

### THE WORLDWIDE TV-FM DX ASSOCIATION

Serving the UHF-VHF Enthusiast

THE VHE 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, DAVE JANOWIAK AND MIKE BUGAJ.

> Editor and publisher: Mike Bugaj Treasurer: Dave Janowiak Webmaster: Tim McVey ditorial Staff:, Victor Frank, George W. Jensen, Jeff Kruszka Keith McGinnis, Fred Nordquist, Matt Sittel, Doug Smith, Adam Rivers, Jason Koralja and John Zondlo, Our website: www.anarc.org/wtfda ANARC Rep: Jim Thomas, Back Issues: Dave Nieman, JUNE 2004



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

Dues are \$25 if paid to our Paypal account. But of course you can always renew by check or money order for the usual price of just \$24. Either way, it's still a bargain!

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Well, the skip is finally flying. There haven't been any major bang-up FM openings just yet, but they'll come. This month Bruce Elving supplies a few pages of recent translator info, we've got info on upcoming DX club conventions and Doug Smith wraps up his course on digital television.

Hope you all enjoy this issue!



Just \$2.00 Each





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#### **JUNE 2004**

It's back! I'm talking about E skip. Early May brought 50mhz openings in Europe and North America with a few of them reaching up to the FM band briefly. A good period in particular was May 10-12. A few newsworthy items are receptions by **Matt Sittel** of WKYC-DT 2 with a partial picture decode with the NBC peacock in the lower right of the screen plus a great screencatch of the PSIP ID on the Win TV D card, **Juan Gualda's** catches of RCN and Caracol (Venezuela and Colombia) plus Puerto Rico from his home in Ft. Pierce, and **Steven Wiseblood's** Es from Nicaragua.

Matt's reception of WKYT-DT is just the second DTV E-skip reception ever recorded(**Girard Westerberg** was the first one to do it last year). Matt was late for work that day but he didn't even care. You can't blame him.

#### MEMBERS AND MORE

An official welcome goes out this month to **Peter Baskind** (TN) who joins the WTFDA after being on the WTFDA reflector for longer than I can remember. We all look forward to his 50mhz skip alerts and we're glad you decided to put c'mon in.

We have renewal checks received this month from Milton C. Bay (KY), Fred Nordquist (NY), William Grant (MA), Jerry Bond (NY), George Mileon (MA), Eric Fader (NY), Steve Naetzker (CA), Peter Giacopelli (NY), Harry Helms (CA), Jacob Norlund (MN), and Ken Onyschuk (IL). And thank all of you for your support of the WTFDA!

**Bill Grant** writes "No winter Es noted. Waiting for the next round to start. F2 on vacation for a few years." (Well, this round of Es is beginning. I hope those of us in the north have a good season. –Mike)

**Matt Sittel** talks about the upcoming convention: "Early arrivals are invited to a cookout Thursday night at the Sittel's house. Then on Friday we have a tour lined up at frequent skip catch KMTV-3, followed by a group dinner and business meeting Friday evening. Saturday will feature a WTFDA quiz, awarding of door prizes, and a barbecue buffet for our Saturday night banquet. We're still working on a few more things such as short lectures and presentations on all

aspects of DX. Of course in between there will be plenty of time to sit and visit with other attendees. We'll also be setting up antennas on site and will have HDTV and RDS receivers set up to demonstrate the latest technology. While I can't promise there will be DX, late summer can bring about all-day tropo as well as skip, which out here can come from both coasts! What I can promise is a great host location, the Park Plaza Regency Lodge, and a good time WTFDA fellow members. with your

We've already got half a dozen folks registered for the event, and you've got until June 30 to register. If you've never attended a WTFDA convention, you owe it to yourself to come on out and meet with fellow hobbyists. Why not make this the year you attend? If you have any questions, please get in touch with Mike or me.

#### PART 15 DEVICES ON TV CHANELS

**Peter Baskind** reports: "The FCC is now proposing using vacant TV channels for Broadband WiFi distribution. Unlike the dubious Broadband Over Power Lines (BPL), where "primary user" hams like me can complain and require the provider to fix potential problems, TV viewers will have no such standing, as non licensed users of the spectrum." (This is just wonderful news –M)

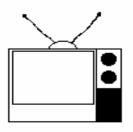
#### E SKIP MAPS

With Es at our doors it would benefit every one of us who has a computer and is online to bookmark the following site: http://www.egrabow.com/gallery/. This is the location where you'll find maps of the US and Canada and some Mexico showing all skip stations from ch2 to ch6 with powers and network affiliation. These maps are a great aid and our hats are off to **Ryan Grabow** for publishing a truly informative website!

#### WANT A DTV CARD?

Go to <u>www.tigerdirect.com</u> or call 1-800-800-8300. They have the Hauppauge Win TV D card for \$99. Do a search on the website for "Hauppauge" for the details. I doubt you'll ever see a better price.

Take care and see you next month. -Mike



# I V News

Arroyo

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

41-05-58/

124-07-35

QG from ch. 56,

20 KSSY-LP

#### June 2004

Abbreviations:			
AF	Applied For (a new station)	PG	Power change granted
Aux	Auxiliary (backup) transmitter	PR	Power change requested
CC	Callsign change	QC	Channel (?frequency??) change on the
			air
CL	City-of-license change	QG	Channel change granted
DE	License/permit deleted	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 channe	I SI	Off the air (?silent??)
	allotments)		
LC	License to Cover	STA	Special Temporary Authority
NS	Permit granted for new station	XC	Transmitter site changed
NW	New station on the air	XG	Transmitter site change granted
PA	Proposed Amendment	XR	Transmitter site change requested
PC	Power (and/or tower height) change on		
	the air		

News:

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

Decatur	51 WY.
<i>Louisville</i>	<b>44 WG</b>
Opelika	31 WS

in <b>bold italics</b>	• • • •		Grande	20 NOOT-LF	20kw, 35-06-25/
<u>Alabama:</u> Decatur		QG fm ch. 16	Bakersfield	6 NEW-LP	120-30-58 AF dismissed
Louisville	44 WGIQ-DT		Bakersfield	34 KJOI-LP	PG>150kw,
Louisville	44 WOIQ-D1	262m	Baltoronola		35-25-47/
Opelika	31 WSWS-DT	-			118-44-56
openna	01 110110 21	539 <i>m</i> ,	Bakersfield	47 K47IA	PG>150kw,
		32-19-16/			35-26-17/
		84-47-28			118-44-22
Tuscaloosa	5 WCFT-DT	NW 9.5kw/625	Banning	55 K55JW	PG>8.5kw;
Alaska:	•		U		PR>10kw,
Anchorage	23 NEW-LP	AF dismissed			34-11-16/
Arizona:					117-41-54
Cottonwood	51 K51HV	QG from K58AV	Caliente	43 K43IR	NS 22kw,
Kingman	20 K20ID	QG from			35-15-21/
U		K55GG, 790w			118-37-39
Littlefield	48 NEW-LP	AF dismissed	Chico	28 KKPM-CA	PG<129kw, from
Peach Spring	21,NEW-LP	AF dismissed			zero offset to
	45				plus
Phoenix	43 K43GV	PG<9kw,	Chico	32 K32GM	NS 1kw,
		33-20-01/			39-45-18/
		112-03-44	_		121-44-13
Prescott	20 NEW-LP	RE AF 5kw,	Daggett	46 K46HT	QC from K44DV
		34-42-52/	Eureka	35 KEAZ-LP	PR>50kw, 40-
		112-31-33			43-36/123-58-
Tacna	23 NEW-LP	AF dismissed			18; already
Arkansas:		<b>a-</b>	Glen Arbor	26 KBKF-LP	granted
Bentonville	26 K14IT	QR dismissed	GIEN AIDOI	20 NDNF-LP	PG>20kw, 37-06-40/
Dentensille		ROA			121-50-29;
Bentonville	26 K26HB	PG>150kw; CC			PR>22kw,
CI Derede	64 1/64110	from K14IT			36-45-23/
El Dorado	61 K61HQ	XR 33-48-10/			121-30-05;
		92-26-10; QG fm K46DT, 150kw			CC from K26HN
Fort Smith		<i>NW 325kw/602</i>	Holtsville	30 K56GC	QR from ch. 56,
Springdale		QR from ch. 15,			3.4kw; CL from El
opiniguale		3kw dismissed			Centro-Holtville
<u>California</u> :			Joshua Tree	17 K17GJ	CC from K57EV
Arcata	26 K26HM	NS 25kw,	Maricopa	38 KNXT-LP	QG from ch. 57,
					150kw

		OC from KG2AO	Dedatana		VC 20 11 20/
Morongo Vly. Oxnard	40 K40HX 63 KBEH-TV	QG from K62AO CC from KADY	Redstone	9, K09XN, 11 K11VC	XG 39-14-20/ 107-13-02
Palm Desert		NS 7.26kw,	Vail	45 K45IE	XR 39-36-18/
	40101010	33-38-55/	van	IO I CIOLE	106-21-23
		116-33-34	Windsor	36 K36HG	PG>150kw, CL
Palm Springs		AF dismissed			from Estes Park
Palm Springs	29 K29GA	NW 60w, 33-49-	Woody Creek		PG<60w,
		00/116-43-10;		44 K44GQ	39-18-37/
		PR>6.6kw, 33-45-20/	Connecticut		106-56-53
		116-43-18			
Redding	2 K02QA	QG from K56ID,	<u>-</u> Darien	69 WNYZ-LP	QR from ch. 33
U		410w, 40-39-19/			dismissed; QR
		122-31-22; NW			to ch. 35
Redding	42 K42GE	PR>150kw			dismissed
Redding	46 K46HI	NW 3kw,	New Britain	35 WVIT-DT	NW
		40-39-16/ 122-31-13	New Haven	30 WCTY-DT	205kw/434m <i>NW 170kw/301</i>
Redding	58 K58IF	NS 29.3kw,	Norwich		PA from ch. 45
J		40-39-16/	Delaware:	• • • • • • • • • •	
		122-31-13	Rehoboth	59 W59DZ	NS 1kw,
Ridgecrest	45 K45GQ	QC from K69AS,	Beach		38-44-53/
0		2.38kw			75-11-00 (TBN)
Sacramento Salinas	3 KCRA-TV 3 KMMD-CA		Seaford	44 WDPB-DT	PG>98kw
San Diego	24 K61GH	QR from ch. 61,	District of Co		PC>1000kw, DA
Call Diego	24101011	125kw, 32-50-	Florida:	34 W03A-D1	FC>1000KW, DA
		24/ 117-14-52;	Clearwater	26 WXAX-LP	PR<50kw.
		CL from National			27-50-52/
_		С.			82-15-48
San	28 KFTL-CA	PG>90kw	Fort Myers	14 WTPH-LP	-
Francisco	60 KCSM-TV	CX			26-43-36/
San Mateo Santa Ana		NS 50kw/900m	Gainesville	8 WNFT-LP	81-47-14 PG>3kw,
Santa	28 K28GY	QC from K55AP,	Gamesville	O WINFI-LP	29-38-08/
Barbara		74.3kw			82-19-35
Barbara Sonoma	43 NEW-LP	74.3kw AF dismissed	Gainesville	36 WUFT-DT	82-19-35 <i>NW 1000kw/263</i>
	43 NEW-LP 22 KDTS-CA	AF dismissed PR>50kw	Inglis/	<b>36 WUFT-DT</b> 47 WYKE-LP	<i>NW 1000kw/263</i> XR 28-53-02/
Sonoma Stockton	22 KDTS-CA	AF dismissed PR>50kw dismissed; PR>5	Inglis/ Yankeetown	47 WYKE-LP	<b>NW 1000kw/263</b> XR 28-53-02/ 82-31-20; XG
Sonoma Stockton Twentynine	-	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR,	Inglis/ Yankeetown <i>Jacksonville</i>	47 WYKE-LP 13 WTLV-DT	<i>NW 1000kw/263</i> XR 28-53-02/ 82-31-20; XG <i>NW 25kw/310m</i>
Sonoma Stockton	22 KDTS-CA	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw	Inglis/ Yankeetown	47 WYKE-LP 13 WTLV-DT	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/
Sonoma Stockton Twentynine Palms	22 KDTS-CA 29 K29GK	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw	Inglis/ Yankeetown <i>Jacksonville</i>	47 WYKE-LP 13 WTLV-DT	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL
Sonoma Stockton Twentynine Palms Ukiah	22 KDTS-CA 29 K29GK	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed	Inglis/ Yankeetown <i>Jacksonville</i>	47 WYKE-LP 13 WTLV-DT	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/
Sonoma Stockton Twentynine Palms Ukiah <u>Colorado:</u>	22 KDTS-CA 29 K29GK 19 KDSL-CA	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls	Inglis/ Yankeetown <i>Jacksonville</i>	47 WYKE-LP 13 WTLV-DT	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/
Sonoma Stockton Twentynine Palms Ukiah <u>Colorado:</u> Aspen	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?)	Inglis/ Yankeetown Jacksonville Jacksonville	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46
Sonoma Stockton Twentynine Palms Ukiah <u>Colorado:</u>	22 KDTS-CA 29 K29GK 19 KDSL-CA	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from	Inglis/ Yankeetown <i>Jacksonville</i>	47 WYKE-LP 13 WTLV-DT	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m
Sonoma Stockton Twentynine Palms Ukiah <u>Colorado:</u> Aspen	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?)	Inglis/ Yankeetown Jacksonville Jacksonville	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/
Sonoma Stockton Twentynine Palms Ukiah <u>Colorado:</u> Aspen	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw	Inglis/ Yankeetown Jacksonville Jacksonville	47 WYKE-LP 13 WTLV-DT 15 WJXE-LP 8 WVIB	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05
Sonoma Stockton Twentynine Palms Ukiah <b>Colorado:</b> Aspen Aspen Basalt	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw,	Inglis/ Yankeetown Jacksonville Jacksonville	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m,
Sonoma Stockton Twentynine Palms Ukiah <b>Colorado:</b> Aspen Aspen Basalt Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/	Inglis/ Yankeetown Jacksonville Jacksonville	47 WYKE-LP 13 WTLV-DT 15 WJXE-LP 8 WVIB	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05
Sonoma Stockton Twentynine Palms Ukiah <b>Colorado:</b> Aspen Aspen Basalt Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR	Inglis/ Yankeetown Jacksonville Jacksonville	47 WYKE-LP 13 WTLV-DT 15 WJXE-LP 8 WVIB	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw,
Sonoma Stockton Twentynine Palms Ukiah <b>Colorado:</b> Aspen Aspen Basalt Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/	Inglis/ Yankeetown Jacksonville Jacksonville Key West	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b>	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/
Sonoma Stockton Twentynine Palms Ukiah <b>Colorado:</b> Aspen Aspen Basalt Estes Park Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG	Inglis/ Yankeetown Jacksonville Jacksonville Key West	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b>	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48;
Sonoma Stockton Twentynine Palms Ukiah <b>Colorado:</b> Aspen Aspen Basalt Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/	Inglis/ Yankeetown Jacksonville Jacksonville Key West	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b>	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b>	Inglis/ Yankeetown Jacksonville Jacksonville Key West	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b>	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b>	Inglis/ Yankeetown Jacksonville Jacksonville Key West	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b>	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC,	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR	Inglis/ Yankeetown Jacksonville Jacksonville Key West Key West Lake City	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Estes Park Hartsel	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC, 23 K23GZ	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw	Inglis/ Yankeetown Jacksonville Key West Key West Lake City Mayo	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw,
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC,	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw QG from K63AB,	Inglis/ Yankeetown Jacksonville Key West Key West Lake City Mayo	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12-
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Estes Park Hartsel	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC, 23 K23GZ	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw QG from K63AB, 46.9kw,	Inglis/ Yankeetown Jacksonville Key West Key West Lake City Mayo	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12- 32; CL from
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Estes Park Hartsel	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC, 23 K23GZ	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw QG from K63AB,	Inglis/ Yankeetown Jacksonville Key West Key West Lake City Mayo Miami	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP 49 W49CL	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12- 32; CL from Rock Harbor
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Loveland	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP <b>17 KRMJ-DT</b> 20, K20IC, 23 K23GZ 45 K45GR	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw QG from K63AB, 46.9kw, 40-38-31/ 104-49-05; CL from Estes Park	Inglis/ Yankeetown Jacksonville Key West Key West Lake City Mayo	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP 49 W49CL 56 WEYS-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12- 32; CL from
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Loveland Loveland	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC, 23 K23GZ	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw QG from K63AB, 46.9kw, 40-38-31/ 104-49-05; CL from Estes Park QC from K62AP,	Inglis/ Yankeetown Jacksonville Key West Key West Lake City Mayo Miami	47 WYKE-LP <b>13 WTLV-DT</b> 15 WJXE-LP <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP 49 W49CL 56 WEYS-LP	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12- 32; CL from Rock Harbor FC; Almavision
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Loveland Loveland	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP 17 KRMJ-DT 20, K20IC, 23 K23GZ 45 K45GR 31 K31FS	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed PG<65kw/409m 39-03-58/ 108-44-43 QG from K68AR & K70FL, 3.4kw QG from K63AB, 46.9kw, 40-38-31/ 104-49-05; CL from Estes Park QC from K62AP, 1.3kw	Inglis/ Yankeetown Jacksonville Jacksonville Key West Lake City Mayo Miami Miami Orlando	<ul> <li>47 WYKE-LP</li> <li><b>13 WTL V-DT</b></li> <li>15 WJXE-LP</li> <li><b>8 WVIB</b></li> <li><b>12 WVIB-DT</b></li> <li>33 W33CI</li> <li>33 W33CI</li> <li>32 NEW-LP</li> <li>49 W49CL</li> <li>56 WEYS-LP</li> <li><b>14 WRDQ-DT</b></li> </ul>	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12- 32; CL from Rock Harbor FC; Almavision PG>182kw/477 NS 3kw, 30-12-13/
Sonoma Stockton Twentynine Palms Ukiah Colorado: Aspen Aspen Basalt Estes Park Estes Park Estes Park Estes Park Loveland Loveland	22 KDTS-CA 29 K29GK 19 KDSL-CA 50 K50IF 50 K50IN 36 K36GX 49 K49IB 61 K61AA 44 NEW-LP <b>17 KRMJ-DT</b> 20, K20IC, 23 K23GZ 45 K45GR	AF dismissed PR>50kw dismissed; PR>5 QG from K65AR, 4kw CC from K19FN AF dismissed (so why calls issued?) QG from K03DW, 1.4kw PG<80w PR>150kw PG>150kw, 40-15-56/ 105-33-37; XR 39-54-48/ 105-17-33; PG AF dismissed <b>PG&lt;65kw/409m</b> <b>39-03-58/</b> <b>108-44-43</b> QG from K68AR & K70FL, 3.4kw QG from K63AB, 46.9kw, 40-38-31/ 104-49-05; CL from Estes Park QC from K62AP,	Inglis/ Yankeetown Jacksonville Jacksonville Key West Lake City Mayo Miami Miami Orlando	47 WYKE-LP <b>13 WTLV-DT</b> <b>15 WJXE-LP</b> <b>8 WVIB</b> <b>12 WVIB-DT</b> 33 W33CI 32 NEW-LP 49 W49CL 56 WEYS-LP <b>14 WRDQ-DT</b> 8 W08DZ	NW 1000kw/263 XR 28-53-02/ 82-31-20; XG NW 25kw/310m XR 30-16-51/ 81-34-12; CL from Lake City; PG>150kw, 30-16-32/ 82-04-46 PR<2.65kw/56m 24-33-18/ 81-48-05 PR>210w/56m, 24-33-18/ 81-48-05 PG>150kw, 30-15-28/ 82-10-48; XR 30-16-51/ 81-34-12; CL to Maxville; XG AF dismissed QG from W54BB, 75kw, 25-58-15/ 80-12- 32; CL from Rock Harbor FC; Almavision PG>182kw/477 NS 3kw,

