	90.9	KXJZ	4.1 kw/111 m, 38-42-38/ 121-28-54	CO	Montrose	96.1	KSTR-FM	400 w/13 m, 38-31-00/ 107-51-08 (#1)
CA	Sacramento	90.9	KXJZ	17 kw/80 m, 38-33-10/ 121-25-09 (aux)	CO	Montrose	96.1	KSTR-FM	700 w/379 m, 39-04-00/ 108-44-41 (#2)
					FL	Pensacola	88.1	WUWF	7.5 kw/187 m, 30-24-13/

FL	Union Park	88.3	WPOZ	86-59-34 10 kw-H/448 m, 28-36-07/ 81-05-37	NY	Port Jervis	106.9	WTSX	3 kw/92 m, (to) DA, 41-22-23/ 74-43-51
ID	Hayden	94.5	KHTQ	1.9 kw/164 m, 47-37-43/ 117-18-48	NY	Rochester	91.5	WXXI-FM	4.4 kw/130 m, 43-08-07/ 77-35-03
IN	Indianapolis	96.3	WHHH	1.48 kw/70 m, 39-42-42/ 86-08-45	OK	Carnegie	89.5	KJCC	50 kw-V/141 m, (to) DA, 35-24-37/98-16-44; Class C2 from A
IN	Warsaw	98.3	WIOE-LP	25 w/24 m, 41-14-17/ 85-50-52	PA	Altoona	100.1	WWOT	360 w/269 m, 40-34-01/ 78-26-32
KS	Wichita	89.1	KMUW	90 kw/119 m, 37-46-26/ 97-30-52	PA	Mountain Top	97.1	WBHT	227 w/343 m, 41-10-56/ 75-52-22
KY	Bowling Green	88.9	WKYU-FM	980 w/192 m, 37-05-23/ 86-38-05	TN	Rockwood	105.7	WIHG	375 w/309 m, 35-53-27/ 84-52-01
KY	Lyndon	103.1	WQNU	16.1 kw/152 m, 38-19-28/ 85-33-00	TN	Spencer	107.3	WTRZ	125 w/6 m, 35-41-42/85-46-33
MD	Baltimore	97.9	WIYY	6 kw/230 m, 39-20-05/ 76-39-03	TX	Benbrook	107.1	KDXX	200 w/166 m, 32-45-01/ 97-20-03 [second aux facility]
MA	Waltham	102.5	WKLB-FM	12 kw/276 m, 42-18-37/ 71-14-14	TX	Bryan	88.5	KNFX-FM	450 w/40 m, 30-39-09/ 96-20-16
MA	Worcester	96.1	WSRS	20 kw/212 m, 42-18-34/ 71-54-10	TX	Conroe	106.9	KHPT	10 kw/458 m, 30-13-53/ 95-07-26
MN	Golden Valley	92.5	KQRS-FM	32 kw/251 m, 44-58-34/ 93-16-20	TX	Decatur	105.7	KRNB	1.2 kw/87 m, 32-49-23/ 97-12-41 (aux #2)
MN	Lake City	102.5	KMFX-FM	170 w/14 m, 44-00-12/ 92-29-07	TX	Decatur	105.7	KRNB	990 w/130 m, 33-00-20/ 96-58-59 (aux #3)
MN	Minneapolis	100.3	KTLK-FM	27 kw/251 m, 44-58-34/ 93-16-20	TX	Holliday	100.9	KWFB	600 w/90 m, 33-53-51/ 98-32-32
MN	Rochester	101.7	KRCH	400 w/14 m, 44-00-12/ 92-29-07	TX	Madisonville	96.1	KAGG	450 w/40 m, 30-39-09/ 96-20-17
NM	Farmington	92.5	KRWN	63 kw/116 m, 36-41-45/ 108-13-23; FC from to 92.9	TX	Markham	92.5	KKHA	15 w/13 m, 28-51-50/96-04-30
NM	Gallup	93.7	KXXI	940 w/33 m, 35-32-26/ 108-44-28	TX	Weatherford	89.5	KYQX	4 w/45 m, 32-45-30/97-48-38
MT	Chinook	101.3	KRYK	21 kw/188 m, 48-23-29/ 109-17-50	VA	Arlington	105.1	WAVA-FM	19.3 kw/74 m, 38-58-35/ 77-06-52
					WA	Spokane	92.9	KZZU-FM	1.9 kw/164 m, 47-37-43/ 117-18-48
					WA	Spokane	96.9	KEZE	1.9 kw/164 m, 47-37-43/ 117-18-48

**- TECHNICAL CHANGES -
- GRANTS FOR NEW STATIONS -**

				CP GRANTED FOR:					
AL	Ashland	90.9	NEW	100 w/ 20 m, 33-16-49/ 85-50-03; Class A	MS	Richton	88.9	NEW	1.8 kw/60 m, 31-20-44/ 88-45-32; Class A
AK	Glennallen	88.7	NEW	2 kw/243 m, 62-06-15/ 146-10-20; Class C3	MO	Kirksville	91.5	NEW	2.2 kw/106 m, 40-07-20/ 92-49-38; Class A
AK	Juneau	91.7	NEW	10 kw-V/-331 m, DA, 58-16-10/134-20-30; Class C3	NM	Hurley	88.1	NEW	2 kw-V/56 m, 32-49-29/ 108-14-54; Class A
AK	Nome	89.3	NEW	1 kw/-19 m, 64-31-12/ 165-22-17; Class A	NY	Napeague	90.7	NEW	10 w-H/6.25 kw-V/96 m, DA, 41-01-56/71-58-32; Class B1
AZ	Kykotsmovi	89.7	NEW	50 kw/-28 m, 35-52-53/ 110-36-24; Class C2	NC	Yadkin	90.3	NEW	1 kw-V/29 m, DA, 35-44-41/ 80-18-46; Class A
AZ	Sunrise	90.5	NEW	1 kw/574 m, 35-26-34/ 110-58-40; Class C2	ND	Max	88.1	NEW	65 kw-V/134 m, DA, 47-52-23/ 101-17-41; Class C1
CO	Arriba	88.9	NEW	6.5 kw/63 m, 39-18-52/ 103-18-22; Class C3	ND	Minnewaukan	88.1	NEW	17 kw/214 m, 48-03-48/ 99-20-09; Class C2
CO	Central City	88.9	NEW	130 w/397 m, DA, 39-51-58/ 105-32-39	OH	Lynchburg	89.9	NEW	100 w/53 m, 39-12-46/ 83-49-00; Class A
CO	Estes Park	88.7	NEW	290 w-V/14 m, DA, 40-21-38/ 105-31-12; Class A	OR	Port Orford	91.9	NEW	2 kw/244 m, 42-51-53/ 124-26-54; Class C3
CO	South Fork	91.5	NEW	280 w-V/492m, 37-43-47/ 106-35-18; Class C3	OR	Talent	92.9	NEW	360 w/401 m, 42-18-05/ 122-44-38; Class A
CO	Walsenburg	89.3	KTAW	500 w-V/115 m, XL to 37-37-39/104-49-17; Class A from C3	PA	St. Marys	91.1	NEW	110 w/186 m, 41-23-11/ 78-41-32; Class A
GA	Rockmart	107.1	WTSH-FM	CP Mod for 100 kw/158 m, XL to 34-15-03/84-59-05; Class C1 to C2	TN	Waynesboro	100.7	NEW	25 kw/100 m, 35-16-05/ 87-46-05; Class C3
IL	Murphysboro	88.7	NEW	2.95 kw-V/25 m, DA, 37-45-18/ 89-27-44; Class A	TX	Estelline	91.3	NEW	1 kw/86 m, 34-31-56/ 100-25-13; Class A
IL	Murphysboro	89.1	NEW	770 w/51 m, 37-48-35/ 89-12-24; Class A	TX	Clarendon	88.9	NEW	5 kw/107 m, 34-58-31/ 100-49-28; Class A
IL	Polo	89.9	NEW	8 kw-V/94 m, 41-55-37/ 89-46-59; Class B1	TX	Hamilton	104.9	NEW	4.2 kw/120 m, 31-40-07/ 98-02-30; Class A
IN	Clifford	89.9	NEW	100 w/25 m, DA, 39-18-27/ 85-52-12; Class A	TX	Marathon	91.5	NEW	2 kw/-16 m, 30-11-54/ 103-15-03; Class A
IN	Ellettsville	89.9	NEW	1.25kw-V/136 m, 39-11-32/ 86-41-46	TX	Pecos	91.3	KPKO	20 kw/19 m, 31-25-06/ 103-30-55; Class C3
KS	Scott City	88.5	NEW	25 kw/105 m, 38-31-35/ 100-54-42; Class C2	TX	Pineland	99.1	NEW	6 kw/100 m, 31-09-18/ 93-58-06; Class A
LA	Clinton	91.9	WWRA	5 kw/82 m, 30-49-00/ 90-48-42; Class A	TX	Sulphur Springs	91.1	NEW	800 w/58 m, 33-06-19/ 95-36-05; Class A
MA	Baptist Village	89.5	NEW	40 w-H/35 w-V/117 m, DA, 42-05-01/72-24/51; Class A	UT	St. George	91.3	NEW	5 kw/-75 m, DA, 37-09-53/ 113-25-21; Class A
MI	Paradise	94.7	WUPN	25 kw/2 m, 46-40-38/ 85-01-55; Class C3	UT	Vernal	91.7	NEW	910 w/499 m, 40-32-16/ 109-41-57; Class C3
MN	Spring Valley	89.1	KVCS	13 kw-V/81 m, DA, 43-42-14/ 92-22-48; Class C3	VA	Lexington	88.7	WRIQ	3.9 kw/67 m, 37-53-17/ 79-17-50; Class A
					WA	Cle Elum	89.7	KWSR	750 w/-140 m, 47-10-07/ 121-03-34
					WA	Glenoma	89.3	KBSG-FM	10 w-H/1 kw-V/-289 m,

WA Omak	88.5 NEW	46-32-37/122-03-36; Class A 100 w/777 m, DA, 48-27-15/ 119-18-30; Class C3	WY Rozet	99.1 KWAP	88-06-16; Class L1 16.5 kw/126 m, 44-18-10/ 105-27-00; Class C3
WI Green Bay	97.7 NEW	100 w-H/14 m, 44-28-01/			
– TECHNICAL CHANGES –					
– APPLICATIONS FROM EXISTING/PROPOSED FACILITIES –					
<u>Applies for:</u>					
AZ Coolidge	89.9 KZAI	CP Mod for 43 kw (would drop H)/615 m, DA, XL to 33-43-52/ 111-20-39; CL to Superior; Class C0 to C	MS Bentonla	92.1 WJNS-FM	Wisconsin 4.8 kw/111 m, 32-33-25/ 90-20-14; CL from Yazoo City
CA Cartago	94.5 KWTY	25 kw (would add V)/-273 m, XL to 36-11-35/118-00-31; Class A to B1	MS Forest	91.7 WSQH	CP Mod for 17.9 kw/145 m, DA, 32-23-57/89-05-02; CL to Meridian
CA Pasadena	89.3 KPCC	860 w/891 m, (to) DA, 34-13-36/118-03-58	MO Sarcoxie	89.5 KITG	CP Mod for 34 kw/96 m, DA, 37-04-34/93-55-27; Class C2
FL Callahan	93.3 WJBT	[reinstatement] 97 kw/303 m, XL to 30-16-51/ 81-34-12	MT Billings	97.1 KKBR	100 kw/152 m, 45-45-59/ 108-27-19
FL Green Cove Springs	92.7 WROO	6 kw/100 m, (to) DA; XL to 29-32-07/81-15-50; CL to Beverly Beach	MT Billings	103.7 KBBB	100 kw/152 m, XL to 45-45-59/ 108-27-19
FL Jacksonville	107.3 WPLA	APP Mod for 98 kw/302 m, 30-16-51/81-34-12; CL to Green Cove Springs	MT Broadus	91.1 KCBG	CP Mod for 20 kw/132 m, 45-28-21/105-30-00; Class A to C2
GA Pembroke	99.3 WBAW-FM	CP Mod for 100kw/247m, 32-07-29/81-49-02; FC from 99.1; CL from Barnwell; Class C1 from C3	NV Mesquite	88.5 KEKL	CP Mod for 85 kw/433 m, XL to 36-44-10/114-29-53; Class C2 to C0
GA Atlanta	91.9 WCLK	2.5 kw/94 m, (would drop DA), 33-44-56/84-24-26	NH Swanzey	97.7 WSNI	2.15 kw/169 m, 42-54-57/ 72-19-53; CL to Keene
GA Cypress Mills	89.7 W212BY	CP Mod for 8 w/49 m, 31-11-20/81-29-05; FC (return) to 90.3	NH Winchester	98.7 WINQ	2.15 kw/169 m, XL to 42-54-57/72-19-53
GA Hazlehurst	93.5 WVOH-FM	40 kw/150 m, 31-38-46/ 82-44-06; CL to Nicholls; Class C3 to C2	NM Arroyo Seco	90.9 KRRT	2.7 kw/-200 m, 36-23-51/ 105-32-34
GA Patterson	88.1 WIVL	CP Mod for 17 kw-V (would drop H)/47 m, (to) DA, 33-59-14/83-20-17; Class A to C3	NM Church Rock	103.7 KYVA-FM	1 kw/33 m, 35-32-26/ 108-44-28 (aux)
GA Thomson	89.5 WQAI	CP Mod for 1 w-H//49 kw-V/ 145 m, DA, 33-44-32/ 82-31-17; Class C3 to C2	NM Dexter	96.1 KALN	CP Mod for 50 kw/138 m, XL to 33-23-57/104-22-30
GA Toccoa	106.1 WNGC	100 kw/299 m, 34-22-39/ 83-39-35; CL to Arcade	NM Gallup	88.9 KLLU	65 w/355 m, 35-36-15/ 108-41-10
IN Bluffton	100.1 WNUY	CP Mod for 16 kw/91 m, 40-52-10/85-10-20	NM Gallup	94.5 KKOR	1 kw/33 m, 35-32-26/ 108-44-28 (aux)
IN Crown Point	90.5 WRTW	CP Mod for 3.1 kw/183 m, DA, XL to 41-20-56/87-24-02	NM Milan	88.7 NEW	APP Mod for 3.2 kw/845 m, (to) DA, 35-15-04/107-35-44 [request for reconsideration]
IA Treynor	95.3 KCSI	35 kw/178 m, 41-05-58/ 95-33-12	NY Patchogue	106.1 WBLI	APP Mod for 23.2 kw/132 m, DA, 40-50-32/73-02-25 (aux)
KS Independence	91.5 KARF	APP for 100 kw-V/100 m, (to) DA, 37-03-55/95-45-01 [reinstatement]	NY Port Chester	96.7 WCTZ	CP Mod for 3.3 kw/136 m, 40-55-55/73-51-47
KY Catlettsburg	92.7 WRVC-FM	450 w/124 m, 38-23-14/ 82-39-45 (aux)	NC Shallotte	106.3 WLTT	6 kw/93 m, 34-02-50/78-16-12; CL to Bolivia
KY Danville	107.1 WLAI	APP Mod for 3.6 kw/128 m, (to) DA, XL to 37-57-37/ 84-32-42; CL to Wilmore	OK Caddo	89.1 NEW	10 kw-V/118 m, DA, 34-13-18/ 96-22-25; Class C3
KY Hazard	101.1 WSGS	100 kw/362 m, 37-11-36/ 83-11-04; Class C to C0	OK Mustang	99.7 KZLS	CP Mod for 25 kw/100 m, XL to 35-26-48/97-48-00; CL from Alva; Class C1 to C3
KY Hyden	97.9 WZQQ	2 kw/346 m, 37-11-36/ 83-11-04	OR Bend	98.3 KTWS	50 kw/223 m, 44-04-39/ 121-19-57; FC to 98.5; Class C3 to C1
LA Norco	91.1 WNKV	1 w-H//50 kw-V/106 m, 29-49-33/90-25-44; Class C2 from A [reconsideration]	OR Gleneden Beach	97.5 KSHL	CP Mod for 2.8 kw/300 m, XL to 44-00-08/123-06-50; FC to 97.7; CL to Coburg; Class C2 to C3
ME Corinth	90.3 NEW	APP Mod for 2 kw/275 m, XL to 45-03-26/69-11-27; Class C3	OK Lawton	90.3 KVRS	CP Mod for 9.8 kw-V/80 m, (to) DA, 34-31-48/98-33-09; Class A to C3
ME Oakland	88.9 WMDR-FM	CP Mod for 10 w-H//50 kw-V, 391 m, DA, XL to 44-14-58/ 70-25-25; Class C1 from C0	OR Nyssa	98.7 KARO	85 kw/305 m, XL to 43-24-09/ 116-54-09
MI Adrian	107.9 WVAC-FM	87 w/21 m, XL to 41-53-55/ 84-03-40	OK Woodward	95.9 KOPA	25 kw/100 m, XL to 36-36-56/ 100-52-17; CL to Balko; Class A to C3
MI Escanaba	97.1 WGLQ	100 kw/451 m, XL to 46-12-19/ 86-54-32	PA Evans City	89.7 NEW	APP Mod for 140 w-H/ 6.4 kw-V/60 m, XL to 40-57-23/79-57-33; Class A to B1
MI Munising	98.3 WRUP	CP for 2.6 kw/310 m, XL to 46-36-14/87-37-15; CL to Palmer (reconsideration)	PA Jersey Shore	96.3 NEW	2.65 kw/306 m, DA, 41-13-45/ 77-22-02; Class B1
MI Powers	107.3 WUPF	50 kw/97 m, 45-42-39/ 87-20-49; Class C3 to C2	SC Whitmire	90.9 WNBK	CP Mod for 1.8 kw/102 m, DA, XL to 34-29-52/81-32-55; Class C3 to A
MN Windom	88.1 KRLP	5.2 kw/98 m, XL to 42-45-38/ 87-57-55; CL to Union Grove,	TN Lobelville	94.5 WFGZ	5.1 kw/109 m, XL to 36-04-40/ 87-01-37; CL to Bellevue; Class C2 to A
			TN Madisonville	96.1 KAGG	450 w/40 m, 30-39-09/ 96-20-17 (aux)
			TX Hunt	99.9 KRZS	CP Mod for 7.2 kw/184 m, XL to 30-09-39/99-14-40
			TX Navasota	92.5 KOBJ	3.3 kw/136 m, 30-27-58/

TX Wheeler	91.3 NEW	96-02-57 100 w-H/98 m, DA, 35-25-57 /100-16-31; Class A	WY Sheridan	89.9 KVLZ	to 44-20-27/87-48-53; CL to Glenmore
WA Elma	99.3 KDD5-FM	41 kw/620 m, 47-19-12/ 123-20-41 (aux)	WY Reliance	88.5 KZUW	CP Mod for 500 w/1 m, XL to 44-46-15/106-55-39
WA Medical Lake	88.1 NEW	APP Mod for 6.5 kw-V/870 m, DA, 48-10-50/117-59-11; antenna change	WY Wamsutter	104.3 KYPT	CP Mod for 260 w/472 m, (drops DA); XL to 41-25-39/ 109-07-17; Class A
WI Appleton	105.7 WAPL	100 kw/496 m, 44-21-34/ 87-59-05			CP Mod for 4 kw/127 m, 42-50-40/109-55-28; CL to Daniel; Class C1 to C3
WI Two Rivers	97.5 WTRW	APP Mod for 6 kw/100 m, XL			

- APPLICATIONS FOR NEW STATIONS -

Applies for:					
AL Argo	88.1 NEW	1 w-H/4 kw-V/77 m, 33-41-53/ 86-31-29; Class A	MA Fitchburg	90.1 NEW	83-40-29; Class C3 100 w/-32 m, DA, 42-35-12/ 71-51-12; Class A
AL Camden	90.5 NEW	11kw/112m, DA, 31-52-15/ 87-18-30; Class C3	MN Grand Portage	90.1 NEW	1 kw/70 m, 47-58-40/ 89-41-05; Class A
AL Dozier	90.5 NEW	300 w/74 m, 31-25-38/ 86-21-21; Class A	NE Chadron	90.5 NEW	100 w/90 m, 42-48-47/ 103-00-22; Class A
CA Kettleman City	91.3 NEW	100 w-V/50 m, 35-57-15/ 119-59-33; Class A	NV Silverpeak	106.1 NEW	39 kw-H/895 m, 37-30-47/ 117-03-12; Class C
FL Bronson	91.1 NEW	6 kw/29 m, DA, 29-25-13/ 82-39-39; Class A	NM Portales	91.7 NEW	9 kw/96 m, 34-08-06/ 103-36-58; Class C3
FL Carrabelle	89.3 NEW	100kw-V/168m, DA, 29-45-05/84-52-19; Class C1	OR Chiloquin	88.1 NEW	1.3 kw/700 m, DA, 42-24-31/ 121-40-09; Class C2
FL Hog Valley	91.5 NEW	400 w/26 m, DA, 29-30-16/ 81-57-20; Class A	PA Easton	90.5 NEW	1w-H/160w-V, DA, 40-44-37/ 75-13-09; Class A
FL Penney Farms	91.5 NEW	1.7 kw/88 m, DA, 29-51-23/ 81-55-56; Class A	PA Laporte	90.9 NEW	250 w/45 m, DA, 41-26-06/ 76-28-28; Class A
GA Cochran	90.9 NEW	63 kw-V/127 m, DA, 32-12-17/83-16-49; Class C1	TX Canadian	91.1 NEW	100 w/-4 m, 35-54-50/100- 22-57; Class A
GA Mimsville	91.1 NEW	4.1 kw/45 m, DA, 31-15-45/ 84-32-25; Class A	TX Dalhart	89.3 NEW	500 w/104 m, 36-06-35/ 102-30-31; Class A
GA Newton	89.9 NEW	2 kw-V/80 m, DA, 31-20-25/ 84-20-02; Class A	TX Del Rio	89.3 NEW	2 kw/54 m, DA, 29-22-58/ 100-44-29; Class A
GA Soperton	88.1 NEW	5 kw/87 m, DA, 32-21-15/ 82-37-04; Class A	TX Savoy	107.3 KQDR	2.3 kw/163 m, 33-37-30/ 96-20-03; Class A
KS Liberal	91.5 NEW	5 kw-V/22 m, 37-02-53/ 100-54-34; Class A	TX Stratford	91.1 NEW	100 w-H/36 m, 36-19-31/ 102-03-11; Class A
IN Rochester	90.1 NEW	300 w/95 m, 41-03-17/ 86-15-03; Class A	UT Cedar City	88.9 NEW	6.7 kw/794 m, 37-32-29/ 113-04-04; Class C1
KY Jackson	89.7 NEW	400 w/106 m, DA, 37-34-08/ 83-16-28; Class A	WA Westport	91.1 NEW	6.8 kw-H/25 m, 47-01-13/ 124-09-52; Class C3
KY Owingsville	89.3 NEW	11 kw/76 m, DA, 38-15-34/			

