



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000064334 | Submit Date: 12/21/2018 | Call Sign: KLWB | Facility ID: 82476 | FRN: 0014881114 | State: Louisiana | City: NEW IBERIA

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 01/02/2019 | 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	MGT	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WILDERNESS COMMUNICATIONS, LLC Applicant Doing Business As: WILDERNESS COMMUNICATIONS, LLC	3501 NORTHWEST EVANGELINE THRUWAY CARENCRO, LA 70520 United States	+1 (337) 896-1600	beth@delta- network.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
(2)

Contact Name	Address	Phone	Email	Contact Type
P.E. Joseph M. Davis M. Davis , P.E. . Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650- 9600	Joseph.Davis@RF- consultants.com	Technical Representative
KATHLEEN VICTORY VICTORY FLETCHER, HEALD & HILDRETH, P.L.C.	1300 N. 17TH STREET Suite 1100 ARLINGTON, VA 22209 United States	+1 (703) 812- 0473	VICTORY@FHHLAW. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	82476
	State	Louisiana
	City	NEW IBERIA
	DTV Channel	17
	Designated Market Area	Lafayette LA
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1251823
Coordinates (NAD83)	Latitude	30° 20' 33.0" N+
	Longitude	091° 57' 46.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	312.7 meters
	Support Structure Height	294.5 meters
	Ground Elevation (AMSL)	7.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	167.6 meters
	Height of Radiation Center Above Average Terrain	166.4 meters
	Height of Radiation Center Above Mean Sea Level	174.6 meters
	Effective Radiated Power	32 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004465
Antenna Manufacturer and Model	Manufacturer:	SWR
	Model	SWDDP-1-0-0/17
	Rotation	200 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.000	90	0.049	180	0.053	270	0.049
10	0.957	100	0.062	190	0.042	280	0.059
20	0.848	110	0.076	200	0.034	290	0.125
30	0.695	120	0.085	210	0.060	300	0.228
40	0.525	130	0.090	220	0.083	310	0.365
50	0.365	140	0.083	230	0.090	320	0.525
60	0.228	150	0.060	240	0.085	330	0.695
70	0.125	160	0.034	250	0.076	340	0.848
80	0.059	170	0.042	260	0.062	350	0.957

Additional Azimuths

Degree	V _A
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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	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.	Eddie Blanchard Blanchard <i>Officer</i> 12/21/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
KLWB Interim Repack Ch-17 STA request ENG 12-21-2018.pdf	Applicant	All Purpose	KLWB STA engineering exhibits