Salwase         Salwase         49 K49IC         OG from K57CI           9 W69DH         W34DH         OG from W54CU, 22,1kw         Usata         111-11-00           Panama GU         36 W34DH         OG from W54CU, 22,1kw         Usata         111-11-00           Panama GU         18 W18DB         PR-24kw, PG         Galesburg         51 W51DT         OG from W50K, 17,8kw           Sarasota         5 W05CO         OG from W44AW, 3kw         Galesburg         50 W41BO         OC from Ch. 41, 37,7kw           Tampa         26 WXAX-LP         POc50kw, 27,50-52/ 82-15-48; CL from Cheavater         77,7kw         89 34-05           Tampa 30 WTAM-LP         PC-68.8kw         Rochelle         33 W32CH         RR 42-01-12/ 88-22-53           Tampa 58         OWARP-CA PF-150kw         Rochelle         31 W34CH         Rochelle         88-49-24, 88-49-24           Savannah         40 W34A-P         PC-58.8kw         Rochelle         61 W61DT         PC-32kw, 41-48-46, 98-42/84-46-46, 98-42/84-46-46, 97-46-4		26,W26BV,				
B W BODH         42-37-48/ W54CU 22.1kw         42-37-48/ W54CU 22.1kw           Pon Rickey Rock Harbor         18 W 18DB W 180B So W 18DB So W 18DB So W 18DB So W 18DC So W 18DC S				Salmon	49 K49IC	QG from K57CI
Panama City         34 W34DH W64CU.22.1Wa         11141-00           Port Richey         18 W18DB         PR.2tw. PG         Galesburg         51 W51DT         GG from W50DF, 17.8kw           Sarasota         5 W05CO         0G from         Joiet         53 WG80D-71 W1 190kw401           Sarasota         5 W05CO         0G from         Joiet         50 W41BO         Cfrom ch. 41, 37.7kw, 48-201-12           Tampa         26 WXAXLP         PG-650kw, 27-50-52/         83-32-32         89-34-05           Tampa         30 WTAML-P         PG-649 8kw         Rochelle         33 W33CH         R4 2-01-12/           Tampa         30 WTAML-P         PG-649 8kw         Rochelle         48 W48DH         PG-150kw, 42-04-28/           Petersburg         20 WARAL-P         PG-649 8kw         Rochelle         61 W61DT         PG-278k-140/km           Coordia:         70 WX1A/DT         WW 800000         Rochelle         61 W61DT         PG-278k-14-0/km           Atlanta         20 WARAL-P         PC-551 8kw         PG-381kw         PR-38kw, 41- 59 568/737-23         Gargy 77 778k-14-0/km           Atlanta         20 WARAL-P         PC-551 8kw         PR-548/km         Gargy 77 78k-14-0/km         Gargy 77 78k-14-0/km           Atlanta         38 K38IE         N 550		, , ,		Soda Springs	49 K49HU	-
WS4CU.22.1kw         Illinois: Gelsburg         51 W51DT         OG from W50DF, 17.8kw           Rock Habor         50 W54B         QR from ch.54 dismissed         Joint         53 WG8CDT         Wabb         QG from ch.14, W30DF, 17.8kw           Sarasota         5 W05CO         QG from W34W, 3kw         Peoria         50 W14D         QC from ch.14, W30DF, 17.8kw           Tampa         26 WXAX-LP         PG-50 kw, Z2-50-527         Rochelle         33 W32CH         XR 42-01-12/ W42-24-28/ 42.04-28	D Oit					
Port Rickey Rock Harbor So W54BB         PR-2kw.PG         Galesburg         51 W51DT         OG from W50BV, 17.8kw           Sarasota         50 W54BC         OG from W34W, 3kw         Joinet         53 WG80-DT         W1 r80kw401           Sarasota         50 W54CD         OG from W34W, 3kw         50 W41BO         OC from ch. 41, 37.7kw, 49.32-29/ 89.34-05           Tampa         26 WXXALP         P6-560 kw, 27-50-52/ 80.75-48; CL from Clearwater         Rochelle         33 W33CH         R4 2-01-12/ 88-22-53           Tampa S0         30 WTAMLP PC-668; 8kw         Rochelle         48 W48DH         PG-5150kw, 42-04-24/           Petersburg         80 WAXLP         PG-551 8kw, 92-728-150kw         Rochelle         61 W61DT         PG-22kw, 41- 44-247.2788-15-06, W57CT, 36.5kw           Atlanta         10 WXLADT         PW 80500m         Rochelle         61 W61DT         PG-5278.18/kw, PR-38kw, 41- 53-5667-37-23           Savannah         43 W43CK         G from t11.93/kw         PG-5451.8kw, PR-50kw         PR-50kw, PR-50kw         PR-50kw, PR-50kw           Kailua         50 KKAI         NW 852.2kw/52, PC-4551.8kw, PR-50kW         Jeffersonville         9 WHF-LP         OR from ch. 53 PR-50k           Kailua         50 KKAI         NW 832.2kw/52, PC-46-451         Jeffersonville         9 WHF-LP         OR from ch. 5, PR-50kW	Panama City	34 W 34 DH		Illinois		111-41-00
Rock Harbor         50 W50BB         QR from ch. 54 dismissed         Jollet         W30PV, 17.8kw           Sarasota         5 W050-0         QG from W34AW, 3kw         Peoria         50 W41B0-0         QC from ch. 41, 37.7kw, 40-33.22y           Tampa         26 WXAX-LP         PG-50kw, 27.50-56.7         Rochelle         33 W33CH         XR 42-01-12/ 88-22-53           Tampa         30 WTAM-LP         PG-89 Swk         Rochelle         48 W48DH         PG-150 kw, 42-04-28/           Tampa         30 WTAM-LP         PG-89 Swk         Rochelle         48 W48DH         PG-150 kw, 42-04-28/           Tenton         58 NEW-LP         AF dismissed         Rochelle         61 W61DT         PG-22 kw, 41- 42-04-28/           Atlanta         20 WARX-LP         PG-54 Skw         Rochelle         61 W61DT         PG-22 kw, 41- 92-22 kw, 41- 92-22 kw, 41- 92-22 kw, 41- 93 36 K73-72 3           Atlanta         20 WARX-LP         PG-54 Skw         Rochelle         61 W61DT         PG-22 kw, 41- 92-22 kw, 41- 92 42 kw, 41- 93 36 KW-11         So Kw, 41- 92 35 36 KW         PG-22 kw, 41- 48 27 K8-16-06; PR-38 kw, 41- 92 35 36 KW         PG-22 kw, 41- 48 27 K8-16-06; PR-38 kw, 41- 92 35 36 KW         PG-22 kw, 41- 48 27 K8-16-06; PR-38 kw, 41- 92 35 36 KW         PG-22 kw, 41- 48 27 K8-16-06; PR-38 kw, 41- 92 35 36 KW-17 PR-38 kw, 42- 92 56 kw         PG-22 kw, 41- 48 27 K8-16 kw, 41- 48 KWHV-DT         PG-42 kw, 41- 4	Port Richev	18 W18DB			51 W51DT	QG from
Sarasota         5 W06C0 W34AW, 3kw         Peoria         50 W41B0 S0 W41B0, 27 F0-52/ B2-15-48; CL Trom Cleatwater         CC from 6.4.1, 37 7kw, 40-33-29/ B9-34-05           Tampa         26 WXAX-LP Tampa         PG-50kw, 27-50-52/ B2-15-48; CL Trom Cleatwater         Rochelle         33 W33CH         XR 42-01-12/ B8-22-53           Tampa         30 WTAMLP PG-656 9kw         Rochelle         48 W48DH         PG-150kw, 42-04-28/ B8-22-53           Tampa         30 WTAMLP PG-665 9kw         Rochelle         48 W48DH         PG-150kw, 42-04-28/ B8-22-53           Tampa         30 WTAMLP PG-665 9kw         Rochelle         61 W61DT         PG-280 9kw, 41- 42-04-28/ B8-22-53           Atlanta         10 WXIA-D7         WW 80kw/303m         Rochelle         61 W61DT         PG-22ky, 41- 42-04-28/ B8-22-53           Atlanta         20 WARLP PG-551.8kw         PC-3455         PG-350.8kw         PR-36kw, 41- 53-5667-37-23           Savannah         43 W43CK         QG from T1 95kw         PG-249 5k, 41- 82-278         PR-50.8kw           Kahului         38 K38IE         NW 850kw(82, 11.95kw         PG-17.1kw, 39- 82-257         PR-50.8kw           Kailua         50 KKAI         NW 820kw632, 21-19-969         PR-17.1kw, 39- 52.7 KE-43         PR-17.1kw, 39- 52.7 KE-43           Lihue         52 KEV-LP         RE AF 15kw, 10- 19-24-55         P				Calcobalg		
Tampa         26 WJXAV, UP         PG-550kv, 27-50-52/ 27-50-52/ 27-50-52/         37 /Kw, 49-33-22/ 89-24-05/ 89-24-01-12/ 89-22-53         37 /Kw, 89-24-05/ 89-24-05/ 89-24-05/ 89-24-05/ 89-24-05/ 89-24-05/ 89-24-01-12/ 89-22-53           Territon         58 NEW-LP         AF dismissed         Rochelle         31 W30/H         R 42-01-12/ 89-22-53           Atlanta         10 WXIA-DT         W 80kw/303m         Rochelle         61 W61DT         96-228/w, 41- 49-2788-16-06; 49-228/w, 41- 59-56/w; 100-0220 30-10         100-0220 80-12-20           Savannah         43 W43CK         QG from ch. 60, 11-9-24         Indianapolis         47 WBXL-OF         Af from ch. 53 8/w           Kaitua         50 KKAI         NW 33 kw/632 21-59-59/ 115-24-55         Jeffersonville         9 W-HF-LP         QR from ch. 5, 3/w           Lihue         52 K52JG         NS 16/w, 21-59-59/ 115-24-55         Soux City         51						
Tampa         26 WXAX-LP         PG-50kw, 27-50-52/ 82-15-48, CL         Rochelle         33 W33CH         XR 42-01-12/ 89-24-55           Tampa         30 WTAM-LP         PG-68.9kw         Rochelle         48 W48DH         PG-150kw, 42-04-26/           Tampa         30 WTAM-LP         PG-68.9kw         Rochelle         48 W48DH         PG-150kw, 42-04-26/           Tampa         30 WTAM-LP         PG-68.9kw         Rochelle         48 W48DH         PG-150kw, 42-04-26/           Tampa         30 WTAM-D7         NW 80kw/303m         Rochelle         61 W61DT         PG-245/k, 42-04           Ceorgia:         20 WARALP PG-551.8kw         Rochelle         61 W61DT         PG-245/k, 41-04           Atlanta         10 WXIA-D7         NW 80kw/303m         Rochelle         61 W61DT         PG-245/k, 41-04           Atlanta         10 WXIA-D7         NW 80kw/303m         Rochelle         61 W61DT         PG-248/k, 41-05           Atlanta         10 WXIA-D7         NW 80kw/303m         Rochelle         61 W61DT         PG-248/k, 41-05           Atlanta         38 K38IE         NS 50kw, 20-46-43/         Gary         17 W7IN-D7         MW 300kw/290           Indianapolis         48 WTTV-D7         Af form ch. 53         NS 50kw, 21-19-24/S         PR-2117.4kw, 36-32/S	Sarasota	5 W05CO		Peoria	50 W41BO	
27-50-52/ trom Cleanvater from Cleanvat	Tompo					,
B2-15-8; CL from Cearwater from Cearwater 20 WARP-CA PR-150kw         Rochelle         33 W33CH         XF420-112/ 88-22-83           Tampa 30 WTAM-LP PG-58,9kw         Rochelle         48 W48DH         PG-150kw, 42-04-28/ 88-49-24;           Tamta 50 WEV-LP         AF dismissed         XR 42-01-12/ 88-22-53         XR 42-01-12/ 88-22-53           Atlanta 10 WXIA-DT         NW 80kw/303m         Rochelle         61 W61DT         PG-252,8kw, 41- 63-56,667.37-23 (John Hancock Center, Chicago), PG; PR-530kw, 41- 53-56,67.37-23 (John Hancock Center, Chicago), PG; PR-50kw         Biomingto 48 UTTV-DT         Af Crom ch. 60, 11.39kw         Indiana: Biomingto 78 Kahului         PR-50,8kw, 41- 62 KJCC         PR-50,8kw, 41- 63-56,67.37-23 (John Hancock Center, Chicago), PG; PR-50kw           Hawaii: Honolulu         43 W43CK         QG from 13.9443/         Gary         77 WYIN-DT         W300kw230 86-12-20           Sa Kaslle         NS 50kw, 158-14-51         Indianazolis         47 WSI-CA         PR-5117.4kw, 36-12-20           Kahului         38 Kaslle         NS 50kw, 158-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Kailua         50 KKAI         NW 83.2kw/632, 21-59-59/         Jeffersonville         9 WVHF-LP         QR from ch. 5, 36-12-20           Lihue         52 K52/G         NS 15kw, 21-59-59/         Jeffersonville         9 WVHF-LP         QR from ch. 5, 36-12-20     <	гатра	20 WAAA-LF				
Tampa         30 WTAM-LP         PG-68.9kw         Rochelle         48 W48DH         PG-478/48/ 42-04-28/ 88-49-24;           Petersburg         58 NEW-LP         AF dismissed         XR 42-0112/ 88-22-83         XR 42-0112/ 88-22-83         XR 42-0112/ 88-22-83           Atlanta         10 WX1A-DF         NW 80kw/303m         Rochelle         61 W61DT         PG-22kw, 41- 83-22-83           Atlanta         10 WX1A-DF         PG-551.8kw         Rochelle         61 W61DT         PG-22kw, 41- 83-27/88-16-06; PR-383kw, 41           Augusta         6 WJBF         PG-541.8kw         Rochelle         61 W61DT         PG-22kw, 41- 83-27/87-72.3 (John Hancook Center, Chicago); PG; PR-580kw           Savanah         43 W43CK         QG from thorolulu         81 50kw, 20-46-43/         Indiana: Bioomingto         48 WTV-DT         W3 00kw290 86-12-20           Kahului         38 K38IE         NS 50kw, 21-19-59/ 159-24-55         Indianapolis         47 WYIN-DT         W3 00kw290 86-12-20           Lihue         52 K52/G         NS 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QR from K61HD, 20kw           Waimanalo         56 KMGT         PR +19kw/340m2 159-24-55         Jeffersonville         24 K42HL         QG from K61HD, 20kw           Georgetown         15 K15GO         Grom K57IA, 330w, 42-30-07/ 112-02-31				Rochelle	33 W33CH	
Tamga-St. Pretersburg         20 WARP-CA PR>150kw         42-04-28/ 88-49-24; XR 42-01-12/ 88-24-26           Georgia: Attanta         10 WXIA-DT         NW 80kw303m         Rochelle         61 W61DT         PC-225kr, 41- 48-22-25kr, 41- 53-56kr, 41- 23-24-264 - 23-456r, 41- 51         Indiana: Indianapolis         PR>50kw           Hawaii: Honolulu         46 KHU-LP 46 KHU-LP 20-46-43/ 20-46-43/ 21-95-50r         Indianae Bloomingto 47 WBXI-CA 47						
Petersburg Georgia:         58 NEW-LP 36 NEW-LP         AF dismissed dismissed         84-9-24; XR 42-01-12/ 88-22-53           Atlanta Atlanta         10 WXIA-DT         NW 80kw/303m         Rochelle         61 W61DT         98-22-53 88-22-53           Atlanta         20 WAIX-LP         PG-51.8kw         Rochelle         61 W61DT         98-22-53 88-22-53           Augusta         6 WJBF         PC-495m, 33-24-20/ 81-50-01         Solver, W57CT, 36.5kw         PR-505/ PR-50kw         PR-38/N, 41- 53-56/87-72-3           Boomingto         38 K38IE         NS 50kw, 20-46-43/         Gary         17 WVIN-DT         NW 300kw/300 86-12-20           Hawaii:         NS 50kw, 21-19-49/0         Gary         17 WVIN-DT         NW 300kw/300 86-12-20           Lihue         50 KKAI         NW 83.2kw/632, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QR from ch. 5, 86-12-20           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QR from ch. 5, 86-12-20           Lihue         52 K52JG         NS 15kw, 21-39-59/ 159-24-55         Javenport         44 K4HL         QG from CM 5, 80-24-44, 81, CL 6700 Otumwa 159-24-53         Slowz City         51 K3BDU         CG from ch. 38, 50.1kw           Georgetown         15 K15GO         G from K57IA, 330w, 42-30-07/ 330w, 42-44-30 </td <td></td> <td></td> <td></td> <td>Rochelle</td> <td>48 W48DH</td> <td>-</td>				Rochelle	48 W48DH	-
Trenton         58 NEW-LP         AF dismissed         88-22-53           Atlanta         10 WXIA-DT         NW 80kw/303m         Rochelle         61 W61DT         PG-523           Augusta         6 WJBF         PC-495n, 33-24-20'         Sa-26-01         Sa-27/88-16-06, PR-38kw, 41- 53-66/87-37-23         PR-38kw, 41- 53-66/87-37-23           Savannah         43 W43CK         QG from W57CT, 36.5kw         Indiana: Bioomingto         PR-38kw, 41- 53-66/87-37-23           Kahului         38 K38lE         NS Sokw, 11.93kw         n         PR-58kw           Honolulu         46 KHLU-LP W57CT, 36.5kw         97         17 WYIN-DT         NW 300kw/290           Kahului         38 K38lE         NS Sokw, 159-24-55         n         17 WSIN-DT         NW 300kw/290           Lihue         52 KS2U         NS 15kw, 21-19-459         Davemport         44 K44HL         QG from K61HD, 20kw         38-25/ 8-22-25/ 8-24-55           Waimanolo         56 KMGT         PR-19kw/340m2 119-24-55         Davemport         44 K44HL         QG from ch. 33, 50.1 Kw           Idaho:         66 K46JF         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1 kw           Idaho:         14 K14MC         QG from K58BA         Nog A         20 HS0-20         9		20 WARP-CA	PR>150kw			
Georgia: Atlanta         NW 80kw/303m         Rochelle         61 W61DT         PG-822,83 PG-22kw, 41- 48-27/88-16-06; PG-822kw, 41- 48-27/88-16-06; PG-822kw, 41- 53-56/87-72-33           Augusta         6 WJBF         PC-495m, 33-24-20/ 81-50-01         Rochelle         61 W61DT         PG-822,83 PG-822kw, 41- 48-27/88-16-06; PR-336kw, 41- 53-56/87-72-33           Savannah         43 W43CK         QG from thonolulu         QG from thonolulu         Indiana: 11.93kw         Indiana: Bloomingto 156-14-51         Indianapolis         17.W7IN-DT         GA from ch. 53 (John Hancock Center, Chicago); PG; PR-50kw           Kahului         38 K38IE         NS 50kw, 156-14-51         Indianapolis         17.W7IN-DT         GA from ch. 5, 39-53-25/           Kalua         50 KKAI         NW 83.2kw/632, 21-59-59/ 159-24-55         Davenport         44 K44HL         OG from Cof from ch. 5, 3kw           Lihue         52, NEW-LP         RE AF 15kw, 54         Soux City         51 K3BDU         Cof from ch. 5, 3kw           Uainue         52, NEW-LP         RR 15kw, 54         Soux City         51 K3BDU         Cof from ch. 38, 50 kw           Georgetown         15 K15GO         QG from K571A, 330w, 42-30-07/ 115-73-3         Soux City         51 K3BLU         PG-24-14-8(CLU) From Othurwa           Gatable         54 KS4JF         NS 41kw, 343-45-44/ 115-73-0         51 KSBLU         70-62-	•	58 NEW-LP	AF dismissed			
Atlanta         10 WXAL-DT         NW 80kw/303m         Rochelle         61 W61DT         PC-22kw, 41- 48-27/88-16-06; PR>38-50-01           Augusta         6 WJBF         PC>435m, 33-24-20/ 81-50-01         Savanah         33-24-20/ 34-27/88-16-06; PR>38-50-01         PR>38kw, 41- 53-56/87-37-23           Savanah         43 W43CK         QG from W57CT, 36.5kw         Indiana: Bloomingto         Indiana: 48 WTTV-DT         Chicago); PG; PR>50kw           Hawaii: Honolulu         46 KHLU-LP 20-46-43/         QC from ch. 60, 156-14-51         Indiana: Bloomingto         77 WVIN-DT         NW 300kw/290           Kahului         38 K38IE         NS Sokw, 21-59-59/         n         77         WWIN-DT         NW 300kw/290           Lihue         52 K52JG         NS 15kw, 21-59-59/         Davemport         44 K44HL         QG from 66-12-20           Lihue         52 K52JG         NS 15kw, 21-59-59/         Davemport         44 K44HL         QG from K61HD, 20kw           Kaimanabo         65 KMGT         PR = AF 15kw, 21-59-59/         Davemport         44 K44HL         QG from K61HD, 20kw           Lihue         52 K52JG         QG from K57IA, 330w, 42-30-07/         Davemport         44 K44HL         QG from 0.10m, wa 50.1kw           Georgetown         15 K15GO         QG from K57BA, 43-45-44/         Topeka         32 N		0011211 2				
Augusta         6         WJBF         PC-495m, 33-24-20/ 81-50-01         PR-38kw, 41- 53-56/87-37-23 (John Hancock W57CT, 36.5kw         PR-38kw, 41- 53-56/87-37-23 (John Hancock Center, Chicago); PG; PR-50kw           Savannah         43 W43CK         QG from W57CT, 36.5kw         Indiana: Bioomingto         JBW           Honolulu         46 KHLU-LP         QC from ch. 60, 11.93kw         Indiana: Bioomingto         JBWITV-DT         NW 300kw/290 PR-350kw           Kahului         38 K38IE         NS 50kw, 20-46-43/ 156-14-51         Gary         17 WVIN-DT         NW 300kw/290 B6-12-20           Kaitua         50 KKAI         NW 33.2kw/632, 21-19-49/ 159-24-55         Gary         17 WVIN-DT         NW 300kw/290 B6-12-20           Lihue         52 NEW-LP         RE AF 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL         OG from K61HD, 20kw           Lihue         52 NEW-LP         RE AF 15kw, 21-44-85         Na Kikw         Tom Ottumwa           Lihue         52 NEW-LP         RE AF 15kw, 21-19-24/ 159-24-55         Si KMGT         PR-318kw/44.8 (L From Ottumwa           Garageville         45 K5GJF         QG from K57IA, 330w, 42-30-07/ 11-19-23/         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Garageville         45 K46HX         QG from K59BA 400-02-03         Topeka         32				Rochelle	61 W61DT	
33-24-20'         53-56/87-37-23 (John Hancock Center, Chicago); PG; PR-50kw           Savannah         43 W43CK         QG from W57CT, 36.5kw         Chicago); PG; PR-50kw           Hawaii: Honotkluu         46 KHLU-LP         QC from ch. 60, 11.93kw         Indiana: Bioomingto         48 WTTV-DT         GA from ch. 53 restored           Kahului         38 K38IE         NS 50kw, 20-46-43         n         7         WW-DT         WW 300kw/290 Indianapolis           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49         157-45-24         Jeffersonville         9 WVHF-LP         QG from ch. 53 Restored           Lihue         52 K52JG         NS 15kw, 21-59-59/         Jeffersonville         9 WVHF-LP         QG from ch. 53 Restored           Lihue         52, NEW-LP         RE AF 15kw, 21-59-59/         Jewenport         44 K44HL         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR <19kw/340m2 1-19-23/         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Georgetown         15 K15GO         QG from K59BA 44 K44,         S1 KSM-LP         PG -41.1kw, 360w         32 NEW-LP         AF dismissed 100-02-03						
Savannah         43 W43CK         QG from W57CT, 36.5kw         (John Hancock Center, NS7CT, 36.5kw         (John Hancock Center, PR-50kw           Hawaii: Honolulu         46 KHLU-LP         QC from ch. 60, 11.93kw         Indiana: Bioomingto         Katur         NW 550kw, 39.5325/ 47 WBXL-D         NW 300kw/290           Kahului         38 K3BIE         NS 50kw, 20.46-43/ 156-14-51         Indiana: Bioomingto         WW NUTV-DT         NW 300kw/290           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/ 159-24-55         Gary         17 WVIN-DT         NW 300kw/290           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Lihue         52 NEW-LP 54         RE AF 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL         QG from ch. 33 Sioux City           Vaimanalo         56 KMGT         PR<19kw/340m2 159-24-55         Sioux City         51 K3BDU         QC from ch. 38, 92-14-48; CL 100-02-03           Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-77/ 360w         Masas: 111-19-231         Dodge City         41 K41II         NS 50kw, 37-45-58/ 100-02-03           Garageville         46 K46HX         QG from K59BA (G from K59BV 24 K51JF         Dodge City         41 K41II         NS 50kw 37-45-58/ 100-02-03           Hadaa	Augusta	6 WJBF	•			-
Savannah         43 W43CK         GG from W57CT, 36.5kw         Center, Chicago); PG; PR>50kw           Hawaii: Honolulu         46 KHLU-LP         QC from ch. 60, 11.93kw         Indiana; Bioomingto 11.93kw         Bioomingto ary Bioomingto 48 WTTV-DT         GA from ch. 53 (FR)           Kahului         38 K38lE         NS 50kw, 20-46-43/ 21-49-43/         Indianapolis (FR)         48 WTTV-DT         NW 300kw290 (FR)           Kailua         50 KKAI         NW 83.2kw/632, 21-59-59/         Indianapolis (FR)         47 WBXI-CA (FR)         NW 300kw290 (FR)           Lihue         52 K52JG         NS 15kw, 21-59-59/         Iowain 159-24-55         Iowain Davenport         44 K44HL         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR AF 15kw, 21-59-59/         Iowain 159-24-55         Davenport         44 K44HL         QG from K1-19-23/           Waimanalo         56 KMGT         PR AF 5kw, 21-59-59/         Iowain 11-9-23/         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         QG from K571A, 330, 42-30-07/         The 23/ 43-45-44/         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Ge from K59BA         NS 41kw, 43-45-44/         Topeka         32 NEW-LP         AF dismissed           Idaho 21 K51HS         46 K46HX         QG from K59B						
Hawaii: Honolulu         W57CT, 36.5kw         Chicago); PG; PR>50kw           Hawaii: Honolulu         46 KHLU-LP         QC from ch. 60, 11.93kw         Indiana: Bloomingto         48 WTTV-DT         GA from ch. 53 PR>50kw           Kahului         38 K38IE         NS 50kw, 20-46-43/ 156-14-51         Indianapolis         47 WBXI-CA         PR=117.4kw, 98-52.26/ 86-12-20           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/ 157-45-24         Jeffersonville         9 WVHF-LP         QR from ch. 5, 86-12-20           Lihue         52 KS2JG         NS 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QR from ch. 5, 36kw           Lihue         52, NEW-LP 54         RE AF 15kw, 21-59-59/ 159-24-55         Jowenport         44 K44HL         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR=13Kw/340m2 157-40-53         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50-46/ 100-02-03           Grangeville Idaho Falls         46 K46HX         QG from K59BA 111-27-29         Topeka         32 NEW-LP 9 G-14.1kw, 37-45-58/ 100-02-03         Workita         51 KSMI-LP 9 G-24.1kw, 37-45-58/ 100-02-03           Lewiston         31 K31HS         <	Savannah	13 W/13CK				•
Hawaii: Honolulu         46 KHLU-LP         QC from ch. 60, 11.93kw         Indiana: Bioomingto 20-46.43/ 15.614-51         Indianacion Biomingto Gary         48 WTTV-DT         GA from ch. 53 WWID-DT           Kailua         38 K38IE         NS 50kw, 20-46.43/ 156.14-51         n         70 WIN-DT         NW 300kw/290           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/         from ch. 53 AVW         70 WIN-DT         NW 300kw/290           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         jeffersonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52, NEW-LP 54         RE AF 15kw, 159-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR<-10kW/340m2 1-19-23/ 157-40-53         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           daho:         Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idahor Falls         14 K14K         QG from K59BA         Topeka         32 NEW-LP         AF dismissed 85-09-50           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 12-229         Jamestown         2 W02CO         NS 350w, 37-09-29/ 85-09-50           Preston         21, K22DV, 23 K36AD	Savarinan	43 W43CK				-
Kahului         38 K38lE         11.93kw         Bloomingto         48 WTT-DT         GA from ch. 53           Kahului         38 K38lE         NS 50kw, 20-46-43/ 156-14-51         n         17 WYIN-DT         NW 300kw/290           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/ 157-45-24         17 WYIN-DT         NW 300kw/290           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52, NEW-LP 54         RE AF 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR-relsw/340m2 1-19-23/ 157-40-53         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL from Ottumwa QC from ch. 38, 50.1kw           Idaho:         Georgetown         15 K15GO         QG from K571A, 330w, 42-30-07/ 111-20-31         Sioux City         51 KSBLU         PG 614.1kw, 37-45-58/ 100-02-03           Idaho Falls         54 K454JF         NS 41kw, 43-45-44/ 111-57-30         Topeka         32 NEW-LP         AF dismissed from Ctimwa 37-41-53/ 97-119-10; PC           Lewiston         51 K51HY         QG from K55BA 200 K70K         Topeka         32 NEW-LP         AF dismissed Monroe           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 23 K36AD <td< td=""><td><u>Hawaii:</u></td><td></td><td></td><td></td><td></td><td>•</td></td<>	<u>Hawaii:</u>					•
Kahului         38 K38IE         NS 50kw, 20-46-43/ 156-14-51 <i>n</i> Gary         17 WYIN-DT         NW 300kw/290 17 WSIN-CA           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/ 157-45-24         Jeffersonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QG from K61HD, 20kw           Lihue         52, NEW-LP 54         RE AF 15kw, 21-59-59/ 159-24-55         Soux City         51 K3BDU         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR-19kw/340m2 157-40-53         Sioux City         51 K3BDU         QC from ch. 38, 50.1kw           Idaho: Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K3BDU         QC from ch. 38, 50.1kw           Idaho: Georgetown         14 K14MC         QG from K59BA NS 41kw, 43-45-44/ 111-57-30         Topeka         32 NEW-LP S1 KSM-LP         PG<14.1kw, 37-45-58/ 100-02-03           Lava H.S.         14 K14MC         QG from K59BV QG from K59BV <b>Kentucky:</b> Jamestown         22 WD2C-DT         NW 906kw/492 Bolisaa: 37 -09-29/ 85-09-50           Lava H.S.         14 K14MC         QG from K59BV QG from K55HZ, 380W <b>Paducah</b> Monroe         22 WD2D-DT         NW 906kw/492 Louisiaaa: Non W 906kw/492           Pre		46 KHLU-LP	-			
Kailua         50 KKAI         NW 30kw/290 Indianapolis         47 WVRJ-DT         NW 30kw/290 Arr WBXI-CA           Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/ 157-45-24         j=farsonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52 K52JG         NS 15kw, 21-59-59/         j=farsonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52 K52JG         NS 15kw, 21-59-59/         j=gersonville         9 WVHF-LP         QG from K61HD, 20kw           Lihue         52, NEW-LP         RE AF 15kw, 21-59-58/         j=gersonville         21 K21EM         XG 41-13-35/ 92-44-48; CL from Ottumwa           Lihue         52, NEW-LP         RE AF 15kw, 21-59-58/         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Waimanalo         56 KMGT         PR<19kw/340m2 157-40-53         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/         Sioux City         51 KS8DU         PG<-14.1kw, 37-45-58/           Idaho Falls         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed 100-02-03           Idaho Falls         54 K51FN         QG from K59BV         Artus, 42-04-50/         32 WPSD-DT         NW 906kw/492				-	48 WTTV-DT	GA from ch. 53
Kailua         50 KKAI         NW 83.2kw/632, 2119-49/ 157-45-24         Indianapolis         47 WBXI-CA Waishing         PR<117.4kw, 39-53-25/ 86-12-20           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Jeffersonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52 KEVLP 54         159-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR<19kw/340m2 159-24-55         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         159-24-55         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         54 K54JF         NS 41kw, 43-45-44/ 111-57-30         Topeka         32 NEV-LP         AF dismissed           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 23 K36AD         Paducah 20 Korne         32 WFSD-DT         NW 906kw/492           Lewiston         51 K51HY         QG from ch. 32, 23 K36AD         36         YP = 5150kw         AF dismissed Monroe         33 NEW-LP         AF	Kahului	38 K38IE				NW/ 300kw/290
Kailua         50 KKAI         NW 83.2kw/632, 21-19-49/ 157-45-24         39-53-25/ 86-12-20           Lihue         52 K52JG         NS 15kw, 21-59-59/         Jeffersonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52 K52JG         NS 15kw, 21-59-59/         Davenport         44 K44HL         QG from K61HD, 20kw           Lihue         52, NEW-LP 54         RE AF 15kw, 21-59-59/         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL from Otturnwa           Waimanalo         56 KMGT         PR<19kw/340m2 157-40-53         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         0G from K571A, 330w, 42-30-07/ 111-20-31         Sioux City         51 KS8DU         QC from ch. 38, 50.1kw           Grangeville         46 K46HX         QG from K59BA 111-20-31         Topeka         32 NEW-LP 51 KSMI-LP         AF dismissed 97-19-10; PC           Lava H.S.         14 K14MC         QG from K59BV 44 C40-450/         Yet C41.1kw, 360w         32 WSD-DT         W 906kw/492           Hawiston         31 K31HS         NW 1.2kw, 42-04-50/         Yet C41.1kw, 360w         32 WSD-DT         NW 906kw/492           Lava H.S.         14 K14HC         QG from chs 59L         Yet C41.1kw, 37-09-29/         Yet C41.1kw, 37-09-29/         Yet C41.1kw, 37-09-29/         Yet C40-50/						
21-19-49/ 157-45-24         Jeffersonville         9 WVHF-LP         QR from ch. 5, 3kw           Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Lihue         52, NEW-LP         RE AF 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Waimanalo         56 KMGT         PR-19kw/340m2 1-19-23/         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL           Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         54 K54JF         NS 41kw, 43-45-44/ 111-57-30         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         51 K51HY         QG from K59BX         Jamestown         2 W02CO         NS 350w, 37-09-29/ 85-09-50           Lewiston         51 K51HY         QG from K59BV         Jamestown         2 WPSD-DT NW 906kw/492           Lewiston         51 K51HY         QC from chs. 22, 860/ 30 Kau         S0 K30D         QG from Worce         33 NEW-LP         AF dismissed Monroe         2	Kailua	50 KKAI				
Lihue         52 K52JG         NS 15kw, 21-59-59/ 159-24-55         Jowa: Davenport         3kw           Lihue         52, NEW-LP         RE AF 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL         QG from K61HD, 20kw           Waimanato         56 KMGT         PR-15kw, 21-59-55         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL           Waimanato         56 KMGT         PR-19kw/340m2 1-19-23/ 157-40-53         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho:         Georgetown         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed 100-02-03           Grangeville         46 K46HX         QG from K59BA         Topeka         32 LWL-P         AF dismissed 100-02-03           Idaho Falls         54 K54JF         NS 41kw, 43-45-44/ 111-57-30         Topeka         32 LWL-P         AF dismissed 100-02-03           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 112-12-29         Jamestown         2 W02CO         NS 350w, 37-09-29/ 85-09-50           Preston         21, K22DV, 22 K36AD         QC from chs. 22, 23 K36AD         22 KMNO-LP         PG>1506kw Monroe         3	itunuu	••••	•			
Interview         Product				Jeffersonville	9 WVHF-LP	
Lihue         52, NEW-LP 54         RE AF 15kw, 21-59-59/ 159-24-55         Davenport         44 K44HL K44HL         QG from K61HD, 20kw K61HD, 20kw           Waimanalo         56 KMGT         PR<19kw/340m2 1-19-23/ 157-40-53         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho: Georgetown         Topesa         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Idaho: Georgetown         Ge KMGT         PR<19kw/340m2 1-19-23/ 111-20-31         Topesa         32 NEW-LP 111-20-31         AF dismissed 7-45-58/ 100-02-03           Grangeville Idaho Falls         46 K46HX 54 K54JF         QG from K57IA, 330w, 42-30-07/ 111-20-31         Topeka         32 NEW-LP 41 K41II         AF dismissed 7-45-58/ 100-02-03           Grangeville Idaho Falls         46 K46HX 54 K54JF         QG from K59BA NS 41kw, 43-45-44/ 111-57-30         Topeka 32 NEW-LP         32 NEW-LP AF dismissed ROA         AF dismissed 85-09-50           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 112-12-29         Paducah 33 NEW-LP         32 WPSD-DT         NW 906kw/492           Preston         21, K22DV, 23 K36AD         QC from chs. 22, 112-04-42         New Orleans         30 K30ID         QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.           Priest Lake         42 K42GT         QG from K57CW         Tullos         44 K44HN         FC, sold to KEJB	Lihue	52 K52JG		lowa:		3KW
Lihue         52, NEW-LP 54         RE AF 15kw, 21-59-59/ 159-24-55         Knoxville         21 K21EM         K61HD, 20kw XG 41-13-35/ 92-44-48; CL from Ottumwa QC from ch. 38, 50.1kw           Waimanalo         56 KMGT         PR-19kw/340m2 1-19-23/ 157-40-53         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL from Ottumwa QC from ch. 38, 50.1kw           Idaho: Georgetown         05 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         NS 50kw, 37-45-58/ 100-02-03           Grangeville Idaho Falls         46 K46HX 54 K54JF         QG from K59BA NS 41kw, 43-45-44/ 111-57-30         Topeka 43 K454JF         32 NEW-LP Michia         AF dismissed 51 KSMI-LP         NS 50kw, 37-41-53/ 97-19-10; PC           Lava H.S. Lewiston         14 K14MC 51 K51HY         QG from K59BV QG from K59BV 42-04-50/ 112-12-29         Kentucky: Jamestown         2 W02CO         NS 350w, 37-09-29/ 85-09-50           Malad         31 K31HS         NW 1.2kw, ROA         Paducah ROA         22 KMNO-LP Monroe         PG>150kw 33 NEW-LP           Preston         21, K22DV, 23 K36AD         36         36         30 K30ID         QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.           Priest Lake         42 K42GT         QG from K57CW         Tullos         44 K44HN         FC; sold to KEJB					44 каані	OG from
54         21-59-59/ 159-24-55         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL from Ottumwa QC from ch. 38, 50.1kw           Idaho: Georgetown         74         PR<19kw/340m2 149-23/ 157-40-53         Knoxville         21 K21EM         XG 41-13-35/ 92-44-48; CL from Ottumwa QC from ch. 38, 50.1kw           Idaho: Georgetown         74         F45-53         Kansas: Dodge City         51 K38DU         QC from ch. 38, 50.1kw           Idaho: Grangeville         46 K46HX         QG from K57IA, 330w, 42-30-07/ 111-20-31         Topeka         32 NEW-LP         AF dismissed 97-19-10; PC           Lava H.S. Lewiston         14 K14MC         QG from K59BV QG from K55HZ, 360w         Kentucky: Jamestown         2 W02CO         NS 350w, 37-09-29/ 85-09-50           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 112-12-29         Paducah Monroe         22 KMNO-LP 33 NEW-LP         PG<150kw AF dismissed Monroe           Preston         21, K22DV, 23 K36AD         26 from ROA         70         23 K36AD         36           Preston         42 K42GT         QG from ROA         112-04-42         Tullos         44 K44HN         FC; sold to KEJB	Lihue	52 NEW-LP		Baronport		
Waimanalo         56 KMGT         PR<19kw/340m2 1-19-23/ 157-40-53         Sioux City         51 K38DU 51 K38DU Dodge City         Cfm Ottumwa QC from ch. 38, 50.1kw           Idaho:         Kansas:         Dodge City         41 K41II         NS 50kw, 37-45-58/           Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Topeka         32 NEW-LP         AF dismissed           Grangeville         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         54 K54JF         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         14 K14MC         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         14 K14MC         QG from K59BV         Kentucky:         PG<(4.1 kw, 37-41-53/         PG<(4.1 kw, 37-41-53/           Lewiston         14 K14MC         QG from K59BV         Kentucky:         Jamestown         2 W02CO         NS 350w, 37-09-29/           Malad         31 K31HS         NW 1.2kw, 42-04-50/         Paducah         32 WFSD-J         WW 906kw/492           Preston         21, K22DV, 23 K36AD         QC from chs. 22, AG         New Orleans         30 K30ID         QG from W52DE, 43.9kw, 29-56-26; CL           Priest L	Lindo			Knoxville	21 K21EM	
Idaho: Georgetown         15 K15GO         GG from K57IA, 330w, 42-30-07/ 111-20-31         Sioux City         51 K38DU         QC from ch. 38, 50.1kw           Grangeville Idaho Falls         46 K46HX         QG from K57IA, 330w, 42-30-07/ 111-20-31         Dodge City         41 K41II         NS 50kw, 37-45-58/ 100-02-03           Grangeville Idaho Falls         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           111-57-30         Yithor         43-45-44/ 43-45-44/ 111-57-30         Topeka         32 WEV-LP         AF dismissed           Lava H.S.         14 K14MC         QG from K59BV         Kentucky: Jamestown         Yue Yoe Yoe Yoe Yoe Yoe Yoe Yoe Yoe Yoe Yo						
Idaho: Georgetown         50.1kw           Idaho: Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Dodge City         41 K41II         NS 50kw, 37-45-58/ 100-02-03           Grangeville Idaho Falls         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Jamestown         54 K54JF         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Lava H.S.         14 K14MC         QG from K59BV         Kentucky:         37-41-53/ 97-19-10; PC           Lava H.S.         14 K14MC         QG from K59BV         Kentucky:         37-09-29/ 85-09-50           Lewiston         51 K51HY         QG from K55HZ, 360w         Jamestown         2 W02CO         NS 350w, 37-09-29/ 85-09-50           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 112-12-29         Paducah Nonroe         32 WPSD-DT         NW 906kw/492           Preston         21, K22DV, 23 K36AD         QC from chs. 22, 36         New Orleans         30 K30ID         QG from M52BW, 41-53-00/ 112-04-42         New Orleans         30 K30ID         QG from Meridian, Miss.           Preston         42 K42GT         QG from K57CW         Tullos         44 K44HN         FC; sold to KEJB	Waimanalo	56 KMGT		Ciercy City		
Idaho: Georgetown15 K15GOQG from K57IA, 330w, 42-30-07/ 111-20-31Mass: Dodge CityNS 50kw, 37-45-58/ 100-02-03Grangeville Idaho Falls46 K46HX 54 K54JFQG from K59BA NS 41kw, 43-45-44/ 111-57-30Topeka Wichita32 NEW-LPAF dismissedLava H.S. Lewiston14 K14MC 51 K51HY QG from K59BV 360wQG from K59BV Agrow K55HZ, 360wKentucky: Jamestown2 W02CONS 350w, 37-09-29/ 85-09-50Malad31 K31HS 12-12-29NW 1.2kw, 42-04-50/ 112-12-29Paducah Monroe22 KMNO-LP 30 K30IDPG 5150kw AF dismissed QG from M59BZ 36 WPreston Preston21, K22DV, 23 K36AD 36QC from chs. 22, 112-04-42Monroe New Orleans22 KMNO-LP 30 K30IDPG 5150kw Morroe MonroePriest Lake Rexburg42 K42GT 43 K43JDQG from K57CWTullos44 K44HN FC; sold to KEJB				Sloux City	21 K38DU	
Georgetown         15 K15GO         QG from K57IA, 330w, 42-30-07/ 111-20-31         Dodge City         41 K41II         NS 50kw, 37-45-58/ 100-02-03           Grangeville         46 K46HX         QG from K59BA         Topeka         32 NEW-LP         AF dismissed           Idaho Falls         54 K54JF         NS 41kw, 43-45-44/ 111-57-30         Topeka         32 NEW-LP         AF dismissed           Lava H.S.         14 K14MC         QG from K59BV         Kentucky: Jamestown         St K51LP         PG<14.1kw, 37-41-53/ 97-19-10; PC           Lava H.S.         14 K14MC         QG from K59BV         Kentucky: Jamestown         St W02CO         NS 350w, 37-09-29/ 85-09-50           Malad         31 K31HS         NW 1.2kw, 42-04-50/ 112-12-29         Paducah         32 WPSD-DT NW 906kw/492           Preston         21, K22DV, 23 K36AD         QC from chs. 22, 36         Monroe         22 KMNO-LP         PG>150kw           Preston         21, K22DV, 23 K36AD         36         NW 1.8kw, 41-53-00/ 112-04-42         NW 1.8kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.         Sol K30ID         QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.           Priest Lake         42 K42GT         QG from K57CW         Tullos         44 K44HN         FC; sold to KEJB	<u>Idaho<i>:</i></u>					50 1kw
Grangeville Idaho Falls46 K46HX 54 K54JF111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30Topeka Wichita32 NEW-LP 51 KSMI-LPAF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PCLava H.S. Lewiston14 K14MC 51 K51HYQG from K59BV QG from K59BV, 42-04-50/ 112-12-29Kentucky: Jamestown2 W02CO 82 WPSD-DT NW 906kw/492Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-29Paducah Louisiana: Monroe22 WNOCLP 85-09-50NS 350w, 85-09-50Pocatello41 NEW-LP AF dismissed ROAAF dismissed ROAMonroe Norroe22 KMNO-LP 30 K30IDPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Preston21, K22DV, 23 K36AD 24 K42GNQC from chs. 22, 112-04-42NW 1.8kw, 41-53-00/ 112-04-42Sec. CL Tullos24 K44HN K50CWPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GT 43 K43JDQG from K57CWTullos44 K44HN K44HNFC; sold to KEJB	Goorgotown			Kansas:		50.1kw
Grangeville Idaho Falls46 K46HX 54 K54JFQG from K59BA NS 41kw, 43-45-44/ 111-57-30Topeka Wichita32 NEW-LP 51 KSMI-LPAF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PCLava H.S. Lewiston14 K14MC 51 K51HY 2G from K59BV MaladQG from K59BV QG from K55HZ, 360wKentucky: Jamestown2 W02CO 85-09-50NS 350w, 37-09-29/ 85-09-50Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-29Paducah Louisiana: Monroe22 KMNO-LP 33 NEW-LPPG>150kw AF dismissed MonroePreston21, K22DV, 23 K36AD 24 K42GNQC from chs. 22, 112-04-42Paducah Louisiana: Monroe22 KMNO-LP 30 K30IDPG>150kw AF dismissed W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GT 43 K43JDQG from K57CWTullos44 K44HN KEJBFC; sold to KEJB	Georgelown	15 K15GO			41 K41II	
Idaho Falls54 K54JFNS 41kw, 43-45-44/ 111-57-30WichitaS1 KSMI-LPPG<14.1kw, 37-41-53/ 97-19-10; PCLava H.S. Lewiston14 K14MC 51 K51HYQG from K59BV QG from K55HZ, 360wKentucky: Jamestown2 W02CO 85-09-50NS 350w, 37-09-29/ 85-09-50Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-29Paducah Louisiana: Monroe32 WPSD-DT NW 906kw/492Pocatello41 NEW-LP 23 K36AD 23 K36ADAF dismissed ROAMonroe New Orleans30 K30ID 30 K30IDPG<150kw AF dismissed W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Preston21, K22DV, 112-04-42QC from 42 K42GNNW 1.8kw, 41-53-00/ 112-04-42NW 1.8kw, 41-53-00/ 112-04-42S6Priest Lake42 K42GTQG from K57CWTullos44 K44HN K2, sold to KEJB	Georgetown	15 K15GO	330w, 42-30-07/		41 K41II	NS 50kw, 37-45-58/
43-45-44/ 111-57-30       37-41-53/ 97-19-10; PC         Lava H.S. Lewiston       14 K14MC 51 K51HY       QG from K59BV QG from K55HZ, 360w       Kentucky: Jamestown       2 W02CO       NS 350w, 37-09-29/ 85-09-50         Malad       31 K31HS       NW 1.2kw, 42-04-50/ 112-12-29       Paducah Louisiana:       32 WPSD-DT       NW 906kw/492         Pocatello       41 NEW-LP       AF dismissed ROA       Monroe       32 NEW-LP       PG>150kw         Preston       21, K22DV, 23 K36AD       QC from chs. 22, 36       New Orleans       30 K30ID       QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.         Priest Lake       42 K42GT       QG from K57CW       Tullos       44 K44HN       FC; sold to KEJB	-		330w, 42-30-07/ 111-20-31	Dodge City		NS 50kw, 37-45-58/ 100-02-03
Lava H.S. Lewiston14 K14MC 51 K51HYQG from K59BV QG from K55HZ, 360wKentucky: Jamestown2 W02CONS 350w, 37-09-29/ 85-09-50Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-29Paducah Louisiana: Monroe22 WPSD-DT NW 906kw/492Pocatello41 NEW-LPAF dismissed ROAMonroe22 KMNO-LP 33 NEW-LPPG>150kwPreston21, K22DV, 23 K36ADQC from chs. 22, 112-04-42New Orleans30 K30IDQG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville	46 K46HX	330w, 42-30-07/ 111-20-31 QG from K59BA	Dodge City Topeka	32 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed
Lewiston51 K51HYQG from K55HZ, 360wJamestown2 W02CONS 350w, 37-09-29/ 85-09-50Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-29Paducah Louisiana: Monroe22 WPSD-DT NW 906kw/492Pocatello41 NEW-LPAF dismissed ROAMonroe22 KMNO-LPPG>150kwPreston21, K22DV, 23 K36ADQC from chs. 22, 112-04-42New Orleans30 K30IDQG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville	46 K46HX	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw,	Dodge City Topeka	32 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw,
360w360w37-09-29/ 85-09-50Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-2932 WPSD-DT NW 906kw/492Pocatello41 NEW-LPAF dismissed ROAMonroe22 KMNO-LPPG>150kwPreston21,K22DV, 23 K36ADQC from chs. 22, 36New Orleans30 K30IDQG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville Idaho Falls	46 K46HX 54 K54JF	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30	Dodge City Topeka	32 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/
Malad31 K31HSNW 1.2kw, 42-04-50/ 112-12-29Paducah Louisiana:85-09-50Pocatello41 NEW-LPAF dismissed ROAPaducah Louisiana:22 WPSD-DT NW 906kw/492Preston21, K22DV, 23 K36ADQC from chs. 22, 36Monroe New Orleans22 KMNO-LP 30 K30IDPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville Idaho Falls Lava H.S.	46 K46HX 54 K54JF 14 K14MC	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV	Dodge City Topeka Wichita <u>Kentucky:</u>	32 NEW-LP 51 KSMI-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC
42-04-50/ 112-12-29Paducah Louisiana:32 WPSD-DT NW 906kw/492Pocatello41 NEW-LPAF dismissed ROAMonroe Norroe22 KMNO-LP 33 NEW-LPPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Preston21,K22DV, 23 K36AD 36QC from chs. 22, 36NW 1.8kw, 41-53-00/ 112-04-42Paducah Louisiana: Monroe22 KMNO-LP 33 NEW-LP 30 K30IDPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville Idaho Falls Lava H.S.	46 K46HX 54 K54JF 14 K14MC	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ,	Dodge City Topeka Wichita <u>Kentucky:</u>	32 NEW-LP 51 KSMI-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w,
Pocatello41 NEW-LPAF dismissed ROALouisiana: Monroe22 KMNO-LP 33 NEW-LP 30 K30IDPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Preston42 K42GTQG from K57CWW1.8kw, 41-53-00/ 112-04-42Priest Lake42 K42GTQG from Monroe96>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville Idaho Falls Lava H.S. Lewiston	46 K46HX 54 K54JF 14 K14MC 51 K51HY	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w	Dodge City Topeka Wichita <u>Kentucky:</u>	32 NEW-LP 51 KSMI-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/
Pocatello41 NEW-LPAF dismissed ROAMonroe22 KMNO-LP 33 NEW-LPPG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Preston42 K42GTQG from K57CWW1.8kw, 41-53-00/ 112-04-42Priest Lake42 K42GTQG from K57CWW1.8kw, 44 K44HNPriest LakeFC; sold to KEJB	Grangeville Idaho Falls Lava H.S. Lewiston	46 K46HX 54 K54JF 14 K14MC 51 K51HY	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw,	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown	32 NEW-LP 51 KSMI-LP 2 W02CO	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50
Preston21,K22DV, 23 K36ADQC from chs. 22, 36New Orleans30 K30IDQG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss.Priest Lake42 K42GTQG from K57CWQG from K57CWTullos44 K44HNFC; sold to KEJB	Grangeville Idaho Falls Lava H.S. Lewiston	46 K46HX 54 K54JF 14 K14MC 51 K51HY	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown <b>Paducah</b>	32 NEW-LP 51 KSMI-LP 2 W02CO	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50
23 K36AD       36       Wow oneand for nearby of nearby with the second method.       W52DE, 43.9kw, 29-58-41/         Preston       42 K42GN       NW 1.8kw, 41-53-00/       89-56-26; CL         Priest Lake       42 K42GT       QG from K57CW       Tullos       44 K44HN         Rexburg       43 K43JD       NS 79w, 45 40/       Tullos       44 K44HN       FC; sold to KEJB	Grangeville Idaho Falls Lava H.S. Lewiston Malad	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana:	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b>	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i>
Preston         42 K42GN         NW 1.8kw, 41-53-00/ 112-04-42         29-58-41/ 89-56-26; CL from Meridian, Miss.           Priest Lake         42 K42GT         QG from K57CW         Tullos         44 K44HN         FC; sold to KEJB	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b> 22 KMNO-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed
41-53-00/       89-56-26; CL         112-04-42       from Meridian,         Priest Lake       42 K42GT       QG from         K57CW       Tullos       44 K44HN         FC; sold to       KEJB	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21,K22DV,	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22,	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe Monroe	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b> 22 KMNO-LP 33 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from
112-04-42from Meridian, Miss.Priest Lake42 K42GTQG from K57CWTullos44 K44HNFC; sold to KEJBRexburg43 K43JDNS 79w, Miss.NS 79w, Miss.KEJB	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello Preston	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21,K22DV, 23 K36AD	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22, 36	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe Monroe	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b> 22 KMNO-LP 33 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from W52DE, 43.9kw,
Priest Lake42 K42GTQG from K57CWMiss.Rexburg43 K43JDNS 79w,Tullos44 K44HNFC; sold to KEJB	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello Preston	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21,K22DV, 23 K36AD	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22, 36 NW 1.8kw,	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe Monroe	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b> 22 KMNO-LP 33 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/
K57CW Tullos 44 K44HN FC; sold to Rexburg 43 K43JD NS 79w, KEJB	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello Preston	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21,K22DV, 23 K36AD	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22, 36 NW 1.8kw, 41-53-00/	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe Monroe	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b> 22 KMNO-LP 33 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL
	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello Preston Preston	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21, K22DV, 23 K36AD 42 K42GN	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22, 36 NW 1.8kw, 41-53-00/ 112-04-42 QG from	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe Monroe	32 NEW-LP 51 KSMI-LP 2 W02CO <b>32 WPSD-DT</b> 22 KMNO-LP 33 NEW-LP	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian,
<u>Haine:</u>	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello Preston Preston Priest Lake	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21,K22DV, 23 K36AD 42 K42GN 42 K42GT	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22, 36 NW 1.8kw, 41-53-00/ 112-04-42 QG from K57CW	Dodge City Topeka Wichita <u>Kentucky:</u> Jamestown Paducah Louisiana: Monroe Monroe New Orleans	32 NEW-LP 51 KSMI-LP 2 W02CO 32 WPSD-DT 22 KMNO-LP 33 NEW-LP 30 K30ID	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss. FC; sold to
	Grangeville Idaho Falls Lava H.S. Lewiston Malad Pocatello Preston Preston Priest Lake	46 K46HX 54 K54JF 14 K14MC 51 K51HY 31 K31HS 41 NEW-LP 21,K22DV, 23 K36AD 42 K42GN 42 K42GT	330w, 42-30-07/ 111-20-31 QG from K59BA NS 41kw, 43-45-44/ 111-57-30 QG from K59BV QG from K59BV QG from K55HZ, 360w NW 1.2kw, 42-04-50/ 112-12-29 AF dismissed ROA QC from chs. 22, 36 NW 1.8kw, 41-53-00/ 112-04-42 QG from K57CW NS 79w,	Dodge City Topeka Wichita Kentucky: Jamestown Paducah Louisiana: Monroe Monroe New Orleans	32 NEW-LP 51 KSMI-LP 2 W02CO 32 WPSD-DT 22 KMNO-LP 33 NEW-LP 30 K30ID	NS 50kw, 37-45-58/ 100-02-03 AF dismissed PG<14.1kw, 37-41-53/ 97-19-10; PC NS 350w, 37-09-29/ 85-09-50 <i>NW 906kw/492</i> PG>150kw AF dismissed QG from W52DE, 43.9kw, 29-58-41/ 89-56-26; CL from Meridian, Miss. FC; sold to