TRANSLATORS and BOOSTER STATIONS

--CALL LETTER CHANGES--

AL Alexander City	107.5 W295BG	W296BX	NV Las Vegas	99.7 NEW	KHYZ-FM2
AR Piggott	90.9 K268BM	K215EX	NV Logandale	93.5 KADD-1	KADD-FM1
CA Palos Verdes	104.9 NEW	K285FZ	NJ Franklin Township	104.7 NEW	W284BW
CA Pleasanton	106.9 KFRC-1	KFRC-FM1	NM Mimbres	100.9 K263AX	K265EI
CA San Dimas	98.3 NEW	KRCV-FM1	NY Highland	95.7 W234AY	W239BL
CA Dunsmuir, McCloud, etc	92.3 K220EC	K222BR	NY Ithaca	95.9 W238AA	W240CB
CA Santee	96.1 NEW	KSIQ-FM1	NY Ithaca	103.3 W276AO	W277BS
CO Granby	91.9 K221EB	K220JN	NY Middletown	94.3 W229AA	W232BT
CO Mesa	98.9 K288BR	K255CB	NY Nunda	100.9 W262BE	W265BX [CP from Ossian]
FL Big Pine	95.1 W235AM	W236BW	NY Penn Yan	102.7 W273AF	W274AG
FL Marathon	106.1 W238BU	W291CE	OH Columbus	88.3 W201AK	W202CC
FL Okeechobee	100.9 W263BB	W265BV	OK Oklahoma City	100.1 K259AM	K261DP
GA Adairsville	101.7 W266AY	W269CC	OK Purcell	96.5 K245AN	W243BK
GA Blairsville	101.3 W266AC	W267BC	OR Bend	98.9 K257FB	K255CA
GA Cuthbert	89.7 W211BY	W209CC	PA Harvey's Lake	99.9 W259BA	W260AY
GA Homerville	98.3 W249CG	W252CC [correction from last issue]	PA Mehoopany	104.3 W283BG	W282BK
GA Kennesaw	92.1 W275AQ	W221CG	PA Mifflinville, etc.	102.3 W219AX	W272CI
GA Tallapoosa	91.3 W216CE	W217BT	PA Tyrone	100.7 W267AC	W264BZ
GA Warner Robins	89.3 NEW	W207BZ	PA Wyoming	104.5 W280DY	W283BJ
ID American Falls	105.1 K289BL	K286BP	PR Ceiba	98.5 WPRM-1	WPRM-FM1
ID Pocatello	107.5 K299AH	K298BE	PR Mayaguez	102.9 WDIN-2	WDIN-FM2
IL Morton	103.1 W276CC	W277BZ	TN Bristol	97.9 W249AK	W250BG
IA Spencer	98.3 K252EX	K254BG	TN Cookeville	90.5 W212CF	W213BT
KS Haysville	95.5 K240DM	K238BD	TN Kingsport	100.7 W263AU	W264BY
KY Winchester	91.7 W273BT	W219DM	TN Petersburg	95.9 W239AA	W240CC
ME Southwest Harbor	91.3 W218BD	W217BK	TN Union City	102.3 W218BE	W272CL
MI Three Rivers	97.1 W245BM	W246BW	UT Price	102.5 K220ET	K273BT
MN Fairmont	90.7 K215ES	K214EO	VA Ashland	102.5 W274AV	W273BU
MO Osage Beach	97.5 K245BB	K248BP	WA Bellingham	88.3 K201FH	K202DV
MT Dillon	90.1 K212DT	K211FJ	WA Moclips	92.5 K225BJ	K223BQ
MT Helena	93.1 K228EN	K226BI	WA Mount Vernon	88.3 K201EB	K202ED
NE Paxton	104.3 K288GD	K285FV	WI Medford	98.7 W201CX	W254BB
			WI Mercer	99.3 W204BY	W257CN
			WI Merrill	98.7 W201CW	W254AX

-TECHNICAL CHANGES-

– NOW ON THE AIR –
(antenna heights are AGL)

AL Auburn	98.7	W254AY	19 w/38 m, 32-34-46/85-29-27				97-19-43
AL Garden City	95.3	W237DH	10 w-V (drops H)/9 m, XL to 33-58-07/86-44-27; CL from Good Hope	ME Southwest Harbor	91.3	W217BK	38 w/20 m, 44-16-48/68-20-04; FC from 91.5
AL Priceville	105.3	W287AD	250 w/55 m, DA, 34-32-32/86-54-14	MA Gloucester	101.5	W268AM	38 w/30 m, 42-37-28/70-39-15
AK Valdez	91.9	K220AD	1.09 kw-H/0 m (correct); DA, XL to 61-07-46/146-21-27	MI Three Rivers	97.1	W246BW	115 w/85 m, 41-55-43/85-38-15
AR Glenwood	98.9	K255BH	250 w/91 m, 34-18-38/93-32-04; CL from Arkadelphia	MN Golden Valley	90.7	K214DF	10 w/243 m, 44-58-36/93-16-15
AR Jonesboro	107.5	K298AV	250 w/91 m, 35-49-27/90-44-48	MO Osage Beach	97.5	K248BP	62 w (adds H)/144 m, 38-12-04/92-48-03; FC from 96.9; CL from Hermitage
AR Prairie Grove	107.1	K298BB	22 w/43 m, 36-01-04/94-13-08; FC from 107.5	MT Dillon	90.1	K211FJ	84 w-V10 m, DA, 45-14-22/112-40-03/; FC from 90.3
CA Burney/Redding	92.5	K225AJ	10 w-V/16 m (drops DA), XL to 40-36-09/122-39-01; FC from 92.9	MT Helena	93.1	K226BI	250 w-V/39 m, DA, 46-46-07/112-01-21; FC from 93.5
CA Cathedral City	101.9	K270AI	10 w/12 m, (to) DA, XL to 33-52-04/116-25-59	NE Paxton	104.3	K285FV	99 w/43 m, 41-08-18/101-21-41; FC from 104.9
CA Chester	88.9	K205EJ	5 w-V/27 m, DA, 40-14-00/121-01-11	NV Riepetown/Ely	91.3	K217DN	10 w/29 m, 39-18-54/115-05-19
CA Cotati	105.7	K289AS	10 w/6 m, DA, 38-19-56/122-35-40	NH Bristol	94.5	W233AY	10 w/7 m, XL to 43-32-02/71-45-39; CL from New Hampton
CA Dunsmuir, McCloud, etc	92.3	K222BR	10 w-V/12 m, DA, 41-13-21/122-17-50; FC from 91.9	NM Cuba	92.7	K224CW	62 w/47 m, XL to 36-06-56/106-57-13
CA Santa Rosa	107.5	K298AZ	8 w/53 m, 38-30-31/122-39-41	NM Cuba	99.9	K260AP	62 w/41 m, XL to 36-06-56/106-57-13
CA Santa Rosa	107.9	K300AO	10 w/53 m, 38-30-31/122-39-41	NM Las Cruces	88.1	K201CC	250 w-V (from H)/52 m, DA, XL to 32-15-38/106-46-00
CA Santa Susana	104.7	KCAQ-FM2	95 w/3 m, DA, 34-15-24/118-38-24	NY Batavia	102.9	W278BH	29 w-V/73 m, DA, XL to 42-59-07/78-09-35; FC from 103.5
CO Berthoud	102.7	K274BW	250 w (adds H)/48 m, DA, 40-00-43/105-11-16	NY Batavia	105.5	W286BQ	180 w-V/73 m, DA, XL to 42-59-07/78-09-35; FC from 105.1; CL from Le Roy
CO Granby	91.9	K220JN	115 w/17 m, (to) DA, 40-02-20/105-53-30; FC from 92.1	NY Highland	95.7	W239BL	10 w-V/4 m, DA, 41-50-27/73-59-24; FC from 94.7
CO Mesa	98.9	K255CB	175 w-V (drops H for V)/6 m, XL to 39-19-26/108-13-17; FC from 105.5	NY Ithaca	103.3	W277BS	250 w-V/28 m, DA, 42-25-47/76-29-49 [freq correction from last issue]
CO Rangely	91.9	K220BM	28 w/14 m, DA, 40-09-30/108-56-56	NY Ithaca	107.7	W299BI	99 w-V/25 m, DA, 42-25-24/76-30-08
CT Montville	94.9	W236BM	6 w/96 m, 41-28-07/72-12-15; FC from 95.1	NY Middletown	94.3	W232BT	38 w/15 m, 41-27-16/74-25-06; FC from 93.7
FL Big Pine	95.1	W236BW	250 w-V (drops H)/6 m, XL to 24-37-00/81-36-37; FC from 94.9; CL from Key West	NY Watkins Glen	104.1	W281AT	10 w/34 m, 42-22-58/76-40-08
FL Key West	104.9	W285EH	250 w-V (drops H)/6 m, XL to 24-35-16/81-40-31	OH Columbus	88.3	W202CC	10 w/259 m, (to) DA, 39-56-14/83-01-16; FC from 88.1
FL Marathon	105.3	W287BJ	250 w-V (drops H)/6 m, 24-42-37/81-05-51	OK Grove	98.5	K253AQ	250 w-V/8 m, XL to 36-37-30/94-48-41
FL Marathon	106.1	W291CE	250 w (adds H)/6 m, XL to 24-42-37/81-05-51 ; FC from 95.5; CL from Ramrod Key	OK Oklahoma City	100.1	K261DP	92 w/103 m, XL to 35-39-38/97-28-14; FC from 99.7
FL Miami Beach	95.3	W237CI	250 w-V/5 m, 25-38-25/80-17-27; CL from Cutler Ridge [corrected data from last issue]	OK Purcell	96.5	K243BK	75 w-V/8 m, XL to 35-07-26/97-22-33; FC from 96.9
FL Naples	107.5	W298AW	170 w/36 m, XL to 26-09-36/81-45-09	OR Klamath Falls	99.9	K260AK	10 w-V/18 m, 42-05-50/121-37-42
FL Okeechobee	100.9	W265BV	55 w/56 m, 27-12-57/80-48-42	OR Portland	92.7	K224DL	16 w/26 m, XL to 45-21-13/122-59-04
FL Pery	95.3	W237CN	27 w (adds H)/82 m, XL to 30-08-00/83-35-45	PA Dickson City	95.1	W287BN	3 w-V (from H)/12 m, DA, XL to 41-23-39/75-37-58; FC from 105.3; CL from Lake Winola
GA Adairsville	101.7	W296CC	163 w/76 m, 34-27-40/84-53-44	PA Dushore	94.5	W233BL	180 w (drops H)/10 m, DA, 41-31-33/76-24-35
GA Blairsville	101.3	W266AC	10 w/6 m, XL to 34-52-00/83-57-21; FC from 101.1	PA Honesdale	104.3	W282BF	10 w/34 m, 41-34-45/75-10-42
GA Cuthbert	89.7	W209CC	27 w/59 m, 31-46-50/84-47-20; FC from 90.1	PA Mahopany	104.3	W282BK	140 w-V/17 m, DA, 41-30-45/76-04-16; FC from 104.5
GA Kennesaw	92.1	W221CG	55 w/14 m, XL to 34-03-57/84-43-24; FC from 102.9	PA Tyrone	100.7	W264BZ	160 w/41 m, DA, XL to 40-43-47/78-19-23; FC from 101.3; CL from Altoona
GA Tallapoosa	91.3	W217BT	10 w/91 m, 33-47-02/85-09-42 ; FC from 91.1	PA Wyoming	104.5	W283BJ	10 w (adds V)/20 m, DA, 41-18-54/75-53-19
GA Warner Robins	89.3	W207BZ	1 w/45 m, 32-36-28/83-39-52	SC Anderson	91.9	W217AO	27 w/82 m, 34-30-53/82-38-17; FC from 91.3
ID Moscow	105.3	K287AG	10 w (adds H)/12 m, XL to 46-48-40/116-54-55	SC Florence	95.1	W237AS	110 w/24 m, 34-11-50/79-45-51; FC from 95.3
ID Pocatello	95.3	K237FA	41 w/8 m, DA, 42-52-26/112-30-47	SC Spartanburg	97.1	W246BU	19 w/43 m, 35-01-35/81-48-48
ID Pocatello	107.5	K298BE	10 w-V/5 m, XL to 42-48-30/112-29-09; FC from 107.7	SD Sioux Falls	105.5	K288GA	220 w/52 m, XL to 43-32-03/96-44-22
IN Bloomington	95.9	W240AT	220 w/41 m, 39-09-12/86-31-00	TN Columbia	91.9	W217AV	38 w/34 m, XL to 35-37-01/87-02-40; FC from 91.3
IN Flat Rock	102.5	W273AH	170 w/4 m, (to) DA, 39-23-15/85-51-20	TN Cookeville	90.5	W213BT	10 w/53 m, 36-07-52/85-27-28; FC from 90.3
IA Spencer	98.3	K254BG	250 w/115 m, XL to 43-09-57/95-08-46; FC from 98.7	TN East Union	94.1	W231BU	250 w/151 m, 35-38-49/88-50-00
KS Haysville	95.5	K238BD	250 w/77 m, 37-36-05/	TN Petersburg	95.9	W240CC	10 w-V/8 m, 35-16-40/86-40-32; FC from 95.7; CL

TN	Kingsport	100.7	W264BY	from Fayetteville 70 w-V/23 m, DA, 36-31-37/ 82-35-11	WA	Camano	102.1	K271AH	77-12-05 115 w/22 m, XL to 48-18-49/ 122-32-23
TN	Union City	102.3	W272CL	2 w (adds H)/145 m (drops DA), 36-24-47/89-08-59; FC from 91.5	WA	Chehalis	91.9	K220HE	13 w-V/39 m, (to) DA, 46-33-16/123-03-26
TX	Austin	102.7	K274AX	75 w/100 m, 30-19-24/ 97-48-06	WA	Moclips	92.5	K223BQ	250 w-V/30 m, 47-13-07/ 124-12-08; FC from 92.9
TX	Corpus Christi	103.3	K277BL	115 w/130 m, 27-46-10/ 97-26-55; CL from Ingleside on the Bay	WA	Sequim	102.3	K219KP	200 w-V/13 m, DA, 48-08-08/ 123-09-44; FC from 91.7
TX	Dumas	88.1	K201IA	140 w/93 m, 35-55-13/ 101-57-54	WI	Appleton	95.3	W237AA	99 w/119 m, 44-15-37/ 88-22-00
TX	San Antonio	102.3	K272EK	99 w/81 m, 29-26-29/98-30-22	WI	Berlin	97.3	W247AZ	55 w/58 m, 43-56-55/ 88-59-09
TX	Weatherford	89.5	KYQX-FM1	4 w/15 m, 32-45-30/97-48-38	WI	De Pere	89.7	W209BM	10 w-V/90 m, 44-21-32/ 87-58-58
TX	Westlake Hills	95.1	K236AY	75 w/100 m, 30-19-24/ 97-48-06	WI	Medford	98.7	W254BB	80 w/31 m XL to 45-07-44/ 90-20-13; FC from 88.1
UT	Manti	95.1	K236BE	250 w/30 m, DA, 39-19-17/ 111-46-11; CL from Salina/Redmond	WI	Merrill	98.7	W254AX	99 w/28 m, 45-09-47/ 89-42-19; FC from 88.1
UT	Price	102.5	K273BT	250 w-V/16 m, DA, 39-10-58/ 110-36-33; FC from 91.9	WY	Rock Springs	105.9	K290BJ	13 w/15 m, 41-29-50/ 109-20-36
VT	Hinesburg	95.1	W236BQ	10 w/7 m, 44-22-13/73-06-18	WY	Sheridan	95.9	K240DW	250 w/15 m, 44-37-20/ 107-06-57
VT	Island Pond	101.9	W270BR	10 w/10 m, XL to 44-47-04/ 71-53-12					
VA	Waverly	106.1	W291AJ	27 w (adds H)/78 m, 37-03-00/					

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

AL	Cullman	97.3	W247BI	CP GRANTED FOR: 250 w-V (drops H)/6 m, 34-24-55/86-55-31	MI	Bessemer	92.9	W225AV	10 w/61 m, XL to 46-29-29/ 90-01-28
AL	Madison	103.9	W278AA	99 w/180 m, XL to 34-49-06/ 86-44-16; FC from 103.5	MN	Fairmont	90.7	K214EO	160 w/21 m, 43-36-53/ 94-31-05; FC from 90.9
AR	Piggott	90.9	K215EX	92 w/77 m, 36-15-16/ 90-24-35; FC from 101.5	MN	Fridley	102.5	K273BH	41 w/243 m, 44-58-36/ 93-16-15
CA	Clarksville	99.1	K256AG	10 w/64 m, XL to 38-38-53/ 121-05-51	MT	Kalispell	103.5	K278BI	70 w/30 m, XL to 48-09-57/ 114-19-49
CA	Mountain Village	98.3	K252DZ	CP Mod for 10 w-H/57 m, XL to 37-59-29/107-58-21; CL from Redvale	NH	Littleton	94.1	W231BW	250 w/30 m, 44-18-47/ 71-46-08
CA	Palm Springs	90.5	K213AB	10 w (adds V)/9 m, DA, 33-52-04/116-25-59	NH	Manchester	94.1	W231BR	250 w/39 m, (to) DA, XL to 43-00-45/71-26-30
CA	San Luis Obispo	88.9	K205DS	10 w/27 m, 35-21-37/120-39-20	NM	Mimbres	100.9	K265EI	23 w/2 m, DA, 32-55-27/ 108-10-46; FC from 100.5
CO	Glenwood Springs	93.9	K228DD	190 w-V/9 m, DA, 39-33-43/ 107-19-01; FC from 93.5	NY	Ithaca	95.9	W240CB	250 w (adds V)/9 m, DA, XL to 42-26-57/76-32-22; FC from 95.5
CO	Limon	91.9	K220IK	75 w-V/67 m, (to) DA, XL to 39-22-34/103-41-41	NY	Owego	107.9	W300BV	200 w-V/24 m (to) DA, 42-07-52/76-14-31
CO	Vail	88.1	K201DU	28 w/17 m, DA, XL to 39-36-58/106-26-57	NY	Penn Yan	102.7	W274AG	10 w/26 m, 42-40-05/ 77-05-27; FC from 102.5
FL	Cocoa	94.7	W234BI	30 w/76 m, 28-16-42/80-42-03	NY	Red Hook	98.9	W255BX	7 w-V (from H)/24 m, DA, XL to 42-03-05/73-52-50; CL from Hudson
FL	Coral Gables	107.1	W296BP	250 w-V (drops H)/5 m, 25-24-51/80-27-39; CL from Key Largo	NY	Saranac Lake	106.5	W293BL	165 w-H/44 m, DA, 44-20-28/ 74-07-43
FL	Deltona	97.1	W246BO	13 w/119 m, XL to 28-43-20/ 81-20-39	NY	Syracuse, Jamesville	103.5	W278AH	10 w/1129 m, DA, XL to 42-57-19/76-06-34
FL	Gainesville	88.7	W204BL	CP Mod for 19 w/73 m, 29-39-42/82-18-10	NC	Charlotte	100.3	W262BM	10 w/137 m, DA, XL to 35-16-03/80-44-35
FL	Key West	105.5	W288BV	CP Mod for 250 w-V/6 m, 24-39-42/81-24-37; CL to Marathon	ND	Valley City	102.7	K274BH	250 w/41 m, XL to 46-55-05/ 97-58-38
FL	Naples	102.3	W272BM	250 w/6 m, 26-23-46/81-52-04	OK	Owasso	94.9	K235BK	140 w-V/90 m, 36-20-02/ 95-47-08
GA	Louisville	104.7	W284BU	170 w-V/13 m, 32-59-48/ 82-24-34	OR	Grants Pass	92.9	K225AC	CP Mod for 200 w-H/12 m, DA, XL to 42-28-18/123-18-17
GA	Tallapoosa	89.7	W208BE	10 w/91 m, 33-47-02/ 85-09-42; FC from 89.5	OR	Powell Butte	106.1	K291BL	10 w-V/22 m, XL to 44-11-40/ 120-58-36; CL from Grizzly
ID	American Falls	105.1	K286BP	10 w-V/4 m, 42-46-45/ 112-50-57; FC from 105.7	OR	The Dalles	96.9	K245AF	99 w-H (drops V)/10 m, XL to 45-37-24/121-05-33
ID	Twin Falls	107.7	K299BD	50 w (adds H)/6 m, XL to 42-25-53/114-28-52	PA	Bradford	95.3	W237CS	250 w/53 m, XL to 41-48-36/ 78-23-10
IL	Quincy	89.9	W210BW	5 w/92 m, 39-55-51/91-19-55	PA	Dickson City	95.1	W287BN	3 w-V/12 m, DA, 41-23-39/ 75-37-58; FC from 105.3, CL from Lake Winola
IA	Spencer	98.3	K254BG	250 w/115 m, XL to 43-09-57/ 95-08-46; FC from 98.7	PA	Harvey's Lake	99.9	W260AY	132 w-V/8 m, DA, 41-27-07/ 76-00-33; FC from 99.7; CL from Center Moreland
IA	Estherville	96.3	K242BQ	10 w/32 m, XL to 43-24-50/ 94-51-09	PA	Martinsburg, etc.	103.1	W276AS	20 w (adds V)/42 m (drops DA), XL to 40-20-50/78-24-57
IA	Le Mars	88.7	K201ID	110 w/49 m, XL to 42-43-28/ 96-17-29; FC from 88.1	PA	New Albany	107.3	W297AY	CP Mod for 225 w-V/10 w, DA, 41-31-59/76-24-10; CL from Dushore
KY	Winchester	91.7	W219DM	10 w (adds H)/206 m, XL to 38-02-23/84-24-10; FC from 102.5	PA	Uniontown	106.3	W292DH	15 w/22 m, 39-54-50/79-37-57
LA	Baton Rouge	103.7	K279AL	19 w-V/80 m, XL to 30-25-39/ 91-04-44; CL from Millerville	PR	Anasco	104.5	W238BI	45 w/56 m, 18-19-06/ 67-10-49
LA	Denham Springs	102.9	K275AL	38 w/70 m, XL to 30-27-30/ 90-57-09; CL from Baton Rouge	PR	Ceiba	98.5	WPRM-FM1	800 w-V/24 m, DA, 18-16-50/
MD	Baltimore	97.5	W248AO	8 w (adds H)/107 m, 39-19-53/ 76-39-28					

