



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000034773 | Submit Date: 11/02/2017 | Call Sign: K42FI-D | Facility ID: 129133 | FRN: 0018223693 | State: South Dakota | City: WATERTOWN

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 11/13/2017 | Expiration Date:

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)?	No
	Total number of rule sections involved in this waiver request:	

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
RED RIVER BROADCAST CO., LLC Applicant Doing Business As: RED RIVER BROADCAST CO., LLC	P.O. BOX 9115 FARGO, ND 58106 United States	+1 (701) 277- 1515	KLAU@KVRR. 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  
(1)

Contact Name	Address	Phone	Email	Contact Type
Esq Charles R. Naftalin R. Naftalin , Esq . HOLLAND & KNIGHT LLP	800 17TH STREET, N.W., SUITE #1100 WASHINGTON, DC 20006 United States	+1 (202) 457- 7161	charles. naftalin@hklaw.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	129133	
State	South Dakota	
City	WATERTOWN	
LPD Channel	28	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1042185
Coordinates (NAD83)	Latitude	44° 52' 16.0" N+
	Longitude	097° 06' 35.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	124.0 meters
	Support Structure Height	123.0 meters
	Ground Elevation (AMSL)	525.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	120 meters
	Height of Radiation Center Above Mean Sea Level	645.8 meters
	Effective Radiated Power	6.516 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1002495
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	AL80-28h
	Rotation	0 degrees
	Electrical Beam Tilt	1.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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:	Simple

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.951	90	0.602	180	0.642	270	0.82
10	0.915	100	0.608	190	0.623	280	0.871
20	0.871	110	0.623	200	0.608	290	0.915
30	0.82	120	0.642	210	0.602	300	0.951
40	0.767	130	0.659	220	0.609	310	0.978
50	0.715	140	0.672	230	0.631	320	0.994
60	0.668	150	0.676	240	0.668	330	1
70	0.631	160	0.672	250	0.715	340	0.994
80	0.609	170	0.659	260	0.767	350	0.978

Additional Azimuths

Degree	V <sub>A</sub>
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## 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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Kathy Lau Lau</b> <i>Chief Operating Officer</i>  11/02/2017

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">34773.pdf</a>	Internal	All Purpose	
<a href="#">Exhibit 1_K42FI STA Statement_54162924_1.pdf</a>	Applicant	All Purpose	Request for STA
<a href="#">Exhibit 2_K42FI STA.pdf</a>	Applicant	All Purpose	Engineering Statement