Bangor	47 W47CU	NS 1kw,	Natachez(sic)	53 NEW-LP	AF dismissed
		44-33-52/	Natchez	44 W44CE	FC; sold to
		69-36-37			KEJB
Bangor	22 WFVX-LP		Starkville	32 W32DB	NS 500w,
Biddeford		PC<133kw/231			33-27-06/
Portland	15 WLLB-LP				88-50-46
Maryland:		r O; Daystar	Vicksburg	35 WUFX	NW 5000kw/253
Lake Shore			Vicksburg	33 WOLX	32-19-35/
Lake Shore	69 W69EH	PG>150kw,			
		38-37-28/			90-37-03 (Fox)
		75-53-20;	<u>Missouri:</u>		
		XR 38-58-02/	Anderson	53 K09VM	QR from ch. 9,
		76-15-30; CL			50kw
		from Salisbury	Chillicothe	46 K46HP	NS 1kw, 39-49-
Salisbury	24 W24CW	PG>150kw,			09 /93-32-53
		38-40-00/	Columbia	32 K32GR	QG from K11SN,
		75-35-00			143.2kw,
Salisbury	51 W51DR	PG>150kw,			38-47-28/
		38-17-05/			92-17-43
		75-39-55	Jefferson City	38 K38II	QG from K11TB,
Massachuse	etts:				143.2kw,
Boston	24 WFXZ-CA	PR>90kw			38-47-28/
New		PR>284m, DA			92-17-43
Bedford			Kansas City	45 K26CR	QR from ch. 26,
Vineyard	58 WDPX	PC>1665kw/	Ransas Oity	401120011	150kw
-	JO WDFA	153m	Kirksville	4 K04PX	NS 100w,
Haven		15311	KIIKSVIIIE	4 KU4PA	
<u>Michigan:</u>					40-15-42/
Cadillac	47 WFQX-DT	-	0.1		92-34-49
		44-44-53/	St. Louis	40 KUMO-LP	CC from K40FF
		85-04-08	<u>Montana:</u>		
Cheboygan	35 WTOM-DT	NW 78kw/168m	Big Sky	46 K46IA	NS 50kw,
Detroit	14 WKBD-D1	<sup>-</sup> PR>200kw			45-22-21/
Flint	66 WSMH	PR>1750kw/362			111-43-38
		43-13-31/	Billings	16 NEW-DT	PA by KUSM-9
		84-04-33	Butte	5 KXLF-DT	PR>10.7kw/576
Gladstone	51 W51DP	NS 1kw, 45-51-	Glasgow	30 NEW-LP	AF dismissed
Chadotonio	01110121	49 /87-02-17	Great Falls	21 NEW-DT	PA by KUSM-9
Lansing		NW 900kw/300	Polson	14 K14LT	QC from K05EE,
St. Ignace	34 NEW-LP	AF dismissed			250w, 47-40-39
-		Al disillissed			/114-08-30; CL
<u>Minnesota:</u>	4 4 16 4 41 7				from Big Arm
Alexandria	14 K14LZ	QG from K36AA,	Polson,	16, K16GJ,	QG from K07HG
<b>.</b>		1.56kw	Rollins	41 K41IW	& K60AL, 250w,
Brainerd	30 K57BJ	QR from ch. 57	RUIIIIS	41 A 1100	
Little Falls	18 K18GF	PR<15.21kw,			47-40-39 /114-
		45-59-03/			08-30
		94-19-57	Wolf Point	29 K29FS	NW 840w,
		dismissed;			48-02-06/
		PG<1.5kw,			105-31-12
		45-56-58/	<u>Nevada:</u>		
		94-17-45	Las Vegas	41 K41IO	QG from K57FA
Minneapolis	25 K25IA	QG from K58BS,	Las Vegas	43 K43FO	XC 36-00-36/
		100kw			115-00-20
Minneapolis					
	31 W62BD	QR from ch. 62,	Pahrump	30 K30HX	NS 50kw,
	31 W62BD	QR from ch. 62, 150kw	Pahrump	30 K30HX	NS 50kw, 36-11-24/
Rochester		150kw	Pahrump	30 K30HX	
Rochester Wabasha	43 NEW-LP	150kw AF dismissed			36-11-24/ 116-06-59
Rochester Wabasha		150kw AF dismissed QR from ch. 57,	Reno	27 KREN-TV	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b>
	43 NEW-LP	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22-			36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15,
Wabasha	43 NEW-LP	150kw AF dismissed QR from ch. 57,	<b>Reno</b> Verdi	<b>27 KREN-TV</b> 30 K15CT	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w
Wabasha <u>Mississippi:</u>	43 NEW-LP 40 K57CN	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47	<b>Reno</b> Verdi Verdi &	27 KREN-TV	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT,
Wabasha	43 NEW-LP	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w,	<b>Reno</b> Verdi Verdi & Mogel	<b>27 KREN-TV</b> 30 K15CT	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w
Wabasha <u>Mississippi:</u>	43 NEW-LP 40 K57CN	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/	<b>Reno</b> Verdi Verdi & Mogel <b>New Jersey</b> :	<b>27 KREN-TV</b> 30 K15CT 30 K30HY	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w
Wabasha <u>Mississippi:</u> Bradley	43 NEW-LP 40 K57CN 55 W55DL	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48	<b>Reno</b> Verdi Verdi & Mogel	<b>27 KREN-TV</b> 30 K15CT	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68,
Wabasha <u>Mississippi:</u> Bradley Greenwood	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 <b>drops DA</b>	<b>Reno</b> Verdi Verdi & Mogel <b>New Jersey</b> :	<b>27 KREN-TV</b> 30 K15CT 30 K30HY	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30
Wabasha <u>Mississippi:</u> Bradley	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA <i>GA from ch. 51;</i>	Reno Verdi & Mogel <u>New Jersey:</u> Cherry Hill	<b>27 KREN-TV</b> 30 K15CT 30 K30HY	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68,
Wabasha <u>Mississippi:</u> Bradley Greenwood	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m	Reno Verdi & Mogel <u>New Jersey:</u> Cherry Hill	<b>27 KREN-TV</b> 30 K15CT 30 K30HY 41 WNAI-LP	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11
Wabasha <u>Mississippi:</u> Bradley Greenwood	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m dismissed;	Reno Verdi Verdi & Mogel <u>New Jersey:</u> Cherry Hill <u>New Mexico:</u> Arrey & Derry	<b>27 KREN-TV</b> 30 K15CT 30 K30HY 41 WNAI-LP 34 K34FU	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11 CC from K67BG
Wabasha <u>Mississippi:</u> Bradley Greenwood	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m dismissed; PR<7kw/393m	Reno Verdi Verdi & Mogel <u>New Jersey:</u> Cherry Hill <u>New Mexico:</u> Arrey & Derry Carlsbad	27 KREN-TV 30 K15CT 30 K30HY 41 WNAI-LP 34 K34FU 25 KTEL-TV	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11 CC from K67BG <b>PR&gt;113kw</b>
Wabasha <u>Mississippi:</u> Bradley Greenwood	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m dismissed;	Reno Verdi Verdi & Mogel <u>New Jersey:</u> Cherry Hill <u>New Mexico:</u> Arrey & Derry Carlsbad Carrizozo	27 KREN-TV 30 K15CT 30 K30HY 41 WNAI-LP 34 K34FU 25 KTEL-TV 48 K48GY	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11 CC from K67BG <b>PR&gt;113kw</b> CC from K57CF
Wabasha <u>Mississippi:</u> Bradley Greenwood	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m dismissed; PR<7kw/393m	Reno Verdi Verdi & Mogel <u>New Jersey:</u> Cherry Hill <u>New Mexico:</u> Arrey & Derry Carlsbad Carrizozo Clovis	<ul> <li>27 KREN-TV</li> <li>30 K15CT</li> <li>30 K30HY</li> <li>41 WNAI-LP</li> <li>34 K34FU</li> <li>25 KTEL-TV</li> <li>48 K48GY</li> <li>4 NEW-LP</li> </ul>	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11 CC from K67BG <b>PR&gt;113kw</b> CC from K57CF AF dismissed
Wabasha <u>Mississippi:</u> Bradley <b>Greenwood</b> <i>Jackson</i>	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV 9 WLBT-DT	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m dismissed; PR<7kw/393m instead	Reno Verdi Verdi & Mogel <u>New Jersey:</u> Cherry Hill <u>New Mexico:</u> Arrey & Derry Carlsbad Carrizozo	27 KREN-TV 30 K15CT 30 K30HY 41 WNAI-LP 34 K34FU 25 KTEL-TV 48 K48GY	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11 CC from K67BG <b>PR&gt;113kw</b> CC from K57CF
Wabasha <u>Mississippi:</u> Bradley <b>Greenwood</b> <i>Jackson</i>	43 NEW-LP 40 K57CN 55 W55DL 6 WABG-TV 9 WLBT-DT	150kw AF dismissed QR from ch. 57, 10.4kw, 44-22- 12 /92-04-47 NS 999w, 33-13-08/ 88-58-48 drops DA GA from ch. 51; PR<15kw/535m dismissed; PR<7kw/393m instead NS 3000kw,	Reno Verdi Verdi & Mogel <u>New Jersey:</u> Cherry Hill <u>New Mexico:</u> Arrey & Derry Carlsbad Carrizozo Clovis	<ul> <li>27 KREN-TV</li> <li>30 K15CT</li> <li>30 K30HY</li> <li>41 WNAI-LP</li> <li>34 K34FU</li> <li>25 KTEL-TV</li> <li>48 K48GY</li> <li>4 NEW-LP</li> </ul>	36-11-24/ 116-06-59 <b>PR&gt;2600kw/894</b> QC from ch. 15, 800w QC from K15CT, 800w QG from ch. 68, 140kw, 40-02-30 /75-14-11 CC from K67BG <b>PR&gt;113kw</b> CC from K57CF AF dismissed