SD Watertown	91.9 K220IT	65-40-13 CP Mod for 100 w/24 m, 44-54-23/97-06-20	UT Salt Lake City	106.1 KBMG-FM2	2.1 kw/17 m, DA, XL to 40-48-29/111-53-23
TN Bristol	97.9 W250BG	250 w/89 m (to) DA, 36-35-45/ 82-09-42; FC from 97.7	UT Salt Lake City	107.9 KUDD-FM2	220 w/27 m, XL to 40-48-29/ 111-53-23
TN Lawrenceburg	105.3 W287AA	250 w/105 m, XL to 35-15-18/ 87-19-30	VA Ashland	102.5 W273BU	14 w/62 m, 37-51-41/ 77-32-25; FC from 102.7
TN Nashville	102.1 W271AB	145 w/215 m, (drops DA), 36-08-27/86-51-56	VA Rural Retreat	101.1 W263AN	250 w/29 m (to) DA, 36-54-04/ 81-32-35; FC from 100.5
TN Pulaski	100.9 W265AQ	250 w/28 m, (to) DA, 35-12-27/87-02-00	WA Bellingham	88.3 K202DV	7 w/43 m, DA, 48-46-57/ 122-22-05; FC from 88.1
TX Canyon	94.5 K234BP	205 w/85 m, 35-02-18/ 101-54-55; FC from 94.7	WA Mount Vernon	88.3 K202ED	4 w-V/37 m, DA, 48-22-03/ 122-16-55; FC from 88.1
TX Dallas	102.5 K273BJ	250 w/155 m, XL to 32-46-43/ 96-43-51	WA Mount Vernon	89.1 K206CU	8 w-V/37 m, DA, 48-22-03/ 122-16-55; antenna change
UT Salt Lake City	100.7 KYMV-FM2	2.05 kw/17 m, DA,40-48-29/ 111-53-23	WA Walla Walla	91.9 K220JL	205 w-V/32 m (to) DA, 46-01-35/118-19-46
UT Salt Lake City	101.5 KEGA-FM3	2.1 kw/17 m, DA, 40-48-29/ 111/53- 23	WI Altoona	98.1 WISM-FM	25 kw/84 m, DA, XL to 44-46-38/ 91-28-29
UT Salt Lake City	102.3 KDUT-FM2	99 w/21 m, DA, XL to 40-48-29/111-53-23	WI Mercer	99.3 W257CN	55 w/63 m, 46-09-23/ 90-02-57; FC from 88.7
UT Salt Lake City	103.1 KJQN-FM2	2.1 kw/17 m, DA, 40-48-29/ 111-53-23	WI Wautoma	107.3 W297AH	80 w (adds V)/32 m, (drops DA), XL to 44-05-22/89-12-46

- TECHNICAL CHANGES -

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

CA Palos Verdes	104.9 K285FZ	10 w/2 m, 36-46-52/118-23-20	NJ Franklin Township	104.7 W284BW	10 w/142 m, 40-28-33/ 74-29-34
GA Swainsboro	97.1 W246BQ	225 w/78 m, XL to 32-34-55/ 82-21-22	OR Prineville	96.9 K245BC	56 w/11 m, 44-26-13/ 120-57-11
ME Bath	89.7 NEW	1 w-H/14 kw-V/60 m, DA, 43-54-51/69-36-50	PA Jonestown	97.5 W248BI	10 w/26 m, 41-07-35/76-15-59
NV Logandale	93.5 KADD-FM1	278 w/41 m, 36-19-18/ 114-55-40			

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

AR Batesville	106.9 KCCJ-LP	APPLIES FOR: CP Mod for 17 w-H (drops V)/ 71 m, 35-48-31/91-41-53	NH Exeter	88.7 NEW	to V)/6 m, DA, XL to 45-30-25/112-15-26
CA Agoura Hills	88.5 NEW	APP Mod for 10 w-V/10 m, DA, 34-05-09/118-47-03; CL to Malibu	NM Socorro	102.1 NEW	APP Mod for 100 w-V/54 m, DA, 42-54-32/70-57-15; change in antenna spec
CA Fresno	94.3 KOKO-FM1	270 w-V/56 m, DA, 36-42-36/ 119-50-06	NC Charlotte	93.9 W230AJ	CP Mod for 250 w/-145 m, XL to 34-04-35/106-54-29; Class C1 to A
CA Santee	96.1 KSIQ-FM1	125 w/12 m, DA, 32-41-53/ 116-56-00	NC Monroe	88.1 W201DI	14 w-H (drops V)/22 m, (to) DA), 35-16-02/80-54-12; FC to 94.5
CO Trinidad	89.3 K207BN	170 w-V (would drop H)/11 m (would drop DA), XL to 37-08-55/104-30-40; FC to 99.9	PA Mifflinville	102.3 W272CI	1 w/25 m, 40-56-20/ 76-25-33; FC to 101.7
FL Edgewater	95.3 WLGM-LP	100 w/29 m, 28-54-57/ 80-52-10; FC to 91.9	PR Canovanas	98.9 WYAS-FM2	APP Mod for 325 w/30 m, DA, 18-16-48/65-51-13
FL Key Largo	95.9 W241BA	250 w-V (would drop H)6 m, XL to 25-10-08/80-22-45; FC from 96.1	PR Juncos	98.9 WYAS-FM1	APP Mod for 12 w/30 m (would drop H), DA, 18-16-49/65-56-23
FL Key Largo	99.5 W257AC	CP Mod for 250 w/6 m, XL to 25-09-35/80-23-04; CL to Florida City via Islamorada [see dismissals]	TX Savoy	107.3 KQDR	CP Mod for 3.9 kw/139 m, XL to 33-42-48/96-24-01
ID Twin Falls	107.7 K299BD	50 w (would add H)/6 m, XL to 42-25-53/114-28-52	WA Bellingham	88.3 K201FH	CP Mod for 7 w/43 m, DA, 48-46-57/122-22-05; FC from 88.1
MN Fridley	102.5 K273BH	41 w/243 m, 44-58-36/93-16-15			
MT Twin Bridges	93.3 K227BM	CP Mod for 250 w-V (from H			

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

AK Galena	97.1 NEW	100 w/15 m, 64-44-34/ 156-50-30	ID Pocatello	100.7 KUPI-FM1	2.5 kw/16 m, DA, 42-50-55/ 112-26-47
AK Huslia	98.1 NEW	100 w/37 m, 65-41-48/ 156-21-52	NV Las Vegas	99.7 KHYZ-FM2	220 w/21 m, DA, 36-00-27/ 115-00-24
AK Kaltag	98.1 NEW	100 w/-85 m, 64-19-40/ 158-43-36	PA Annville	91.3 NEW	APP Mod for 100 w/6 m, DA, 40-20-38/76-29-00; Class A [resubmission]
AK Koyukuk	98.1 NEW	100 w/2 m, 64-52-58/ 157-42-10	PR Canovanas	98.9 WYAS-FM2	325 w-H/30 m, DA, 18-16-48/ 65-51-13
AK Nulato	99.1 NEW	100 w/5 m, 64-43-59/ 158-06-25	PR Mayaguez	102.9 WDIN-FM2	99 w/30 m, DA, 18-19-06/ 67-10-49
AK Ruby	98.1 NEW	100 w/-21 m, 64-44-20/ 155-28-48	PR Ponce	98.7 WUKQ-FM1	5 kw/57 m, DA, 17-59-23/ 66-37-21

- DISMISSALS -

AL Fulton	90.5 -----	APP for new station (S)	AK Kodiak	102.1 K271BF	APP for changes
AL Gadsden	88.7 -----	APP for new station (S)	AK Kodiak	104.3 K282AU	APP for changes
AL Nectar	88.7 -----	APP for new station (S)	AZ Flagstaff	101.7 K269AR	APP for 250 w
AL Springville	88.1 -----	APP for new station (S)	CA Livingston	95.9 KSKD	CP for 6 kw at Dos Palos
			CA McCloud	88.3 K202AP	APP for move to 88.9

CA Newport Beach	104.7	-----	4 APPs for new LPFM	PA Annville	91.3	-----	APP for new station
CO Nucla	101.7	K269AB	APP Mod for 70 w-H/43 m				[resubmitted with changes]
CT Middletown	104.9	WIHS	CP for 5.8 kw	PA Hamburg	89.1	-----	APP for new station
CT Niantic	89.9	-----	APP for new station (73.509)	PA Lewistown	88.7	-----	APP for new station (S)
FL Apalachicola	90.3	-----	APP for new station	PA Snow Shoe	88.7	-----	APP for new station (S)
FL Eastpoint	89.3	-----	APP for new station	PA Yeagertown	88.7	-----	APP for new station (S)
FL Flagler Beach	90.3	WJLH	APP for CP Modification	PR Levittown	88.5	WPLI	APP to move to 91.7 with 2 kw
FL Key Largo	99.5	W257AC	APP for changes ROA [see APPs]	RI Providence	93.7	W229AN	APP for changes
				SC Lexington	107.7	WGNH-LP	APP to move to 107.9
FL St. Augustine	88.9	-----	APP for new station	TN Pasquo	98.9	WRFN-LP	CP for 7 w
FL Webster	88.1	-----	APP for new station	TX Dalhart	88.1	K201HN	APP for facility change
GA Soperton	88.1	-----	APP for new station (S)	TX Dalhart	88.7	-----	APP for new station (S)
HI Pahala	90.5	KPHL	APP for changes (73.510(a) and 73.3573(g)(3) violations)	TX Lamesa	91.3	KBKN	APP for 29 kw ROA
				TX Three Rivers	90.1	-----	APP for new station
IL Macomb	89.1	-----	APP for new station	UT Cedar City	88.1	-----	APP for new station (S)
IN Argos	90.1	-----	APP for new station (S)	UT Cedar City	88.1	-----	APP for new station (S)
IN Galveston	89.7	-----	APP for new station ROA	UT Enoch	88.3	-----	APP for new station
KS Hutchinson	88.1	-----	APP for new station	UT Enoch	89.1	-----	APP for new station
KS Independence	91.5	KARF	Changes in facilities (73.510(a) violation)	UT Kanab	88.9	-----	APP for new station (S)
				UT Paragonah	88.7	-----	APP for new station
KY Fearsville	91.7	WYJZ	CP Mod for 4 kw	UT Springdale	88.7	-----	APP for new station (S)
				VA Bristol	100.5	WKJV-LP	APP to move to 103.5
MA Whately	91.3	NEW	APP for new station (73.509, 73.515, 73.525 violations)	VA Rustburg	91.7	WWEM	APP for facility change
				WA College Place	98.7	-----	APP for new station
MI Hanover	91.1	WJKZ	Mod of CP	WA Sedro-Woolley	88.9	-----	APP for a new station
MI Manistique	90.7	-----	APP for new station	WI Sheboygan	90.9	-----	APP for new station (73.510(a) violation)
MI Pinnebog	89.3	W207BL	APP for changes				
MI Riverside	88.7	WSIS	APP to modify CP (73.7002(c) violation)				
MN Crookston	97.1	KYCK	APP for changes ROA				
NE Chadron	90.7	-----	APP for new station (S)				
NV Charleston Park	105.5	K288FN	APP for changes				
NV Elko	89.3	-----	APP for new station (S)				
NY Geneva	106.3	W292DQ	APP for CP Mod				
NY Ithaca	95.9	W238AA	APP for CP Mod ROA				
NY Port Chester	96.7	WCTZ	APP for changes ROA				
NY Port Jervis	96.7	WTSX	APP for XL changes				
NY Sharon Springs	88.7	-----	APP for new station ROA				
OK Antlers	90.7	-----	APP for new station *				
OR Ashland	94.9	KSKQ-LP	APP for changes				

Violations Codes:

73.3573(g)(3) - Application error
73.509 - Prohibited overlap
73.510 - Antenna systems
73.515 - Transmitter location not providing 60 dbu coverage over CoL
73.525 - Channel 6 protection
73.7002 - Fair distribution of service on reserved band FM channels

(S) - settlement

* - Petition for reconsideration has been filed

- OTHERNEWS -

CA Taft	103.9	KBDS	Is silent (financial problems)	NM Santa Fe	94.7	KKIM-FM	Is silent due to copper thefts at shared transmitter site
FL Holly Hill	88.1	WEAZ	Is silent				with KQBA
GA Cleveland	101.9	WAZX-FM	Is silent	OR Weston	101.9	KUJJ	Now simulcasts on KVAN-1560 Burbank, Washington
ID Preston	96.7	KKEX	Fined \$9000 for failure to submit renewal application in a timely manner + public inspection file violations	PA Gap	92.9	WLRI-LP	Is silent
				PA Northeast	96.9	W245AV	License cancelled/call deleted
IN Franklin	89.5	WFCI	Fined \$3200 for public inspection file violations	PR Vieques	106.1	WVIS	Is silent
IA Patterson	105.9	KZWF	Is silent	TX Port Arthur	107.1	KSAP-LP	Is silent
IA Pleasantville	96.3	KZWF	Is silent	TX Taft	106.5	KTKY	Is silent
UT Logan	92.9	KBLQ	[see KKEX above]	VA Lexington	91.5	WLUR	Fined \$7200 for public file violations
MI Dowagiac	92.1	WHPD	Fined, along with AM, \$3000 for filing renewal application in an untimely manner	WA Walla Walla	95.7	KNLT	APP for Class C0 from C
				WV Clarksburg	88.1	WKJL	Is silent
NM Los Alamos	107.5	KQBA	Is silent due to copper thefts at shared transmitter site with KKIM				

FCC Asks for Input on FM IBOC Power Increase (Radio World Online)

Some HD Radio advocates believe it would help their technology flourish on the FM band. Others worry about its impact. The debate has a number of commercial and noncom broadcasters pushing the idea of stations hiking digital power, while NPR sounds more cautious notes.

The digital power increase proposal now is getting a closer look. The Federal Communications Commission wants public input on the feasibility of increasing FM IBOC transmitted power levels.

We've reported that a group of 18 broadcasters and four IBOC transmission manufacturers have asked the commission to let stations voluntarily increase FM IBOC power up to 10 dB, from the current level of 1 percent of a station's authorized analog power (-20 dB) to a maximum of 10 percent of a station's authorized analog power (-10 dB).

Their intent is to boost digital power levels for better building penetration and mobile and (soon) portable reception. iBiquity Digital filed studies in support of the request.

National Public Radio submitted its recently completed research on digital radio coverage and interference, funded by the Corporation for Public Broadcasting. In its studies, NPR concluded that such an increase could result in interference to reception of first- and second-adjacent channel FMs; NPR argued that further testing is necessary.

The FCC seeks comment on everything involved: the original request for the power increase as well as the iBiquity and NPR studies. Comments are due Nov. 28 and replies on Jan. 4.

Comments may be filed online by accessing the ECFS or the Federal eRulemaking Portal. The docket number is MM Docket No. 99-325.

Or to file by e-mail, send an e-mail to ecfs@fcc.gov and include the words "get form" in the body of the message.

ARRL Protests DRM Alaska Test (Radio World Online)

A leading ham group has come forward to protest the test plans of Digital Aurora Radio Technologies, the company that has an experimental authorization to test Digital Radio Mondiale broadcasts at high latitudes.

The national association for amateur radio, the American Radio Relay League, says one of the frequencies on which DART would test will interfere with amateur broadcasts, and the ARRL has asked the Federal Communications Commission to modify or cancel the experimental license. But the company tells RW it won't operate in those frequencies. The FCC amended the license.

In 2009, DART proposes to test statewide transmission of DRM at high latitudes in the 5, 7 and 9 MHz shortwave bands; it hopes the tests, if successful, will lead to a (FM News continues on page 55)

WTFDA DX Contest

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

November 2008 standings

Analog FM:

<u>DXer</u>	<u>Stations logged</u>	<u>Logging points</u>	<u>Grids</u>	<u>Total Score</u>
<i>Nick Langan Florence, New Jersey</i>	<i>1,351</i>	<i>5,159</i>	<i>238</i>	<i>1,227,842</i>
<i>Randolph Zerr Fort Walton Beach, Florida</i>	<i>715</i>	<i>2,394</i>	<i>178</i>	<i>426,132</i>
<i>Jeff Lehmann Hanson, Massachusetts</i>	<i>807</i>	<i>2,926</i>	<i>128</i>	<i>374,528</i>
<i>Douglas Smith Pleasant View, Tennessee</i>	<i>295</i>	<i>1,022</i>	<i>94</i>	<i>96,068</i>
<i>John Cereghin Smyrna, Delaware</i>	<i>318</i>	<i>1,253</i>	<i>59</i>	<i>73,927</i>
<i>Victor Frank Woodside, California</i>	<i>77</i>	<i>320</i>	<i>7</i>	<i>2,240</i>

Digital ("HD") FM:

DXer	Stations logged	Logging points	Grids	Total Score
<i>Nick Langan Florence, New Jersey</i>	<i>162</i>	<i>482</i>	<i>43</i>	<i>20,726</i>
<i>Jeff Lehmann Hanson, Massachusetts</i>	<i>112</i>	<i>310</i>	<i>29</i>	<i>8,990</i>
<i>Victor Frank Woodside, California</i>	<i>40</i>	<i>80</i>	<i>3</i>	<i>240</i>
<i>Randolph Zerr Fort Walton Beach, Florida</i>	<i>5</i>	<i>10</i>	<i>1</i>	<i>10</i>
<i>Douglas Smith Pleasant View, Tennessee</i>	<i>4</i>	<i>8</i>	<i>1</i>	<i>8</i>

Analog TV:

<u>DXer</u>	<u>Stations logged</u>	<u>Logging points</u>	<u>Grids</u>	<u>Total Score</u>
<i>Danny Oglethorpe Shreveport, Louisiana</i>	<i>266</i>	<i>628</i>	<i>114</i>	<i>71,592</i>
<i>Robert Grant Temperance, Michigan</i>	<i>237</i>	<i>698</i>	<i>87</i>	<i>60,726</i>
<i>Roy Barstow Teaticket, Massachusetts</i>	<i>230</i>	<i>716</i>	<i>76</i>	<i>54,416</i>
<i>Douglas Smith Pleasant View, Tennessee</i>	<i>73</i>	<i>202</i>	<i>30</i>	<i>6,060</i>

(Contest update continues on page 55)



PHOTO NEWS

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

December 2008

The rest from Eric Bueneman of Hazelwood, MO:



WEVV-DT-45-1 Evansville, IN
 165 mi Tr seen 10/5/08



WEVV-DT-45-2 Evansville, IN
 165 mi Tr seen 10/5/08
 "/>WTSN-LP 63"



KOLR-10 Springfield, MO
 190 mi Tr seen 7/31/08
 @1803 CT



WAND-17 Decatur, IL
 110 mi Tr seen 7/26/08
 @2222 CT



WTVW-DT-28 Evansville, IN
 165 mi Tr seen 8/2/08
 @0816 CT



WTHR-DT-46 Indianapolis, IN
240 mi Tr seen 8/2/08
@2128 CT



WFIE-DT-14 Evansville, IN
165 mi Tr seen 8/3/08
@2020 CT



WMAQ-DT-29 Chicago, IL
255 mi Tr seen 8/3/08
@2303 CT



WJYS-DT-36 Hammond, IN
245 mi Tr seen 8/3/08
@2345 CT



WTHI-10 Terre Haute, IN
170 mi Tr seen 8/2/08



KCWE-29 Kansas City, MO
225 mi Tr seen 7/31/08
@1730 CT



Eastern U.S. TV DX

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

Send reports by the 15th of each month to:

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

The Editor's Note

Some good tropo took place in November across the south and it will be sticking around in Florida and near the Gulf Coast, but now we turn our attention to Winter E-Skip for the last chance to see distant analogs. In 2007 and 2008 on the East Coast, the best openings of the Winter E-Skip period occurred on January 8 in both years, with MUF of the openings well into FM. Just based on probabilities it will probably be a different date this season, but do keep a close eye on the period between December 15 and January 15.

Robert Grant (N8NU) 231 E Temperance Rd. Temperance, MI 48182
Rg3d@yahoo.com (expect delays, no home Internet access)
 Temperance is in SE corner of MI. (EN81fs) Sylvania (Funai) 6427GFF analog/digital (2005).
 Channel Master Advantage 3020 on chimney at about 33'

11/2 Tr EDT

0157 WTTW 11 IL Chicago EN61 211

11/2 Tr EST

0100 WPXI 11 PA Pittsburgh EN90 206
 unID 16 same offset as CHWI (WQEX?)
 unID 3 East, same offset as WKYC (KYW)?

Says Robert: "Talk about a downturn!?! There were actually some more trop openings during mid-to-late October, but none had anything new to offer or anything very distant.

The book is just about closed on full-power USA analog TV targets. Last gasp will be just after midnight on 2-18, when CST and MST zone stations will still be on the air for an hour or two and open to DX by meteor scatter (amazingly, I have not been able to ID a single station by Ms in more than 10 years!)."

Doug Smith W9WI
 Pleasant View, TN (EM66)

11 new DTVs in one night - not bad!

* = NEW

11/14 Tr

2334 *WHDF-DT 14 AL Florence 96 NEW
 WPTY-DT 25 TN Memphis 172
 WREG-DT 28 TN Memphis 175
 WKNO-DT 29 TN Memphis 175
 WLMT-DT 31 TN Memphis 169
 WHNT-DT 59 AL Huntsville 119

WJKT-DT 39 TN Jackson 119
 WBBJ-DT 43 TN Jackson 107
 KVTH 26 AR Hot Springs 362
 WPTY 24 TN Memphis 172
 WBXX 20 TN Crossville 154
 unID 11 CBS, probably KTHV-AR
 11/15 Tr
 0000 *WHBQ-DT 53 TN Memphis 175 NEW
 WFIQ-DT 22 AL Florence 131
 0017 WDBB-DT 18 AL Bessemer 202
 *WLOV-DT 16 MS West Point 212
 unID-DT 12 probably KTHV-AR
 *WKDH-DT 45 MS Houston 212 NEW see note 1
 *WCBI-DT 35 MS Columbus 208 NEW see note 2
 0045 WHIQ-DT 25 AL Huntsville 119
 0047 *WBRC-DT 50 AL Birmingham 201 NEW see note 3
 0053 WZDX-DT 41 AL Huntsville 119
 0056 *WTTO-DT 28 AL Homewood 202
 0730 *KTEJ-DT 20 AR Jonesboro 207
 0845 *WATE-DT 26 TN Knoxville 177
 0900 WCFT 33 AL Tuscaloosa 223
 unID 43 Fox, probably Knoxville
 WTCI 45 TN Chattanooga 130
 1000 *WMPN-DT 20 MS Jackson 346
 WDYR-LP 33 TN Dyersburg 132 TCT religious
 1055 WBUY-DT 41 MS Holly Sprs. 175
 1115 *KARK-DT 32 AR Little Rock 323

NOTE 1: WKDH-DT previously logged as analog on same channel.

NOTE 2: with helpful PSIP ID as "4-1 CBS". Thankfully, 4-2 was "My MS".

NOTE 3: over local analog WPGD-50





Western U.S. TV DX

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

Send reports by the 15th of each month to:

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

The Editor's Note

Here's hoping one of Santa's gifts this holiday season will be a good dose of Winter E-Skip. Keep a watchful eye out, as if past seasons are any indication, the episode of E-Skip we do see in December or January usually is only for a day or two at a maximum. If you do happen to catch any analog TV Es over the next month it is certainly something to be treasured, so don't forget to send in your reports!

Some solid tropo occurred in the Deep South in the early half of November. We have reports from Danny Oglethorpe and Dennis Park Smith inside this month's WTVDX.

