Approved by OMB (Office of Management and Budget) 3060-0386
July 2002

Federal Communications Commission

(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000049141** | Submit Date: **03/29/2018** | Call Sign: **K46KE-D** | Facility ID: **168364** | FRN: **0032111403**
State: **Idaho** | City: **COEUR D'ALENE**
Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/07/2018** | Expiration Date:
Filing Status: **InActive**

General Information

Section	Question	Response

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)?	Yes
	Total number of rule sections involved in this waiver request:	1

Application Type	Fee Code	Fee Amount
Engineering STA	MGL	$190.00
	Total	**$190.00**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MOUNTAIN LICENSES, L.P. **Applicant** Doing Business As: MOUNTAIN LICENSES, L.P.	2111 UNIVERSITY PARK DR STE 650 OKEMOS, MI 48864 United States	+1 (517) 347-4111	brady@northwestbroadcasting.com	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 (3)

Contact Name	Address	Phone	Email	Contact Type
Dennis P. Corbett P. Corbett Telecommunications Law Professionals, PLLC	1025 Connecticut Avenue NW Suite 1011 Washington, DC 20036 United States	+1 (202) 789-3115	dcorbett@telecomlawpros.com	Legal Representative
RON SWEATTE M. Davis , P.E. . Northwest Broadcasting, Inc.	KAYU TV 4600 S REGAL ST SPOKANE, WA 99223 United States	+1 (509) 448-2828	RON. SWEATTE@NORTHWESTBROADCASTING.COM	Technical Representative
RON SWEATTE SWEATTE Northwest Broadcasting, Inc.	KAYU TV 4600 S REGAL ST SPOKANE, WA 99223 United States	+1 (509) 448-2828	test@fcc.gov	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	168364	
State	Idaho	
City	COEUR D'ALENE	
LPD Channel	27	

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	47° 43' 53.6" N+
	Longitude	116° 43' 50.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	36 meters
	Support Structure Height	36 meters
	Ground Elevation (AMSL)	1244 meters
Antenna Data	Height of Radiation Center Above Ground Level	23.3 meters
	Height of Radiation Center Above Mean Sea Level	1267.3 meters
	Effective Radiated Power	0.8 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1002919
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	DLP-8M/VP
	Rotation	0 degrees
	Electrical Beam Tilt	1.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.731	**90**	0.327	**180**	0.816	**270**	0.919
10	0.637	**100**	0.262	**190**	0.890	**280**	0.937
20	0.530	**110**	0.166	**200**	0.949	**290**	0.964
30	0.406	**120**	0.150	**210**	0.987	**300**	0.990
40	0.267	**130**	0.267	**220**	1.000	**310**	1.000
50	0.150	**140**	0.406	**230**	0.990	**320**	0.987
60	0.166	**150**	0.530	**240**	0.964	**330**	0.949
70	0.262	**160**	0.637	**250**	0.937	**340**	0.890
80	0.327	**170**	0.731	**260**	0.919	**350**	0.816

Additional Azimuths

Degree	V_A
85	0.336

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.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Ron Sweatte Sweatte** *Chief Technology Officer* 03/29/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
49141.pdf	Internal	All Purpose	
K46KE-D Coeur d'Alene STA request ENG 03-29-2018.pdf	Applicant	General Information	K46KE-D STA engineering exhibits. FCC processing of this proposal is requested using a 1 km cell size and 0.2 km terrain profile increment.
K46KE-D Licensee.pdf	Applicant	All Purpose	120-day letter from 600 MHz wireless licensee
K46KE-D STA Request.PDF	Applicant	All Purpose	K46KE-D STA Request