Farmington Grants	43 K43AI 58 K58HX	PG<9.33kw XR 35-35-07/ 108-11-49; CL	Manteo	45 W45CL	<b>36-32-54/</b> <b>76-11-16</b> NS 10.8kw,
Hobbs	47 NEW-DT	fm Sheep Springs <i>Window opens</i> for NS	Raleigh	36 W36DC	35-51-52/ 75-39-01 QG from W64CN, 10kw
Hobbs	52 KHLC-LP	<b>4/23/2004-</b> <b>5/24/2004</b> XR 32-42-34/	Rocky Mount Rocky Mount	33 WHIG-LP 45 W45CN	PR>9.8kw QG from
HUDDS		103-09-07; XG	Statesville	21 W21CI	W66DK, 8.3kw QG from
Las Vegas	20 K20GQ	QC from K58AZ, 1.18kw, 35-36- 16 /105-15-35; CL fm			W66BT, 9kw, 35-48-15/ 80-53- 30
		Nolan/Wooton	Wanchese	23 W23CR	NS 1kw, 35-50- 48 /75-37-19
Montoya & Newkirk	& 17 K17FK	CC from K55CV	Wilmington	44 WECT-DT	NW 575kw/280,
Portales	14 K14KO	CC from K58FW			34-19-16/ 78-13-43
Quemado	15 K15FS	QG from K02GB, 160w,	North Dakota		
Red River	15 K15FV	34-19-47/ 108- 34-41; QC QG from K03CZ,	Bismarck <b>Devils Lake</b>	48 NEW-LP <b>25 NEW-DT</b>	AF dismissed Window opens for NS 4/23/2004-
Roswell	50 K50IA	40w; already on QG from K30HI, 5.4kw	Fargo	44 KVLY-DT	5/28/2004 QR from ch. 58,
Santa Rosa Sheep	38 K38HR 58 K58HX	CC from K62CU PG>150kw	Jamestown	18 KJRR-DT	414kw/543m PA from ch. 14
Springs			<u>Ohio:</u> Athens	27 WOUB-DT	NW 250kw/242
Truth o Consequenc	r 25 K25HV	CC from K54CC	Bowling Green	20 WBGU-DT	PA from ch. 56 withdrawn
es <b>New York</b> :			Columbus	8 WGCT-CA	CC from WINJ- LP
Albany	7 WXXA-D1	QR from ch.4,	Lima	38 WLMO-LP	
		10kw/434m, 42-37-31/ 74-00-38	Shaker Hts. <i>Toledo</i>	19 WOIO <i>19 WTVG-DT</i>	PR<3700kw <i>NW 795kw/222</i>
Auburn	15 WNNY-LP	P PG<8.1kw; CL	<u>Oklahoma<i>:</i></u> Lawton	3 NEW-LP	AF dismissed
Bath	14 870331LW	from Moravia <b>/ NS 1000kw/318,</b>			(interference to KFDX-3)
Buth		42-18-28/	Oklahoma C.	19 KUOT-CA	PR>23.7kw
Brooklyn	3 W03BM	<b>77-13-17</b> QC from	Sayre Tulsa	26 K26EU 45 KLOT-LP	PG>9.9kw QG from ch. 25,
DIOORIYII	5 W00DM	W38CL, 750w,	1 0150	43 NLO I -LF	25kw
		40-44-46/ 73-58- 52	<u>Oregon:</u> Astoria	39 K39HO	NS 24.5kw,
Cobleskill	41 W41CV	PG>9.2kw	Asiona	39 13910	46-17-10/
New York	6 WXNY-LP	QR from ch. 32, 3kw			123-53-50 (KWBP-32)
New York	11 WPIX	NS 25.2kw/300 (aux)	Bend	49 K49HX	NS 1kw, 43-58- 55 /121-20-02
Ogdensburg	3 NEW-LP	AF dismissed	Glide	24 K24FH	CC from K68BG
Plattsburgh	38 WCFE-DT	PR>737m; NW 100kw/721m	Klamath Falls	s 25 K25IB	QG from K56EW, 13kw,
-		PR<462kw/737			42-05-56/ 121-
<i>Utica</i> North Caroli		" NW 50kw/227m	Klamath Falls		38-02 PG<7.24kw
Asheville	50 W50CZ	QG from ch. 69,	Namaurrais	9 40 N40 N	(corrects typo of
Charlotte	16 W16CF	21kw QG from	Lincoln City	50 K50IK	7244kw!) CC from K59HY
Fayetteville	45 W45CO	W52CW, 44.8kw QG from	Madras/ Culver	30, K30IC, 32, K32GU,	QG from K56BV/ K58BK/ K63CC/
-		W66DF, 41.5kw	Cuivel	38, K38IJ,	K69BI, , 2kw
Goldsboro	35 W35BZ	QG from W63CW, 18.3kw		45 K45IK	(1.7kw on ch. 45)
Greenville	9 WNCT-TV	′ PC>575m	Medford	32 K32DY	PR<11kw,
Lumberton	35 W35CC	QG from W67DU, 27kw			42-17-54/
Manteo	4 WSKY-D1	• <b>AF 10kw/274m,</b>	Sunriver	23 K23FS	122-44-57; PG CC from K62AJ

The Dalles	18 K61BX	QR from ch. 61, 1.2kw	Big Wells	25, NEW-LP 29	AF dismissed
Tolo	3 K03EI	XG 42-22-41/ 122-50-43	Corsicana	22 KNAV-LP	QR from ch. 30, 150kw
<u>Pennsylvani</u> <u>a:</u>			Crockett	45 K45HZ	NS 10kw, 31-14-39/
Freedom	31 WWBP-LP	QG from ch. 25, 29kw	De Leon	38 K38IO	95-19-53 NS 3kw, 32-10-
Sayre	24 W52CE	QR from ch. 52, 17.5kw	Denison	7 K07XZ	55 /98-31-52 NS 500w,
South Caroli	na:				33-52-20/
Charleston	2 WCBD-TV				96-28-12
Charleston		TPR<46kw/583m	El Paso	65 KTFN	PC<2637kw
Charleston	36 WMMP	PR 1000kw/583, 32-56-24/	Floydada	24 K24GL	NS 22.5kw, 33-59-02/
		79-41-45	Greenville	46 KTAQ-DT	101-17-30 <i>NW 600kw/496,</i>
Charleston Charleston		NW 400kw/521	Greenvine		32-32-36/
Columbia	47 NEW	<sup>-</sup> <i>PR&gt;581m; PG</i> NS 750kw,			96-57-32
Columbia		34-02-38/	Harper	17 K17GZ	NS 7.5kw,
		80-59-51			30-20-29/
Johnston	46 W46DO	QG from W56EE			99-13-23
Myrtle	32 960920WV	sold to WIS-10	Kerrville	32 KRRT-DT	
Beach			Kress & Tulia	41 K41CA	PC<930w,
Sumter	27 WRJA-TV	PG<647kw			34-32-12/ 101-44-25
South Dakot			Louise	50 K50HN	PG>150kw,
Aberdeen		PR<36kw, DA	Louise		29-12-07/
Brookings		PR<38kw, DA			96-14-57
Eagle Butte		PR<31kw, DA	Lufkin	53 KLSB-LP	CC from K53IQ
Lowry Martin		PR<24kw, DA PR<39kw, DA	Mason	34 K34HW	NS 2.5kw,
Pierre	23 KZSD-DT 21 KTSD-DT				30-47-08/
Sioux Falls	23 KCSD-TV		MaCamay		99-18-40
		43-34-28/	McCamey- Rankin	50 K50ED	XG 31-12-42/ 102-16-14; XC
		96-39-19	Odessa	9 KWES-TV	-
Tennessee:			Cucosa	5 10120 11	31-59-17/
Acton					31-33-177
	69 W69DB	PG>150kw			
Chattanooga		QG from ch. 65,	Odessa	20 KTLE-LP	<b>102-52-41</b> QC from K60EE
		QG from ch. 65, 64.4kw, 35-22-	Odessa Pampa	20 KTLE-LP 34 K34HU	<b>102-52-41</b> QC from K60EE NS 10kw,
Chattanooga	36 WCNT-LP	QG from ch. 65, 64.4kw, 35-22- 49 /84-42-45			<b>102-52-41</b> QC from K60EE NS 10kw, 35-32-46/
	36 WCNT-LP	QG from ch. 65, 64.4kw, 35-22- 49 /84-42-45 QG from	Pampa	34 K34HU	<b>102-52-41</b> QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN)
Chattanooga Chattanooga	36 WCNT-LP	QG from ch. 65, 64.4kw, 35-22- 49 /84-42-45			<b>102-52-41</b> QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38-
Chattanooga	36 WCNT-LP 58 W58DO	QG from ch. 65, 64.4kw, 35-22- 49 /84-42-45 QG from W26BE, 11.3kw	Pampa Paris	34 K34HU 13 K13YP	<b>102-52-41</b> QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35
Chattanooga Chattanooga Holladay	36 WCNT-LP 58 W58DO 62 W62CJ	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson	Pampa Paris Plainview	34 K34HU 13 K13YP 17 NEW-LP	<b>102-52-41</b> QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed
Chattanooga Chattanooga	36 WCNT-LP 58 W58DO 62 W62CJ	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i>	Pampa Paris	34 K34HU 13 K13YP 17 NEW-LP	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG</i> >1000kw/
Chattanooga Chattanooga Holladay	36 WCNT-LP 58 W58DO 62 W62CJ	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44</i> /	Pampa Paris Plainview <b>Port Arthur</b>	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b>	<b>102-52-41</b> QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed
Chattanooga Chattanooga Holladay <i>Knoxville</i>	36 WCNT-LP 58 W58DO 62 W62CJ 30 WVLT-DT	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i>	Pampa Paris Plainview <b>Port Arthur</b>	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b>	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed PG>1000kw/ 360m PR>776kw/457 QC from K55IF,
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur	36 WCNT-LP 58 W58DO 62 W62CJ	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw,	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> 58 WOAI-DT 21 K21FV	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed PG>1000kw/ 360m PR>776kw/457 QC from K55IF, 6.8kw
Chattanooga Chattanooga Holladay <i>Knoxville</i>	36 WCNT-LP 58 W58DO 62 W62CJ 30 WVLT-DT	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i>	Pampa Paris Plainview <i>Port Arthur</i> <i>San Antonio</i>	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed PG>1000kw/ 360m PR>776kw/457 QC from K55IF, 6.8kw NS 10kw,
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur	36 WCNT-LP 58 W58DO 62 W62CJ 30 WVLT-DT	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> 58 WOAI-DT 21 K21FV	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw,	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> <b>58 WOAI-DT</b> 21 K21FV 34 K34HQ	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b>	QG from ch. 65, 64.4kw, 35-22- 49 /84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> 58 WOAI-DT 21 K21FV	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed PG>1000kw/ 360m PR>776kw/457 QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w,
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b>	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> 35-59-44/ 83-57-23 PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> <b>58 WOAI-DT</b> 21 K21FV 34 K34HQ	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b>	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/ 83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson;	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> <b>58 WOAI-DT</b> 21 K21FV 34 K34HQ	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed PG>1000kw/ 360m PR>776kw/457 QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b>	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> 35-59-44/ 83-57-23 PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> <b>58 WOAI-DT</b> 21 K21FV 34 K34HQ 13 K13YN	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b> 64 W64BZ	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b>	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill	34 K34HU 13 K13YP 17 NEW-LP <b>40 KBTV-DT</b> <b>58 WOAI-DT</b> 21 K21FV 34 K34HQ 13 K13YN	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG</i> >1000kw/ 360m <i>PR</i> >776kw/457 QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw,
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b> 64 W64BZ	QG from ch. 65, 64.4kw, 35-22- 49 /84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b> 64 W64BZ 41 KEYU-LP	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/ 83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <i>PC&lt;324m</i> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b> 64 W64BZ	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <i>PC&lt;324m</i> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31,	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 PC<960w,
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b> 64 W64BZ 41 KEYU-LP	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31, 150kw, 35-20-33	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow Texas: Amarillo	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA 10 WKNO 64 W64BZ 41 KEYU-LP 50 KAMT-LP	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31, 150kw, 35-20-33 /101-49-20	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 PC<960w, 34-32-12/
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA <b>10 WKNO</b> 64 W64BZ 41 KEYU-LP	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/</i> <i>83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <b>PC&lt;324m</b> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31, 150kw, 35-20-33	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana Tulia	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF 25 K25CP	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 PC<960w, 34-32-12/ 101-44-25 QG from K59EY, 9.99kw, 29-22-
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g <b>Memphis</b> Moscow Texas: Amarillo	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA 10 WKNO 64 W64BZ 41 KEYU-LP 50 KAMT-LP 48 K48JC	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/ 83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <i>PC&lt;324m</i> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31, 150kw, 35-20-33 /101-49-20 NS 10kw, 33-58-18/ 102-19-59	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana Tulia	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF 25 K25CP	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150k, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 PC<960w, 34-32-12/ 101-44-25 QG from K59EY, 9.99kw, 29-22- 08 /99-20-58;
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis Moscow Texas: Amarillo Amarillo Amherst Austin	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA 10 WKNO 64 W64BZ 41 KEYU-LP 50 KAMT-LP 48 K48JC 11 KQUX-CA	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/ 83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <i>PC&lt;324m</i> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31, 150kw, 35-20-33 /101-49-20 NS 10kw, 33-58-18/ 102-19-59 PC>1kw	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana Tulia	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF 25 K25CP	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150w, 33-30-24/ 94-12-26 NS 500w, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 PC<960w, 34-32-12/ 101-44-25 QG from K59EY, 9.99kw, 29-22- 08 /99-20-58; QR 8.15kw, 29-
Chattanooga Chattanooga Holladay <i>Knoxville</i> Lawrencebur g Memphis Moscow <u>Texas:</u> Amarillo Amarillo	36 WCNT-LP 58 W58DO 62 W62CJ <b>30 WVLT-DT</b> 13 WLLP-CA 10 WKNO 64 W64BZ 41 KEYU-LP 50 KAMT-LP 48 K48JC 11 KQUX-CA	QG from ch. 65, 64.4kw, 35-22- 49/84-42-45 QG from W26BE, 11.3kw XG 35-49-15/ 88-10-08; CL from Jackson <i>NW 398kw/551,</i> <i>35-59-44/ 83-57-23</i> PG>3.5kw, 35-08-06/ 87-22-31 <i>PC&lt;324m</i> PR<80kw, 35-05-43/ 89-23-07; CL from Jackson; PG PG<123kw, 35-20-33/ 101-49-20; CC from K41GY QR from ch. 31, 150kw, 35-20-33 /101-49-20 NS 10kw, 33-58-18/ 102-19-59	Pampa Paris Plainview <b>Port Arthur</b> <b>San Antonio</b> Seminole Sherman Smith Hill Texarkana Texarkana Tulia	34 K34HU 13 K13YP 17 NEW-LP 40 KBTV-DT 58 WOAI-DT 21 K21FV 34 K34HQ 13 K13YN 5 K05LQ 66 K66GF 25 K25CP	102-52-41 QC from K60EE NS 10kw, 35-32-46/ 101-00-02 (TBN) NS 1kw, 33-38- 46 /95-31-35 AF dismissed <i>PG&gt;1000kw/</i> 360m <i>PR&gt;776kw/457</i> QC from K55IF, 6.8kw NS 10kw, 33-40-48/ 96-35-05 NS 150k, 33-30-24/ 94-12-26 NS 500w, 33-35-06/ 94-02-28 NS 150kw, 33-35-06/ 94-02-28 PC<960w, 34-32-12/ 101-44-25 QG from K59EY, 9.99kw, 29-22- 08 /99-20-58;

Victoria	42 K42GO	NS 9.89kw, 28-49-01/ 97-03-58	Longview	28, K28IH, 31 K31HK	NS 2.2kw, 46-10-55/ 122-57-00
	s 28 KFDX-DT		Spokane	43 K14IF	PR<2.2kw, 47-34-45/
<u>Utah<i>:</i></u> Brian Head	47,K47JF, 51 K51HQ	NS 75w, 37-41- 25 /112-49-45	Spokane	32 K32GS	117-17-51 QG from K55EB, 10.2kw
Delta & Oal City	k 51 K51GG	QC from K54DW, 2kw, 39-21-12/ 112- 21-06	<u>West Virginia</u> Charleston		PG 52.4kw/524, 38-24-28/ 81-54-13
Duchesne Enterprise Fruitland	34 K34FV 34 K34FW 29 K29EZ	CC from K06MT CC from K55CH CC from K59EL	Charleston	19 WVAH-DT	PR>514m, 38-34-28/ 81-54-13
Garrison Henefer & Echo	46 K46GG 38 K38HW	QC from K55GN NW 260w, 40-58-40/	Huntington Martinsburg	50 W44AA	<i>NW 60.1kw/378</i> QC from ch. 44, 11.5kw
Mount Pleasant	22 K22FW	111-26-08 QC from K57HK, 1.8kw, 39-32-22 /111-23-17			PC 220kw/192m <i>NW 47.4kw/193</i> PG>2.1kw, QG
Myton	19 K19EY, K21FT, K25HH,	CC from K63CB, K69DE, K67CK, K65CL, and	Green Bay		from no offset to plus <i>NW 200kw/375</i>
Park City	K27GN, K41GT 56 K56IQ	K61CF NS 710w,	Kenosha		NW 200kw/373 NW 830kw/358, 43-05-44/ 87-54-17
Price	17 K17GT	40-51-18/ 111-28-44 NS 380w,	<i>La Crosse Menomonie</i> Milwaukee		<i>NW 308kw/351</i> <i>NW 200kw/350</i> QG from
		39-31-47/ 111-03-04 (KUWB-16)	Willwaukee	30 10 30 1	W53CC, 34.5kw, 43-05-15 /87-54- 13; CL from
Roosevelt	38 K38GO, K47HA, K48GZ, K50GO	QC from K19CZ, K23DR, K53BB, K55DG, 1.12kw	<b>Milwaukee</b> <b>Park Falls</b> Sister Bay	<b>6 WITI</b> <b>47 WLEF-DT</b> 18 W18CU	Ludington, Mich. PR>240m (aux) <i>NW 200kw/244</i> PR>5.16kw; PG;
Samak Santa Clara	3 K03HQ 36 K36FT	NS 72w, 40-37- 56 /111-15-30 CC from K57BG	Wausau	3 W03BN	QC NS 250w, 44-57-52/
St. George	33 K33GE & 27 K27ID	CC from K59AG NS 600w, 37-42-40/	<u>Wyoming:</u> Cheyenne	11 KKTU-DT	89-39-45 <i>NW 16kw/650m</i> ,
Vernal <u>Vermont:</u>	6 NEW-LP	112-04-39 AF dismissed	Cheyenne	14 K14LV	<b>40-32-47</b> / <b>105-11-50</b> NS 3kw,
Hartford St. Albans Virginia:	<b>31 WNNE</b> 49 W52CD	<b>PC&lt;1820kw/684</b> QR dism. ROA	Hulett	58 K58IE	41-08-17/ 104-47-30 (TBN) NS 999w,
Central Rockingham Co.	19 W19CW	QG from W21AC, 2.2kw	Laramie	14 K14LK	44-41-49/ 104-37-07 XR 41-17-17/
Charlottesvill e	13 W13DD	NS 1.5kw, 38-16-30/ 78-27-37	Laranne		105-26-42; PG<11kw, 41-14-16/
Charlottesvl e	I 19 WCAV	CC for NS	Rawlings	26 NEW-LP	105-27-48 AF dismissed
е	<b>1 32 WVIR-DT</b>	<b>PR&gt;369m</b> CC from W64AO	*		
e Honaker	51,WAPV-LP 55		Canada: British Colur Vancouver	n <u>bia:</u> 33 CIVT-DT	NS 900w/740
Richmond <i>Richmond</i>	55 57 WCVW 26 WRLH-DT	PR<50kw			49-21-29/ 122- 57-09
Yorktown <u>Washington</u> Grays River		PG>150kw QC from K67BJ	<u>Guam:</u> Agana	5 KGTF-DT	PG>8.26kw/ 75m, DA
Lebam	, 30 13003		<u>Ontario:</u>		-

Hamilton	15 CKXT-DT- 1	NS 8.6kw/193 43-12-27/
Hamilton	45 CKXT-TV- 1	<b>79-46-28</b> NW 19kw/193 43-12-27/
Leamington	34 CFTV-TV	42-02-30/
London	14 CITS-TV-2	82-36-24 NS 883w/268 42-57-20/
Ottawa	32 CITS-TV-1	81-21-20 NS 7.2kw/142 45-13-01/ 75-33-51
*		73-33-31
<u>Puerto Rico:</u> Mayaguez	26 NEW-LP	RE AF 19.94kw, 18-19-06/

 18-19-06/<br/>67-10-49

 Ponce
 14 WTIN

 FC; sold to<br/>WAPA-4

 Ponce
 19 WKPV-DT

 PG<700kw/<br/>269m, DA

 Yauco
 41 WIRS-DT

 PR>185kw/<br/>832m



<u>U.S. Virgin Islands:</u> Christianstd. 15 WVIF

CC fm WCAV; to be Fox Thanks to Jeff Kruszka, Bill Draeb, Charles Gauthier, Mike Bugaj, and Dennis Smith for information appearing elsewhere in this month's column.