Danny Oglethorpe

P.O. Box 8025, Shreveport, LA 71148-8025
 Grid Square EM32
 E-mail: doglethorpe@yahoo.com

2008 WTFDA Contest Report # 15

Analog TV DX Logs

October 2008 Central Time

17 tropo
 0720 KTUL-8 Tulsa OK
 KAFT-13 Fayetteville AR
 0759 KOLR-10 Springfield MO
 0810 KSFX-27 Springfield MO
 2100 New Orleans 8, 20, 26, 38, 49
 WMAH-19 Biloxi MS
 2335 WBPG-55 Gulf Shores AL
 WHLT-22 Hattiesburg MS
18 tropo
 0320 WLAE-32 New Orleans LA
 KFXL-LP-30 Lufkin TX
 WVLA-33 Baton Rouge LA
 Over local
24 NEW tropo
 0105 K39JV-39 Opelousas LA
 NEW

November 2008

3 tropo
 0720 KJTL-18 Wichita Falls TX
 0750 K46AI-46 Durant OK
 "OETA"
 0800 Oklahoma City 9, 13
5 tropo
 0745 Baton Rouge 9, 19, 27
 New Orleans 38, 49
 0750 K39JV-39 Opelousas LA

Digital TV DX Logs

October 2008 Central Time

17 tropo
 2230 WABG-DT-32 Greenwood MS
18 tropo
 0340 WDSU-DT-43 New Orleans LA
 0455 WPXL-DT-50 New Orleans LA
 0458 WLOX-DT-39 Biloxi MS
24 tropo
 0902 WMAU-DT-18 Bude MS
 0913 WMPN-DT-20 Jackson MS

November 2008

3 tropo
 0812 Oklahoma City area 27, 29
 5 tropo
 0750 WPXL-DT-50 New Orleans LA

2008 WTFDA TV DX Report # 16

Analog TV DX Logs

November 2008 Central Time

8 tropo
 0050 KKYK-49 Camden AR
13 tropo
 AM Baton Rouge 2, 9, 19, 27
 1615 New Orleans 8, 26, 49
 1715 WGBC-30 Meridian MS
 1930 WHLT-22 Hattiesburg MS
 2310 WUOA-23 Tuscaloosa AL
 "WVUA" 365 miles
 WNAB-58 Nashville TN
 "CE58" 478 miles

14 tropo
 0010 Memphis 5, 10, 13
 WTJP-60 Gadsden AL
 435 miles
 WMAB-2 Mississippi State MS
 0028 WNPT-8 Nashville TN
 "Npt" 469 miles
 0038 WBBJ-7 Jackson TN
 366 miles
 0045 WCMI-4 Columbus MS
 WMAV-18 Oxford MS

Digital TV DX Logs

November 2008 Central Time

13 tropo
 0855 KNOE-DT-7 Monroe LA
 2040 KFWD-DT-51 Fort Worth TX
 NEW 2245 WMDN-DT-26 Meridian MS
 NEW 297 miles
 NEW 2310 KMCT-DT-38 West
 Monroe LA
 NEW 95 miles
 2335 KLTM-DT-19 Monroe LA
 NEW 2340 WKRN-DT-27 Nashville TN
 NEW 469 miles
 NEW 2352 WNAB-DT-23 Nashville TN
 NEW 478 miles

Dennis Park Smith

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

This report is for September 2008. Southern – California coastal tropo on (to San Diego CA/Tijuana BN up to 200 mi/320 km) was similar to August, again mostly steady though not terrific. When analog tropo was fair or better, San Diego DTV (KUSI-DT 18, KSWB-DT 19, KGTV-DT 25, KPBS-DT 30, KNSD-DT 40, 175-185 mi.) was seen on LG HD TV with indoor 2-bay bowtie at window on 2nd floor, but no Tijuana DTV.

Sep 1 – 2 morn Variably poor
 (continuing from Aug 30)
 Sep 2 eve – Sep 8 Var. fair/poor
 Sep 9 – 11 Very poor (higher

inversion layer boundary)
 Sep 12 – 13 None (higher
 inversion layer boundary)
 Sep 14 – 16 Fair
 Sep 17 – 19 Poor
 Sep 20 – 24 Var. very poor/poor
 (some cooling)
 Sep 25 Fair (some warming
 again)
 Sep 26 Var. good (possibly
 lower layer)
 Sep 27 – 30 morn Fair
 Sep 30 aft-eve Very poor (unsettled)

This report is for October 2008. Weather condx remained quite stable most of the time. Coastal tropo on analog was relatively steady (San Diego/Tijuana up to 200 mi.) as was DTV (San Diego, 185 mi.). Observations are with TV rx's with indoor rabbit ears and bow-ties on 1st & 2nd floors.

Oct 1 Poor
 Oct 2 morn Variably poor/fair
 Oct 2 morn – 7 eve Out of town: Chico
 and Wasco (rain Oct. 3)
 Oct 7 eve – 9 Var. fair
 Oct 10 – 12 morn None (Santa Ana
 winds Oct 10-11)
 Oct 13 – 15 None (more wind)
 Oct 16 – 18 Poor
 Oct 19 – 30 morn Var. fair (var. hot
 temps Oct 21-29)
 Oct 30 aft None (cold front –
 windy)
 Oct 31 Poor, up to fair by
 afternoon

Chico trip Oct 2-6 was for my daughter's wedding---I didn't take TV eqp with me. My ol analog Sony 12" color TV in Wasco Oct 6-7 showed no DX this time.

Best DX to all
 -Dennis

WTFDA EMAIL REFLECTORS

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The WTFDA AM DX list...send to amdix-subscribe@wtfda.info

Sign up for the tvfmdx list now while the list is slow and you won't be receiving a zillion emails in your inbox every day..

SOUTHERN FM DX

Merry Christmas
 December 2008

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

Doug Smith – Pleasant View, TN – w9wi.com

11/14 Tr

2334 WSYE 93.3 MS Houston
 WMAE 89.5 MS Booneville
 WMAO 90.9 MS Greenwood
 WMAW 88.1 MS Meridian
 WMAB 89.9 MS Mississippi State

(above 4 in parallel carrying the BBC World Service, with "MPB" in the RDS)

WRBO 103.5 MS Como

11/15 Tr

0026 KGPO 99.9 AR Monticello, ID w/Star City
 WYMX 99.1 MS Greenwood
 KSSN 95.7 AR Little Rock
 KCXY 95.3 AR East Camden
 KDXY 104.9 AR Lake City

0056 WZZK 104.7 AL Birmingham

0730 WWMS 97.5 MS Oxford

KDEW 97.3 AR DeWitt, Stuttgart ads

WVIM 95.3 MS Coldwater,
 "953rebelcountry.com"

0850 WWUN 101.5 MS Friar's Point, ID w/Helena,
 West Helena AR

0900 KEZS 102.9 MO Cape Girardeau, rare over
 semi-local WBUZ

0953 KQID 93.1 LA Alexandria, w/CMN telethon
 unID 93.9 ?? ??, black Gospel

WTGY 95.7 MS Charleston, ID then ID for
 WJFM 88.1

WTCD 96.9 MS Indianola

unID 105.3 ?? ??, w/Glenn Beck, in mono,
 no 105.3 listed on Beck's
 website

1100 WURC 88.1 MS Holly Springs, legal ID

1115 WXRZt 94.3 , mono, w/MS talk

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

1979 Realistic TM-1001 tuner (sometimes with IF
 mod with two 110 kHz filters, more often two 150
 kHz filters) into a pair of Accent amplified
 computer speakers; 1999 Conrad RDS Manager
 (PI's were determined by running a serial data
 line to a 1992 386-SX-16 using DOS-based RDS
 decoder software); 52 ohm step-attenuator box
 and Winegard FT-7600 trap (tuned to 97.3) used
 to reduce intermod overload from the Galm Road
 antenna farm 9 miles wnw; 1977 6 element
 Archer model 15-1636A antenna at 20' with rotor;
 2003 Icom A4 for Nav aids

1/14 Tr

1826 K229BJ 93.7 TX Hollywood Park 16

1/26 Es

1213 WWRM 94.9 FL Tampa, RDS PI=9086 995

1217 WBVM 90.5 FL Tampa, RDS "SPIRIT FM,"
 PI=597A 997

1/27 Tr

1116 KSMB 94.5 LA Lafayette, RDS PI=A4C1
 387

2/9 Es

2040 KLOS 95.5 CA Los Angeles, ID 1186
 2048 KLJZ 93.1 AZ Yuma, "Z-93," RDS PI=2E0F
 975

2050 KQCM 92.1 CA Joshua Tree, "KQ-92" 1081

2054 KWIE 93.5 CA Ontario, area ads 1159

2055 KSEH 94.5 CA Brawley, RDS PI=3FF7
 1027

2058 KCLB 93.7 CA Coachella, area ads, ID
 1077

2100 KTWV 94.7 CA Los Angeles, j, "The Wave"
 1186

2103 KPFK 90.7 CA Los Angeles, ID 1186

2117 KDAY 93.5 CA Redondo Beach, ID 1198

2121 KDB 93.7 CA Santa Barbara, cx 1280

2122 KMVN 93.9 CA Los Angeles, area ad 1193

2/19 Tr

1108 K221EX 92.1 TX Lackland City, //K229BJ,
 another new folly 6

2/25 Es

2001 WXCC 96.5 WV Williamson, ID, RDS
 PI=919A 1094

2013 WLFW 93.5 IN Chandler, area ads 873

2016 WGNR 97.9 IN Anderson, RDS PI=65E3
 1032

2017 WYNG 94.9 IL Mount Carmel, "The Wing,"
 ID 872

2022 WMXL 94.5 KY Lexington, mymix945.com
 1006

2026 WULF 94.3 KY Hardinsburg, "The Wolf,"
 K 914

2027 WNCI 97.9 OH Columbus, ID 1141

2028 WTTS 92.3 IN Bloomington, RDS
 PI=88D4 985

2030 WFCJ 93.7 OH Miamisburg, area ID, ID
 1072

2035 WAKW 93.3 OH Cincinnati, ID 1043

2041 WSWD 94.9 OH Fairfield, thesound.com
 1040

3/14 Tr

2131 WDGL 98.1 LA Baton Rouge, "Eagle 98.1"
 446

2151 KSMB 94.5 LA Lafayette, RDS PI=A4C1
 387

2153 KTDY 99.9 LA Lafayette, area PSA 411

2157 KXKC 99.1 LA New Iberia, ID 411

2221 KZMZ 96.9 LA Alexandria, "96.9 Rocks"
 379

2255 WKSJ 94.9 AL Mobile, "KSJ" 659

2322 WZNF 95.3 MS Lumberton, "Z95.3," RDS
 PI=9803 576

2326 WBBN 95.9 MS Taylorsville, "B95," area
 wx 562

2334 WKZW 94.3 MS Sandersville, "KZ-94.3"
 578

2347 KQID 93.1 LA Alexandria, ID 408

2359 KQXY 94.1 TX Beaumont, "Q94," o/KTFM
 279

3/15 Tr

0015 WDGL 98.1 LA Baton Rouge, "Eagle 98.1"

0016 WZNF 95.3 MS Lumberton, "Z95.3" 576
 0016 KSMB 94.5 LA Lafayette, RDS PI=A4C1 387
 0020 WKSJ 94.9 AL Mobile, ID 659
 0023 KRRQ 95.5 LA Lafayette, "Q95.5," hip-hop R&B 388
 0029 KQID 93.1 LA Alexandria, "Q93" 408
4/6 Tr
 0725 WZNF 95.3 MS Lumberton, "Z95.3" 576
 0915 WDGL 98.1 LA Baton Rouge, "Eagle 98.1" 446
5/6 Tr
 2203 WTIK 94.3 LA Galliano, ID 527
 2210 WDGL 98.1 LA Baton Rouge, "Eagle 98.1" 446
 2210 KSMB 94.5 LA Lafayette, ID, RDS PI=A4C1 387
5/7 Tr
 0026 WKSJ 94.9 AL Mobile, ID, RDS PI=A7ED 659
 0033 WZNF 95.3 MS Lumberton, "Z95.3" 576
5/19 Es
 1648 KMXK 94.9 MN Cold Spring, RDS PI=3210 1124
 1651 KSCR 93.5 MN Benson, ID 1107
 1657 KATO 93.1 MN New Ulm, "Minnesota 93" 1041
 1712 KQRS 92.5 MN Golden Valley, area ads 1117
 1713 KSTP 94.5 MN St. Paul, "KS-95" 1118
5/20 Tr
 2123 WWRM 94.9 FL Tampa, area PSA, "Warm 94.9" 995
 2250 WPRF 94.9 FL Reserve, "Praise" 473
 2253 WYPY 100.7 LA Baton Rouge, state ID 442
 2306 WDGL 98.1 LA Baton Rouge, "Eagle 98.1" 446
5/21 Tr
 0618 WWRM 94.9 FL Tampa, "Warm 94.9" 995
5/24 Es
 1203 KVFX 94.5 UT Logan, RDS PI=480D 1137
 1212 KMLD 94.5 WY Casper, "Melody 94.5" 1012
5/25 Es
 1711 CIDR 93.9 ON Windsor, RDS PI=6A27 1234
 1715 WLWD 93.9 OH Columbus Grove, RDS "WILD 939," PI=73F3 1136
 1722 KLGA 92.7 IA Algona, ID 970
 1723 KIAQ 96.9 IA Clarion, area ad, RDS PI=2530 945
 1728 KCPI 94.9 MN Albert Lea, RDS PI=16D6 1020
 1732 KIAI 93.9 IA Mason City, "KIA," RDS PI=2528 994
 1734 KWWK 96.5 MN Rochester, ID, "Kwick Country" 1059
 1735 KXXR 93.7 MN Minneapolis, Minnesota "93-X" 1117
 1740 KLSS 106.1 IA Mason City, RDS PI=2EF2 992
 1745 KSTP 94.5 MN St. Paul, "KS-95" 1118
 1749 KGGO 94.9 IA Des Moines, ID, bogus RDS PI=FFFF 888
 1857 KBPR 90.7 MN Brainerd, "Classical MN Public Radio" 1192
 1958 CJEL 93.5 MB Winkler, "Eagle 93.5" 1356

2056 KSOU 93.9 IA Sioux Center, RDS PI=4108 949
 2113 KSCR 93.5 MN Benson, "-SCR central MN," later town ID 1107
 2202 KMFY 96.9 MN Grand Rapids, local ad, ID 1259
 2220 WRJO 94.5 WI Eagle River, ID 1256
 2226 WLJZ 94.5 MI Mackinaw City, AC 906 1351
5/30 Tr
 0644 KTXG 90.5 TX Greenville, ID 295
5/30 Es
 1857 KGAC 90.5 MN St. Peter, "Classical MN Public Radio" 1048
5/31 Tr
 0205 KJAK 92.7 TX Slaton, stream match, Later ID 340
 0640 KXTQ 93.7 TX Lubbock, "Magic 93.7," SS, RDS PI=4EBA 339

A fair bit of Es in Feb, good tropo in Mar-Apr, and even some trans-Gulf tropo in May. It's been over a decade since any TX panhandle tropo had been caught. However, the Es in May was late coming and rather low in quantity, though the May 25th event did run very late into the night.

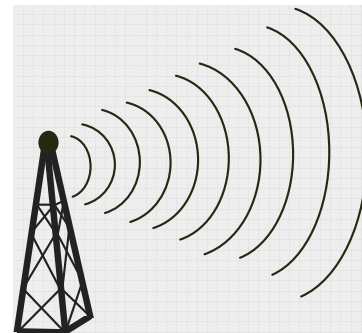
Unfortunately, two of my three new loggings this period came from local translators, each for the same Hispanic religious outlet. Not only did their audios initially suffer from various degrees of over deviation, they also are on frequencies that many in town consider to be already occupied! This is especially true of 92.1 with KNBT in New Braunfels (which carries many San Antonio advertisers). The K221EX there seemed to come and go over the days/weeks/months as they may have been tweaking its power/antenna pattern to minimize the effects on KNBT's coverage area. The one on 93.7 impacts Austin's KLBK to various degrees, depending on local tropo enhancement, but it can be more of a detriment to DXing at some azimuths as that channel has provided many more loggings than 92.1 does.



John 3:16 "For God so loved the world that he gave his one and only Son, that whoever believes in him shall not perish but have eternal life."

*Merry Christmas from the Zondlo family
John, Carol, Christy & Joel*

Northern FM DX



Keith McGinnis
18 Newbridge St., Hingham, MA 02043
longwave@comcast.net 781-875-1944

For Dxers in the following states: CT IA ID IL IN MA ME MI MN MT ND NE NH NJ NY OH OR
 PA RI SD VT WA WI WY and all of Canada. Please submit by the 10th of each month.

EDITOR'S NOTE PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.

Time(tab)Calls(tab)Freq(tab)City(tab)State(tab)details

*Formats can either be plain text, Word or Excel as long as format is adhered to. Any submissions in other formats may not be used at editor's discretion.
 All Submissions must be in to me by the 10th of each month.*

Harry Hayes – 9 Henry Street – Wilkes-Barre, PA 18702
Equipment: Sony XDR-F1HD, FM-6 ant. in attic no amplification
@=new

September 23 Tr

0805	WEGW	107.5	Wheeling (260 mi.)	WV	Very strong w/NASCAR promo, "Eagle 107.5"
0810	WDSY	107.9	Pittsburgh	PA	"Y-108", good sig. (220)
0815	WXKC	99.9	Erie	PA	"Classy 100", good sig.(220)
0820	WQED	89.3	Pittsburgh	PA	"Classical QED", traffic report, strong (220)
0825	WQEJ	89.7	Johnstown	PA	repeats WQED but delayed by several seconds (170)
0830	WZPT	100.7	New Kensington	PA	"Star 100.7, Pittsbgh traffic, very strong (220)
0955	WQKT	104.5	Wooster	OH	Call ID, fair signal (310)

September 23 Ground wave

2100@	WCIM	91.5	Shenandoah	PA	Noted new on the air w/religion and fairly strong sig., is parallel to my 91.3. Family Life Network ID's and call ID on the hour. (40)
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September 25 Tr

0726	WFRE	99.9	Frederick	MD	"Free Country", good (180)
0755@	WBSS	106.3	Huntingdon	PA	"Classic Rock 93.7, The Bus", weak, WBSS ID on hour. (120)
0810@	WFWM	91.9	Frostburg	MD	"91.9 WFWM from Frostburg State University", into Morning Edition (180)
0916	WPSU	91.5	State College	PA	Completely topping new semi-local WCIM.
0935@	WAIJ	90.3	Grantsville	MD	"He's Alive Radio" strong, See-sawing w/WCIH in Elmira (180)

September and early October featured tropo on most mornings but most were confined to about 100 miles or less. It's now November and winter conditions have definitely set in. I still have 3 months of analog channel 2 to go so I will be checking for that winter E skip.

Nick Langan 1040 Riverview Drive Florence, NJ 08518
Yamaha TX-900, Sangean HDT-1, APS-13 Antenna

July 17 Tr

0306	CBOQ	103.3	Ottawa	ON	CBC Radio 2	376
0344	WMGV	103.3	Newport	NC	"V-103.3"	363

July 19 Tr

0140	WSBY	98.9	Salisbury	MD	"Magic 98.9"	133
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July 19 Es

2113	KXGT	98.3	Carrington	ND	RDS	1298
2117	KYYX	97.1	Minot	ND	"97 Kicks"	1417
2129	KVMI	103.9	Arthur	ND	"103.9 The Truck"	1220
2132	KYNU	95.5	Jamestown	ND	Local Ads	1262
2134	KZRX	92.1	Dickinson	ND	"Z-92", local ments.	1467
2136	KZZY	103.5	Devils Lake	ND	American Cty. Cntdn.	1313
2137	KUAL	103.5	Brainerd	MN	"Cool 103.5"	1062

July 22 Es

1110	WSB	98.5	Atlanta	GA	"B-98.5"	685
1110	WNNX	100.5	College Park	GA	//yes.com687	
1113	WJDB	95.5	Thomasville	AL	Calls	926
1119	KPWW	95.9	Hooks	TX	"Power 95-9"	1164
1120	WWLG	96.7	Peachtree City	GA	Local Ad 708	
1122	WUJM	96.7	Gulfport	MS	"96.7 Hank FM"	1043
1127	WXRS	100.5	Swainsboro	GA	Calls	670
1137	WEGC	107.7	Sasser	GA	"Mix 107-7"	792
1140	KCNY	107.1	Greenbrier	AR	"My Country Y-107"	1012
1141	WAKH	105.7	McComb	MS	"K-106"	1067
1144	WJXN	100.9	Utica	MS	"K-Love" 1029	
1145	KOOI	106.5	Jacksonville	TX	"Sunny 106.5"	1269
1146	WSTZ	106.7	Vicksburg	MS	"Z-106.7" 1024	
1147	WHLH	95.5	Jackson	MS	"95.5 Hallelujah FM"	1024
1148	KELD	106.5	Hampton	AR	Paul Harvey	1081
1149	WMJU	104.3	Bude	MS	Calls	1065
1153	KFLI	104.7	Des Arc	AR	Local Ad 987	
1154	WHLW	104.3	Luverne	AL	Black Gospel	847
1156	WELR	102.3	Roanoke	AL	"Eagle 102-3"	761
1157	WJZZ	107.5	Roswell	GA	HD	677
1158	WAMJ	102.5	Mableton	GA	"Grown Folks Radio"	696
1158	WBUV	104.9	Moss Point	MS	"Newsradio 104.9 FM"	1026
1159	WOSM	103.1	Ocean Springs	MS	Local ad 1030	
1159	WALR	104.1	Greenville	GA	"104.1 Kiss 104"	722
1200	WWVA	105.7	Canton	GA	SS //yes.com	676
1204	WRBQ	104.7	Tampa	FL	//yes.com947	
1210	KZHE	100.5	Stamps	AR	Calls	1117
1211	KLUV	98.7	Dallas	TX	"98.7 K-Luv"	1334
1213	KVIL	103.7	Dallas	TX	"103-7 Lite FM"	1334
1215	KETR	88.9	Commerce	TX	HD	1259
1216	KBFB	97.9	Dallas	TX	Local mentions	1334
1216	WZZK	104.7	Birmingham	AL	Calls	806
1222	WQXB	100.1	Grenada	MS	"B-100"	938
1223	WASL	100.1	Dyersburg	TN	"SL-100" 844	
1228	WSRM	95.3	Coosa	GA	"WRGA"	710
1233	KZZA	106.7	Muenster	TX	SS //yes.com	1333
1236	WCLC	105.1	Jamestown	TN	WATE-6 forecast	609
1238	WVRY	105.1	Waverly	TN	"105.1 Solid Gospel"	750
1240	WHBQ	107.5	Germantown	TN	//yes.com884	
1242	WHRK	97.1	Memphis	TN	"K-97"	898
1243	WRVW	107.5	Lebanon	TN	"107-5 The River"	703
1246	KFFA	103.1	Helena	AR	"Mix 103"950	
1246	WUHU	107.1	Smiths Grove	KY	"All Hit Wuhu 107"	659
1248	WMXX	103.1	Jackson	TN	"Kool 103"	825
1258	KZLE	93.1	Batesville	AR	Calls	967
1301	KVSP	103.5	Andarko	OK	"Power 103.5"	1340
1302	KKDY	102.5	West Plains	MO	Legal ID 954	
1302	KREZ	104.7	Chaffee	MO	Calls	817
1304	KUPH	96.9	Mountain View	MO	"The Fox 96-9"	942
1305	KXXY	96.1	Oklahoma City	OK	"96.1 KXY"	1272
1309	KMGL	104.1	Oklahoma City	OK	//yes.com1273	
1311	KTJJ	98.5	Farmington	MO	RDS	861
1313	KJYO	102.7	Oklahoma City	OK	"KJ-103" 1272	
1316	WFUN	95.5	Bethalto	IL	"Foxy 95.5"	830
1317	KRWP	107.7	Stockton	MO	Local ads1040	
1318	KSLZ	107.7	St. Louis	MO	RDS, Local ads	835
1320	KIHT	96.3	St. Louis	MO	//yes.com835	
1323	WKRV	107.1	Vandalia	IL	Local ads756	
1326	KKLH	104.7	Marshfield	MO	Local ads995	
1327	KEZK	102.5	St. Louis	MO	Local ads835	
1329	KIXR	104.7	Ponca City	OK	"Power 104.7 KIXR"	1222
1337	KHST	101.7	Lamar	MO	"Tallgrass forecast"	1063

