



(REFERENCE COPY - Not for submission)

Analog LPTV Engineering STA Application

File Number: **BSTA-20141203ABC** | Submit Date: **12/03/2014** | Call Sign: **K31MV-D** | Facility ID: **53900** | FRN:
0003799889 | State: **New Mexico** | City: **RUIDOSO, ETC.**

Service: **LPA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **12/04/2014** | Expiration Date: **06/04/2015** |

Filing Status: **InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KOAT HEARST TELEVISION INC. Applicant Doing Business As: KOAT HEARST TELEVISION INC.	C/O BROOKS, PIERCE ET AL. P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839- 0300		Other

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact
Representatives
(2)

Contact Name	Address	Phone	Email	Contact Type
GARY WILLIAMS <i>DIRECTOR OF ENGINEERING</i>	C/O BROOKS, PIERCE ET AL. P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (505) 884- 6285	GRWILLIAMS@HEARST. COM	Technical Representative
MARK J. PRAK BROOKS, PIERCE ET AL.	P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839- 0300	MPRAK@BROOKSPIERCE. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	53900	
State	New Mexico	
City	RUIDOSO, ETC.	
LPA Channel	31	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	33° 24' 14.2" N+
	Longitude	105° 46' 56.9" W-
	Structure Type	
	Overall Structure Height	57.9 meters
	Support Structure Height	
	Ground Elevation (AMSL)	3281 meters
Antenna Data	Height of Radiation Center Above Ground Level	10 meters
	Height of Radiation Center Above Mean Sea Level	3291 meters
	Effective Radiated Power	0.05 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	23501
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	PR-450U
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Frequency Offset:	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0		90		180		270	
10		100		190		280	
20		110		200		290	
30		120		210		300	
40		130		220		310	
50		140		230		320	
60		150		240		330	
70		160		250		340	
80		170		260		350	

Additional Azimuths

Degree	V _A
90	0.06
80	0.06
70	0.06
60	0.065
50	0.07
5	0.95
40	0.09

355	0.95
350	0.815
340	0.46
330	0.18
320	0.09
310	0.06
300	0.06
30	0.15
290	0.06
280	0.06
270	0.06
260	0.065
250	0.075
240	0.075
230	0.07
220	0.07
210	0.04
200	0.04
20	0.4
190	0.03
180	0.025
170	0.025
160	0.025
150	0.025
140	0.065
130	0.075
120	0.075
110	0.07
100	0.07
10	0.8
0	1

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	JORDAN M. WERTLIEB 12/03/2014

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1649143_1279414.txt</u>	Applicant	All Purpose	REQUEST FOR STA
<u>1649143_17051779.pdf</u>	Applicant	All Purpose	Viewer Emails
<u>D:\data\prod\cdbs\letters\A-1649143_F-53900_L-54783-BSTA-20141203ABC.pdf</u>	Internal	All Purpose	Requested: 12/04/14 12:08:59
<u>D:\data\prod\cdbs\letters\A-1649143_F-53900_L-54784-BSTA-20141203ABC.pdf</u>	Internal	All Purpose	Requested: 12/04/14 12:09:54