TBN has sold a number of their duplicate new construction permits to Prism Broadcasting:

Charlotte Amalie, V.I. Vidalia, GA	W50CQ W59DS
Glasgow, KY	W57DO
Albert Lea, MN	K67HL
Cleveland, MS	W34CT
Starkville, MS	W61DQ
Cambridge, OH	W60DD
Durant, OK	K50GT
McAlester, OK	K61HM
Hereford, TX	K33GH
Chippewa Falls, WI	W61DM
Rhinelander, WI	W44BZ

A few items of special interest this month. KCSM-60 has lost the lease on their analog transmitter site. They've requested permission to turn in their analog license and go digital-only. KCSM's analog transmitter was on the Mt. San Bruno tower farm south of the city; their digital is on Mt. Sutro.

Well, it was bad enough for NYC DXers when they managed to shoehorn in a channel 3 station in Brooklyn. Now, they've done it again. WXNY-LP has applied to move from channel 32 to channel 6, with 3kw. If approved, there would be <u>no</u> open low-band channels in New York City...

## DTV RECEPTION #2



Matt Sillel (NE) comes through this month with only the second DTV E skip reception ever noted.

This screenshot from his computer shows program 1 and program 2 info. Also notice in the partially decoded picture, part of the NBC bug in the lower right side of the picture.

The station is WKYC-DT, channel 2 in Cleveland running 296kw, seen on May 12, 2004 at 8:01am local time. A Win TV D card was used for this reception.

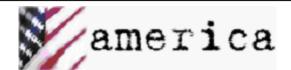


## ONGRATULATIONS TO THE CLASS OF '04 JUNE 2004

#### ABBREVIATIONS:

AFA: American Family Association

- CC: call letter change
- CL: city of license change
- CX: a construction permit has been cancelled
- C1, C2, etc.: a change in status to that FM license class
- DA: directional antenna
- DE: station has been deleted
- FC: format change
- GA: granted amendment to the table of FM allocations
- GE: granted extension of construction permit
- GX: granted replacement of expired permit
- LC: license to cover filed (ready to come on the air)
- MC: multiple-city ID
- NC: no change yet on a reported change or permit
- ND: non directional antenna
- NO: not on the air



#### ALABAMA

Ashland: WTRB-FM 98.3, GA from Sylacauga

Atmore: WYDH 105.9, FC to classic country, CC to WDXZ Brookwood: WRTR 105.9, PG>25kw/82m, 33-14-17/87-29-06; CL from Tuscaloosa

Bryant: WWFC-LP 99.9, NW ?w/137m, 34-52-33/85-35-18 Coaling: WFFN 95.3, GA from Cordova

Cordova: WQOP-FM 92.5, GA from Dora

Dothan: WDYF 90.3, PG>171m, 31-19-29/85-36-06 Hackleburg: WFMH-FM 95.5, GA from Holly Pond



Hobson City: WASZ 95.5, GA from Ashland Holly Pond: WRSA 96.9, GA from Decatur Homewood: WBPT 106.9, CL granted from Birmingham Killen: WKSR-FM 98.3, GA class A->C3, from Pulaski, TN Lannett: WRNK-LP 96.3, NW

100w/2m, 32-52-05/85-11-28

Linden: WNPT-FM 102.9, PR 29kw/197m, 32-40-50/87-24-22

Midfield: WBHJ 95.7, GA from Tuscaloosa, from Class C1 to C2 Orrville: WJAM-FM 97.3, PG<125m

Scottsboro: WKEA-FM 98.3, GA from class A to C3,

PR>12kw/146m, 34-31-57/85-55-07

Thomaston: WAYI 97.7, RA simulcasting WALX 100.9, Hot AC "Lazer 101"

#### ALASKA:

Nome: KICY-FM 100.3, PR>1kw/-104m, 64-30-11/165-24-36

#### ARIZONA:

Camp Verde: KAJM 104.3, PR>86kw/600m; CL from Payson

Fountain Hills: KLVK 89.1, PC>2.5kw-V/285m Gilbert: KEDJ 103.9, PR>99.6kw

Kingman: KFLG-FM 94.7, PR 43kw/790m

- NS: new station granted
- NW: new station signs on
- OSA: one step application granted for change
- PA: proposed amendment change to FM allocation table
- PC: power change on the air (> = increase, < = decrease) PG: power change granted (> = increase, < = decrease)
- QC: frequency changed occurred
- QG: frequency change granted
- RA: silent stations returns to the air
- RE: station requests an extension on permit
- RX: station requests replacement of expired permit
- SC: slogan change or update
- SI: station is silent

SOA: signed on air

- XA: dismissed amendment to FM allocations
- XC: transmitter site change occurred
- XG: transmitter site change granted

Lake Havasu City: KLHA 89.3, calls for new station

#### ARKANSAS:

Earle: KCJF 103.9, PC 12.5kw/143m, 35-27-01/90-42-11 Gentry: KOZR-LP 102.9, PG 31m, 36-15-16/94-29-38



Vilonia: KASR 92.7, PR>25kw/100m, 35-03-26/92-04-16; CL from Conway West Helena: KIHW-LP 107.7, NW ?w/59m, 34-31-

48/90-36-46

CALIFORNIA:

Arcata: KCHP-LP 97.1, NW 100w/-41m, 40-52-32/124-05-21 Bakersfield: KFRB 91.3, PR>2.8kw-V Chico: KPLS-LP 105.9, calls for new station Corning: KTHU 100.7, PA class B, from C1 Crescent City: KCRE-FM 94.3, PR>25kw/-47m, 41-45-35/124-11-28 Essex: KHWY 98.9, PG>9kw/348m Fresno: KJWL 99.3, PC>14.5kw/105m Fortuna: KWPT 100.3, FC to classic hits "The Point" Grass Valley: KCEE 103.3, signs on with Salem's talk programming "K-Talk", PC>530w/336m Hemet: KXRS 105.5, PR 6kw/85m, 34-01-41/116-58-40



Hollister: KHRI 90.7, PG>170w Johannesburg: KEDD 103.9, RA with Spanish hits "Radio Exitos"

Lompoc: KSMY 106.7, FC to regional Mexican Los Molinos: KCEZ 102.1, NW 25kw/81m, 39-53-16/122-37-38 Modesto: KEJC 93.9, corrects tower coordinates to 37-39-00/121-01-24 and power to 3.95kw Mt. Shasta: KMJC-FM 107.9, PR>20kw/249m, 41-13-37/122-14-23 Oxnard: KCRU 89.1, PC>850w Pacific Grove: KAZU 90.3, PC 3.4kw/168m Quincy: KHGQ 100.9, PA from 100.3

Redondo Beach: KZAB 93.5, PC 3.4kw/132m, 33-51-35/118-20-56 Ridgecrest: KWTD 91.9, PR 6.6kw/404m

HON STOP HIP-HOP & TAX

San Jacinto: KWRP 96.1, CC to KWIE, PC 1.4kw/209m, 34-02-13/116-58-07 Santa Barbara: KFAC 88.7, CC to KQSC

Thousand Oaks: KCPB 91.1, CC to KDSC Willows: KCHC 106.3, PR<400w/34m, 39-31-25/122-10-07 Yuba City: KXCL 103.9, PG 25kw/100m, 39-02-43/121-28-41

Yuba City: KRYC-LP 105.9, NW 100w/7m, 39-07-34/121-39-09

#### COLORADO:

Aspen: KSPN-FM 103.1, PR>10.5kw/319m, 39-09-09/106-49-09

Dolores: KTCF 89.5, PG>66m, 37-27-38/108-30-29 Eaton: KLCQ 88.9, NW 640w/-1m, 41-08-17/104-47-30 Grand Junction: KBKL 107.9, PR>470m

Grand Junction: KMXY 104.3, PR>470m

Kremmling: KRKM 106.3, CC to KKHI

Salida: KHEN-LP 106.9, XR 38-32-30/105-59-11

Westcliffe: KWMV-LP 95.9, PR>-46m, 38-08-04/105-27-41 Yuma: KNEC 100.9, PG<23kw

#### CONNECTICUT:

Ledyard: WCSE-LP 100.1, PG 68m, 41-25-00/72-02-41

#### **DELAWARE**:

Dover: WIHW-LP 96.1, calls for new station

#### DISTRICT OF COLUMBIA:

Washington: WRQX 107.3, PC 19.5kw/246m



Washington: WGMS-FM 103.5, AF 10kw/131m, 39-02-32/77-02-49 (aux)

#### FLORIDA:

Apalachicola: WFCT 105.5, PG 45kw/159m

Brooksville: WRRR-LP 102.7, CC to WKJO-LP

Collier Co. Rest Area: WFLP-LP 98.7, NW 100w/29m, 26-10-02/81-04-40 Fort Meade: WWRZ 98.3, PR>11.5kw/311m, 27-50-15/81-

56-53 Glen St. Mary: WFBB-LP 100.3, NW 100w/27m, 30-16-

Glen St. Mary: WFBB-LP 100.3, NW 100w/27m, 30-16-17/82-09-46

Graceville: WTOT-FM 101.7, PR>25kw, 30-59-55/85-42-16 Holt: WTKE 98.1, PR<147m, 30-24-38/86-37-22

Inglis: WIFL 104.3, PR>25kw/95m, 29-02-10/82-42-40 Marathon: WAVK 97.7, PC>50kw-H/49kw-V/65m, 24-46-02/80-56-42

Mcintosh: WIMR-LP 96.5, NW 100w/30m, 29-26-57/82-13-



36 Melbourne: WBVD 95.1, PC 4.3kw/118m, 28-08-15/80-42-

11 Miles City: WFLU-LP 107.9, NW ?w/31m, 26-09-40/81-20-58 Miramar Beach: WSBZ 106.3, PC>6kw

Naples: WSRX 89.5, PC>100kw Palm Bay: WEJF 90.3, PC>100w-H/10kw-V/123m

Panama City Beach: WVVE 100.1, PC>12kw/123m San Carlos Park: WNRW 98.5, FC to country "US 98.5", CC to WUSV

Seaside: WTHA-LP 107.1, NW 100w/24m, 30-19-23/86-08-31

St. Catherine: WKFA 89.3, PR>90m, 28-32-22/82-04-48

#### GEORGIA:

898.5FM

Ambrose: WKAA 97.9, GA from 97.7 Ocilla

Atlanta: WSB-FM 98.5, GA from class C to class C0

Blackshear: WKUB 105.1, PC>50kw Bowdoin: WMAX-FM 105.3, NW 70kw/307m (aux) Canton: WPCG-LP 107.9, NW ?w/33m, 34-18-25/84-30-59 Dublin: WQZY 95.9, PG>100kw Glennville: WOAH 106.3, PC 4kw/121m, 31-51-18/81-44-28 Milledgeville: WKZR 102.3, PR>6kw/100m Quitman: WSTI-FM 105.3, FC to top 40 "Mix 105.3", PC>25kw/97m, 30-38-23/83-26-52 Savannah: WZAT 102.1, PC>456m, 32-03-37/81-20-40 Statesboro: WMCD 100.1, CC to WMZD Waycross: WASW 91.9, PR>18kw/88m, 31-16-13/82-39-19 Yates: WWBM 89.7, NW 1kw/98m, 33-27-47/84-53-35

#### HAWAII:

Haliimaile: KPMW 105.5, PC>14kw/134m, 20-44-32/156-18-48

Keaau: KBGX 105.3, PR 22.5kw-H/5.7kw-V/28m, 19-43-18/155-27-23

#### ILLINOIS:

Cairo: WBEL 88.5, PR>64kw-V/170m, 36-59-32/88-59-19 Carthage: WCEZ 93.9, PC>100m Clinton: WHOW-FM 95.9, PR>6kw

Johnson City: WDDD-FM 107.3, request CL from Marion



Milford: WJCZ 91.3, PR<25kw/27m, 40-35-07/87-57-47 Okawville: WIBV 102.1, GA from Mt. Vernon Peoria: WWKJ-LP 102.9, NW 100w/11m, 40-54-

44/89-30-11 Shelbyville: WHBW-LP 93.7, CX, DE Virden: WCVS-FM 96.7, PC>6kw, 39-38-02/89-48-50

#### INDIANA:

Cicero: WJCY 91.5, PR<250w-V/51m Columbia: WSHI 106.3, PC>5.6kw/104m, 41-12-49/85-12-04

Corydon: WGZB-FM 96.5, PG>6kw/100m Evansville: WCFY-LP 102.7, calls for new station Fishers: WGRL 93.9, PC 2.95kw/145m, 39-49-39/85-58-51

Kokomo: WJJD-LP 101.3, calls for new station



Ligonier: WNRL-LP 105.9, NW ?w/39m, 41-25-55/85-34-59 Mitchell: WWEG 102.5, CC to WNUF Montpeiler: WJCO 91.3, PR<350w-V/60m Oolitic: WXVW 88.9, PR 5.2kw-V/78m, 38-59-14/86-27-31 Seymour: WQKC 93.7, PC<24.5kw-V (remains

Spencer: WSKT 97.7, PR>6kw/100m, 39-10-32/86-42-29 Sullivan: WNDI-FM 95.3, PC>6kw/100m

#### IOWA:

Alair: KDDI-LP 102.9, NW ?w/47m, 41-29-47/94-38-29 Bettendorf: KORB 93.5, CC to KQCS Charles City: KQOP-LP 94.7, NW 100w/-3m, 43-03-54/92-40-20

Clear Lake: KLKK 103.7, PR 6.2kw/199m, 43-10-04/93-06-04

Davenport: KTJT-LP 102.7, calls for new station De Soto: KSDE-LP 104.7, NW 100w/16m, 41-32-07/94-00-18 Des Moines: KJMC 89.3, PC 7.1kw/61m, 41-39-21/93-35-51 Pocahontas: KWFF-LP 95.3, NW 100w/10m, 42-43-59/94-40-05

#### KANSAS:

Bronson: KBJQ 88.3, PR>36kw/116m Dodge City: KVPC-LP 100.5, NW ?w/50m, 37-45-19/100-00-59

Emporia: KANS 99.5, QR to 96.1



Shawnee: KMAJ-FM 107.7, PR<275kw, 39-00-45/95-01-46; CL from Topeka (move into KC market)

#### Wichita: KZZD 90.7, CC to KYWA, FC to Way FM contemporary Christian

#### KENTUCKY:

Georgetown: WRVG-LP 93.7, calls for new station Hopkinsville: WHOP-FM 98.7, PG>189m, 36-55-41/87-32-50

Jenkins: WIFX-FM 94.3, PG>6.3kw/410m, 37-09-59/82-37-13

Owensboro: WIMM-LP 107.7, NW 100w/28m, 37-43-39/87-03-15

Williamsburg: WCCR-LP 94.7, NW 100w/15m, 36-44-07/84-09-46

Williamsburg: WNLW-LP 95.1, NW 100w/30m, 36-44-40/84-10-25

#### LOUISIANA:

Baker: WJNH 107.3, CC to WTGE Belle Chasse: KMEZ 102.9, PR 18.5kw/91m Chalmette: WRQZ-LP 103.7, calls for new station Jackson: WNXX 104.5, PR 3kw/144m, 30-44-44/91-07-32 Jonesville: KTGV 105.1, PG 900w/249m, 31-40-08/91-41-30

Lake Charles: KBXG 99.5, PR<311m, 30-17-26/93-34-35



LaPlace: WCKW-FM 92.3, XG 29-57-09/90-43-26 Sulphur: KKGB 101.3, PR 12kw/146m, 30-14-41/93-20-37

#### MAINE:

Auburn: WMEK-FM 99.9, CC to WTHT

#### MARYLAND:

Crisfield: WBEY 96.9, PG 1.4kw/113m, 38-01-45/75-45-05 Frederick: WJTM 88.1, PR 1kw/340m, 39-29-31/77-30-00

MASSACHUSETTS: East Harwich: WXLJ-LP 97.7, NW 100w/27m, 41-42-56/70-00-32

Hyannis: WCOD-FM 106.1, PG>50kw

South Yarmouth: WOCN-FM 103.9, PC>5.5kw/104m Springfield: WAQY 102.1, NS 30kw/24m, 42-04-25/72-31-28 (aux)

Worcester: WAAF 107.3, CL to Westborough now on air

#### **MICHIGAN:**

Bear Lake: WCUZ 100.1, PR 1.1kw/166m, 44-30-54/86-06-53

Benton Harbor: WVBH-LP 105.3, NW 100w/16m, 42-07-06/86-26-59

Coopersville: WCXT 105.3, PR 50kw/146m, 43-15-41/86-02-01; CL from Hart

Crystal Falls: WOBE 100.7, XC 45-49-16/88-02-34

Detroit: WGPR 107.5, PC>124m Grand Rapids: WVGR 104.1, PG>219m, 42-39-18/85-31-38 Kalamazoo: WCAC-LP 92.7, calls for new station Mount Pleasant: WQOS-LP 98.9, NW 100w/22m, 43-35-

28/84-45-50

Onsted: WAAQ 88.3, XG 42-03-33/84-12-54 Pentwater: WWKR 94.1, requests CL from Hart



Pinconning: WSAG 104.1, PC 4.6kw/99m, 43-43-30/83-56-50 Standish: WWCM 96.9, PA to 106.9 dismissed, class A West Branch: WAWB-LP 107.3, NW 100w/21m, 44-16-39/84-12-23

White Star: WEJC 88.3, PG>50w-H/80kw-V

#### MINNESOTA:

Ada: KRJB 106.3, PR>50kw/85m Breezy Point: KLKS 104.3, AF 70w/126m (aux) Duluth: KDAL-FM 95.7, PC<221m, 46-47-15/92-07-21 Park Rapids: KDKK 97.5, PG>194m, 46-55-51/95-00-27 Sebeka: KOPJ 89.3, calls for new station

#### MISSISSIPPI:

Coldwater: WVIM-FM 95.3, PC>3.6kw/129m Greenville: WIXP-LP 107.9, calls for new station Gulfport: WGCM-FM 102.3, PG>50kw/120m

Hickory: WGTC 91.3, calls for new station Okolona: WACR-FM 103.9, PG<120m, 34-12-18/88-41-49; CL from Columbus

Port Gibson: WATU 89.3, PR<8kw-V, 32-07-56/90-45-29 Port Gibson: WRTM-FM 100.5, PR>50kw/150m, 32-00-00/90-59-20

Yazoo City: WYAZ 89.5, PR>25kw-V/158m, 32-48-04/89-56-32

#### MISSOURI:

Birch Tree: KBMV-FM 107.1, PC>25kw, 36-56-03/91-43-07

Bowling Green: KPVR 94.1, PC 7.5kw/180m, 39-15-45/91-04-09 Cuba: KESY 107.3, XG 38-02-43/91-30-08 Farmington: KSEF 89.9, PG 9.5kw/195m, 37-47-57/90-33-43



Hannibal: KJIR 91.7, PC>12kw/174m, 39-41-54/91-29-48 Lexington: KMJK 107.3, PR>361m Marshfield: KNLM 91.9, PC 1.75kw/76m, 37-19-01/92-57-51 Osceola: KCVJ 100.3, PC>6kw/86m, 38-03-43/93-33-24 Otterville: KCVK 107.7, PR 2.5kw/152m, 38-39-21/92-54-27 St. Louis: KEZK 102.5, GA from class C-> class C0 Stockton: KRLK 107.7, PR<850w/35m, 37-41-50/93-45-59

#### MONTANA:

Arlee: KJFT 90.3, calls for new station Bozeman: KOFK-LP 98.3, calls for new station Hardin: KRWS-LP 100.7, calls for new station Kalispell: KANB-LP 102.3, calls for new station Montana City: KBSG-LP 106.3, calls for new station Polson: KMDM-LP 105.9, QR from 107.9 Shelby: KFAS-LP 95.3, PG 34m, 48-29-37/111-53-21 Whitehall: KESW-LP 106.5, calls for new station

#### **NEBRASKA:**

Bennington: KRQC 93.3, CC to KHUS Grand Island: KKLU 88.3, PG 1.7kw/45m, 40-54-50/98-23-52 Mitchell: KOSJ 89.5, calls for new station Omaha: KIOS-FM 91.5, AF 55kw/183m (aux) Omaha: KGOR 99.9, PG<370m, 41-18-29/96-01-36

#### NEVADA:

Sparks: KLRH 88.3, NW 1.8kw/880m, 39-45-38/119-27-59

#### **NEW HAMPSHRE**

Bartlett: WJSK-LP 101.1, NW 100w/-15m, 44-07-17/71-12-16

Dublin: WFCB-LP 100.3, PG ?w/132m, 42-53-58/72-07-16 West Keene: W240AM 95.9, CX, deleted (interference on WZID/95.7 Manchester)



#### **NEW JERSEY:**

Burlington: WPST 97.5, GA from Trenton Canton: WJKS 101.7, PG 800w/195m, 39-25-51/75-20-13 Eatontown: WHTG-FM 106.3, PC 1.1kw/161m, 40-16-41/74-04-51

#### NEW MEXICO:

Alamogordo: KKBO 107.9, calls for new station Albuquerque: KFLQ 91.5, PC<20kw/1232m Belen: KVLK 91.1, QC to 90.7, PR<1.6kw/198m, 34-47-55/106-48-59

Los Alamos: KZNM 106.7, PR>45.3kw/577m, 35-46-49/106-31-34



Portales: KSEL-FM 95.3, QR to 105.9; PR>100kw/165m, 34-11-34/103-16-44 Rio Rancho: KVVF 101.7,

FC to smooth jazz "The Horizon", CC to KAJZ Santa Fe: KAJZ 105.1, CC to KKRG and goes silent Socorro: New 89.5, NS 100kw/99m, 34-16-37/106-54-08 (K-Love)

#### NEW YORK:

Binghamton: WHWK 98.1, PC 6.7kw/395m, 42-03-40/75-56-45

Binghamton: WSKG 89.3, PC>11.5kw/317m, 42-03-40/75-56-46

Buffalo: WBFO 88.7, PR>117m

Frankfort: WKLL 94.9, FC back to modern rock "K-Rock" Kingston: WKXP 94.3, PC>2.25kw

Kingston: WKHV-LP 103.9, NW 100w/6m, 41-55-07/73-59-15

Lake Luzerne: WBAR-FM 94.7, PG>940m/253m Oneida: WMCR-FM 106.3, PG>1.25kw Saranac Lake: WSLL 90.5, PC>600w/107m Southold: WBEA 101.7, PR>5.5kw Wellsville: WJQZ 103.5, PG>1.75kw



Wethersfield Twp: WNSA 107.7, simulcasting WGR-550

#### NORTH CAROLINA:

Aurora: WFPF 104.5, CC to WSTK Chapel Hill: WCOM-LP 103.5, XR 35-53-22/79-03-59 Charlotte: WYLI-LP 93.7, NW ?w/-3m, 35-06-04/81-03-26 Elizabethtown: WDJD-LP 93.7, PG 43m, 34-38-40/78-38-21

Greensboro: WOZN 98.7, PC>375m, 35-56-42/79-51-45 Lenoir: WSER-LP 100.1, NW 1w/314m, 35-54-25/81-29-22 LincoInton: WWGT-LP 100.9, NW ?w/1m, 35-27-50/81-16-29

Stanley: WVEM-LP 100.5, calls for new station Washington: WBOB-FM 93.3, CC back to WERO Windsor: WIAM-FM 98.9, CC to WNBR Winston-Salem: WFEC-LP 103.1, calls for new station

#### NORTH DAKOTA:

Devil's Lake: KZZY 103.5, PC<138m, 47-58-49/99-03-11 Dickinson: KPAR-LP 103.3, NW 100w/-3m, 46-53-12/102-47-02

Minot: KSAF-LP 104.1, calls for new station

#### OHIO:

Bellefontaine: WPKO-FM 98.3, PC 1.75kw/131m, 40-22-05/83-44-02



Bellevue: WOHF 92.1, PC>6kw/100m, 41-14-19/82-50-16 Kettering: WLQT 99.9, NS 8.2kw/112m, 39-43-36/84-12-23 (aux)

Mount Sterling: WSWO 102.3, PA from Wilmington, class A Newark: WJFY-LP 104.3, NW 100w/30m, 39-58-18/82-24-45

Oxford: WOXY 97.7, FC to modern rock "X97-7" West Carrollton: WDPR



88.1, PR 600w/238m, 39-43-16/84-15-00 <u>OKLAHOMA:</u> Grandfield: KWKL 89.9,

Salem's FM station!