1337	KREJ	101.7	Medicine Lodge	KS	Religious 1298	
1340	KRES	104.7	Moberly	MO	RDS	950
1346	KKJO	105.5	St. Joseph	MO	"K-Jo"	1102
1349	KTHR	107.3	Wichita	KS	"107-3 The Road"	1227
1350	KYQQ	106.5	Arkansas City	KS	SS //yes.com	1206
1358	WAAG	94.9	Galesburg	IL	"FM 95"	817
1403	KCSI	95.3	Treynor	IA	Local mentions	1070
1405	WRKX	95.3	Ottawa	IL	"95-3 The River"	740
1409	KGRS	107.3	Burlington	IA	"Mix 107.3"	859
1413	KBEA	99.7	Muscatine	IA	"B-100"	851
1418	KHKI	97.3	Des Moines	IA	"97-3 The Hawk"	994
1421	KXBZ	104.7	Manhattan	KS	"B-104.7" 1150	
1555	K201HD	88.1	Clara City	MN	"The Refuge"	1087
1559	WRFW	88.7	River Falls	WI	Legal ID	965
1604	KMXK	94.9	Cold Spring	MN	"Mix 94-9" 1057	
1605	WYRQ	92.1	Little Falls	MN	"Your Country Q-92"	1060
1606	KXDL	99.7	Browerville	MN	"Hot Rod Radio 99.7"	1087
1607	KNSR	88.9	Collegeville	MN	HD	1064
1609	KXRZ	99.3	Alexandria	MN	"Z-99"	1102

July 26 Es

1546	KCPI	94.9	Albert Lea	MN	RDS	983
1547	KMXC	97.3	Sioux Falls	SD	Legal ID	1168
1549	KTWB	101.9	Sioux Falls	SD	Calls	1159
1550	KYTC	102.7	Northwood	IA	"102-7 The Blaze"	975
1550	KLLT	104.9	Spencer	IA	RDS	1069
1554	KOWZ	100.9	Blmng. Prairie	MN	Calls	988
1557	KJAM	103.1	Madison	SD	"Jammin' Country"	1172
1557	KRRO	103.7	Sioux Falls	SD	Local ad	1146
1559	KMNE	90.3	Bassett	NE	Legal ID	1287
1600	KXQL	107.9	Flandreau	SD	Legal ID	1157
1601	KNEI	103.5	Waukon	IA	Local ad	885
1602	KILR	95.9	Estherville	IA	Calls	1054
1612	KRUE	92.1	Waseca	MN	"Krue 92" 988	
1613	KNSW	91.7	Worthington	MN	HD	1112
1614	KTSD	91.1	Reliance	SD	RDS	1294
1615	KROC	106.9	Rochester	MN	Confirmed by station	936
1618	KDBX	107.1	Clear Lake	SD	"107.1 The Hawk"	1155
1620	KFMC	106.5	Fairmont	MN	Calls	1038
1621	KRAQ	105.7	Jackson	MN	Calls	1062
1621	KARL	105.1	Tracy	MN	"105-1 Karl Country"	1113
1622	KRCH	101.7	Rochester	MN	"Laser1017.net"	955
1624	KMFX	102.5	Lake City	MN	"The Fox"	943
1626	KLQL	101.1	Luverne	MN	Local ad	1125
1627	KWNO	99.3	Rushford	MN	"CD Country 99-3"	906
1629	KUQL	98.3	Wesngtn. Sprs.	SD	"Kool 98" 1234	
1631	KPHR	106.3	Ortonville	MN	"Power 106"	1175
1632	K222AE	92.3	Springfield	MN	"KJLY"	1066
1634	KRSU	91.3	Appleton	MN	HD	1128
1636	KHRS	105.9	Winthrop	MN	"KXLP Classic Rock"	1044
1637	KYSM	103.5	Mankato	MN	Local ad	1022
1638	KMLO	100.7	Lowry	SD	Local ads	1320
1642	KBGY	107.5	Fairbault	MN	SS	988
1642	KLRJ	94.9	Aberdeen	SD	"K-Love" 1244	
1644	KBFO	106.7	Aberdeen	SD	RDS	1244
1648	KMOM	105.5	Roscoe	SD	"Dakota 105.5"	1294
1649	KKRC	93.9	Granite Falls	MN	"Oldies 93.9"	1107
1652	KIXX	96.1	Watertown	SD	"Kixx 96" 1176	
1652	KSCR	93.5	Benson	MN	Calls	1109
1653	KITN	93.5	Worthington	MN	Local ads	1084
1656	KGIM	103.7	Redfield	SD	RDS	1257
1700	KGFX	92.7	Pierre	SD	Legal ID	1333
1701	KISD	98.7	Pipestone	MN	Calls	1113
1702	KKSD	104.3	Millbank	SD	Legal ID	1176
1703	KJBI	100.1	Fort Pierre	SD	Legal ID	1333
1709	KKCK	99.7	Marshall	MN	Calls	1134
1713	KABD	107.7	Ipswich	SD	Calls	1280
1716	KZZI	95.9	Belle Fourche	SD	"The Eagle"	1505

July 26 Tr

2314	W242AV	96.3	Seaford	DE	"Reach FM"	109
2344	WCTG	96.5	Chincoteague	VA	"96-5 CTG"	155

July 28 Tr

0156	WINQ	98.7	Winchester	NH	"98-7 Wink Country"	231
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0237	WBRK	101.7	Pittsfield	MA	"Star 101.7"	181	
0249	WYFJ	100.1	Ashland	VA	BBN	219	
0256	WPZZ	104.7	Crewe	VA	"Praise 104.7"	265	
0305	WYRX	97.7	Lexington Park	MD	"The Rocket"	158	
0310	WGRQ	95.9	Colonial Beach	VA	Calls	180	
0321	WKJS	105.7	Richmond	VA	RDS	232	
0326	WBBT	107.3	Powhatan	VA	RDS	239	
0329	WRXL	102.1	Richmond	VA	"The X"	227	
0352	W215BY	90.9	Church Hill	MD	"Hope FM"	92	
0358	WZZH	90.9	Honesdale	PA	"The Word FM"	103	
0405	W215BT	90.9	Riverhead	NY	"Mars Hill Network"	118	
0446	WMAS	94.7	Springfield	MA	Calls	178	
0500	WVEI	105.5	Easthampton	MA	Legal ID	184	
0531	WJMJ	88.9	Hartford	CT	Calls	147	
0536	WODS	103.3	Boston	MA	"Oldies 103.3"	239	
0551	WNLC	98.7	East Lyme	CT	Calls	167	
0646	WCRB	99.5	Lowell	MA	HD	255	
0700	WBUR	90.9	Boston	MA	Legal ID	239	
0714	WUMB	91.9	Boston	MA	Calls	245	

July 28 Es

1948	WJJH	96.7	Ashland	WI	Calls	920	
2006	KZRV	96.7	Sartell	MN	"Rev 96-7" 1049		
2016	WECL	92.9	Elk Mound	WI	Alice Cooper	914	
2017	WYNW	92.9	Birnamwood	WI	"Relevant Radio"	813	
2023	WLJY	96.7	Whiting	WI	Calls	828	

July 31 Es

1943	KXFT	99.7	Manson	IA	"99-X"	1038	
1948	WKGL	96.7	Loves Park	IL	"96.7 The Eagle"	760	
1950	KOEL	98.5	Cedar Falls	IA	Local mentions	926	
1954	KBOE	104.9	Oskaloosa	IA	Calls	936	
1955	KIIC	96.7	Albia	IA	Calls	944	
1958	KOOO	101.9	Lincoln	NE	//yes.com1121		
1959	KRSS	93.5	Tarkio	MO	Local mentions	1072	
2007	WFPS	92.1	Freeport	IL	"Big Radio"	789	

August 2 Es

1708	WBVR	96.7	Auburn	KY	"The Beaver"	659	
1710	KVHU	95.3	Judsonia	AR	Calls	971	
1711	KOKR	96.7	Newport	AR	"River Country 96-7"	961	
1717	KWCL	96.7	Oak Grove	LA	"Timeless Favorites"	1045	
1720	WEZG	95.3	Morganfield	KY	Calls	707	
1731	WRXX	95.3	Centralia	IL	Calls	765	
1734	KXMO	95.3	Owensville	MO	Calls	899	
1736	KCMQ	96.7	Columbia	MO	Calls	927	
1806	KOYE	96.7	Frankston	TX	"La Invasora"	1275	
1830	KHFI	96.7	Georgetown	TX	Legal ID	1457	
1905	KPMZ	96.7	Flower Mound	TX	//yes.com1333		
1919	KNEL	95.3	Brady	TX	TSN	1506	
1924	KBEL	96.7	Idabel	OK	Calls	1182	
2001	KOKX	95.3	Keokuk	IA	Cardinals BB	884	

August 3 Es

1930	WMOD	96.7	Bolivar	TN	Calls	839	
1956	KZWY	94.9	Sheridan	WY	Local ad, "Z-94"	1667	
2004	KOLV	100.1	Olivia	MN	Local ad	1090	
2012	KJIA	88.9	Spirit Lake	IA	Kinship Christian	1072	
2016	KBRK	93.7	Brookings	SD	Local ad	1176	
2029	KJRV	93.3	Wessgtn. Sprgs.	SD	"Big Jim"	1232	

August 4 Ms

0502	WBDK	96.7	Algoma	WI	Door County ad	716	
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August 4 Es

1026	KBBN	95.3	Broken Bow	NE	Local ad	1308	
1124	KHLR	94.9	Maumelle	AR	"Hallelujah 94.9"	1032	
1144	WVIM	95.3	Coldwater	MS	"The Rebel", lcl ad	909	
1147	KABF	88.3	Little Rock	AR	//webstream	1085	
1159	WYPL	89.3	Memphis	TN	Calls	898	
1304	CBTR	92.9	Roddickton	NF	CBC, Nfld. Weather	1163	
1750	WTNT	94.9	Tallahasee	FL	"94-9 TNT"	847	

1759	WLYX	96.7	Valdosta	GA	"Lyx 96"	803	
1807	WOYS	100.5	Apalachicola	FL	RDS		916
1929	CKSB-9	89.1	Fort Frances	ON	FF		1099
1934	CJRL	89.5	Kenora	ON	RDS, Calls		1164

August 9 Ms

1147	CHYM	96.7	Kitchener	ON	"96.7 Chym FM"		377
1348	WMJT	96.7	McMillan	MI	"Eagle 96.7"		699

August 11 Ms

1400	WNKX	96.7	Centerville	TN	"SW Middle TN's..."		755
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August 11 Es

1958	KRVX	103.1	Wimbledon	ND	"103.1 The Raven"		1262
2000	KJLU	88.9	Jefferson City	MO	Legal ID 937		
2004	KKCQ	96.7	Bagley	MN	"Q-Country 96.7"		1150

August 12 Tr

0234	WEDG	103.3	Buffalo	MN	"103-3 The Edge"		285
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August 12 Ms

0531	CHYR	96.7	Leamington	ON	Morning show hosts		437
1346	WIHN	96.7	Normal	IL	Promo, local ad		750
2002	WKXX	96.7	Pine Hill	AL	"The Big Station"		903

August 19 Tr

0220	W284BE	104.7	Bel Air	MD	"Hope FM"		79
2156	WDBA	107.3	DuBois	PA	Western PA Weather		217

August 20 Ms

0245	KUNI	90.9	Cedar Falls	IA	"Iowa Public Radio"		898
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August 21 Tr

2203	WRCK	107.3	Utica	NY	"Air One"		210
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August 22 Tr

0147	WNYQ	101.7	Hudson Falls	NY	Calls		232
0203	WKLI	100.9	Albany	NY	"Magic 100.9"		186
0412	WCYK	99.7	Staunton	VA	Calls		258
0555	WRFX	99.7	Kannapolis	NC	Calls, "The Fox"		464

August 23-24 Tr

2229	WBZN	107.3	Old Town	ME	"Z-107.3"		456
0003	WQCB	106.5	Brewer	ME	"Q-106.5"		444
0104	WMCM	103.3	Rockland	ME	"Real Country 103.3"		400
0115	CIOO	100.1	Halifax	NS	"C-100"		647
0204	CHNS	89.9	Halifax	NS	"89-9 Hal FM"		648

August 26 Tr

0608	CKPC	92.1	Brantford	ON	Calls		358
0619	WTSS	102.5	Buffalo	NY	"Star 102.5"		265

August 26 Ms

1231	WOOF	99.7	Dothan	AL	"woof FM"		848
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August 27-28 Tr

2320	WOJL	105.5	Louisa	VA	"Sam 105-5"		225
0022	WJMA	103.1	Culpeper	VA	Calls		212
0038	WZRV	95.3	Front Royal	VA	"The River"		198
0056	WTRM	91.3	Winchester	VA	"Southern Light"		202
0108	WZGN	102.3	Crozet	VA	"Generations"		254
0143	WFQX	99.3	Front Royal	VA	"The Fox"		204
0225	WAUA	89.5	Petersburg	WV	HD		247
0229	WVEP	88.9	Martinsburg	WV	/WAUA		205
0234	WELD	101.7	Moorefield	WV	Calls		233

0244 WWRT 104.9 Strasburg VA "Rock 104-9 105-5" 208

August 30 Tr

0104 WGKV 101.7 Pulaski NY "K-Love" 248
0111 WBBS 104.7 Fulton NY "B-104.7" 229
0121 WUMX 102.5 Rome NY "Mix 102.5" 203
0143 WQNY 103.7 Ithaca NY "Q-Country" 184

John Ebeling

Lat: 44.8369 Long: 93.3163 Grid: EN34iu Two Pioneer TX9500 tuners & RDS units Two Stereo Probe 9 antennas-(one hand rotated @ cabin) Various tape recorders One vertically mounted FM dipole

April 2, trops

1101 K240DS 88.7 Glencoe MN 40 miles

April 5, trops

1200 KHRS 105.9 Winthrop/New Ulm MN 67

May 25, Es

1705 KRVS 99.7 Lafayette LA RDS ID 1011
1750-1807 unid Spanish stations
1842 KAMU 90.9 College Station TX 996
1900 KBNI 91.7 Corpus Christi TX 1199
1910 KWKQ 94.7 Graham TX 859
1930 KMFM 100.7 Premont TX 1236
1937 KPZA 103.7 Jal TX 1028
2005 KDEM 94.3 Deming NM 1167
2010 KRTU 91.7 San Antonio TX 1100
2021 KAZF 91.9 Hebbronville TX 1224
2142 KBNL 89.9 Laredo TX RDS ID 1245

May 30, Es

1837 KKTX 96.1 Kilgore TX 864 "the rock of East TX"
1832 KCBI 90.9 Dallas TX RDS ID 853
1840 KLRK 92.9 Marlin TX 955 "star 92.9"
1842 KROM 92.9 San Antonio TX 1100 Spanish
1850 KAJA 97.3 San Antonio TX 1100 "KJ 97"
1900 KPAC 88.3 San Antonio TX 1100
1905 CHKF 94.7 Calgary AB 1053 was in for over a half hour
1920 CFEX 92.9 Calgary AB RDS ID 1053 "X 92.9"
2020 CKMN 96.5 Rimouski PQ 1201 RDS read "CKM"

June 4, Es

1157 WZPR 92.3 Nags Head NC 1112
1158 WQMZ 95.1 Charlottesville VA 901
1159 WAZP 90.7 Cape Charles VA 1042 RDS read "K-love"
1202 WSTR 94.1 Smyrna GA 891
1205 WVKL 95.7 Norfolk VA 1057
1210 WKJX 96.7 Elizabeth City NC 1073 RDS read "Mix 96"
1219 WTRM 91.3 Winchester VA 870
1224 WPIR 88.1 Hickory NC 891
1229 WKML 95.7 Lumberton NC 1032 RDS ID
1230 WAFL 97.7 Milford DE 1008 "Eagle 97.7"
1232 WSMW 98.7 Greensboro NC 934
1237 WMZQ 98.7 Washington DC 934
1241 WMGM 103.7 Atlantic City NJ 1039 "The Shark"
1247 WAYZ 104.7 Hagerstown MD 895
1256 WIXM 97.3 Millville NJ 1009
1302 WUND 88.9 Manteo NC 1115
1314 WESM 96.3 Princess Anne MD 1021
1340 CKNI 91.9 Moncton NB 1385 "News 91.9"
1350 CBAL-5 94.3 Edmundson NB 1210 classical

June 26, Es

1728 KRSR 89.1 Rosewell NM 993

1729	KANU	88.7	Flagstaff	AZ	1176	
1737	KKOB	93.3	Albuquerque	NM	977	
1816	KXAZ	93.3	Page	AZ	1093	RDS "Z 93"
1822	KTAR	92.3	Glendale	AZ	1277	
1900	KNPR	88.9	Las Vegas	NV	1293	
1903	KLYI	88.1	Hotevilla	AZ	1075	
1920	KTXC	104.7	Lamesa	TX	957	
1926	KJYE	92.3	Grand Junction	CO	878	
1930	UNID	97.5				"I 97.5"
1938	KZOR	94.1	Hobbs	NM	991	

July 8, Es

1554	WPTE	94.9	Virginia Beach	VA	1061	
1600	WMRA	90.7	Harrisonburg	VA	944	
1607	WKJX	96.7	Elizabeth City	NC	1073	RDS "Mix 96"
1610	WGH	97.3	Newport News	VA	1030	"the Eagle"
1628	WVKL	95.7	Norfolk	VA	1057	
1632	WFAE	90.7	Charlotte	NC	936	RDS ID
1640	WPIR	88.1	Hickory	NC	891	"Joy FM"
1652	WSGA	92.3	Hinesville	GA	1099	"The Point"
1700	WUWF	88.1	Pensacola	FL	1051	

July 9, Es

1752	WUAW	88.3	Erwin	NC	1015	
2238	KYOX	94.3	Comanche	TX	910	

July 10, Es

0935	WKBU	95.7	New Orleans	LA	1042	
1000	KRVS	88.7	Lafayette	LA	RDS ID	1011
1000	KAYT	88.1	Jena	LA	911	
1027	KLBT	88.1	Beaumont	TX	1020	
1100	KKCJ	90.7	Cannon AFB	NM	880	
1125	KLXK	93.5	Breckenridge	TX	887	

August 11, Es

1755	KSYU	95.1	Corrales	NM	971	"Hot 95.1"
1758	KWKM	95.7	St. Johns	AZ	1120	
1805	KRFM	96.5	Show Low	AZ	1152	
1817	KYBR	92.9	Espanola NM		901	
1825	KWYK	94.9	Farmington NM		959	
1833	KDUR	91.9	Durango CO		919	
1852	KRWN	92.9	Farmington NM		959	

Well, That's my report from most of the summer from my home in Bloomington, MN. There are a few Spanish loggings that have yet to be identified: They will be listed if identifiable.

Jim Pizzi
100 County Rd.28
Palmyra,NY 14522-9440 n43.033426 w77.278217
Equip:Sony XRD-F1HD/Sangean HDT-1X
Antenna:Antennacraft FM-10[until 8-3-08]
APS-13 @approx 18' AG @=NEW

7-9-08Es

2035@	WLBF	89.1	Montgomery	AL	RDS as KALE/pgm"Truth For Life" rel music
2103	KXUL	91.1	Monroe	LA	RDS
2111	WKNO	91.1	Memphis	TN	RDS

7-10-08Es

1220	WUWF	88.1	Pensacola	FL	RDS/HD Lock
1227	Unid	90.9	SSW direction		RDS "WIK" Rock mx-ment. Springfield
1230	KTDY	99.9	Lafayette	LA	RDS/HD flashing
1755@	CITI	92.1	Winnipeg	MB	"92 CITY FM"
1811	KIZS	92.1	Broken Arrow	OK	"Tulsa'a Party Station"

7-15-08Trop

2326@ WPSX 90.1 Kane PA ID@2359 w/WPSU

7-16-08Trop

1040 WPXZ 104.1 Punxsutawney PA Calls,ads

7-17-08Trop

0646@ WBBI 107.5 Endwell NY Binghamton promos "The Bear"
0731 WAMQ 105.1 Great Barrington MA TENT / NPR
0837@ WWLI 105.1 Providence RI "Lite Rock 105"
1027@ CHRI 99.1 Ottawa ON Calls
1121@ CKCX 93.5 Kingston ON RDS,ads,promos "KIX 93.5"

7-18-08Trop

1105@ CKOI 96.9 Verdun QU FF hip-hop

7-22-08Es

1232@ KOVE 106.5 Galveston TX RDS +"Recuerdo" SS
1233@ KIOC 106.1 Orange TX "Big Dog 106" Sagean RDS had "KFTS"
1234@ KVVP 105.7 Leesville LA RDS,ads,promos
1234@ WWVA 105.7 Canton GA "Viva" SS
1237@ WSTI 105.3 Quitman GA RDS "Star 105-3 FM"
1240@ KYKS 105.1 Lufkin TX "Kicks 105.1" RDS@1301
1241@ KTGV 105.1 Jonesville LA "the Grove" R&B
1244@ WXSX 101.5 Quincy FL RDS
1249@ WRAK 97.3 Bainbridge GA RDS
1251 KTHT 97.1 Cleveland TX ads
1253 KZMZ 96.9 Alexandria LA "Coolest Looking Tower in Central Louisiana"
1259@ WRWA 88.7 Dothan AL "Troy University Public Radio"+station list
1300 WUWF 88.1 Pensacola FL RDS
1303 WSRZ 107.9 Coral Cove FL RDS/HD flashing
1309 Unid 106.1 ssw direction "Rock 106"
1313@ KYGL 106.3 Texarkana AR "Eagle 106-3"
1315@ KGAS 104.3 Carthage TX RDS
1316@ KKUs 104.1 Tyler TX "The Ranch"
1320@ KOOI 106.5 Jacksonville TX "Sunny 106.5" ads
1323@ WUTC 88.1 Chattanooga TN RDS
1326 KUAR 89.1 Little Rock AR RDS
1326@ KMJX 105.1 Conway AR ads for Little Rock,Hot Spgs&Jacksonville
1329@ KHKS 106.1 Denton TX SonyRDS[Sagean had KATK but HDflash w/KHKS KISS FM]
1340@ KESS 107.9 Lewisville TX RDS/HDlock SS
1349@ KVRE 92.9 Hot Spgs Village AR promo"Great Arkansas Clean-up"
1400 KBEZ 92.9 Tulsa OK RDS
1404@ KLBC 106.3 Durant OK calls,k
1409 KFXJ 104.5 Auguata GA RDS/HDflash"The Fox"
1412 KEYN 103.7 Wichita KS ads
1414@ KCFX 101.1 Harrisville MO RDS "101 The Fox"
1416 KJSR 103.3 Tulsa OK RDS "Star 103"
1420 KTST 101.9 OKC OK "The Twister"
1425@ KSGF 104.1 Ash Grove MO NWS for sw MO&I-44 severe storm
1429 KMGL 104.1 OKC OK RDS
1431@ KZWV 101.9 Eldon MO "1019thewave.com"
1438@ KVGB 104.3 Great Bend KS "B104.3 The Point"

