



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000116341** | Submit Date: **06/19/2020** | Call Sign: **KLTS-TV** | Facility ID: **38591** | FRN: **0001720192** | State: **Louisiana** | City: **SHREVEPORT**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **06/29/2020** | Expiration Date:

Filing Status: **InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
LOUISIANA EDUCATIONAL TELEVISION AUTHORITY Applicant Doing Business As: LOUISIANA EDUCATIONAL TELEVISION AUTHORITY	Donald R. Ballard 7733 PERKINS RD BATON ROUGE, LA 70810 United States	+1 (225) 767-4273	dballard@lpb. org	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
(5)

Contact Name	Address	Phone	Email	Contact Type
Walter P Beaver , Mr. . <i>Technical Consultant</i> Walter P. Beaver Jr. Technical Services	Walter P Beaver Jr 1202 Jordan Drive Grand Prairie, TX 75050 United States	+1 (724) 986-0523	wbeaver6@tx.rr.com	Technical Representative
Steve Ringo Copeland Louisiana Educational Television Authority	7733 Perkins Rd Baton Rouge, LA 70810 United States	+1 (225) 252-7886	test@fcc.gov	Technical Representative
Steve Ringo Mathur Louisiana Educational Television Authority	7733 Perkins Rd Baton Rouge, LA 70810 United States	+1 (225) 252-7886	sringo@lpb.org	Technical Representative
Steve Ringo <i>Transmitter System Manger</i> Louisiana Educational Television Authority	7733 Perkins Rd Baton Rouge, LA 70810 United States	+1 (225) 252-7886	sringo@lpb.org	Technical Representative
Melodie Virtue Virtue Foster Garvey	1000 Potomac Street, N.W. Suite 200 Washington, DC 20007 United States	+1 (202) 965-1729	melodie.virtue@foster.com	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	38591
	State	Louisiana
	City	SHREVEPORT
	DTV Channel	17
	Designated Market Area	SHREVEPORT
Facility Type	Facility Type	Noncommercial Educational
	Station Type	Main
Zone	Zone	2

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1020314
Coordinates (NAD83)	Latitude	32° 40' 40.1" N+
	Longitude	093° 55' 30.7" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	329.2 meters
	Support Structure Height	306.9 meters
	Ground Elevation (AMSL)	76.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	310 meters
	Height of Radiation Center Above Average Terrain	243 meters
	Height of Radiation Center Above Mean Sea Level	386.2 meters
	Effective Radiated Power	500 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006942
Antenna Manufacturer and Model	Manufacturer:	Alive Telecom
	Model	ATC-BCSE24M-U1
	Rotation	260 degrees
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	90	.656	180	.553	270	.656
10	1	100	.571	190	.554	280	.740
20	.998	110	.496	200	.531	290	.816
30	.985	120	.447	210	.494	300	.878
40	.962	130	.434	220	.455	310	.927
50	.927	140	.455	230	.434	320	.962
60	.878	150	.494	240	.447	330	.985
70	.816	160	.531	250	.496	340	.998
80	.740	170	.554	260	.571	350	1

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.	Clarence Copeland Copeland <i>Director of Engineering</i> 06/19/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
KLTS_Channel 17_STA Coverage Map for STA Request.pdf	Applicant	General Information	Coverage map
KLTS_STA Narrative.pdf	Applicant	General Information	STA Narrative Exhibit