16-19/98-25-30 Healdton: KICM 97.7,

NW 11kw-V/152m, 34-

PC 10kw/156m, 34-20-57/97-27-24 Okarche: KTUZ-FM 106.7, AF 13kw/285m, 35-36-49/97-52-19 (aux)

#### OREGON:

Astoria: KJAC 88.7, CC to KLOY

La Grande: KTVR-FM 90.3, NW 400w/774m, 45-18-35/117-43-57

Lakeview: KQIK-FM 93.5, PG 1kw/303m, 42-12-19/120-19-37

Monmouth: KSND 95.1, PC 1kw/477m, 44-53-19/123-36-26

Newport: KWPB-LP 98.7, PG<18m, 44-38-57/124-03-08

#### PENNSYLVANIA:

Avoca: WAMT 103.7, CC to WFEZ, PC<6kw/22m, 41-18-20/75-45-38 Dallas: WCWQ 93.7, CC to WSJR Ellwood City: WJST 92.1, PR 2.5kw/156m, 40-46-09/80-16-56

Erie: WMCE 88.5, PC>750w/152m, 42-05-25/79-56-37 Erie: WXKC 99.9, AF 9.7kw/117m, 42-03-21/80-02-24 (aux)

Gap: WOMB-LP 92.9, CC to WGCP-LP

Greensburg: WSSZ 107.1, CC to WJJJ

Hazleton: WBSX 97.9, PC 6.3kw/407m, 41-10-56/75-52-22 Pittsburgh: WBZZ 93.7, SC to "B93-7"

Pittsburgh: WORD-FM 101.5, NS 28kw/158m (aux)

#### SOUTH CAROLINA:

Bamberg: WWBD 95.7, PR>7.6kw/164m, 33-24-49/81-00-59

Clemson: WCCP-FM 104.9, PR>4.6kw/113m, 34-38-13/82-42-30

Greenville: WPLS-LP 95.9, NW ?w/33m, 34-55-13/82-26-17

Hilton Head Island: WIAR-LP 100.5, NW ?w/32m, 32-09-14/80-45-36

Murrells Inlet: WYEZ 94.5, PG 12kw/145m, 33-33-13/79-13-14



Newberry: WWPZ-LP 95.9, NW ?w/43m, 34-16-27/81-46-05 Seneca: WHZT 98.1, PR>459m, 34-34-00/82-58-50 Sumter: WICI-FM 94.7, PC>8.1kw/174m, 34-02-56/80-12-51

Williston: WAAW 94.7, PC 2.55kw/155m, 33-30-31/81-37-27

#### SOUTH DAKOTA:

Flandreau: KKHG 107.9, CC to KWSF

Huron: KZKK 105.1, PG>50kw/150m, 44-11-39/98-19-05

#### TENNESSEE:

Colonial Heights: WRZK 95.9, PC 7.4kw/382m Knoxville: WUOT 91.9, PR 63.9kw/534m, 36-59-44/83-57-23

Lenoir City: WKZX 93.5, FC to country (Knoxville) Pulaski: WKSR-FM 98.3, PR>25kw/100m, 35-00-35/87-21-30

Spencer: WSPE-LP 93.1, XR 35-43-38/85-28-04

St. Joseph: WJOR 101.5, PR>4kw/123m, 34-56-01/87-32-59

Walden: WTRZ-FM 103.9, QR from 103.7, 25kw/92m, 35-07-33/85-17-25; CL from McMinnville (enters Chattanooga market)

#### TEXAS:

Abilene: KGNZ 88.1, PR<5kw/73m, 32-28-37/99-44-56 Beaumont: KQQK 107.9, PR>90kw/596m, 30-01-01/94-32-47 Belton: KOOC 106.3, CC to KQXB Borger: KDSH-LP 105.1, calls for new station Burnet: KBEY-FM 92.5, PG 1.8kw/184m, 30-44-29/98-19-05 Cameron: KHTZ 94.3, CC to KNVR Dallas: KEGL 97.1, FC to AC "Sunny 97.1" Denton: KHCK 99.1, CC to KFZO Elgin: KKLB 92.5, PG>3.5kw/134m, 30-13-07/97-24-03 Fort Worth: KTCU-FM 88.7, PC>10kw/90m Graham: KWKQ 94.7, FC to classic hits Hondo: KRIO-FM 98.5, CC to KMFR Iowa Park: KIXC 100.9, PA from Quanah, class C3 Jasper: KWYX 102.7, PG>50kw/150m La Porte: KVST 103.7, PR>100kw/590m, 29-56-09/94-30-38: CL from Willis



Lumberton: KOBT 100.7, PA from Winnie, class C Navasota: KMBV 92.5, CC to KHTZ Pasadena: KFTG 88.1, PR>58m Pearsall: KRIO 104.1, FC to Spanish Hits "Digital 104.1" (San Antonio) Pittsburg: KKXI 91.1, PR>1.57kw-V/61m, 32-57-48/94-53-54

Plainview: KJTV-FM 97.3, CC to KSTQ-FM



Port Arthur: KTJM 98.5, PR>100kw/596m, 30-01-01/94-32-47

San Angelo: KELI 98.7, FC to soft AC "K-Lite"

Stanton: KFRI 88.1, PR>139m, 32-05-44/101-48-47 Sterling City: KCSE 96.5, FC to Spanish hits "Que Buena 96.5"

Stephenville: KEQX 89.7, PR>6kw-V/150m, 32-07-24/97-58-48

Victoria: KXBJ 89.3, PR 9.5kw/115m, 28-46-20/96-57-17 Weatherford: KYQX 89.5, PG>4.5kw/158m, 32-51-05/98-06-31

Wichita Falls: KBZS 106.3, PC>50kw

Winfield: KLNA-LP 94.3, PC>27m, 33-09-37/95-05-13 Winnie: KLTO 105.3, PA from Crystal Beach, from class A to C2

Wolfforth: KAIQ 95.5, PR 100kw/206m, 33-31-03/101-51-24

#### UTAH:

Delta: KMGR 95.9, PG>293m, 39-43-58/111-56-34 Logan: KBLQ-FM 92.9, PC>100kw/63m Monticello: KAAJ-LP 103.5, PR<-52m, 37-52-43/109-20-25 North Odgen: KNKL 88.7, NW 7.3kw-V/300m, 41-35-30/112-14-57

Ogden: KKAT 101.9, simulcasting sports KFNZ-1320 Salt Lake City: KSOP-FM 104.3, PG>1140m St. George: KZBS 90.7, calls for new station

#### VERMONT:

Norwich: WNCH 88.1, PR 100w-H/1.6kw-V/689m Warren: WMRW-LP 95.1, XR 44-06-31/72-49-11

#### VIRGINIA:

Cheriton: WWIP 89.1, calls for new station Emporia: WJYA 89.3, PG>135m, 36-46-04/77-43-39 Heathsville: WCNV 89.1, calls for new station Mount Jackson: WSIG 96.9, PC>4.3kw/170m, 38-36-31/78-54-07 Susan: WSUV-LP 102.3, NW ?w/60m, 37-23-09/76-19-02

WASHINGTON:

Centralia: KMNT 102.9, PG>87kw/635m, 46-58-31/123-08-16 Olympia: KOWA-LP 106.5, XR 47-01-15/122-57-50 Decisio Reactly, KYPB LP 99, 1, PG 20/(11m, 47, 12, 07, (124))

Pacific Beach: KXPB-LP 89.1, PG ?w/71m, 47-13-07/124-12-13

Pullman: KFFR 97.7, calls for new station Tacoma: KXOT 91.7, PR>39kw

#### WEST VIRGINIA:

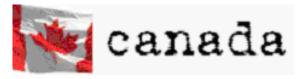
Beckley: WVPP-LP 97.9, NW ?w/40m, 37-47-35/81-12-17 Clay: WYAP-LP 101.7, PG<-60m, 38-28-32/81-05-03 Edmond: WQAZ-LP 98.5, NW ?w/123m, 38-03-23/80-59-49 Gary: WHQX 107.7, PC 8.6kw/172m Martinsburg: WLTF 97.5, PG 11.5kw/316m Martinsburg: WVEP 88.9, PR<3.5kw/484m Petersburg: WAUA 89.5, PG<322m Webster Springs: WAFD 100.3, PC>35kw

#### WISCONSIN:

Marinette: WLCJ-LP 92.5, XR 45-05-33/87-37-18 Milwaukee: WMYX-FM 99.1, NW 440w/54m, 43-02-18/87-55-16 (aux) Omro: WPKR 99.5, PC 25kw/151m, 43-49-44/88-40-06 Richland Center: WRCO-FM 100.9, PR>23kw/105m Siren: WXCX 105.7, FC to classic hits Superior: WSAD-LP 93.7, calls for new station Wausau: WCLQ 89.5, PC>90kw/185m

#### WYOMING:

Chugwater: KLWV 90.9, PG>361m Kemmerer: KAOX 107.3, PC>100kw/289m Orchard Valley: KWYC 90.3, PR<20kw/130m Rock Springs: KUWZ 90.5, PR 50kw/512m, 41-25-39/109-07-17



#### ONTARIO:

Ottawa: CKBY-FM 105.3, CC to CISS-FM



Smiths Falls: CIOX-FM 101.1, CC to CKBY-FM Toronto: CISS-FM 92.5, CC to CJAQ-FM

#### QUEBEC:

Pohenegamook: CFVD-FM-2, QG from 104.9; PG>294w Squatec: CFVD-FM-3, PG>301w

#### <u>YUKON TERRITORY:</u> Whitehorse: CKRW-1-FM, NS 380w // CKRW-AM

#### Some news and notes:

 WBZZ/Pittsburgh finally realized the stupidity of their slogan change last year from the heritage "B94" to "93-7 BZZ", changing the slogan back, but in a different form as "B93.7". They are currently being beat by CC's WKST 96.1.



- WKLL 94.9 out in New York State changed back to its K-Rock modern rock format after the sale of the stations to the owners who were going to implement the new format fell through.
- Late news: KEGL/97.1 The Eagle in Dallas was blown up by Clear Channel, to a hybrid of Philadelphia's WSNI as "Sunny 97.1", with a similar logo.



Another relatively quiet month in FM radio around the country. It's also been a tough early start to the Dxing season.. hopefully that gets better. Some skip has shown up here so far, but only on TV. Have a great beginning to the summer!

-Adam

## ATSC PRIMER IX

Doug Smith

#### **Reception limitations:**

If you haven't been under a rock, you're probably aware that the music industry (and to a lesser degree, the film industry) has been fighting a piracy epidemic. File-sharing networks on the Internet are blamed<sup>1</sup> for a sharp reduction in sales of recorded music. Program producers fear DTV will allow the unauthorized distribution of perfect digital copies of their shows, with commercials removed. This would limit their ability to sell off-network programs in syndication or directly to the public.

#### Broadcast Flag:

A proposal has been made for the establishment of a "broadcast flag". This is a burst of data that would be transmitted along with the DTV signal<sup>2</sup>. It would tell the receiver what it's allowed to do with the received program. Digital VCRs would be required to "listen to" this flag. A given program might:

Allow viewing only, VCRs would refuse to record the program.
Allow viewing and recording, but VCRs would refuse to make a copy of a recording.
Allow viewing and recording, with no limits on making copies of recordings.

There's an obvious shortcoming in this scheme. There's no way to pass the "broadcast flag" to an analog output – no way to prevent a DTV setowner from recording restricted programs on his <u>analog VCR</u>. Nor on a digital recorder<sup>3</sup> with an analog input.

The content industry has suggested plugging this "analog hole". Their proposal would require that DTV receivers refuse to output any program that has the "broadcast flag" set from any analog output. It could only be passed to <u>digital</u> outputs, to devices that would be required to honor this flag.

There are two problems with this scheme. The obvious one is that, after transition, viewers who have bought a DTV receiver to use with their existing analog display will no longer be able to view the flagged programs. They'll be forced to buy an expensive digital-input display. Knowledge of this issue will (has) slow the transition to digital, by making viewers less likely to buy a DTV tuner unless they can afford a digital display as well<sup>4</sup>.

Less obvious is the devaluation of thousands of high-definition analog displays already purchased by early adopters of DTV.

A television display is inherently analog. The brightness of a spot on the screen depends on the amount of current applied by the electron gun at that point. You don't send the number 35,178 to the picture tube and expect it to display a dot of 53.6%<sup>5</sup> brilliance. Rather, you send a current of, say, 536uA.

Most existing high-definition displays put most of the "smarts" in the tuner. The display simply accepts analog currents representing the amount of red, green, and blue at any given point, and displays them as dots of a given brilliance. These displays do <u>not</u> contain a digital input – they have no way of obeying the "broadcast flag".

Requiring DTV receivers to honor this flag, and to refuse to transmit flagged programs through any analog output, would make it impossible to watch flagged programs on existing high-definition displays. Furthermore, existing anti-piracy laws would probably make it illegal to offer an external digital-to-analog converter.

<sup>1</sup>In this author's opinion, file-sharing is only part of the reason; a slow economy, high prices, the demise of the single, and "overconsulted" music & radio that don't offer anything of interest to many would-be buyers have contributed to the decline.

<sup>2</sup>As part of the "conditional access" scheme?

<sup>3</sup>Such as TiVO.

<sup>4</sup>The price of a digital display is (very!) roughly 10 times that of a DTV tuner.

<sup>535,178/65,535 ; 65,535</sup> is the greatest number that can be represented by a 16-bit digital system.

As you might imagine, existing HDTV set owners emphatically oppose the broadcast flag. (even those – the vast majority – who have no intention of engaging in unauthorized copying) Equipment makers also oppose the flag. Presumably they fear people will continue to operate their analog equipment as long as possible – will delay purchase of digital receivers and displays – if they know they'll be restricted in what they can record.

Program producers are equally adamant about supporting this flag. CBS/Viacom has threatened<sup>6</sup> to stop carrying high-definition programming this fall if a flag was not in place. Other producers haven't taken such drastic steps, but still fully support the proposal.

A big unresolved question is that of what kind of material will be subject to the flag. Will only feature films and popular sporting events be flagged? Or will regular series like comedies and dramas be flagged as well? How much recording will be permitted?<sup>7 8</sup> It looks like this will be up to the program providers.

#### Geographic restrictions:

About the same time DTV got started, the digital "mini-dish" satellite operators began to offer network-affiliated TV to their subscribers. At first, only one or two sets of network affiliates were carried; most satellite viewers could not receive their local stations through the satellite. Because of copyright restrictions<sup>9</sup> satellite operators are only allowed to offer a network affiliate if either it's the viewer's local affiliate, or the viewer is unable to receive an affiliate of that network. This led to the need for "waivers" and submission of your ZIP code before receiving network affiliates through the dish.

It's my belief this is what started a rumor that DTV would include geographic restrictions. Some equipment salesmen have told DXers that DTV receivers would demand your ZIP code and refuse to receive any stations besides your locals. Obviously this would make DXing difficult!

There are no laws, regulations, or technical standards requiring DTV receivers to receive only your locals. In fact, the vast majority of receivers will happily display any station they see during a channel scan.

As it turns out, however, a few DTV receivers have been sold that <u>do</u> request the user's ZIP code and display only those stations that cover that code. My best guess is the manufacturers believe it's a good way to ensure the receiver gets all the stations their customers want to see<sup>10</sup>, even if those stations are not on the air during a channel scan. DXers, of course, need to avoid such receivers.

#### Conclusion:

OK, that's it. Hopefully we've adequately explained how DTV works and how the United States is transitioning from analog to digital. Please feel free to drop me a line with any further questions you might have. I don't promise an answer, but I'll sure try!

Doug Smith 1385 Old Clarksville Pike Pleasant View, TN 37146-8098 w9wi@w9wi.com

<sup>6</sup>But since withdrew the threat.

<sup>7</sup>will I be allowed to record "Law and Order", but not to make a copy of the recording? Actually, in that case if I still had only an analog VCR I wouldn't be able to record it at all because of the "analog hole".

<sup>8</sup>This is a serious concern for this author. I work evening shift – I'm only able to watch TV between roughly 8am and noon. Obviously, the programs scheduled during this period are not of much interest to men above the age of 12!

If I'm unable to record the interesting programs airing between 6 and 11pm while I'm at work, I have little or no reason to buy digital equipment.

<sup>9</sup>Broadcast TV programs are copyrighted and cannot be retransmitted without the station's permission.

<sup>10</sup>After all, unfortunately the vast majority of viewers are not DXers...



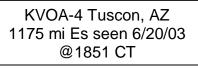
Jeff Kruszka, Editor 5024 S. Braxton Ave. Baton Rouge, LA 70817 jkruszka@bellsouth.net

June 2004

This month we have photos from me!:

Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/CM Spartan 3 #0071 preamp and RG-11 coax for UHF, Channel Master 1114 Crossfire w/CM #0040 preamp, MFC trap for 88.5 MHz, and RG-6 for VHF, both in attic @20 ft. AGL. WinTV-D card.

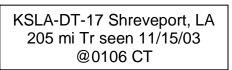






KBMT-DT-50 Beaumont, TX 180 mi Tr seen 10/22/03 @ 2136 CT





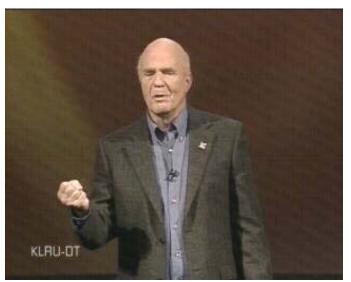




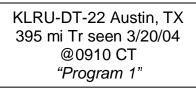
KTBS-DT-28 Shreveport, LA 205 mi Tr seen 11/14/03 @ 2341 CT *"Program 1"* 

KWTX-DT-53 Waco, TX 365 mi Tr seen 4/16/04 @2215 CT





WUPA-DT-43 Atlanta, GA 455 mi Tr seen 12/16/03 @ 0024 CT *"UPN Atlanta"* 





KFDM-6 Beaumont, TX 180 mi Tr seen 3/21/04

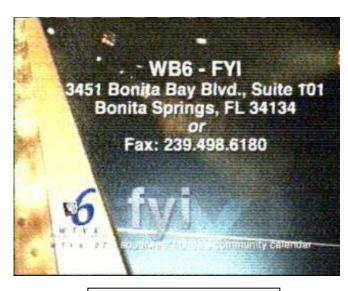
@0253 CT

WFTX-DT-35 Cape Coral, FL 620 mi Tr seen 4/10/04 @2358 CT

AL CH 36 DT 35

CO

10:00 10:00 10:00 10:00 10:00 10:00 10:00 10:0



WTVK-46 Naples, FL 645 mi Tr seen 4/11/04 @0100 CT



WJTV-DT-52 Jackson, MS 135 mi Tr seen 5/7/04 @0700 CT

## Eastern TV-DX

Matthew C. Sittel 15013 Eureux St. Bellevue, NE 68123 mcsittel@cox.net

#### June, 2004

#### Jul. 2004 column deadline: Jun. 12

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Overseas reports welcome!

Five reporters this month-that's more like it! Long-time WTFDAers will be interested to see two familiar names back in print: Les Prus and Roger Gravelle! Thanks to both of you for taking time to report. It's never too late to share your DX; it only takes a few minutes to let everyone in the club know what you've been up to and what you've been seeing. With skip season upon us now is the time to

Doug Smith, W9WI, Pleasant View, TN w9wi@earthlink.net http://www.w9wi.com <u>4/17 tr</u> 0630 W42CR 42 TN Nashville <1> 23 0600 WCFT 33 AL Tuscaloosa 223 MS Jackson, WB 40 WDBD 40 338 LA W. Monroe <2> Northport ad 0729 KARD 14 415 TX Fort Worth WKDH 45 MS Houston 212 0900 KFWD 52 630 North MS radar ID w/"DT 51" Notes: 1. Telefutura, previously logged as W59AW and W52CT. 2. Local fishing derby ad, sponsors include "K-104" (KJLO) and KTVE-10. Rick Shaftan, Sparta, NJ shaftan@earthlink.net ID or promo for WFSI 2/10 Es 1029 KPRC 2 TX Houston 1411 1405 WBRC 6 AL Birmingham 846 2/12 Es Fox 6 1301 KETS 2 AR Little Rock 1058 William McGuire, Cheverly, MD Equipment: Admiral 13" color TV. <u>2/3 Es</u> 1827 WTVR 6 VA Richmond, CBS 6 WEDU 2025 3 FL Tampa, PBS <u>5/6 tr</u> 2030 unID 3 ABC 2030 WBOC MD Salisbury, ID 16 2312 WAVY 2/3 tr 10 VA Portsmouth, logo 2100 WGAL PA Lancaster, NBC 5/7 tr 8 WTXF PA Philadelphia, Fox 29 3/2 tr 0000 29 2100 **WWBT** 12 VA Richmond, NBC 12 0927 WVIR 29 VA Charlottesville1647 2112 WVIR 29 VA Charlottesville, NBC WHYY 12 DE Wilmington, PBS 2140 WTVR VA Richmond, CBS 5/10 tr 6 0636 KYW 2200 WAVY 10 VA Portsmouth, logo 3 PA Philadelphia, logo 2040 WBOC MD Salisbury, CBS 5/10 Es 16 2220 WHYY DE Wilmington, PBS 3 1411 unID ARC 12 3/29 tr 1800 Cubavision 3 CUBA, cartoon, ID 1810 WWBT 12 VA Richmond, logo

Les Prus, Alexandria, VA

Equipment (temp setup as of 3/3/04): Toshiba CN36X81 36" HDTV & DST-3000 DTV converter w/RS UHF 100" corner reflector yagi outside on 10' mast (digital); Toshiba 14AF42 14" TV with CM 4228 8-bay bowtie in the bedroom (analog loggings).

<u>3/2-3 tr</u>

2345-0015 WVBT-DT-29 and WAVY-DT 31

0015-0130 WAVY-10. WCVE-23, WTVZ-33, WVBT-43 Norfolk, VA, unID-42 (the visual ID looked like "WKRP"), WLFL-22, WRDC-28 in Raleigh, NC.

Here's my first TV DX in a number of years; none to report for remainder of March and April, but I have been improving my DX systems in the interim.

On March 2/3, 2330-1330 EST, tropo noted to the south (Richmond and Norfolk VA, and Raleigh NC at 225 miles).

Roger Gravelle, 60 South Valerie St., St. Thomas, ON N5R A18 Canada

Equipment: 37" Electrohome 89CG01, 5' parabolic (Delhi) at 80' for UHF and Delhi 1047 for VHF at 70', separate amps on tower.

I'm back from winter in Fort Myers Beach, FL! I purchased a Samsung digital converter SIR-T351 from Circuit City. (Editor's note: Signal refers to that on the Samsung receiver's meter. I have abbreviated "Signal 8", for example, to "s8"-mcs)

<u>4/27 (</u>					2205		120			
0800		-	London	20		7-1 ABC, 7-2 Detroit weather radar				
new s	tation, low po	wer				7-3 ID WXYZ 7 & 41				
<u>5/1 tr</u>					2209	WJBK-DT 58 MI Detroit	120			
1900	WFXT-DT 2	22 PA	Erie, s8	75	2215	WKBD-DT 14 MI Detroit	120			
	big improve	ment ov	er ch. 66 for rece	ption		thru London local				
1901	WICU-DT	52 PA	Erie, s5	75	2220	WWJ-DT 44 MI Detroit	120			
	Running 100	00 watts	per John Wilcos	sie,	2230	WADL-DT 39 MI Mt. Clemens	100			
	•		was receiving st			39-2 WOKD-TV				
1930	WJET-DT	•		75	5/7 tr					
	low power		,		0700	WTVG-DT 19 OH Toledo	150			
1935	WQLN-DT	50 PA	Erie, s9	75	0800	WGTE-DT 29 OH Toledo	150			
2300	WEWS-DT 2	15 OH	Cleveland, s9	110		Suspect only, could not get local an	d ID			
2305	WJW-DT	31 OH	Cleveland, s9	110		on WTOL-DT 17, signal 3, need 4 o	or 5			
	through loca	al "City" '	Woodstock ch. 3	1		to get ID.				
2307	WUAB-DT 2	-		110	2200	WDLI-DT 39 OH Canton	150			
2308	WQHS-DT (	34 OH	Cleveland, s8	110		39-1 TBN, ID on screen				
2310	WEAO-DT 5		Akron, s5	140		39-2 "Church Channel" ID on scree	n			
5/6 tr			- ,	-		39-3 Music ID JDTV on screen				
2200	WDIV-DT	45 MI	Detroit, s9	120		TBN WWJD Santa Ana				
			eather radar 4-2,	-		39-4 "Enlace" USA Spanish languag	ae			
		•	or on Detroit		2300	WFMJ-DT 20 OH Youngstown	140			
	skyline on 4				2000		110			
		ט נוט מי	5 011 + )		I					

Comment: I hope digital tuners in televisions have better "time" performance than my converter. Lock time is way too long once a digital signal is found if near threshold of 5 signal strength.

Overall, digital TV has tremendous potential for program diversity, e.g., small community could have 5 networks on one channel and tower and be cost frugal! Lock ID is great! 73's Rog.

## WTFDA Convention 2004 Omaha, NE, Jul. 30-Aug. 1

It's not too late to make your reservations and join me and co-host Mike Hawk here in Omaha for WTFDA Convention 2004. Our host hotel is the Park Plaza Regency Lodge near 108<sup>th</sup> and Pacific in Omaha. We'll have antennas setup at the Park Plaza, and also plan on having RDS-equipped tuners and a DTV set-top box to demonstrate DXing with the latest technology. Also planned is a tour of the studios of frequent skip catch, KMTV-3. Morning meteorologist Charles (C.T.) Thongklin, WX0D, will be our tour guide. Contact Park Plaza directly at (402) 397-8000 to make your reservations. Convention registration is \$28 which includes the Saturday dinner banquet. You may send payment directly to me at the address at the start of this column. Feel free to contact me if you have any questions. I hope to see you here in Omaha next month!

## WESTERN TV DX

#### **VICTOR FRANK** 12450 SKYLINE BLVD. WOODSIDE, CA 94062-4554 Victor.frank@sri.com



Dennis Park Smith, 3605 San Remo Drive, Santa Barbara, CA 93105-2523 (805)687-7803

This report is for April 2004. Yes-as it seemed last month, it has gotten into the hot summer about a month earlier than usual (with area water and fire concerns), with some tropo (to San Diego/Tijuana up to200mi/ 320km), though not settled into a real pattern.

Apr 1-9 am:

None (upper level winds; somewhat cooler.) Apr 9 eve-13:

Poor (Quieter, somewhat stable, slightly warmer) Apr 14-23:

- None (Unstable; weather fronts, occas. Windy)
- Apr 24: Poor (Stable; warming)
- Apr 25: Fair
- Apr 26: Poor (Perhaps higher inversion?)

")

- None ( " Fair + (Temp. HOT!) Apr 27:
- Apr 28:

Apr 29-30 am: None

Apr 30 eve & early May: Variably poor to fair.

One new station was seen in Santa Barbara, starting April 9, when KCET-28 Los Angeles translator K55AP west S.B./Goleta/Santa Ynez changed from ch. 55 to ch. 28 (new call in April VUD TV News—I don't have VUD right here as I'm typing this...)

Best of DX to All. Dennis

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

	04					OT
April 20			-0			CT
6 GVV		WPXL-DT				75
tr	2214	<u>WEIQ-DT</u>	41	AL		180
	2217	WVEA	62	FL		575
8 GW	2259	WVUE-DT	29	LA		75
10 tr	0052	Austin 22,	36, 4	42, 5	54	395
	2159	WFTX	36	FL		620
	2224	WVEA	62	FL		575
		WXPX	66	FL	Pax	560
	2226	WFTT	50	FL		550
	2230	W48CN	48	FL	TBN	565
	2235	WRBW	65	FL		600
	2237	<u>W56EB</u>	56	FL	Note 1	555
	2242	WFLA-DTt	7	FL		
	2342	WFTS	28	FL		550
	2350	WFTX-DT	35	FL		620
11 tr	0039	WTVK	46	FL		645
	0047	WVEA-LP	46	FL	Note 2	555
15 tr	2200	unid 18 SS	to \	N.		
	2229	XHAB	7	ΤA		505
	2343	XHFOX	17	ΤА		535
16 tr	2007	KEDT	16	ТΧ		425

			KXAN	36	тх	395
		2010	KTBC		ТХ	395
			-	-	.,,	
		2229	KEYE	42	ТХ	395
		2231	KVDA	60	ТХ	445
		2315	<u>KUPB</u>	18	TX Univision	655
		2316	<u>KPEJ</u>	24	TX ID	670
		2336	<u>KOSA</u>	7	TX CBS 7	670
17	tr	0715	WJSP	28	GA	390
18	tr	0013	KLRT	16	AR	305
		0114	KVTH	26	AR "VTN"	295
		0646	WZTV	17	TN "Fox 17"	465
		0651	unid 59 [	DTV sy	/nc lock to NE	
23	tr	2209	unid 14 [	DTV sy	/nc lock to NE	
		2248	WRJM	67	AL	320

Note 1 – Station # 700!