7-23-08Es

0933 WINK 96.9 Fort Meyers FL RDS
0936 WLDI 95.5 Fort Pierce FL RDS as KFSR-WILD 95.5

7-26-08Es

1613@ KLMY 106.3 Lincoln NE 402-476-2400 Lincoln
1614@ KKJO 105.5 St. Joseph MO "K-JOE105.5"
1616@ KXKT 103.7 Glenwood IA "KAT-103" Sagean RDS had KFDO
1622@ KRTI 106.7 Grinnell IA "Energy 106.7" ment Marshalton
1624@ KCQQ 106.5 Davenport IA RDS + "Q"
1627@ KKCD 105.9 Omaha NE RDS/HDflashing
1631@ KPTL 106.3 Ankeny IA RDS/HDflashing
1639@ KGOR 99.9 Omaha NE RDS Sony-KGOR HDflashing/Sagean had KFDR
1642@ KLIR 101.1 Columbus NE RDS Weather+Clear 101 KLIR
1643@ KROR 101.5 Hastings NE RDS
1645@ KLTQ 101.9 Lincoln NE RDS "Big O 101-9"

1646@	KKJK	103.1	Ravenna	NE	RDS
1648@	KAZR	103.3	Pella	IA	RDS "Laser 103.3"
1651@	KSRZ	104.5	Omaha	NE	HDflashing w/calls
1654@	KBBG	88.1	Waterloo	IA	HD locked
1656@	KTPR	91.1	Ft.Dodge	IA	RDS
1657@	KCCQ	105.1	Ames	IA	"Channel Q"
1658@	KEZO	92.3	Omaha	NE	promo Clarkson College/Todd Archer Hyundai
1659@	KUSO	92.7	Albion	NE	"US 92"
1700@	KLNE	88.7	Lexington	NE	Full TOH ID
1708	KNEN	94.7	Norfolk	NE	"94 Rock"
1713@	KWQW	98.3	Boone	IA	Sangean RDS had KWVP+FM Talk and 98.3 WOW FM
1717@	KGLI	95.5	Sioux City	IA	"KG-95" ads
1721@	KBLR	97.3	Blair	NE	Sangean RDS had WUPN+KBLR
1726@	KELN	97.1	North Platte	NE	N.Platte wx "Mix 97.1"
1737@	KBRB	92.7	Ainsworth	NE	calls in promo
1805tr	CBL-3	90.7	Orillia	ON	"CBC Radio 2"

7-28-08GW

----	W283AL	104.5	Canandaigua	NY	rebroadcasting WCGR 1550AM with oldies
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7-29-08Es

1307	CITI	92.1	Winnipeg	MB	"92 CITY FM"
1311@	CKSB	89.9	" "	FF	

7-31-08Es

1952@	KMUW	89.1	Wichita	KS	RDS/Sangean had Wichita Public KMTV,KMUW,KYVB
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8-2-08Es

2153@	WSRX	89.5	Naples	FL	calls-in briefly
2300	WRWA	88.7	Dothan	AL	ID
2306	KQOB	96.9	Enid	OK	"96-9 BOB FM"

8-3-08Trop/Es NOW USING APS-13 FM ANTENNA

1507	WYJB	95.5	Albany	NY	RDS-B95.5 WYJB
1539	CKOI	96.9	Verdun	QU	
2023	KREP	92.1	Bellville	KS	"...in Bellville..."
2045@	WQRW	93.5	Wellsville	NY	ID @2100 + "The Q"

8-4-08Trop/Es

0058@	WJNY	90.9	Watertown	NY	ID
1017@	KRPS	89.9	Pittsburg	KS	calls,promo
1030@	KSMU	91.1	Springfield	MO	Many MO references
1033	KCFN	91.1	Wichita	KS	calls,promo
1058	UNID	98.3	SSW Heading		"The Boar"?
1058	WUWF	88.1	Pensacola	FL	RDS/HD locked
1106	WMAE	89.5	Booneville	MS	RDS WMPN
1117	WMAW	88.1	Meridian	MS	RDS/HD locked MPB
1123	WWNO	89.9	New Orleans	LA	RDS
1126	WBLX	92.9	Mobile	AL	HD locked
1129@	WTUG	92.9	North Port	AL	calls/again@1233
1136	WZEW	92.1	Fairhope	AL	RDS + "92ZEW"
1138@	WKNN	99.1	Pascagoula	MS	"KN99.1" and "K99FM"
1143@	WKSM	99.5	Ft.Walton Beach	FL	ads
1149@	WMXC	99.9	Mobile	AL	"litemix99.9.com" RDS had WUGM,KCNW
1153@	WTKS	101.5	Pensacola	FL	Sony RDS "TK101"/Sangean had KDAD
1158@	WXBM	102.7	Milton	FL	RDS +calls
1209@	WMXS	103.3	Montgomery	AL	"Mix 103.3"
1211@	WYZB	105.5	Mary Ester	FL	"105.5 The Wolf" k
1214@	WRRX	106.1	Gulf Breeze	FL	"Magic 106.1"
1221@	WWL	105.3	New Orleans	LA	ads,WWL-TV promo
1257	WRWA	88.7	Dothan	AL	calls
1405@	CBNM	90.3	Marystown	NF	CBC/promo St.Johns area music festival
1437	UNID	101.9	ENE heading	?	FF
1811	WJPT	106.3	Ft.MeyersVillas	FL	HD calls/flashing
1814	WTKS	106.3	Cocoa Beach	FL	RDs " Real Radio FM"
1819	WIRP	88.3	Pennsuco	FL	SS Latin style music
1827@	WIKX	92.9	Charlotte Harbor	FL	wikx,com +"KIX Country 92.9"
1830	WLDI	95.5	Ft,Pierce	FL	RDS KFSR

8-6-08Trop

0900@	WRRK	96.9	Braddock	PA	Legal TOH ID +"BOB FM"
0951@	WRKW	99.1	Ebensburg	PA	promo ment Johnstown
1400@	W292DQ	106.3	Geneva	NY	WRVO ID

8-8-08Trop

1130@	W216BR	91.1	Geneva	NY	//WCIY-88.9
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8-9-08Trop

1309@	WGMR	101.1	Tyrone	PA	"Froggy 101" WX@1317
1315	WHOT	101.1	Youngstown	OH	"hot101.com"

8-10-08Trop/Ms

1320@	WYFM	102.9	Sharon	PA	ads/Sharon speedway
1436	WLKJ	105.7	Portage	PA	"K-Love"
1501	WHJX	105.7	Baldwin	FL	40-50 sec Ms burst SS w/salsa music

8-11-08Ms/Trop

1150	UNID	105.7	SSW heading combo? Ms	?	"...Y 97.1..." station might be 97.1/105.7 x
1200	UNID	105.7	" " "	?	SS Ms
1407@	WPDXX	104.9	Clarksburg	WV	calls, k NEW state Tr
1412@	WHTF	104.9	Havana	FL	RDS +"Hot 104.9" display Ms
1418@	KDXY	104.9	Lake City	AR	RDS /female anncr "Fox Country" Ms
1427@	WCLV	104.9	Lorain	OH	classical Tr
1547	UNID	104.9	SW heading	?	female anncr"...Y104 weather..." Ms

8-12-08Trop

0144@	WRCD	101.5	Canton	NY	"101.5 The Fox"
1009@	WFHM	95.5	Cleveland	OH	"95.5 The Fish"
1033	WFGI	95.5	Johnstown	PA	calls +"The New Froggy 95.5"

8-13-08Ms

1010	KBCN	104.3	Marshall	AR	TENT "...here in Arkansas..."
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8-14-08Trop

0012@	WXKC	99.9	Erie	PA	"Today's Classy 100"
1921@	WCDO	100.9	Sidney	NY	calls,ads

8-15-08Es

1730@	WBRH	90.3	Baton Rouge	LA	full ID @1740
1731@	KLSU	91.1	" " "	LA	RDS
1740@	WRKF	89.3	" " "	LA	HD locked
1741	WMAW	88.1	Meridian	MS	HD locked #1NPR #2classical
1742@	WJSU	88.5	Jackson	MS	HD locked [only 3kw]
1744@	WMAU	88.9	Bude	MS	RDS
1749	UNID	92.1	SSW heading	?	"B-92"
1752	KHCB	105.7	Houston	TX	TENT g with Christian music
1755@	KNEK	104.7	Washington	LA	RDS
1756@	WYOY	101.7	Gluckstadt	MS	RDS
1758@	WCDV	103.3	Hammond	LA	RDS
1759@	KJOJ	103.3	Freeport	TX	SS "La Raza Punta FM"
1811	WYNK	101.5	Baton Rouge	LA	RDS
1812@	WBEI	101.7	Reform	AL	RDS
1815	KAJN	102.9	Crowley	LA	RDS
1817	KTDY	99.9	Lafayette	LA	RDS
1820@	WJXN	100.9	Utica	MS	"K-Love" Political ad for Senator Wicker
1824@	KRVS	88.7	Lafayette	LA	RDS + KRVS.org

8-16-08Trop

0020	CJMX	105.3	Sudbury	ON	"EZ-Rock" promos 302miles-heard often
0100@	WQRM	106.3	Smethport	PA	ID w/St.Marys,etc. (surprised I could copy-all that QRM hardee har har)

8-17-08Trop

1031@	WSKU	105.5	Little Falls	NY	"KISS FM" 733-KISS
1056@	WZOZ	103.1	Oneonta	NY	"This is WZOZ FM"
1211@	WFYY	106.5	Bloomburg	PA	calls +"Y106.5"

1244	WAEB	104.1	Allentown	PA	"B104.com"/ weather
1313	WBEB	101.1	Philly	PA	"B-101" ads,promos

8-18-08Trop

0026	UNID	95.5	SE heading	?	"The Fox By The Bay"
0100@	CBL-FM4	97.1	Owen Sound	ON	"CBC Radio 2"
1431@	WSQA	88.7	Hornell	NY	//WSQG 90.9, WSKG calls @1443

8-20-08Trop

0707@	WYBL	98.3	Ashtabula	OH	"983thebull.com"
1238@	CFGL	105.7	Laval	QU	Sony RDS"RYTHME FM"/Sangean had x CKFM,WIRK,K-thCK
1402	WALK	97.5	Patchogue	NY	//webstream

8-21-08Trop

0302@	CKEY	101.1	Fort Erie	ON	"Z101FM" promos
0859@	WDET	101.9	Detroit	MI	ID
0937@	WVMV	98.7	" "	MI	"V98.7" promos
0959@	CIMX	88.7	Windsor	ON	RDS "WIMX" +89X
1004	CKPC	92.1	Brantford	ON	RDS
1004	CJBX	92.7	London	ON	"BX-93"
1029	WXYT	97.1	Detroit	MI	
1039@	CJCB-4	99.3	London	ON	FF
1045@	CBLA-3	100.9	Wingham	ON	ID@1106 "CBC Radio 1 89.7 Midland/Penetanguishene"
1111	CIBQ	101.1	Barrie	ON	"B101"
1129@	CIOI	101.5	Hamilton	ON	female anncr"C101.5" 240watts@75miles
1143@	CICZ	104.1	Midland	ON	"104.1 The Dock"
1150@	CKDO-1	107.7	Oshawa	ON	calls "CKDO" 250watts@86miles
1258@	WCID	89.1	Friendship	NY	ID@ 1300
1400@	WAMC	90.3	Albany	NY	Full TOH ID
1408@	CBF-9	91.9	Mont-Laurier	QU	FF also @1739
1423@	WVLF	96.1	Norwood	NY	ads,weather
1446	CKOI	96.9	Verdun	QU	FF
1450@	CHOM	97.7	Montreal	QU	RDS
1453@	CHMP	98.5	La Rive Sud	QU	FF talk
1523@	CJEB	100.1	Trois Rivieres	QU	FF//webstream
1714@	WSLU	89.5	Canton	NY	"North Country Public Radio" weather@1719
1717@	CHUO	89.1	Ottawa	ON	calls
1731@	CBFX-6	91.1	Maniwaki	QU	Radio Canada//webstream
1750@	CKAV	95.7	Ottawa	ON	Indian chants? with folk-type music
1809@	CJFM	95.9	Montreal	QU	"Mix 96"//webstream
1914@	VAF367	162.475	Mont-Tremblant	QU	229watts@258miles
1922@	CBOF-7	102.1	Brockville	ON	Jesse Owens Story
1941@	WXN68	162.475	Watertown	NY	100watts
2134@	WLYK	102.7	Cape Vincent	NY	k
2144	CHMS	97.7	Bancroft	ON	"The Moose 97.7"
2159	CKHA	100.9	Haliburton	ON	"Canoe FM"
2226@	CKFX	101.9	North Bay	ON	"102 FM The Fox"

8-22-08Trop

1026@	WQBJ	103.5	St,Johnsville	NY	"Q103.5 & 103.9"
1044@	WYCY	105.3	Hawley	PA	"Sunny 105"
1051@	WPDA	106.1	Jeffersonville	NY	calls
1059@	WPYX	106.5	Albany	NY	"PIX 106.5"
1122@	WZRT	97.1	Rutland	VT	"Z97.1" NEW State
1215	WSLU	89.5	Canton	NY	RDS
1250@	WTBD	97.5	Delhi	NY	"WTBD Delhi"
1326@	WJEN	105.3	Killington	VT	"The New 105.3 Cat Country"
1754@	WVOS	95.9	Liberty	NY	ads ment Monticello

8-23-08Trop

0024	UNID	95.5	ESE heading	?	over WJYB Albany/"The Fox By The Bay" same as on 8-18-08. Also"The Heart of Quincy",an ad for "Ralph Wills Chrysler Jeep" [google=New Bedford,MA but didn't match WBRU webstream--format seemed oldies 70's-80's]also not CJOJ who???
1200@	W245BL	96.9	Dundee	NY	//WFLR 1570AM
1804@	CFBG	99.5	Bracebridge	ON	"The Moose 99.5 FM"

8-26-08Trop

2323@	WGSU	89.3	Geneseo	NY	calls
<u>8-29-08Trop</u>					
1427@	WHRL	103.1	Albany	NY	"Channel 103.1"
1500@	WQWK	103.1	State College	PA	"The Rock 103.1"
<u>8-30-08Trop/Ms</u>					
1015@	CJLX	91.3	Belleville	ON	"91X",ads
1528@	WLVH	101.1	Hardeeville	SC	"...near Savannah..number one KIA country.." about 6 secs Ms
1551	WBEB	101.1	Philly	PA	"B101"
<u>9-1-08Trop</u>					
2019@	WLTJ	105.9	Syracuse	NY	//webstream +"Lite Rock 105-9"
<u>9-2-08Trop</u>					
1007	WDET	101.9	Detroit	MI	ID
1252@	CJQM	104.3	Sault Ste Marie	ON	full ID+"Q104" 425miles
1448@	WRKT	100.9	North East	PA	ads
2140@	WMKD	105.5	Pickford	MI	"Big Country 102-9 & 93.9"
2300@	CICE	97.5	Little Current	ON	"CBC Radio 1"
2305	UNID	94.7	WNW heading		program called "Family Night Favorites"
<u>9-3-08Trop</u>					
0012@	CBCS	99.9	Sudbury	ON	//CICE
0732@	WKWV	90.1	Watertown	NY	"K-Love" ID@0800
<u>9-4-08Trop</u>					
1634	WYCY	105.3	Hawley	PA	ads-heard often
1635	WJJZ	97.5	Philly	PA	
1636	WCTO	96.1	Easton	PA	RDS
1641@	WISX	106.1	Philly	PA	calls-urban
1648@	WBEN	95.7	" "	PA	//webstream
2248@	WJQZ	103.5	Wellsville	NY	"Z103.5" "Oldies Radio 1-800-833-9211"
2252@	WMUZ	103.5	Detroit	MI	//webstream
2301@	WDTW	106.7	" "	MI	"The Fox" k
<u>9-6-08Trop</u>					
1259@	WGOJ	105.5	Conneaut	OH	ID
<u>9-7-08Trop</u>					
1815@	WVNO	106.1	Mansfield	OH	weather/"MIX 106"
<u>9-11-08Trop</u>					
1053@	WQFN	100.1	Forest City	PA	"92.1 & 100.1"
<u>9-12-08Trop</u>					
1126@	CBCN	96.1	North Bay wx@1130	ON	"You are listening to CBC Radio 1" local
1542@	WSKG	89.3	Binghamton	NY	//90.9WSQG ID@1551 "88.7" wx
<u>9-15-08Trop</u>					
0451@	WNGZ	104.9	Montour Falls	NY	"Wings 104.9"[local WKDL off-wind storm]
1146@	WUBJ	88.1	Jamestown	NY	//WBFO [local WFRW off too]
1148@	CKLN	88.1	Toronto	ON	//webstream 230watts
1213@	WDMT	102.3	Pittston	PA	//webstream+"102.3 The Mountain" [local WVOR off also]
<u>9-17-08Trop</u>					
0811@	WOWQ	102.1	DuBois	PA	weather, "Q-102"
0821@	WOKW	102.9	Curwensville	PA	ID@0900 +"OK102"
0958@	CKQB	106.9	Ottawa	ON	"Ottawa's rock station-The Bear"
1922@	WFIZ	95.5	Odessa	NY	"Z95.5"
<u>9-20-08Trop</u>					

1409	WVOS	95.9	Liberty	NY	"VOS-FM"
1411	WCRI	95.9	Block Island	RI	briefly over WVOS-opera or classical

9-22-08Trop

0118	WYZY	106.3	Saranac lake	NY	strong-rare
0226@	WBHT	97.1	Mountain Top	PA	"97BHT"
0244@	WXL38	162.475	Binghamton	NY	
0245@	WNG591	162.500	Coudersport	PA	
0312@	WEZF	92.9	Burlinton	VT	"Star 92.9"
0918	WYFM	102.9	Sharon	PA	"Y103"
1331@	WQLB	103.3	Tawas City	MI	"Mix FM"
1340@	WBMI	105.5	West Branch	MI	ads
1354@	WKKY	104.7	Geneva	OH	ads, calls @1402
1407@	WKJC	104.7	Tawas City	MI	"KJC Country"
1415@	WCMB	95.7	Oscoda	MI	//to WCMU webstream
1434@	CIXK	106.5	Owen Sound	ON	//webstream through IBOC
1453@	CJKX-1	89.9	Sunderland	ON	"KX96" weather
1455@	CJBC FM289.9	Paris		ON	//webstream
1502@	CIHT	89.9	Ottawa	ON	"Hot 89.9"
2134@	WRVF	101.5	Toledo	OH	RDS
2136@	WOIT	104.7	" "	OH	RDS Sangean had KEHB,WIOT 104.7 Rock
2200@	WNDH	103.1	Napoleon	OH	ID
2224@	WRQN	93.5	Bowling Green	OH	calls,weather
2227@	WWSE	93.3	Jamestown	NY	"SE93" @2321

9-23-08Trop

0146@	WFRN	104.7	Elkhart	IN	Calls NEW state
0200@	CIDR	93.9	Windsor	ON	RDS had WIDR"93-9 The River"
0226@	CFXJ	93.5	Toronto	ON	"The Flow 93.5" hip-hop
0243@	WKSB	102.7	Williamsport	PA	RDS +"KISS FM"
0400@	WBNO	100.9	Bryan	OH	Calls +"Classic Hits"
1030	WBMI	105.5	West Branch	MI	ads,"Country Hits 105-5"
1034@	WLDR	101.9	Traverse City	MI	ads 436miles
1037@	CKNX	101.7	Wingham	ON	"101.7 The One"
1040@	WRIF	101.1	Detroit	MI	calls,promos
1043	CBLA-3	100.9	Wingham	ON	"CBC Radio 1"
1051	WXYT	97.1	Detroit	MI	sports talk
1107@	WKQI	95.5	" "	MI	"Channel 95-5" hip-hop

9-25-08Trop

1125	CHKS	106.3	Sarnia	ON	ads
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9-26-08Trop

0157@	WBBG	106.1	Niles	OH	calls
0206	WMJI	105.7	Cleveland	OH	calls
0222@	WRQK	106.9	Canton	OH	"Rock 106",calls,ads
1158@	CIQM	97.5	London	ON	"Easy Rock' ID@1201

9-30-08Trop

1810@	W266AE	95.7	Wampsville	NY	ID@1835 "WVOA Mexico-Syracuse 103.9" Pgm"Catholic Answers Live" Web site station list"Oneida- Utica 101.5"
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10-1-08Trop

0057@	W239??	95.7	Spencerport	NY	//WCYI-88.9 ID@0100 Per FLN web station list
0120@	WCIH	90.3	Elmira	NY	//FLN
0123@	WCII	88.5	Spencer	NY	//FLN [WRUR running carrier only]

10-5-08Trop

1120	UNID	105.1	SW heading	?	"B105.1" female anncr not Ms
1127	UNID	105.1	" " "	?	up-fade sounded like a preacher-brief
1219	UNID	105.7	East heading	?	Female anncr"1057.com" [WQXA York,PA web--swung antenna south but only had WMRV Endicott.NY]

10-6-08Trop

1638	WKST	96.1	Pittsburg	PA	"96-1 KISS" strong
1743@	WBZO	103.1	Bay Shore	NY	"Classic Hits B103" briefly

10-7-08Trop

1012 WRCK 107.3 Utica NY Air One Donation Drive

10-8-08Trop

0955 WRKW 99.1 Ebensburg PA "Rocky 99"

10-11-08Trop

0956@ CHRY 105.5 Toronto ON reggae music-pledge#736-5656,calls ment often/Jamacian accent

10-13-08Trop

2000@ W256AC 99.1 Solvay NY "TK99 & TK105"
2035@ CBLA 99.1 Toronto ON comedy show/@2057 CBC.ca[antenna east-off back end through IBOC

William Hepburn - Grimsby, ON

cxgy@cogeco.ca Sangean HDT-1, Sony XDR-F1HD SCA : modified JVC R-X330V out to JRC NRD-535D Delhi VU-937SR @ 33' AGL 172' HAAT
= indicates RDS (ET)

May 17 ES

1326 WQGY434 25.91 Cedar Hill TX 1193 WBAP 820 IFB
1336 WQGY434 25.99 Cedar Hill TX 1193 KSCS 96.3 IFB, voice ID w/ c/s @1427

May 29 ES

1609 ZBM 89.1 Bermuda BER 1091
1916 WYGC 104.9 High Springs FL 937 ID w/WTRS 102.3 Ocala
1925 muf 162.500
1956 WHTF 104.9 Havana FL 907 = WHTF / HOT1049 / Top 40
2003 WSTI 105.3 Quitman GA 892 = WSTI / --- / Soft R&B
2005 WQBZ 106.3 Fort Valley GA 769 = WQBZ / --- / Cls Rock
2020 WKGC 90.7 Panama City FL 960