Note 2 - Formerly received on ch. 61; running color bars with ID, floating over WTVK

Tropo picked up this month with some nice openings to FL and TX. WFTX-DT Cape Coral was in for an hour with zero errors (see Photo News). I've seen Midland/Odessa via tropo only once before (which I thought was probably once in a lifetime), so that was unexpected. I thought the 18 SS was a new Mexican at first, but there's nothing listed in Doug's database.

#### Matthew C. Sittel, 15013 Eureux Circle, Bellevue, NE 68123 mcsittel@cox.net http://members.cox.net/mcsittel/beltvdx.htm

Equipment: Winegard PR-9032 UHF antenna at 35', Winegard AP-4700 UHF pre-amp., Winegard PR-5030 VHF antenna at 32', Channel Master remote controlled rotor, MFC traps for channels 3, 6, 7 and 26, Hauppauge WinTV-D PCI card for HDTV.

<u>1/12 Es</u>

0648 WGRZ	2	NY	Buffalo, logo	899
<u>3/19 tr</u>				
0711 WFTC	29	MN	Minneapolis	309
0718 KSTP-DT	50	MN	St. Paul	309
0730 KLJB	18	IA	Davenport	289
<u>4/16 tr</u>				
0712 14/25/34/4	13	OK	Oklahoma City	390
0720 KSBI	52	OK	Oklahoma City	404
0720 <u>KSTR</u>	49	ТΧ	Irving, TLM, SS	594
0722 KPTS	8	KS	Hutchinson	232
0723 KFWD	52	ТΧ	Fort Worth	591
0726 KAKE	10	KS	Wichita, wx	244
0728 <u>KWTV</u>	_9	OK	Oklahoma City	393
0730 <u>KPXD</u>	68	ТΧ	Arlington, ID	591
0731 <u>KAKW</u>	_62	ТΧ	Killeen, UNI,SS	<u>726</u>
0736 KWCV	33	KS	Wichita, WB	244

0759 <u>KDTX</u> 58			591
0807 KWCV-DT31k			244
		Digital Television)	
0813 <u>KOPX-DT</u> 50			389
Text ID: (KO	PX	Digital Television)	
0820 KOZK 21	MO	Springfield,OPT	312
0823 KTXA-DT 18	ТΧ	Fort Worth	591
Text IDs: (U	PN 2	21), (Radar)	
0827 KTVT-DT 19			592
Text ID: (KT	VT-I	DT)	
0828 <u>KXTX-DT</u> 40			591
Text ID: (KX	TX-I	DT). Local KUON-D	Т
signed on 10			
0834 KXAS-DT 41			591
		-SD), (KXAS-DT)	
0836 KDFW-DT 35	ТХ	Dallas	591
Text ID: (KD			
0851 KOOD-DT 16			219
0851 KOOD 9			217
0903 KTXA 21			591
4/17 tr	17		001
<u>1957 KPXE-DT</u> 51	MO	Kansas City	161
2212 KCRG-DT 52		Cedar Rapids	226
4/26 tr			220
0713 K29EA 29	ΙΔ	Des Moines	128
0718 KCRG-DT 52		Cedar Rapids	226
0710 KCKG-DT 32 0720 KPXR-DT 47		Cedar Rapids	225
0720 KPAR-DT 47		Cedar Rapids	223
0728 KGAN-DT 51 0733 KWWL-DT55		Waterloo	224
	IA	watenoo	229
<u>5/5 tr</u> 0648 21/33		Cariacticle	240
		Springfield	312
		Columbia	240
0709 13/25	NO	Jefferson City	262

0725 18/31/34/51	MO Kansas C. DTV	156
<u>5/6 tr</u>		
0650 10/33	KS Wichita	244
0655 KPTS-8	KS Hutchinson	232
0701 KSNC-2	KS Great Bend	238
0745 9/34/43/52	OK Oklahoma City	390

April 16 was a nice opening; I was very pleased to get the DFW DTVs. KAKW-62 was a nice surprise also! Log total now stands at 740, which includes 108 DTVs. 73s Matt.

#### Michael Hawk, Omaha NE

Equipment: WINTV-D card, Channel Master 4248 @ 25' AGL, Winegard AP-4700

#### April 2004 CT

1

6	tr 0705 KFOR-DT 27 Oklahoma City	OK
	0708 KOCB 34 Oklahoma City	OK
	0714 KAUT 43 Oklahoma City	OK
	0715 KWTV-DT 39 Oklahoma City	OK
	0716 KOPX-DT 50 Oklahoma City	
	0720 <u>KDFW-DT</u> 35 Dallas	ТΧ
	0720 KSBI 52 Oklahoma City	OK
	0722 <u>KPXE-DT</u> 51 Kansas City	MO
	fairly new to air	
	0940 <u>KWWL-DT</u> 55 Waterloo	IA

Quite an opening on 4/16. There were several unID's that were likely Dallas, but I had to leave from 0730 to 0930, and missed the peak of the opening.

## **The WTFDA Mexican FM Directory**

Just in time for the 2004 E skip season, it's the 2004 Mexican FM Directory with stations sorted by frequency. If you're in range of Mexican FM skip, this 60 page directory is something you can use. The price of the directory is just \$7.00.

To order a copy of the Mexican FM Directory, send a check or money order for \$7.00 payable to Dave Janowiak and send it to **Jim Thomas**, **280 Katsura Avenue, Milliken, CO 80543.** For more information, email Jim at mrradiohead@netzero.com



#### This Month's Cover...

Is supplied by WTFDA member Paul Mitschler living in Albuquerque, NM. It's a photo of the transmitter farm on top of Sandia Crest. It looks in a way like Mount Wilson, but it's not. Perhaps one of us will hear one of these transmitters this summer. Thanks to Paul for this photo and for one we haven't published yet.





AMERICA CHANNEL - ???

GEORGE W. JENSEN 4604 ANTANNA AVE, Baltimore, MD 21206-4220 SCISATMAN@AOL.COM

Not much this month - just 1 change and a bunch of new programming possibilities. The one change is CNBC from Galaxy 5 -13 to W3 - 22

Now to the new planned services - MPEG2, Digicipher (4DTV), VC2, HDTV,

??? all to be determined at a later date. The planned services are:

SCREAM CHANNEL - speaks for itself, better than Sci-Fi, I hope

ANIME NETWORK - Japanese animation programs

CSTV - College Sports

FOX SPORTŠ DIGITAL NETWORKS ????? FUEL - FOX SPORTS ACTION SPORTS NETWORK?????

G4 - Video Gaming Network

GOLTV - Soccer games - has been testing at times

HORSERACING TV - speaks for itself NBATV - has been testing at times on G11 NFL NETWORK - football

REALITY TV - documentary and similar programs???

SI TV - Latino themed English language SORPRESA - Spanish kids channel THE SPORTSMAN CHANNEL - Hunting and

fishing THE TENNIS CHANNEL - is already testing

TV ONE - African-American network

CASINO AND GAMING TELEVISION -Speaks for itself CAREER ENTERTAINMENT TELEVISION -Work and the workplace??? EDGE TV - Gaming channel **GOSPEL MUSIC CHANNEL** HERE TV - Gay and Lesbian Themed HYPE TV - Hip Hop music THE ICE CHANNEL - skating etc. **IMAGINASIAN TV - Asian American** THE MARTIAL ARTS CHANNEL MAVTV - Sex, sports, technology and finance THE Q TELEVISION NETWORK - Gay and Lesbian Themed **REALITY CENTRAL - reruns and originals** SOUTHERN ENTERTAINMENT **TELEVISION** - Thought this was around once before STAND UP COMEDY TELEVISION THE FOOTBALL NETWORK - not the NFL VARSITY TELEVISION - currently testing on G11 WHEELS TV - Automotive programs This looks like a real 8566'/?\*&5## line-up a great programming.

That's all for this month - see you in 30. "73"s





NATIONAL RADIO CLUB 2004 CONVENTION

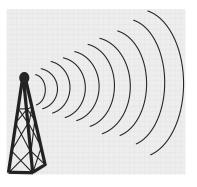
Batavia, New York

#### Labor Day weekend Sept. 2-5, 2004

The National Radio Club is holding their 2004 convention this year at the Days Inn of Batavia (Exit 48 off I-90). Make your reservations now by calling the hotel at 585-343-1440. Rooms are \$72 per night for up to four people per room.

This is the same hotel that hosted the WTFDA convention last year. There is plenty of free parking and many good, inexpensive restaurants in the area and the ramps to I-90 are just a few hundred feet away. Email Scott Fybush for more info at scott@fybush.com.





Keith McGinnis 387 Shirley Street, Winthrop, MA 02152 longwave@attbi.com 617-846-5760

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

EDITORS NOTE: PLEASE NOTE THAT ANY TYPEWRITTEN OR HANDWRITTEN REPORTS MIGHT BE DELAYED TILL A LATER ISSUE AS TIME PERMITS. ALSO PLEASE KEEP REPORTS AS RECENT AS POSSIBLE (THE LAST 3 MONTHS SHOULD WORK FINE). THANK YOU.

#### Michael Hawk, Omaha NE Equipment: Technics ST-9030, FM-10 at 25' AGL, Conrad RDS

#### April 6 2004 Tr

0729	KUQL	98.3	Wessington Spg	SD	oldies; Cool 98
0740	KPLO	94.5	Reliance	SD	C&W, lcl weather
0747	KWYR	93.7	Winner	SD	local sports
0836	K202CY	88.3	Norfolk	NE	K-Love
2003	KNLV	103.9	Ord	NE	local news

#### April 16 2004 Tr

0555	Wichita a	area 97.9	, 98.7, 106.5 noted v	very st	trong
0600	KHBZ	94.7	Oklahoma City	ΟK	The Buzz; 405 miles
0602	KDGS	93.9	Andover	KS	Power 93.9; KS #110
0605	KCVW	94.3	Kingman	KS	rel
0630	K252DA	98.3	Enid	OK	KLVV ID's
0644	KATT	100.5	Oklahoma City	OK	
0651	KHKS	106.1	Denton	ТΧ	Kiss FM; Kidd Kraddock
0915	KFWR	95.9	Mineral Wells	ТΧ	C&W lcl ads; hrd in car
0929	KLVV	88.7	Ponca City	OK	ID
0950	KJYO	102.7	Oklahoma City	OK	KJ-103; ID o/KFRX

#### <u>April 18 2004 Tr</u>

0601

KIKN

100.5

Salem

0218	WSSM	106.5	Granite City	IL	St Louis' Smooth Jazz
0220	KFUO	99.1	Clayton	MO	opera
0625	KSPQ	93.9	West Plains	MO	Q-94 Triple Play
0631	KGMY	100.5	Aurora	MO	local ads
0634	KOMT	107.5	Mountain Home	AR	MoYL
0647	KKLH	104.7	Marshfield	MO	"KLH"
0700	KOKS	89.5	Poplar Bluff	MO	rel; ID a ToH
0705	KBIY	91.3	Van Buren	MO	"Heres Help Radio Network"
0710	KASU	91.9	Jonesboro	AR	classical mx; end of "Joy" music program; ID
0715	KBIA	91.3	Columbia	MO	
0731	WSIE	88.7	Edwardsville	IL	ID
0740	WNIN	88.3	Evansville	IN	ID, mention of show on WNIN-TV, 509 miles
0810	KZLE	93.1	Batesville	AR	?? 93-1 FM; lcl ads, 448 miles
0826	KPNT	105.7	Ste Genevieve	MO	
<u>April 28</u>	<u>3 2004 Tr</u>				
0557	KEEZ	99.1	Mankato	MN	good tropo indicator station

0603	KVHT	106.3	Vermillion	SD	Mix 106.3
0613	KZPK	98.9	Paynesville	MN	Wild Country 99
0617	KKSR	96.7	Sartell	MN	Kiss 96.7
0631	KBHZ	91.9	Willmar	MN	Praise FM; #1800 logged from Omaha
0645	KCGN	101.5	Ortonville	MN	Praise FM; RDS
0651	KOLV	100.1	Olivia	MN	C&W ID
0700	KRSW	89.3	Worthington	MN	news; missing from log
0715	KKSD	104.3	Millbank	SD	Oldies 104.3
0722	KAUR	89.1	Sioux Falls	SD	Augustana College Radio; 890 watts
0730	KARL	105.1	Tracy	MN	C&W Karl Country
0750	KDJS	95.3	Willmar	MN	K-95.3
0755	KBWS	102.9	Sisseton	SD	Pheasant Country
0800	KVCF	90.5	Freeman	SD	VCY religion

#### Matthew Sittel, 15013 Eureux Circle, Bellevue, NE 68123 <u>mcsittel@cox.net</u> http://members.cox.net/mcsittel/dx.htm Equipment: Yamaha TX-900 tuner w/modified filters, Winegard PR-5030 VHF/FM antenna w/rotor at 32 feet, Conrad RDS unit, Radio Shack signal attenuator for overload problems.

<u>April 3 2004 Tr</u>

0954	KZPL	97.3	Lees Summit	МО	the Planet	158
<u>April 16</u>	<u> 32004 Tr</u>					
0756 0808 0811 0823 0828 0844 0845 0857 0922	KLVV KZSN KATT KNID KTLI KRZZ KFWR KREP KVGB	88.7 102.1 100.5 99.7 99.1 96.3 95.9 92.1 104.3	Ponca City Hutchinson Oklahoma City Alva El Dorado Derby Mineral Wells Belleville Great Bend	OK KS OK KS KS TX KS	calls Katt calls Lite 99 the Ranch KR 92 local ad 238	312 244 404 336 225 245 585 129
<u>May 6 2</u>	<u>2004 Tr</u>					
0739 0743 0744 0748 0751 0752 0800 0801 0814 0816 0817 0820	KHMY KFH KATT KVGB KCFN KXKU KCVT KHUT KBBE KNID KFDI KHBZ	93.1 98.7 100.5 104.3 91.1 106.1 92.5 102.9 96.7 99.7 101.3 94.7	Pratt Clearwater Oklahoma City Great Bend Wichita Lyons Silver Lake Hutchinson McPherson Alva Wichita Oklahoma City	KS KS KS KS KS KS KS KS KS KS KS KS KS	My 93-1 calls Katt local ad 238 RDS: "KCFN" Kix, k Life 92 FM Country102-9 local ads calls calls the Buzz	222 135

Nice to have some trops again after a long winter. Hopefully skip season will be a good one. Log total is now 901. 73s Matt.

#### Jim Renfrew, Byron NY Sansui TU-9900, UHF & FM Antennae with rotor, VHF antenna hand-steered \* = new, # = new with these calls

Ma	y 7	2004	Tr

2100	*WCMU	89.5	Mt. Pleasant	MI	"CMU"	340
------	-------	------	--------------	----	-------	-----

#### May 8 2004 Tr

0200	UNID	100.3	Pirate or low power CKRZ, all oldies, Motown, disco, no voice announcements of any kind				
May 10 2004 Tr							
1221 1230 1232 1235	WJIS WSEB WDDV *WBTP	88.1 91.3 92.1 95.7	Bradenton Englewood Venice Clearwate	FL FL FL FL	1104 1137 (PI5CF7) 1129 r (PI 8615) "The Beat" (RDS reads old calls x WSSR) 1074		
1245 1305 1310 1311 1320 1321 1740	#WAMO WYFO *WXOF WSKY WNFB UNID WMXD	106.7 91.9 96.3 97.3 94.3 93.1 92.3	Beaver Falls Lakeland Yankeetown Micanopy Lake City Detroit	PA FL FL FL MI	"WJJJ 107.1" and "WAMO 860" Moody 1059 "The Fox" 1003 tentative with Limbaugh 965 "mix" 924 "Today's New Hit Country", WKRO?		
<u>May 1</u>	<u>1 2004 Tr</u>						
0024	WQMX	94.9	Medina	OH			
<u>May 1</u>	<u>7 2004 Tr</u>						
1220 1312 1400	WOMC *CBBL CKPC	104.3 100.5 91.1	Detroit London Brantford	MI ON ON	PI 7ADA CBC2, through WVOR! new with RDS PI 2BF0		

#### Mike Bugaj – 69 Sherman Road – Enfield, CT 06082 Heard on an Onkyo T450 RDS tuner and APS13 @ 25 feet agl.

<u>April 22 2004 Tr</u>								
1550	WGMS	103.5	Washington	DC	classical, 300mi			
1555	WMGQ	98.7	Washington	DC	country Q-country			
<u>May 1</u>	<u>7 2004 Tr</u>							
0714	WTSR	102.5	Buffalo	NY	star 102.5 310mi			
0716	WNED	94.5	Buffalo	NY	classical music			
0830	CBL	94.1	Toronto	ON	classical 350 miles			
0830	CHUM	104.5	Toronto	ON	calls and Ricky Lee Jones music			

#### TRANSLATOR NEWS CONTINUED FROM PAGE 35

VT Middlebury W237BF \*95.3 (WRVT 88.7 Rutland), h,v

VT Rupert W226AL \*93.1 (WVPR), h,v

W266AK \*101.1 (WVPR), h,v.

VT South Bennington (just SW Bennington) W228BL \*93.5 (WBTN-FM 94.3 Bennington), h,v

VT Woodstock W295AL \*106.9 (WVPR), 100 w h,v

VA Front Royal W268AV 100.5 (WSIG 96.9 Mount Jackson), 250

h,v

VA Heathsville WCNV \*89.1 5000 v, 93 m, d-a, with 48% power 240-250°, Commonwealth Public Broadcasting Corporation.

VA Leesburg W282AM 104.3 (WTOP-FM 107.7 Warrenton), h,v. See also "Deletions," below.

VA Roanoke W226AM \*93.1 (KAWZ, as received via W204BH 88.7 Boones Mill), h,v

VA Winchester W239AO 95.7 (WSIG), h,v

WA Wishram K298AN \*107.5 (KZAS-LP 95.1 Hood River OR translator), h,v

WI Hudson W239AM 95.7 (KNXR 97.5 Rochester MN), 250 h,v

WI Plymouth W300AT 107.9 (WXER 104.5 Plymouth), 250 h,v

WI Ripon W269BG \*101.7 (WEMI 91.9 Appleton), h,v

WI Waupun W282AN 104.3 (WBKY 95.9 Portage), 250 h,v

VI Charlotte Amalie W224BD \*92.7 (WIVH 90.1 Christiansted), h,v

## Weak Signal Techniques

#### **BOB COOPER**

#### WHEN YOU HAVE FOUND SIGNALS

And they are several hundred metres (or even several miles) from the home or homes you wish to serve. <u>What next</u>?

Transporting one or more signals over distances to 750 metres suits simple transmission lines quite well; and the cost need not be excessive.

Beyond 750 metres (and this is hardly a fixed number) when you will serve only one or a few homes, the dollar-sensible transportation technique is through the air (as it would also be if the terrain to be covered is difficult or impossible to access). Now we are on quasi-legal ground: the use of airwaves to transport signals without RFS/Department of Commerce approval. Let's be up front about this.

The regulations prohibit the turn-on of non-licensed, non-approved transmitters. If everyone in the country fabricated and turned-on their own private transmitters, the airwaves would collapse in chaos. The major danger is that any such transmitting device will radiate signal not only on its intended frequency (a TV channel) but also, quite unintentionally and quite to the surprise of the builder, on another frequency; such as 121.500 MHz. or square in the middle of an aircraft communications band; dangerous!

UHF television channels 39-4 1 and 42 are set aside for low power television <u>broadcasting</u>. Additionally, unlicensed TV transmission (with restrictions) is permissible under certain circumstances in the region inclusive of channels 39-42, and a few channels either side of these. An example of this is the (approved) Videosender unit (sold by K Smith Electronics generating a TV signal in this region (typically pre-tuned to channel 36 when removed from the box; but channel adjustable) and sold as a wireless extender of a user's VCRTV (antenna). The measured output of this unit is in the region of 60 dBmV (100 dBuV) and it comes with an attached extendable (420 cm) whip antenna.

Other options include Radio2 (form) licensed on-channel boosters' (at radiated power levels so low [10 microwatts] as to make them marginally useful; under Part XIII of the Regulations) or going through a more complicated licensing procedure with higher power boosters'; both discussed at some length in Tech Bulletin 9303.

For many installations, conventional low-loss transmission lines are more practical as such lines can early several channels of TV simultaneously and there is little likelihood of interfering with other services operating a relatively simple cable connected remote antenna site. Fence lines (with posts in place) offer a handy way to route open-wire (ladder) line with appropriate line-mounting spacers/insulators along the way. Coaxial cable can usually be simply lefi on the ground provided there is minimal human and stock traffic in the area. See Tech Bulletin 9305 for a discussion of establishing transmission line distribution (ie., mini-cable systems) or TB9303 for calculating through-air losses in a cable-less service.

Generally speaking, all transmission lines exhibit line loss (attenuation) and the system designer looks first at the amount of signal (before and after amplification) available at the antenna site, calculates the line loss in various types of lines available over the distance required, and then determines whether there is sufficient signal available to reach the TV set(s) at the bottom without additional amplification.

Line-powered amplifiers can be placed on any type of TV transmission line and subject to certain limits of' amplifier cascading you can string kilometres of cable with properly spaced repeater amplifiers without degrading the signal quality past the point of consumer acceptance (Tech Bulletins 9303 and 9305).

#### TYPICAL CABLE LOSSES

Cable loss increases per unit of' cable length (such as over 100 metres of cable) as the frequency increases. Channel 1 TV will transport nearly twice as far in cable before amplification

is required as channel 11 TV At UHF, the difference is more dramatic as the table on page 23 illustrates.

Assume a 20 dB gain amplifier to send signal through as much cable as you can stringout. You start with 0 <u>dBmV</u> at the input to the amplifier (producing +2() dBmV at the start of the cable/wire run) and you run cable for as tar as you can go until you have returned to the 0 dBmV original level. How much cable will be possible?

A 20 dB gain masthead amplifier is easily placed at the antenna and line-power-fed even through appropriate 300-450-600/75 ohm matching transformers (with power passing built-in); thus for bands I and III the limiting factor in this hypothetical installation is the loss at band III (258 metres in 7 foam; 321 metres in 11 foam).

One (or more) line amps can also be line powered in the system to extend the total cable length permissible. But there are caveats. All line amps have cascading limits (ie., the number of' amps that can be placed in series along a line), and input levels to each amplifier following the first must be carefully adhered to within manufacturer stated parameters (to avoid undesirable modulation products developing); Tech Bulletins 9303 and 9305.

As impressive as 1 or 6 inch (line to line spacing) open wire fine appears to be in the tables on page 23 (certainly going nearly 6.3 kilometres with only 20 dB of gain going in at channel 11 is impressive!), fabricating the line (6" spaced line is not an off-the-shelf item) and properly suspending it on wooden posts without metal (such as fencing wire) near to it (to avoid coupling effects to from the nearby wires) can be a challenge. Note that 12" spaced (300 ohm) and 1" spaced (450 ohm) open wire line is off-the-shelf available .Also note the loss difference between ½" open wire (300 ohm) and 1" open wire line (450 ohm) is barely measurable if each is property designed. One danger with some of the readily available 300 or 45() ohm open wire line is that the insulating (typically plastic) spacers which are sometimes used to retain the line-to-line spacing dimension are poorly quality-controlled and improperly affixed to the twin (parallel) wires. The surest way to have problems with any open wire line is to have non-uniform line-to-line spacing along the run.

Do-it-yourself note: Quality, low loss, open wire line is unbeatable for low-loss, long transmission runs. Conversely we have seen installations where common #12 galvanized fencing wire has been stapled (!) to wooden fence posts at about inch spacing and run hundreds of metres as a quick and dirty transmission line. You match the impedances in and out of such a line by marking off the last full-wave-length (measured as the wavelength in space 'times' the velocity of propagation [factor] of the open wire line: typically .95) on each and gradually taper match the two lines to a 1/2" (300 ohm) spacing over the full wavelength (at the lowest frequency in use on the system). There must be a matching section both ends for the impedance transformation. or you will lose many (tens of) dB on the line. Note this is not a substitute for properly designed open wire line but it may work for you if you make an effort to maintain uniform (6" suggested) wire to wire spacing with the wires under tension to reduce whipping in winds. Metal posts would be a mistake since each metal post would act as a short to the lines!

#### HOW MUCH ANTENNA GAIN?

If your installation will not create a minimum of 250 microvolts (-12 dBmV48 dBuV) at the antenna output terminals <u>before</u> masthead amplification on the weakest channel to be transported, you could be using the wrong antenna system. Either you stack additional antennas of the same design to increase the gain, or you upgrade to a higher gain antenna. Here's the logic.

1) The TV receiver requires approximately 1,000 microvolts for a TASO Grade 1 picture.

2) There will be transmission line loss from the antenna to the TV.

3) Sooner or later the customer will want a second TV set outlet, which adds splitter loss to the equation.

4) You have the option of installing a 20 dB gain masthead amplifier.

#### TASO?

The basis for this grading is the signal + noise to noise ratio; abbreviated SNR. The television receiver has a noise-threshold or floor; determined by the noise figure of the TV receiver as it processes a 7 (8)MHz wide video (t audio) signal. The TASO assumption is that the typical TV set has a noise floor/threshold of -40 dBmV or 10 microvolts (abbreviated uV

here). If the noise floor is at -40 dBmV(20 dBuV), logic says an excellent quality signal which requires a 40 dB SNR will be 40 dB stronger than the noise floor; ie., 0 dBmV (1,000 uV). Which leads us to one more table.

Well now, if all it takes to have a Grade 1 picture is 0 dBmV. why can't you stick a 30 dB gain masthead amplifier on a -30dbmV antenna signal and produce an extremely high quality picture? Fair question. Signal voltage alone is not what determines picture quality. It's that ratio between noise and the signal voltage. If you start out with a noise level of -40 dBmV and a signal level of -30 dBmV, the best signal noise to noise ratio you can expect is <u>10 dB</u>. Amplifying a -30 dBmV signal by 30 dB produces 0 dBmV of signal airight. But, the same amplifier also increases the -40 dBmV noise to -10 dBmV. You began. before amplification, with a <u>SNR of 10 dB</u>. After amplification you <u>still have</u> a 10 dB SNR: only now both the signal and the noise <u>voltages</u> are 30 dB stronger! Is that the end of the story? Not quite.