June 3 ES

1058 WXEL 90.7 West Palm Beach FL 1146 = WXEL / WXEL FM / Public
1059 WLRN-HD 91.3 Miami FL 1188
1104 WRMB 89.3 Boynton Beach FL 1151
1107 WCMQ 92.3 Hialeah FL 1203 SS
1108 WAVW 92.7 Stuart FL 1099
1113 {WRUM} 100.3 Orlando FL 1012 SS, ex-WDIZ
1115 WLRQ 99.3 Cocoa FL 1031 = KFEM / Lite Rock / Soft Rck
1129 WJBX 99.3 Fort Myers Beach FL 1159 c/s
1134 WEOW 92.7 Key West FL 1283

June 4 ES

1043 WLBF 89.1 Montgomery AL T = KALE / The Alternative / Rel Musc
1045 WTSU-HD 89.9 Montgomery AL 845 = WTSU / Troy University Public Radio Network HD = TROY-1, TROY-2, TROY-3

1256 WMAB 89.9 Mississippi State MS 854 = WMPN / MPB 89.9 / Classicl
1257 WVNA 105.5 Muscle Shoals AL 732 "Florence"
1258 WOAD 105.9 Pickens MS 921 = WOAD / 105.9-FM
1259 WKXI 107.5 Magee MS 937 = WKXI
1330 KYGL 106.3 Texarkana AR 1034 = WLJ / Texarkana's Classic Rock x Station / Cls Rock

1331 KDXY 104.9 Lake City AR 775 "Northeast Arkansas"
1332 WYVY 104.9 Union City TN 679 "Union City"
1334 KRLW 106.3 Walnut Ridge AR Tk
1337 KLAL 107.7 Wrightsville AR 901 = KLAL / --- / Top 40
1338 WGKX 105.9 Memphis TN 779 = WGKX / --- / Country
1341 KDJE 100.3 Jacksonville AR 902 = WVO / EDGE ... ROCK.COM / Rock
1343 KFCM 98.3 Cherokee Village AR 787 "The River"
1344 KQUS 97.5 Hot Springs AR 947 = KQUS / --- / Country
1345 KSSN 95.7 Little Rock AR 902 = KSSN / --- / Country
1347 KIPR 92.3 Pine Bluff AR 910 = KIPR / --- / R&B
1348 unid 89.9 SS

1349	KUAR-HD	89.1	Little Rock	AR	902	= KUAR / KUAR NPR / Talk HD = KUAR
1356	KSPQ	93.9	West Plains	MO	778	w/ KWPM 1450 on SCA-67
1405	KCMH	91.5	Mountain Home	AR	832	"Midway, Arkansas"
1406	KWMU	90.7	St Louis	MO	645	ID
1407	KSMS	90.5	Point Lookout	MO	856	= KSMU / KSMU / Public

June 4 ES

1425	KHCC	90.1	Hutchinson	KS	1014	= KHCC / --- / Classicl
1429	KCVW	94.3	Kingman	KS	1030	"Bott Radio Network"
1434	{KAHE}	95.5	Dodge City	KS	1144	"K-95", ex-KDCK
1441	KSAL	104.9	Salina	KS	985	"Classic Hits 104.9"
1442	KSSA	105.9	Ingalls	KS	1156	SS
1445	KZUH	92.7	Minneapolis	KS	981	"The Zoo"
1448	KRDQ	100.3	Colby	KS	1133	"The Ride"
1451	KKQY	101.9	Hill City	KS	1072	"Hays"
1455	KBOE	104.9	Oskaloosa	IA	680	c/s
1501	KQKY	105.9	Kearney	NE	1004	= KQKY / --- / Top 40
1505	KWQW	98.3	Boone	IA	725	= KUPV / TALK RADIO THAT'S NOW IS WOW98.3 WOW FM / Talk
1513	KBRB	92.7	Ainsworth	NE	1024	"Ainsworth"
1514	KIAI	93.9	Mason City	IA	681	= KIAI / --- / Country
	KSOU	93.9	Sioux Center	IA	842	= KSOU / --- / Adlt Hit
1517	KUSD	89.7	Vermillion	SD	867	"NPR", "South Dakota"
1526	KGFX	92.7	Pierre	SD	1040	"Dakota Radio Group"
1527	KKRC	93.9	Granite Falls	MN	805	c/s
1533	KSDZ	95.5	Gordon	NE	1143	"Hay Springs"
1538	KJRV	93.3	Wessington Spr	SD	937	"Mitchell"
1539	KKMK	93.9	Rapid City	SD	1181	"Magic 93.9"
1601	KILI	90.1	Porcupine	SD	1143	
1602	KCND	90.5	Bismarck	ND	1062	= KCND / --- / Public
1607	KMHA	91.3	Four Bears	ND	1160	"Native Voice 1"

June 8 ES

1909	KYNU	95.5	Jamestown	ND	964	= WSS / BIG DOG COUNTRY 95.5 / x Country
1911	KBIQ	102.7	Manitou Springs	CO	1349	c/s
1920	KXPX	96.5	Evergreen	CO	1358	SS
1921	KUVO	89.3	Denver	CO	1345	= KUVO / KUVO ---- / Jazz
1923	KVOD	90.1	Denver	CO	1345	= KVOD / --- / Classicl
1924	KCND	90.5	Bismarck	ND	1062	
1925	KCSD	90.9	Sioux Falls	SD	861	"Sunday Night Jazz"
1928	KBYZ	96.5	Bismarck	ND	1062	"96.5 The Fox"
1931	KULO	94.3	Alexandria	MN	801	= KULO / --- / Oldies
1933	KCCM-HD	91.1	Moorhead	MN	867	HD = KCCM
1937	KXGT	98.3	Carrington	ND	T	= KMHF / --- / Soft Rck
1939	KKIN	94.3	Aitkin	MN	726	"94.3 KKIN"
1948	CBWS	92.7	Brandon	MB	1067	"on CBC Radio 1 & 2"
2015	KDNI	90.5	Duluth	MN	661	= KDNI / Faith 90 / Rel Talk
2035	KYYX	97.1	Minot	ND	1100	"97 Kicks", "Minot"
2036	KTPT	97.9	Rapid City	SD	1209	"The Point"
2038	KJBI	100.1	Fort Pierre	SD	1037	"100.1 The Eagle", "Dakota Radio Group"
2043	muf 105.9					
2047	CBWV	97.9	Brandon	MB	1067	"CBC"
2054	KKRC	93.9	Granite Falls	MN	805	
2112	KGFX	92.7	Pierre	SD	1040	
2114	KPSD	97.1	Faith	SD	T w/Scottish mx	

June 23 ES

1822	WXEL	90.7	West Palm Beach	FL	1146	
	WGES	90.9	Cutler Bay	FL	1240	SS "La Nueva"
1825	WHQT-HD	105.1	Coral Gables	FL	1189	HD1 = WHQT-1 / HOT 105 HD 1 HD2 = WHQT-2
1827	WPBZ	103.1	Indiantown	FL	1116	= WPBZ / WPBZ-FM 103.1 The Buzz
	WLYF	101.5	Miami	FL	1189	= WLYF / 101.5 LITE FM
1829	WEDR-HD	99.1	Miami	FL	1189	HD1 = WEDR-1 / 99 JAMZ HD 1 HD2 = WEDR-2
	WKGR	98.7	Fort Pierce	FL	1110	= KFSQ / 98.7 The Gater
1830	WRTO	98.3	Goulds	FL	1219	SS = WRTO / LA KALLE / Top 40
1831	WLDI	95.5	Fort Pierce	FL	1110	= KFSR / WILD 95.5 wild955.com /
1832	WAVW	92.7	Stuart	FL	1099	
1833	WLRN-HD	91.3	Miami	FL	1188	
1835	WRMB	89.3	Boynton Beach	FL	1151	
1837	WIRP	88.3	Pennsuco	FL	1196	SS "Miami-Dade"
1839	WLRQ	99.3	Cocoa	FL	1031	

1840	WOSN	97.1	Indian Rv Shores	FL	1068	"The Ocean"
1846	muf 117.7					
1848	WWWK	105.5	Islamorada	FL	1250	SS
1851	WRGO	102.7	Cedar Key	FL	984	"Seminole Hard Rock Hotel & x Casino"
1852	WMBX	102.3	Jensen Beach	FL	1116	= WMBX / X
1859	WRUM	100.3	Orlando	FL	1012	SS
1901	WIKX	92.9	Charlotte Harbor	FL	1125	"Port Charlotte"
1904	unid	97.1				"20/20 Eyeglass Superstore 407-767-5600"
1906	WCMQ	92.3	Hialeah	FL	1203	SS
1911	WMXJ	102.7	Pompano Beach	FL	1189	
1913	WZZR	94.3	Riviera Beach	FL	1134	= WVO / 94.3 "Real Radio"
1916	WLTQ	92.1	Venice	FL	1121	= WLTQ / --- / Soft Rck
1917	WSMR	89.1	Sarasota	FL	1122	
1918	WXVS	90.1	Waycross	GA	842	= WXVS / WXVS WAYCROSS GPB ... RADIO NETWORK

June 27 ES

0952	WBGA	92.7	St Simons Island	GA	837	"92.7 Jams"
1003	WUFT-HD	89.1	Gainesville	FL	943	w/ commodity rpt? on SCA-92
1013	WAJJ	89.3	McKenzie	TN	T	"Casey Jones Village"
1015	unid	89.3				"AFR"
1027	WMBU	89.1	Forest	MS	920	"Moody Radio", MS cities mentioned
1044	WOKK	97.1	Meridian	MS	891	= WOKK / 97OKK / Country
1048	WJSU-HD	88.5	Jackson	MS	949	= WJSU / --- / Jazz
1105	WRJM	93.7	Geneva	AL	908	c/s
1129	KUAR	89.1	Little Rock	AR	902	
1149	WZNS	96.5	Fort Walton Bch	FL	963	"Gary Smith Honda"
1151	KKNG	93.3	Newcastle	OK	1108	
1154	KYIS	98.9	Oklahoma City	OK	1089	
1159	KCSC	90.1	Edmond	OK	1084	w/ CC on SCA-92
1203	KVRK	89.7	Sanger	TX	1149	= KVRK / --- / Rock
1208	KOKF	90.9	Edmond	OK	1088	= KOKF / AIR 1 90.9 / Top 40
1219	KIXQ	102.5	Joplin	MO	895	"Kicks 102.5"
1222	KNZS	99.3	Arlington	KS	1043	SS
1223	KQOB	96.9	Enid	OK	1077	KQOB / BOB FM / Cls Rock
1241	KWEY	95.5	Clinton	OK	1164	KWEY / --- / Country
1244	KKWD	104.9	Bethany	OK	1097	"Oklahoma City"
1255	KRBB	97.9	Wichita	KS	1011	"Wichita"
1258	KYCU	89.1	Clinton	OK	1164	c/s
	KMUW-HD	89.1	Wichita	KS	1002	HD1 = KMUW-1, HD2 = KMUW-2, HD3 = KMUW-3
1308	KVWF	100.5	Augusta	KS	996	KVWF / WOLF / Country
1310	KWFX	100.1	Woodward	OK	1105	
1314	unid	92.7				SS
1326	KLDG	102.7	Liberal	KS	1210	"K 102.7 The Legend"
1331	muf 117.8					
1345	KZRD	93.9	Dodge City	KS	1144	
1353	KFIX	96.9	Plainville	KS	1072	c/s

July 7 Es

0946	WAVW	92.7	Stuart	FL	1099	
0947	muf 104.9					
0956	WKGC	90.7	Panama City	FL	960	
0959	WRWA	88.7	Dothan	AL	891	WTSU-WRWA-WTJB ID
	WFSW	89.1	Panama City	FL	952	"WFS..." "Florida State University"
1013	WFRU	90.1	Quincy	FL	905	"WFRF Tallahassee" ID
1019	unid	101.9				"Magic 101.9" (WJFL or WLMG ?)
1030	WPVW	92.3	LaPlace	LA	T	
1035	WFSQ	91.5	Tallahassee	FL	928	= WFSQ / ... 91.5 / Classicl
1038	WZEW	92.1	Fairhope	AL	980	= WZEW / 92 ZEW / Rock
1040	WQSI	93.9	Union Springs	AL	820	"Auburn", "Central Alabama", "Eagle Country"
1043	WZNS	96.5	Fort Walton Bch	FL	963	
1123	KHCC	90.1	Hutchinson	KS	1014	

July 7 Tr

2017	CIJ928	959.25	Belleville	ON	128	STL CJTN 107.1 "Rock 107" "Belleville"
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July 8 ES

1825	muf 90.1					
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July 9 ES

2038	WMTM	93.9	Moulton	GA	861
2108	WMPR	90.1	Jackson	MS	951

July 10ES

1426	KBIQ	102.7	Manitou Springs	CO	1349	
1433	KILO	94.3	Colorado Springs	CO	1349	"94.3 Kilo"
1435	KTCL	93.3	Wheat Ridge	CO	1320	ID
1439	muf 117.7					
1444	KALC	105.9	Denver	CO	1344	= KALC / --- / Adlt Hit
1446	KKFN	104.3	Longmont	CO	1320	"Sports Radio 104.3"
1448	KATR	98.3	Wray	CO	1216	"Wray"
1449	KSRX	97.5	Sterling	CO	1224	"Sterling", "Fort Morgan"
1453	{KCFR}	90.1	Denver	CO	1345	= KVOD / hello / News, ex-KVOD
1458	KUWR	91.9	Laramie	WY	1325	"Wyoming Public Radio"
1501	KELN	97.1	North Platte	NE	1086	"North Platte" ad
1507	KSID	98.7	Sidney	NE	1213	"KSID Network"
1511	KBRB	92.7	Ainsworth	NE	1024	
1514	KCMI	96.9	Terrytown	NE	T	Rel
1529	KWYY	95.5	Midwest	WY	1346	"Douglas" caller
1554	KILI	90.1	Porcupine	SD	1143	
1840	KQRQ	92.3	Rapid City	SD	1182	"Rapid City"
1842	CFWF	104.9	Regina	SK	1276	"Wolf", "Regina"
1846	KFXS	100.3	Rapid City	SD	1182	
1848	KACL	98.7	Bismarck	ND	1062	"Kool", "Bismarck"
	CBWV	97.9	Brandon	MB	1067	
1850	KBYZ	96.5	Bismarck	ND	1062	
1853	KYNU	95.5	Jamestown	ND	964	
1859	KUND	89.3	Grand Forks	ND	906	= KUND / KUND / Unassigned
1924	CBWY	92.7	Jackhead Northern MB	MB	1018	"CBC Radio 1 Manitoba", wx for

July 17 Tr

1028	WWLF	100.3	Sylvan Beach	NY	192	"100.3 / 96.5"
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July 19 Tr

1238	CBFX	100.7	Montreal	QC	335	"Radio-Canada Espace Musique"
1244	CBFX6	91.1	Mont-Laurier	QC	300	// CBFX 100.7

July 19 ES

2111	KXRA	92.3	Alexandria	MN	803
2113	muf 100.5				
2137	KCND	90.5	Bismarck	ND	1062
2140	KBYZ	96.5	Bismarck	ND	1062
2204	KQRQ	92.3	Rapid City	SD	1182
2207	KFMK	93.9	Rapid City	SD	1182

July 22 ES

1052	unid	106.3			SS	
1056	unid	96.5				"WNDN" ?
1100	WSOR	90.9	Naples	FL	1171	= WSOR / WSOR / Rel Musc
1101	WXVS	90.1	Waycross	GA	842	
1103	WCMQ	92.3	Hialeah	FL	1203	SS
1105	WLDI	95.5	Fort Pierce	FL	1110	
1110	WRMB	89.3	Boynton Beach	FL	1151	
1112	WJCL	96.5	Savannah	GA	774	"96 Kix"
1117	WAVW	92.7	Stuart	FL	1099	
1120	WBPC	95.1	Ebro	FL	T	"B 95.1"
1121	WZNS	96.5	Fort Walton Bch	FL	963	
1122	WLRQ	99.3	Cocoa	FL	1031	
1125	WUWF-HD	88.1	Pensacola	FL	972	HD1 = WUWF-1
1128	WZEW	92.1	Fairhope	AL	980	
1141	WOSM	103.1	Ocean Springs	MS	1015	= WVO / 103.1 WOSM Southern Gospel Giant / Rel Musc
1145	WJOX	100.5	Northport	AL	811	= WJOX / JOX100.5 / Sports
1151	WEZB	97.1	New Orleans	LA	1082	= WEZB / Kl... / Top 40
1153	WKBU	95.7	New Orleans	LA	1082	= WTKL / 95.7 / Adlt Hit
1156	WXBM	102.7	Milton	FL	974	= WXBM / Thanks for Listening to Your Country 102.7 WXBM / Country
1204	WDVW	92.3	LaPlace	LA	1101	= WVO / MIX92.3 / Rock
1205	WWNO-HD	89.9	New Orleans	LA	1078	HD = WWNO
1207	KLRZ	100.3	Larose	LA	1114	ID w/ KLEB 1600

1211	WLYX	96.7	Valdosta	GA	881	c/s
1214	WALN	89.3	Carrollton	AL	828	c/s
1217	WEAT	104.3	West Palm Beach	FL	1134	= WEAT / 104.3... / Soft Rck
1222	muf 116.7					
1224	WUUU	98.9	Franklinton	LA	1031	"Cat Country"
1225	WIWF	96.9	Charleston	SC	708	"96.9thewolf.com"
1228	WHLZ	100.5	Marion	SC	607	= WHLZ / WHEELZ / Country
1238	WBVD	95.1	Melbourne	FL	1041	"Kiss 95.1"
1239	WSCC	94.3	Goose Creek	SC	703	= WSCC / 94.3_WSC / Talk
1241	WMPN	91.3	Jackson	MS	961	= WMPN / MPB 91.3 / Classicl
	WMPR	90.1	Jackson	MS	951	
1244	KRVS	88.7	Lafayette	LA	1134	= KRVS / KRVS.ORG / Public
1247	KNXX	104.9	Donaldsonville	LA	1101	"The X", "Lake Charles"
1249	KCIL	107.5	Houma	LA	T	
1252	WWJN	104.9	Ridgeland	SC	746	"John FM"
1253	WYOY	101.7	Gluckstadt	MS	941	= WYOY / Y101
1255	WRUM	100.3	Orlando	FL	T	SS
1300	WJLU	89.7	New Smyrna Bch	FL	T	"Deltona"
	WUSF	89.7	Tampa	FL	1070	
1305	WRTM	100.5	Fort Gibson	MS	991	= WRTM / WRTM-FM.SMOOTH..100.5 FM SOUL R&B / R&B = KFTS / --- / Rock
1307	unid	106.1				
1318	KAFX	95.5	Diboll	TX	1162	
1322	KHPA	104.9	Hope	AR	995	"Super Country 105"
1326	WXLY-HD	102.5	North Charleston	SC	716	HD = WXLY
1339	unid	100.5				"Q-100"
1359	KERA	90.1	Dallas	TX	1194	
1401	KCBI	90.9	Dallas	TX	1194	c/s
1405	KQUS	97.5	Hot Springs	AR	947	
1413	unid	92.7			SS	
1417	KWFX	100.1	Woodward	OK	1105	--- / KWFX COUNTRY
1423	KVRK	89.7	Sanger	TX	1149	
1438	KLDG	102.7	Liberal	KS	1210	
1442	KZRD	93.9	Dodge City	KS	1144	

July 26 ES

1603	KHCC	90.1	Hutchinson	KS	1014	
1604	unid	89.7				"NPR"
1614	KLDG	102.7	Liberal	KS	1210	
1616	KQRC	98.9	Leavenworth	KS	828	= KQRC / THE ROCK / Rock
	KUTT	99.5	Fairbury	NE	920	= KWBE / KUTT-FM / Country
1617	KBLV	99.7	Kansas City	MO	828	= KBLV / --- / Rock
1618	KSEZ	97.9	Sioux City	IA	846	"Zee 98 FM"
1620	KIOA	93.3	Des Moines	IA	716	= KIOA / 93.3 KIOA
1621	KFTI	92.3	Newton	KS	998	
1623	KLJC	88.5	Kansas City	MO	825	
1632	KRNY	102.3	Kearney	NE	1004	= KRNY / --- / Country
1633	KDRB-HD	100.3	Des Moines	IA	721	HD1 = KDRB-1 / 100.3 THE BUS, HD2 = KDRB-2
1635	unid	98.7				= WUW / KMNT / Country
1637	KJCK	97.5	Junction City	KS	944	"Power Hits 97.5", "Junction City"
1638	KMAQ	95.1	Maquoketa	IA	567	wx for Maquoketa
	WSSQ	94.3	Sterling	IL	524	c/s
	WYEC	93.9	Kewanee	IL	545	c/s
1640	unid	93.3				= KFDP / --- / Country
1646	KEZO	92.3	Omaha	NE	850	= KEZO / --- / Rock
1704	KWQW	98.3	Boone	IA	725	
1713	KGLI	95.5	Sioux City	IA	847	= WRI / KG95 / Top 40
1714	KRVN	93.1	Lexington	NE	1050	= KRVN / KRVN-FM / Country
1726	KELN	97.1	North Platte	NE	1086	
1729	KUSO	92.7	Albion	NE	943	"Norfolk"

July 29 GW

1230	VFN859	104.9	Hamilton	ON	15	"Your inspirational voice for Hamilton"
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July 29 Tr

1620	{WCLV}	104.9	Lorain	OH	171	ex-WZLE
------	--------	-------	--------	----	-----	---------

August 1 GW

----	WEDG-HD	103.3	Buffalo	NY	40	HD = WEDG
------	---------	-------	---------	----	----	-----------

August 2 ES

1745 WXVS 90.1 Valdosta GA 842

August 3 ES

1314 KUND-HD 89.3 Grand Forks ND 906 HD = PPR
2124 KSRD 91.9 St Joseph MO KS 835 "St Joseph, Missouri"
2126 KZUH 92.7 Minneapolis KS 981
2132 KVWF 100.5 Augusta KS 996
2136 unid 92.7 SS
2139 KHCC-HD 90.1 Hutchinson KS 1014 HD = KHCC-FM
2151 KFTI 92.3 Newton KS 998
2152 KDGS 93.9 Andover KS 1008

August 4 ES

0020 unid 89.3 "AFR"
1055 muf 90.1

August 9 GW

2155 STARLITE3 104.9 Hamilton ON 10 Drive-In w/ Wall-E movie

August 11 ES

2005 KRSW 89.3 Worthington MN 819 = --- / MUSIC, "MN Public Radio"
2006 muf 90.9

August 12 MS

2000 WHTF 104.9 Havana FL 907 = WHTF / --- / Top 40
(previous via ES)

August 13 MS

1404 WXCL 104.9 Pekin IL 542 "The new 104.9 The Wolf"

August 17 Tr

0052 WWHT-HD 107.9 Syracuse NY 175 HD1 = WWHT-FM-1, HD2 = WWHT-FM-2, SS

August 21 Tr

0052 WHZZ 101.7 Lansing MI 255 "101.7 Mike FM", "Lansing"
1332 WGKV 101.7 Pulaski NY 182 "K-Love"

August 22 Tr

0700 {WLYK} 102.7 Cape Vincent NY 173 ex-WBDR

August 23 Tr

2027 CJRC 104.7 Gatineau QC ON 245 FF talk

August 26 Tr

0241 CKJJ1 100.9 Cobourg ON 88 // CKJJ 102.3 Belleville

August 27 Tr

0808 CBBK 92.9 Kingston ON 172 "100.5 London/92.9 Kingston" ID

September 2 Tr

0221 WFLY 92.3 Troy NY 284 "Fly 92.3"
2237 CBCE 97.5 Little Current ON 224 "90.1 Elliot Lake/91.9 Hearst" ID

September 3 Tr

1006 CJMV 102.7 Val-d'Or QC 370 FF, "Radio Énergie"
(previous via Au)

September 4 Tr

0239 CBFX3 88.3 Amos QC 371 FF, "Espace Musique" // local CJBC
0247 CBFY 89.1 Ville-Marie QC 281 FF, // local CJBC AM 860

0254	CICS	91.7	Sudbury	ON	239	"Kicks FM", k
0313	CFXN	106.3	North Bay	ON	T	
2248	WNTQ-HD	93.1	Syracuse	NY	179	HD = WNTQ-FM
2253	WYYY-HD	94.5	Syracuse	NY	174	HD1 = WYYY-FM-1 / HD Radio...www.HD- Radio.com, HD2 = WYYY-FM-2 / do.

September 5 Tr

0028	WRVO-HD	89.9	Oswego	NY	152	HD1 = WRVO-FM-1 / NPR / WRVO-HD HD2 = WRVO-FM-2 / WRVO Extra / More of WRVO & NPR
0047	WUUF	103.5	Sodus	NY	121	"Big Dog Country"
0050	WBBS-HD	104.7	Fulton	NY	159	HD = WBBS-FM / WBBS-104.7 HD Radio
0106	?	943.5	Rochester	NY		WXXI-TV audio
0139	WJNY-HD	90.9	Watertown	NY	197	HD = WCNY-1

September 19 Tr

2335	WXUR	92.7	Herkimer	NY	228	"92.7 The Drive"
2355	WVPS-HD	107.9	Burlington	VT	348	HD1 = WVPS-FM-1 / VPR HD RADIO www.vpr.net, HD2 = WVPS-FM-2, HD3 = WVPS-FM-3

September 20 Tr

2049	W239BA	95.7	Lockport	NY	40	// WCOU 88.3 Warsaw
2114	{WLGZ}	102.7	Webster	NY	105	c/s, ex-WRCI

September 22 Tr

0306	WNAE	102.7	Clarendon	PA	106	// WKNB 104.3
------	------	-------	-----------	----	-----	---------------

September 23 Tr

1145	WHOK	95.5	Lancaster	OH	T	wx for Somerset, etc
------	------	------	-----------	----	---	----------------------

Russ Edmunds, WB2BJH

Blue Bell, PA

40:08:45N; 75:16:04W, Grid FN20id

FM: Yamaha T-80 w/ Conrad RDS Decoder & Onkyo T-450RDS; APS9B @ 15'

August 2 Es

1700		88.1				Shouting relig, raspy male in broken EE
1706	WFHU	91.5	Henderson	TN		"91.5, The Lion"
1706		88.1				Cont Chr, not semi-local "Word FM"new
1706		88.3				Rel talk
1707		91.5				Contemp. Christian
1713	WOWL	91.9	Burnsville	MS		Rock, RDS PI 7BE7 new
1730	KLBT	88.1	Beaumont	TX		Membership promo, ID new
1733		88.1				Doo Wop Oldies
1740		88.1				Spanish music - sounds Mexican, female duet, accordions
1755	KDHX	88.1	St. Louis	MO		RDS PI 18B9; Sounded like Hebrew music
1757	KOPN	89.5	Columbia	MO		"Straight Talk with Darell Foster & Wynna x Faye", "Kore Issues with Tyree & Family"new
1759	KHML	91.5	Madisonville	TX		ID new
1800	KPVU	91.3	Prairie View	TX		ID new
1808		94.7				Cont Chr
1810		88.1				"? Marsalis, Thanks for listening to FM 88.1" 1837
	KAYT	88.1	Jena	LA		"Adult R&B on 88.1& 98.9"; 1900 Gospel & ID
1930	KLRK	92.9	Marlin	TX		"Star 92.9"
1930		94.9				Standards
1940	WIKX	92.9	Charlotte Harbor	FL		ID, weather
1940	WZEW	92.1	Fairhope	AL		Concert promo for Mobile, ID
2000	WJNS	92.1	Yazoo City	MS		ID

August 3 Es

2000	WMEQ	92.1	Menomonie	WI		ID ending "Blues Deluxe"
2008	KLQP	92.1	Madison	MN		American Legion Baseball - Ortonville vs. Madison; "92-Q"
2011	KESD	88.3	Brookings	SD		"Big Band Spotlight" // 91.9
2011	KQSD	91.9	Lowry	SD		"Big Band Spotlight" // 88.3
2014	KRSW	89.3	Worthington	MN		Classical // KRSU-91.3; RDS PI 3ECE

2014	KRSU	91.3	Appleton	MN	Classical //KRSW-89.3
2025		90.5			Classical, either KGAC-MN or KCND-ND

August 4 Es

1002		92.1			Gospel Choir, likely KROI-TX
1013	KRLS	92.1	Knoxville	IA	Ending "Radio Classifieds", ID
1121	KHPQ	92.1	Clinton	AR	Gateway Twin Cinema ad, Hwy 65 in Clinton
1132	KDQN	92.1	DeQueen	AR	Ad for CCCUA
1135		99.9			rec
1136	WUMS	92.1	University	MS	"Rebel Radio, 92.1"; Oxford's Best Music
1144	KKEG	92.1	Fayetteville	AR	Rock, ID
1144		99.9			Current rock
1145	WKXY	92.1	Clarksdale	MS	"The Best Hits of the 60's, 70's and 80's, WROX" new
1146	WEUZ	92.1	Minor Hill	TN	Urban, ID for "103.1 WEUP" new
1149	WJNS	92.1	Yazoo City	MS	SONLIFE Radio Network
1152	KGPQ	99.9	Monticello	AR	Ad for O & M Oil Co.
1207		92.1			Gospel hymns, again KROI most likely
1800	WDDQ	92.1	Adel	GA	ID
1804	WJXR	92.1	Macclenney	FL	Radio Auction
1808	WNFK	92.1	Perry	FL	Country - partial ID new
1815		92.1			Don Henley's "Last Worthless Evening"

August 9 Es

1141	WGTZ	92.9	Eaton	OH	RDS PI: 6678; Gin Blossoms' "Til I Hear From You", matched via yes.com new
1643	WLXX	92.9	Lexington	KY	Local ad with phone number new

August 11 Es

1436	KTGL	92.9	Beatrice	NE	Event promo, slogan
1520	KMXN	92.9	Osage City	KS	Weather
1943	KKJM	92.9	St. Joseph	MN	" Spirit 92.9" slogan by child
1946	KMXN	92.9	Osage City	KS	Current rock, ID
1952	KTGL	92.9	Beatrice	NE	ID
1953	KGRC	92.9	Hannibal	MO	Hip Hop, Rap, ID
2000	KNOX	94.7	Grand Forks	ND	Rock, ID
2006	WSCD	92.9	Duluth	MN	Classical
2027	WHGNT	91.9	Crystal River	FL	Promo for "Moody Florida FM"
2035	KBLV	99.7	Kansas City	MO	Blues-rock, ID

August 12 Es

1653	WBLX	92.9	Mobile	AL	"Gulf Coast's # 1 for Hip Hop & R & B"
1659	WSCD	92.9	Duluth	MN	Classical, promo
1659	KUWS	91.3	Superior	WI	WPR Ideas network; identical timing to WSCD on unattended recording new
1952	KSDR	92.9	Watertwon	SD	Ad for Watertown Ford-Chrysler
2001	WFIX	91.3	Florence	AL	Christian music, ID new
2001		92.9			Delilah possibly WJXA-TN
2003	KVREp	92.9	Hot Springs Village	AR	Standards
2017		92.9			Football broadcast
2200	KBIA	91.3	Columbia	MO	ID, promo new
2328		92.9			unID Country - Kenny Chesney - "You Had Me From Hello"

August 13 Es

0120		92.9			unID Country Josh Gracin - "We Weren't Crazy"
1147	WHHI	91.3	Highland	WI	ID
1200	WQLN	91.3	Erie	PA	ID new
1328	WHHI	91.3	Highland	WI	ID
1700	WKSU	89.7	Kent	OH	Multi-ID new

August 15 Es

1713	KUCA	91.3	Conway	AR	ID new
1715	KBHN	89.7	Booneville	AR	Contemp Christian, "Power Worship" new

1722	KVRE	92.9	Hot Sprgs Village	AR	Ad for Riser Nissan, ID, Standards
1738	WTGB	94.7	Bethesda	MD	Rock, ID
1810	KYAL	97.1	Muskogee	OK	Sports talk, local event promo
1820	KDHX	88.1	St. Louis	MO	Jazz, ID

August 28 Es

0850	WTRM	91.3	Winchester	VA	Southern Gospel, ID
0900	WVEP	88.9	Martinsburg	WV	WVPR Multi-station ID
1007	WFQX	99.3	Winchester	VA	DJ chatter, ID

September 5 Tr

1015	WWOT	100.1	Altoona	PA	"Hot 92 & Hot 100, Altoona/Johnstown"new
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September 21 Tr

1110	WNUW	97.5	Burlington	NJ	Music, wx
1247	WRAR	105.5	Tappahannock	VA	Redskins FB, ID
1250	WKRR	92.3	Asheboro	NC	Rock (matched via yes.com), wx, "Rock 92", local ad new

September 22 Tr

1826	WJHT	92.1	Johnstown	PA	"Hot 92 & Hot 100, Altoona/Johnstown" new
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September 25 Tr

1830	WJUX	99.7	Monticello	NY	"The Bridge FM", religion
1950	WCTZ	96.7	Port Chester	NY	Ad for "Stepping Stones Museum for Children" in Norwalk

September 30 Tr

0706	WCIM	91.5	Shenandoah	PA	FLN promo, NEPA weather new
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SOME ANALOG TELEVISION TO STAY AFTER SHUTDOWN

Doug Smith (11/22/08)

Our corporate Director of Engineering circulated an email yesterday indicating the "Short-term Analog Flash and Emergency Readiness Act", S.3663, has passed the U.S. Senate.

(why "Flash"? Because that way, the bill's acronym spells "SAFER".....)

This legislation would require the FCC to establish rules no later than January 15th which would allow many TV stations to continue analog operations for 30 days after February 17, but only to broadcast information about the DTV transition and such emergency/safety information as the FCC may find to be in the public interest.

It specifically excludes stations whose analog operations are in channels 14-20 and 52-69. It also specifically excludes stations whose analog operations would interfere with post-transition digital operations. (this would of course include stations whose post-transition digital channel is their current analog channel! – that will affect two of our stations.)

It does NOT require stations to leave their analog operations on the air.

The House version H.R. 7013 has not yet been acted on. The wording is slightly different so unless it's amended before approval a conference will be necessary. We do expect the bill to pass the House.

I've not read anything about whether President Bush plans to sign the bill, but I'd be VERY surprised if he vetoed it. The bill gives the FCC a deadline of January 15th to act - that's five days before President Obama is inaugurated, so he won't be the one signing it.

6 Meter/2 Meter Amateur DX



50 Mhz
The *Magic* Band



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

It is that magic time of year, the point where we pause and ask ‘Ole Santa for things we may not get, or even deserve. But, we can always ask, can’t we? Those of us who haunt the VHF ham bands have one item on our Christmas lists – to get our shot at working the 4 Meter Band.

4 Meters is a fairly new ham allocation, and one not available in North America outside Greenland. The band, starting at 70 MHz, is allocated mainly in parts of Europe and Africa. In Great Britain, perhaps the main user of the band, 4 Meters (OK. They spell it “metres,” but this is America, so I’ll use *our spelling*) extends from 70.0 to 70.5 MHz. That’s not a huge allocation, but it’s certainly enough for a lot of DX fun. In other countries, the band edges and allowed transmission modes vary.

Hams who are lucky enough to have 4 Meters available certainly have challenges. First, equipment is not commercially available. So, operators on the band are often “home brewers” or those able to beg, borrow, or steal from others. Further, power output may be significantly limited. Spain, for instance, which just got a 4 Meter allocation, is capped at just 10W ERP. Hungary, another recent player on the 4m scene, also limits to 10W ERP. Since even a modest antenna system may bring 6 dB forward gain, 2.5W input might be all you get! But, if you want power, head to Somalia. If you don’t mind the Spartan living conditions, you can work 70 MHz with a whopping 3 kW input!

Operating on 4 Meters would be an interesting, to say the least. Sporadic-E, the staple of 6 Meter (50 MHz) operation, would be plentiful. Tropospheric ducting, while still not at the thrilling levels seen on 2 Meters (144 MHz), would certainly be better than on 6 Meters. Perhaps the main difference between 4 Meters and 6 Meters would be apparent at Solar Maximum. F2-layer propagation – a rare, but extremely fun treat on 6m – would be so rare at 70 MHz that an opening might be a once-in-a-lifetime event.

As much as I would like to dream about working 70 MHz, even at low power, I know *it ain’t gonna happen* – at least not for a long time. While numerous ideas abound as to the future of low-band VHF TV, 70 MHz falls right in the middle of the band, inside the channel 4 allocation. After February, although there will be very little activity on the channel, the allocation remains, and a few stations will be using it.

So, we can ask Santa for 4 Meters, but I’m thinking a little coal in our stockings is the best we can expect.

Thanks to Jeff Kadet for sending his QSL.

Pse QSL Tnx 73 es DX
 ex-KN1MOD/K1MOD 1959-85, W3CRH
 1985-98, DXCC 300+, Rig: Kenwood
 1S-930S, Drake L-4B, Mosley TA-33
 up 80', McDonough County Grid EN40

6M
 IC-756
 1.5 KW
 7 el up 57'

Jeff Kadet
 Box 20
 Macomb, IL 61455
 U.S.A.

PROBLEMS RECEIVING LOCAL DIGITAL TV STATIONS

This thread posted on the WTFDA's tvfmdx email list on November 22, 2008

Saul Chernos writes:

I've got the Insignia (STB) working at home, in downtown Toronto, fed through rabbit ears, about a mile or so from the CN Tower, where the xmtrs are located. I have fairly tall buildings blocking in between. I can receive some local signals OK, but some are spotty, breaking up badly to the point they're not worth watching, and one or two are consistently 'no signal' despite signs it's trying. Oddly enough, WNLO in Buffalo is fairly consistently in (WNED and others only occasionally). I'm doing this in deadband winter cx.

With analog, some signals I were less than perfect but entirely watchable. Is my experience with the DTV conversion box typical? Is this what people can expect with over the air DTV, with or without good rooftop antennas? Are apartment dwellers and people who can't install good rooftop antenna systems SOL? If so, there will be unhappy consumers...

I'm curious to any DXer reaction to this.

Steve Rich replies:

Wow, you are close to the local transmitters! My first reaction to your current experience with the Insignia is that multipath is killing the signal quality at your location. But with that being said, and factoring in my experience with a number of various DTV receivers over the years, I can't imagine what your experience would be with ANY of the older DTV receivers. The LG (Insignia, Zenith) CECB unit is by far the best one out there to deal with multipath.

On the other hand, I'm sure that most DTV viewers do not live within 1-2 miles of local transmitters. My nearest DTV tower (WTHR-DT 46 @ 1000kW) is 3 miles away. I rarely use any indoor antenna, but when I have experimented with one this station was sometimes rather tricky to keep locked. Antenna placement was very critical. I assume it's multipath, but I've also wondered whether it could be related to another proximity issue. Maybe one of our transmitter engineers, like Doug, can answer this. Is it possible to be so close to the tower that the main signal radiates above your receive antenna?

Also, I'm not familiar with the Toronto DTV stations so I have no idea what kind of ERP they are sending out. A quick check indicates you are approximately 60 miles from Buffalo, so receiving WNLO-DT (1000kW @ 1000 ft.) indicates your receive antenna is working quite well.

Bill Hepburn replies:

When weather radio was on from the CN Tower on 162.475 and also St Catharines

162.475 at the same time (before CN Tower switched to 162.400), we got many complaints in deadband cx that people near the CN Tower could no longer pick up Toronto - but instead we getting St Catharines 40 miles away! The CN Tower sigs must have literally been going over their heads.

But as far digital vs. analog Saul, I wonder whether your box is a victim of overload? I have a Sony DVR that doesn't like signals too strong. For CITY-53 & CKXT-66, they were breaking up despite being rock solid on my TV. Backing off with a variable attenuator resulted in no breakup & better SNR value on the DVR. I now put the coax for the DVR through a 7 dB loss splitter just to keep the sigs lower. (Mind you, my Zenith box, which is like your Insignia, seems to not have a problem - but then I'm not 1 mile away from the CN Tower).

Bob Seaman shares some thoughts:

I agree with Steve that your problem is most likely multipath signals especially since you have tall buildings between the transmitters and your location. Using a Sylvania SRZ3000 and an Accurian with an indoor 2-bay UHF antenna requires some adjustment to the antenna position to get a lock on the local digital stations. When I use the CM 8-bay antenna at about 15 feet above ground level, there isn't any problem getting a lock. There are a lot of tall trees (about 30 feet high) near my house in the direction of the transmitters which are about 17 miles away. Also I get some ghosting of the analog signals of these stations when I use the indoor antenna instead of the 8-bay. I haven't used my Zenith DTT-900 with the indoor antenna, but I would expect to have a similar problem with the multipath signals, especially on UHF.

And **Saul** sez:

This is interesting feedback, from all of you. Thanks! It will be interesting to see how the transition goes and any complaints that may emerge from people like myself and how these might be addressed - if the people with oversight even care.

And here's **Scott Fybush**:

Living less than a mile from Pinnacle Hill here in Rochester, I have no doubt that it's possible - and pretty easy, actually - to overload a DTV box with even a minimal antenna if you're close to the transmitters.

Serious question for Saul - have you tried sticking an unbent paperclip into the antenna jack of the Insignia box? Believe it or not, that's what I've been using here for my locals, with great success...and we're actually

recommending that WXXI viewers close in to Pinnacle try it as well.

Doug Smith adds:

I think Bill (and Steve) is right on both counts - especially the latter.

It is possible for DTV signals to be "too strong". Overload of RF amplifiers in analog may simply cause parts of the picture to get a bit "washed out", but in digital it may make it impossible for the receiver to tell the difference between +7 and +5. That would result in roughly 10% of the data being misread - I can't imagine any box could recover from that.

So first, if you have any amplifiers in the circuit, get rid of them!

Second, consider trying an attenuator. Or even a worse antenna. (at that range, might a paper clip be an adequate antenna??)

Steve Rich again with more info:

Here's another example of the correlation between Bill's explanation about being too close to the CN Tower to receive the weather radio signal and your issue relating to the poor DTV reception. This is from WKAR-DT, East Lansing, MI. <http://wkar.org/digitalguy/antenna.php> Please note this part of the page.....

Weak Signal

You may experience a weak signal from WKAR if:

.....

- you are located very close to our WKAR tower

Your reception issue MIGHT be too much signal, not enough signal and/or multipath. Keep testing and hopefully we'll figure this out.

INTERESTING TWIST ON THE ANALOG SHUT-DOWN TESTS

Scott Fybush

Next Monday night (11/24) from 8-9 PM, we're doing an hour-long special on WXXI-TV in Rochester called "DTV 101," complete with a phone bank staffed with engineers so viewers can call in with their questions about the conversion.

Instead of the one- or two-minute "shutdowns" that stations have been doing, we're trying something a little different - viewers of our analog over-the-air signal on channel 21 will see a red bar across the bottom of their screen throughout the hour. Everyone else - WXXI-DT 21.4, cable and satellite - won't get the bar. (We won't be simulcasting the special on our HD service, 21.1, since the assumption is that anyone who can see THAT is already more than ready for February!)

As far as we know, there are no cable systems taking our analog signal off-air anymore. The handful of Canadian systems that get us have receivers for WXXI-DT, and all our US cable coverage is on Time Warner, which we feed by fiber.

We'll be preceding the TV special with an hour of call-in on WXXI AM 1370, Monday noon-1 PM, which I'll be hosting with fellow DXer (and WXXI engineer) Nolan Stephany. That one streams, too, at wxxi.org.

DX reports highly encouraged! (There's even a toll-free number.)



Photo by Paul Mitschler

THE
GEEK SQUAD
OF
TV DXING...

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WTFDA

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And *thanks* for your support of the WTFDA!

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

WTFDA CONTEST UPDATE CONTINUED FROM PAGE 22

Digital TV:

<u>DXer</u>	<u>Stations logged</u>	<u>Logging points</u>	<u>Grids</u>	<u>Total Score</u>
<i>Danny Oglethorpe Shreveport, Louisiana</i>	78	156	25	3,900
<i>Roy Barstow Teaticket, Massachusetts</i>	94	204	19	3,876
<i>Robert Grant Temperance, Michigan</i>	67	134	17	2,278
<i>Douglas Smith Pleasant View, Tennessee</i>	48	96	18	1,728
<i>Steve Rich Indianapolis</i>	43	86	18	1,548
<i>Jim Thomas Milliken, Colorado</i>	16	32	3	96

Get your loggings in for next month – both to me and to your DX column editors. Thanks!

FM NEWS CONTINUES FROM PAGE 21

terrestrial, high-frequency digital radio service for the state of Alaska.

The ARRL takes issue with testing on the 7.1 – 7.3 MHz portion of the band, which it says is heavily used within ITU Region 2, including Alaska, and "is allocated domestically exclusively to the amateur radio service." DART plans to test using a 20 kHz bandwidth digital emission at a transmitter output power of 100 kilowatts and an ERP of 600 kW within a radius of about 930 miles of Delta Junction, Alaska.

"There is a 100% certainty of severe, continuous, harmful interference from operation of the DART facilities as authorized by the commission to ongoing amateur radio operation at 7.1 to 7.3 MHz," says the ARRL in its petition, filed this week. It calls that portion of the 7 MHz band perhaps the most heavily used amateur HF band in the United States.

According to the grant for the CP and license, issued Oct. 7, operation is subject to prior frequency coordination with the SBE. On Oct. 24, the FCC issued an amended license that redefined one of the station's frequency ranges to eliminate conflict with the Amateur Radio Service. The amended license narrows the range to 7.30 to 7.60 MHz.

In response to queries Thursday evening from Radio World asking about this issue, company President Whit Hicks stated in an e-mail that DART would not operate in 7.1 to 7.3 MHz, to avoid any interference with amateur operators.

Thanks to Shawn Axelrod, Dave Bright, John Ebeling, Deane McIntyre, Tim Noonan, Pete Taylor, Upper Midwest Broadcasting.com and Wisconsin Broadcasting.com for updates. If you hear any changes occur on your FM dial, share the news!

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

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