Recall the TV set has its own noise figure and this translates to a noise floor or threshold. With a property engineered masthead amplifier and its careful use, you can reduce the TV receiving system (the system is the entire antenna masthead TV set configuration) noise\_figure. The -40 dBmV TV set noise floor assumed for TASO wading can be reduced by improving the TV set with a proper masthead amplifier. Recall from pages 56 in this Tech Bulletin that your customer's TV receiving system faces two noise sources; the noise generated within the system (a natural side-effect of electrons moving under voltage stimulation) and the noise coming into the system from manmade sources (electrical systems, ignition systems et al). We can reduce (but not eliminate the noise originating inside of our receiving system. The outside noise sources can be located and repaired (not always practical), phased (reduced in signal level) with appropriate antenna stacking techniques, or accepted.

Noise originating within the system can be dealt with using well accepted mathematical formulae. The results are predictable, repeatable. Noise from outside is subject to a wide variation in amplitude (level), type (ie., short pulses. a constant buzz, etc.) and resonant frequency.

#### REDUCING THE INTERNAL 'NOISE FLOOR'

Disconnect the aerial from the TV set and tune to a channel not in use in your area. The picture tube is alight with dancing black and white dots and the audio if cracked open 'hisses' at you: noise.

Now connect a masthead amplifier to the TV, but do not connect an aerial. Compare the apparent noise present with and without the masthead amp. It looks stronger; it sounds stronger, with the amp; right?

When electrons flow in a circuit, because of voltage applied, there is electron—noise. This noise is random with frequency (ie.. very broadband). The TV receiver alone has a measurable amount of internally generated noise. We'll call it the noise threshold or floor. For you to have a quality TV picture through this receiver, the ratio of signal voltage to noise voltage must approximate the SNR depicted on the TASO grading scheme. By reducing the noise threshold/floor of the TV set, you can obtain the high TASO demanded ratios of SNR with a lower amplitude TV signal voltage. That in a nutshell is the primary reason you employ a low noise (as opposed to a not-so-low-noise) masthead amplifier.

There are applications in this world for masthead amplifiers which produce voltage gain without pretext of being low noise. For example, if you are in a medium to high signal area, a not-so-low-noise masthead amplifier will increase signal voltages to allow long transmission line runs, or (if carefully used) multiple-set splitting. The amplification devices (ie., bi-polar transistors, field-effect transistors) in such not-so-low-noise mastheads differ from their low noise masthead cousins because they are for a different application. You cannot have ultra low masthead noise and, also, medium to high. masthead amplification of strong signals in the same masthead unit: the two are not compatible engineering requirements.

In selecting a masthead amplifier, then. you must be certain the unit you are choosing is intended for the job requirement. A low-noise masthead unit is not advisable in a medium to high signal area; a high gain, higher noise figure unit equally wrong in a weak signal area. (To be Continued)



### WORLDWIDE TV-FM DX ASSOCIATION 2004 Annual Convention Omaha, NE, July 30-August 1, 2004

Make plans now to attend the annual WTFDA convention, hosted this year by Matthew Sittel and Michael Hawk.

Our host location for the event is the Park Plaza Regency Lodge, located at 909 South 107<sup>th</sup> Avenue in Omaha, conveniently located one block east of the I-680 exit at Pacific Street. The hotel room rate for the convention is \$79/night for two doubles or one queen bed. This rate includes a complimentary hot breakfast with waffles made to order. All rooms feature a microwave, refrigerator, coffee maker, iron, in-room safe and radio with CD player. There is also a small business center with internet access. To make your reservations and receive the special rate, the hotel has asked that you call them directly at (402) 397-8000. *Be sure to mention WTFDA to get the \$79 rate; we have a block of rooms set aside for us at this rate!* 

We have received permission from Park Plaza to set up antennas. Feel free to bring along your favorite DX equipment and try it out-hopefully we'll have some DX! Bring along video or audio tapes and photos of your DX to share; we'll have equipment set up to share your catches.

The registration fee for the convention is \$28, which includes the Saturday night banquet on-site at the Park Plaza. You can purchase additional banquet tickets for spouses or other guests at the rate of \$24 per additional meal.

If you plan on attending, please take a moment to fill out the form below and mail it along with check or money order for fees to **Matthew Sittel**, **15013 Eureux Cir., Bellevue, NE 68123**. Registration deadline is June 30, 2004. If you have questions e-mail Matt at <u>mcsittel@cox.net</u> or Mike at <u>thisisatest22@yahoo.com</u>.

We hope to see YOU at WTFDA 2004 Omaha!

CONVENTION 2004 REGISTRATION FORM							
Name :							 
Address:							 _
E-mail:							 
	Fee	Numb	er		Total		
Registration :		\$28	х		=.		
Additional banquet t	ickets:	\$24	х		=		
Total amount enclosed (check/money order, payable to Matthew Sittel):							

## **CONVENTION 2004**

July 23-25

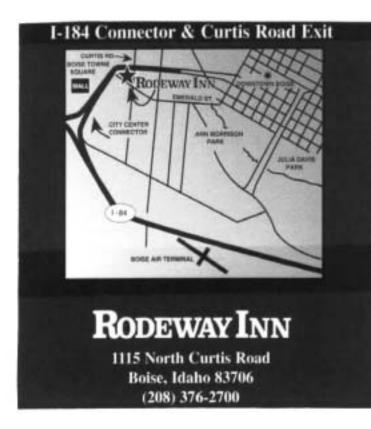
Bruce Bacon and Frank Aden will be hosting the 2004 IRCA Convention at the Rodeway INN, 1115 North Curtis Rd, Boise ID 83706 from July 23-25 2004. Room rates are \$59.95 plus 12% tax which comes to \$67.14. This rate is the same for a single, two people one bed or two people two beds. Extra person charge is \$5.00, with tax, \$5.60 and with a roll a way bed is additional \$8.00, \$8.96 with tax. This includes a continental breakfast.

Reservations can be made at 1-800-272-5003. Deadline is July 12, 2004.

Convention fee is \$25.00. Instead of having a set menu for a banquet we will have a dinner Saturday night, July 24, in the hotel restaurant where attendees can select off the regular menu.

Tentative schedule will include station studio/transmitter tours, auction, 40th Anniversary Quiz and a visit to Bonneville Point on the Oregon Trail where there have been several Beverage DXpeditions. More details are to follow.

Any items to be donated for the auction can be sent to Frank Aden, 4096 Marcia PI., Boise ID 83704. E-mail inquires can be sent to: IRCA2004@aol.com.





1964-2004

### FM TRANSLATOR NEWS

**Courtesy of Bruce Elving** 

#### New Translators Granted

Translators have less than 100 watts unless shown otherwise; technical parameters for most LPFM stations are not announced, but can be up to 100 watts at 30 meters above average terrain (horizontal, *vertical or both* h & v*)* 

- AL Alexander City W231AP \*94.1 (WJSP-FM 88.1 Warm Springs GA translator), h,v
- AL Bay Minette W266AL \*101.1 (WPAS 89.1 Pascagoula MS), h,v
- AL Brewton W262AR 100.3 (WKXK 96.7 Pine Hill AL translator), h,v
- AL Brundidge W204BG \*95.9 (WAXU 91.1 Troy), h,v
- AL Clio W243AX 96.5 (WVFJ 93.3 Manchester GA), h,v
- AL Daphne W278AP 103.5 (WJZD 94.5 Long Beach MS), h,v
- AL Demopolis W278AQ \*103.5 (WALN 89.3 Carrollton AL), h,v
- AL Gadsden W230AV \*93.9 (WYFD 91.7 Decatur), h,v
- AL Gorgas (transmits from the N.W. arm of Birmingham) W270AQ \*101.7 (WGIB 91.9 Birmingham), h,v
- AL Mobile W239AP 95.7 (WJZD), h,v
- AL Mount Jefferson (between Opelika and Valley) W221BH 92.1 (WVFJ), 250 h,v
- AL Ridge Grove (NW side of Auburn) W294AR \*106.7 (WAYW 89.9 New Johnsonville TN), h,v
- AL Robertsdale W279AT 103.7 (WJZD), h,v
- AL Union Springs W300AU \*107.9 (WJSP-FM), h,v
- AK Whale Pass (SSW Petersburg) K241AS \*96.1 (KFSK 100.9 Petersburg), 150 watts h(orizontal).
- AZ Buckeye K240DC \*95.9 (KLVA 105.5 Casa Grande), h,v
- AZ Cottonwood K273AN \*102.5 (KNAQ 89.3 Prescott), h,v K277AR 103.3 (KAFF-FM 92.9 Flagstaff), h,v
- AZ Fort Defiance K231AS 94.1 (KYVA-FM 103.7 Grants NM), h,v
- AZ Lake Havasu City \*89.3 440 watts v, -156 m, Educational Media Foundation; to be \$, gr
- AZ Prescott K291AL \*106.1 (KNAU 88.7 Flagstaff), h,v
- AZ Seligman K265DU 100.9 (KRRK 101.1 Lake Havasu City AZ), ĥ,v
- AR EI Dorado K286AQ \*105.1 (KYFL 89.5 Monroe LA), 250 h,v
- AR Magnolia K296FC \*107.1 (KBPW 88.1 Hampton), 250 h,v CA Barstow K230AO \*93.9 (KGBM 89.7 Randsburg), h,v
- K270AR \*101.9 (KWTD 91.9 Ridgecrest), h,v
- CA Baywood Park-Los Osos K229AK \*93.7 (KLVH 88.5 San Luis Obispo CA), h,v
- CA Boron K300AW 107.9 (KWXY-FM 98.5 Cathedral City), h,v
- CA Borrego Springs \*99.3 Borrego Springs Christian Center, LPFM
- CA El Paso de Robles (Paso Robles) K233AV \*94.5 (KLVH 88.5 San Luis Obispo), h,v
- CA Merced K244DV \*96.7 (KXSR 91.7 Groveland), h,v K258AU \*99.5 (KUOP 91.3 Stockton), h,v
- CA Oceanside K253AD \*98.5 (KLVJ 100.1 Julian), h,v
- CA Oroville K222AQ \*92.3 (KCHO 91.7 Chico) 250 h,v
- CA San Pasqual K245AI 96.9 (KRTM 88.9 Temecula), v
- CA Willits K273AO 102.5 (KSAY 98.5 Fort Bragg), h,v
- CO Julesburg K232DD 94.3 (KADL 102.9 Imperial NE), 250 h,v
- DE Smyrna W254AT \*98.7 (WJPH 89.9 Woodbine NJ), h,v
- FL Crystal River W265BJ \*100.9 (WYFE 88.9 Tarpon Springs), h,v
- FL Dunnellon W259AI \*99.7 (WWKQ 88.7 Clermont), h,v
- FL Inverness W280DK \*103.9 (WJIX-LP 103.1 Homossa), 170 h,v
- FL Jacksonville W223AL \*92.5 (WJLH 90.3 Flagler Beach), 250 h,v
- FL Layton W240BF \*95.9 (WAVQ 88.3 Key West), h,v
- FL Ramrod Key W285DRI \*104.9 (WAVQ 88.3 Key West), h,v
- GA Athens \*93.3 Athenstown Media Enthusiasts Association, LPFM
- GA Eastman W221BK 92.1 (WVFJ), h,v
- GA Louisville ("lewis-ville") W287AO \*105.3 (WJTG 91.3 Fort Valley), h,v
- GA McRae W221BJ 92.1 (WVFJ), h,v
- GA Milledgeville W245AN \*96.9 (WAFJ 88.3 Belvedere SC), h,v
- GA Pembroke W229AJ \*93.7 (WDCO-FM 89.7 Cochran), h,v

GA Soperton W221BI 92.1 (WVFJ), h,v GA Sparta W253AM \*88.5 (WAFJ), h,v GA Sylvania W224BE \*92.7 (WAFJ), h,v GA Washington W252BH \*98.3 (WAFJ), h,v HI Honolulu K288FB \*105.5 (KHRI 90.7 Hollister CA, received via K214CY 90.7 Mali), h,v. See also "Facilities," below. ID Eagle K247AS \*97.3 (KARJ 88.3 Kuna), h,v ID Pocatello K275AN \*102.9 (KYFO-FM 95.5 Ogden UT), h,v IL Canton W282AO \*104.3 (WVCL-LP 95.7 Galesburg), h,v IL Dahinda W264AZ \*100.7 (WVCL-LP), h,v IL Effingham W229AI 93.7 (WDZQ 95.1 Decatur), h,v IL EI Paso W234AO \*94.7 (WSOG 88.1 Spring Valley), 250 h,v IL Vienna W241AH \*96.1 (WAAJ 89.7 Benton KY), h,v IL Watseka W238AP 95.5 (WDZQ), h,v IL White Hall W227AR \*93.3 (WTSG 90.1 Carlinville), h,v IN Bloomington W276BF \*103.1 (WJLR 91.5 Seymour), h,v IN Clinton W294AQ 106.7 (WDZQ), h,v IN Roselawn W276BG \*103.1 (WAWF 88.3 Kankakee), h,v IA Algona K242BA \*96.3 (KNWC-FM 96.5 Sioux Falls SD), h,v IA Centerville K239AK \*95.7 (KAYP 89.9 Burlington), 250 h,v IA Fort Dodge K237DF \*95.3 (KBDC 88.5 Mason City), h,v IA Harlan K272DY \*102.3 (KNWC-FM), 250 h,v IA Iowa Falls K268AX \*101.5 (KBDC), h,v IA Le Mars K245AM \*96.9 (KILV 107.5 Castana), h,v IA Marshalltown K279AN \*103.7 (KNWS-FM 10.9 Waterloo), h,v IA Mason City K252DW \*98.3 (KTIS-FM 98.5 Minneapolis MN), h.v IA Mount Pleasant K271AJ \*102.1 (KAYP 89.9 Burlington), h,v IA Muscatine K277AU \*103.3 (KNWS-FM), h,v IA New Hampton K234AP \*94.7 (KNWS-FM), h,v K245AL \*96.9 (KNWS-FM), h,v IA Northwood K271AI \*102.1 (KBDC), 210 h,v IA Winterset K269ET \*101.7 (KMLV 88.1 Ralston NE), h,v KS Chanute K247AT \*97.3 (KWRI 89.1 Bartlesville OK), h,v KS Colby K291AO 106.1 (KRKU 98.5 McCook NE), 250 h,v KS Dodge City K267AM \*101.3 (89.9 Dodge City application), 250 h,v KS El Dorado K238AO \*95.5 (KCFN 91.1 Wichita), h,v KS Newton K228DY \*93.5 (KYFW 88.3 Wichita), 250 h,v KS Oberlin K225AM 92.9 (KICX 96.1 McCook), 250 h,v; K291AN 106.1 (KRKU), 250 h,v KY Benton W248AI 97.5 (WMXX 103.1 Jackson TN), h,v KY Berea W298AO 107.5 (WWAG 107.9 McKee), h,v KY Clinton W238AN \*95.5 (WAAJ), h,v KY Hickman W273AK \*102.5 (WAAJ), h,v KY Hopkinsville W268AL \*101.5 (WAAJ), h,v KY Mount Sterling W296BC 107.1 (WIOK 107.5 Falmouth KY), h.v KY Murray W243AZ 96.3 (WMXX 103.1), h,v KY Paducah W258AN \*99.5 (WTRT 88.1 Benton), h,v LA Alexandria K267AN \*101.3 (KYFL 89.5 Monroe), 250 h,v. This despite K288ER \*105.5 there, another KYFL translator, which increases to 250 watts (h,v). LA Boothville-Venice K276EQ 103.1 (WJZD), h,v LA Buras-Triumph K225AL \*92.9 (WAOY 91.7 Gulfport MS), h,v; K243AS 96.5 (WJZD), h,v LA Jonesville K232DC \*94.3 (KOUZ 89.9 Alexandria), h,v MD Ocean City W235AL 94.9 (WOLC 102.5 Princess Anne), 170 h.v MD Pocomoke City W234AR \*94.7 (WXHL-FM 89.1 Christiana DE), h,v MA Gloucester W268AM 101.5 (KBIC 105.7 Raymondville TX), h,v. Said to receive KBIC off air, which might be only during

rare skip openings. I have asked the FCC about this. Jim Bradshaw of the FCC agrees there is a problem, since KBIC is commercial. "We will contact the translator to rebroadcast another nearby station." The problem also applies to K262AT 100.3 Naples FL.

- MA Great Barrington W254AU \*98.7 (WFCR 88.5 Amherst), 250 h,v
- MA Lee W252BG \*98.3 (WFCR), h,v
- MA Pittsfield W230AU \*93.9 (WFCR), h,v
- MA Williamstown W242AT \*96.3 (WFCR), 250 h,v
- MI Boyne City W238AO 95.5 (WFDX 92.5 Atlanta MI), 250 h
- MI Bronson W223AM 92.5 (WCEN 94.5 Hemlock), h,v

MI Coldwater W246AU \*97.1 (WSAE 106.9 Spring Arbor), 120 h,v

- MI Rochester Hills W288BK \*105.5 (WAKL 88.9 Flint), h,v
- MN Bemidji K276EP \*103.1 (KFNW-FM 97.9 Fargo ND), h,v

MN Big Lake K277AS \*103.3 (KHRI 90.7 Hollister CA, received via K208DV 89.5 St. Cloud), h,v. See also "Facilities," below.

MN Blue Earth K270AQ \*101.9 (KNGA 91.5 St. Peter), 250 h,v

- MN Litchfield K277AT \*103.3 (WNCB 89.5 Duluth), 250 h,v
- MN Lynd K227AN \*93.3 (KNWC-FM), 140 h,v

MN Redwood Falls K245AK \*96.9 (KKLW 90.9 Willmar), 170 h,v

- MN Sleepy Eye K272DZ \*102.3 (WNCB), 250 h,v
- MN Virginia W265BK \*100.9 (WNCB), h,v MN Windom K245AJ \*96.9 (KBOJ 88.1 Worthington), 250 h,v
- MS Batesville W297AJ \*107.3 (WKVF 94.9 Byhalia), h,v
- MS Lucedale W227AP 93.3 (WJZD), h,v
- MS Marion W233AS \*94.5 (KLOV 89.3 Winchester OR, received via W213AV 90.5 Meridian MS), h,v
- MO Jefferson City K285FC \*104.9 (KGNV 89.9 Washington MO), 250 h.v
- MO Morrisville K227AO \*93.3 (KWND 88.3 Springfield), 210 h,v

MO Stover K286AR \*105.1 (KCRL 90.3 Sunshine Beach), 250 h,v

- MT Bozeman \*107.7 Gallatin Christian Education Station, LPFM
- MT Great Falls K281AP 104.1 (KMBR 95.5 Butte), h,v

NE Benkelman K223AQ 92.5 (KICX), 250 h,v

K291AM 106.1 (KRKU), 250 h,v

NE Imperial K282AH 104.3 (KKAS 96.5 Julesburg CO), 210 h,v

- NE McCook K221EG 92.1 (KFNF 101.1 Oberlin KS), 250 h,v
- K291AP 106.1 (KADL 102.9 Imperial), 210 h,v NE North Platte K268AY 101.5 (KICX), 250 h,v
- NV Tonopah K283AL \*104.5 (KQMC 90.1 Hawthorne), h,v
- NH Claremont W294AP \*106.7 (WKVJ 89.7 Dannemora NY), h,v
- NM Albuquerque K275AO 102.9 (KTAO 101.9 Taos), h,v

NM Artesia K289AR \*105.7 (KLYT 88.3 Albuquerque), h,v. This despite K218AK 91.5 there, another KLYT relayer.

NM Corrales K255AU 98.9 (KKIT 99.9 Angel Fire), h,v NM Cuba K224CW 92.7 (KPCL 95.7 Farmington), h,v

K260AP \*99.9 (KTGW 91.7 Fruitland NM), h,v

NM Hobbs K284AQ \*104.7 (KLYT), h,v. This despite K211CW 90.1, another KLYT relayer there.

- NM Questa K229AL \*93.7 (KLYT), 250 h,v
- NM Ruidoso Downs K234AQ \*94.7 (KMTH 98.7 Maljamar), h,v

NM Socorro \*89.5 100000 h,v; 99 m, Educational Media

- Foundation, to be \$, gr. NM Thoreau K250AI \*97.9 (KTGW), h,v

- K270AP 101.9 (KPCL), h,v NM Tucumcari K237DE \*95.3 (KRGN 102.9 Amarillo TX), h,v
- NM Williamsburg K270AS 101.9 (KNUW 95.1 Santa Clara NM), h.v
- NY Batavia W295AM \*106.9 (WZXV 99.7 Palmyra), h,v
- NY Bath W261AG 100.3 (WVIN 98.3 Bath), h,v
- NY Beacon W280DJ 105.9 (WAWZ 99.1 Zarephath NJ), h,v
- NY Carthage W262AT 100.3 (WOTT 100.7 Henderson), h,v
- NY East Hampton W262AS \*100.3 (WGRS 91.5 Guilford CT), 250 h,v
- NY Smithtown W228BI \*93.5 (WNYC-FM 93.9 New York NY), h,v
- NC Asheville W251AN \*98.1 (WNCW 88.7 Spindale NC), h,v
- NC Black Mountain W239AQ \*95.7 (WLFJ-FM 89.3 Greenville SC), h,v
- NC Burlington W224BC \*92.7 (KAWZ 89.9 Twin Falls ID, via W243AL 96.5 Browns Summit), v
- NC Liberty \*97.7 Health & Liberty, Inc., LPFM
- NC South Goldsboro W222AO 92.3 (WCLN-FM 107.3 Clinton NC), h,v
- NC Stanley WVEM-LP \*100.5, Voice of Evangelism Cathedral, Inc., LPFM. Seeks 100.7.
- NC Weaverville W231AR \*94.1 (WLFJ-FM), h,v
- ND Casselton K293AQ \*106.5 (translator of ungranted 89.3 Jamestown ND), 210 h,v

- ND Devils Lake K283AM 104.5 (KHRT-FM 106.9 Minot), 250 h.v [250 h,v
- ND Tower City K240DB \*95.9 (89.3 Jamestown),/
- ND Urbana (just W. Jamestown) K231AQ \*94.1 (89.3 Jamestown), 250 h,v
- OK Little Ponderosa K222AS \*92.3 (KJRT 88.3 Amarillo TX), 250 h.v
- OK Sand Springs K293AP \*106.5 (KWRI 89.1 Bartlesville), 210 h,v
- OK Shady Grove (west of Tulsa) K246AJ \*97.1 (KBQC 88.5 Independence KS), h,v
- PA Bloomsburg W282AP 104.3 (WKAB 103.5 Berwick), 250 h,v
- PA Butler W253AL \*98.5 (WRWJ 88.1 Murrysville), h,v
- PA Chambersburg W264AY \*100.7 (WJTL 90.3 Lancaster), h,v PA Gettysburg W291AY \*106.1 (WJTL), h,v
- PA Johnstown W263AW \*100.5 (WDUQ 90.5 Pittsburgh), h,v
- PA Kittanning W254AV \*98.7 (WPCL 97.3 Spangler), h,v
- PA Ligonier W281AI \*104.1 (WDUQ), h,v
- PA Muncy W234AQ \*94.7 (WGRC 91.3 Lewisburg), h,v
- PA New Baltimore W222AP \*92.3 (WDUQ), h,v
- PA Somerset W281AH \*104.1 (WDUQ), h,v
- PA Waynesburg W281AG (WKJL 88.1 Clarksburg WV), h,v W286AL \*105.1 (WRIJ 106.9 Masontown), h,v
- SC Charleston W234AP \*94.7 (WLPE 91.7 Augusta GA), h,v
- SC Marion W228BJ \*93.5 (WKVC 88.9 North Myrtle Beach), h,v
- SD Brookings K235AS \*94.9 (KNWC-FM), 170 h,v
- SD Mitchell K231AR \*94.1 (KNWC-FM 96.5 Sioux Falls), 250 h,v K280ER \*103.9 (KNWC-FM), 170 h,v
- SD North Sioux City (although FCC calls it in the nonexistent "North Sioux City IA"; Dale Bickel of the FCC sent map showing its transmitter is in IA, but the city is SD!) K228DZ \*93.5 (KNWC-FM), 210 h,v. Then he said he's checking with colleagues what to call its location.
- SD Rapid City K300AX 107.9 (KLMP 97.9 there), 250 h,v
- SD Watertown K223AP \*92.5 (WNCB), h,v. Seeks 91.9.
- TN Dyersburg W288BL \*105.5 (WAAJ), h,v
- TN Huntingdon W271AN \*102.1 (WTRT), h,v
- TN Jefferson City W222AN \*92.3 (WHCB 91.5 Bristol), h,v
- TN Martin W243AY \*96.5 (WVHM 90.5 Benton KY), h,v
- W273AL \*102.5 (WAAJ), h,v
- TN Paris W242AS \*96.3 (WAAJ), h,v
- W270AR \*101.9 (WTRT), h,v
- TX Austin K274AX 102.7 (KHLB 106.9 Burnet ["burn-it"]) TX h,v
- TX Eagle Pass \*98.3 Maverick County TX, LPFM
- TX Floresville K237DC 95.3 (KMFR 105.9 Hondo, as received from K279AB San Antonio), 250 v
- TX Floydada K249DU 97.7 (KNNK 100.5 Dimmitt), h,v
- TX Fredericksburg K267AO \*101.3 (KTSW 89.9 San Marcos), 250 h.v
- TX Killeen \*104.5 Metroplex Adventist Hospital, Inc., LPFM
- TX Linn (not "Lynn") \*107.1 Hidalgo County Texas, LPFM. Linn is NNE Edinburg, W. Raymondville.
- TX Meadow K264AN \*100.7 (KQRI 90.9 Lubbock), h,v
- TX Memphis K229AJ \*93.7 (KPDR 90.5 Wheeler), 100 h,v

TX Pleasanton K292FK \*106.3 (KAYK 88.5 Victoria), 250 h,v

TX San Antonio K279AB 103.7 (KMFR), v. This translator is

TX Seminole K290AN \*105.9 (KLVW 88.7 West Odessa), h,v

TX Uvalde \*95.5 Community Council of SW Texas, Inc., LPFM

UT Moab K268AV 101.5 (KWSA 100.9 Price), 250 h,v. K281AJ

(continued on page 28)

TX Thorndale K290AM \*105.9 (KNCT-FM 91.3 Killeen), h

104.1 still exists there—another KWSA translator.

VT Brattleboro W233AR \*94.5 (WVPR 89.5 Windsor), h,v

VT Burlington W227AQ 93.3 (WNCS 104.7 Montpelier), h,v

- TX Odessa K292FL \*106.3 (KFLB-FM 90.5 Odessa), h,v
- TX Perryton K222AP \*92.3 (KPDR), 100 h,v TX Plainview K222AR \*92.3 (KJRT 88.3 Amarillo), 100 watts h,v

TX Tulia K235AR \*94.9 (KJRT), 100 h,v

reinstated.

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