



(REFERENCE COPY - Not for submission)

Amendment to a DTV Engineering STA Application

File Number: 0000086671 | Submit Date: 10/31/2019 | Call Sign: WVTV | Facility ID: 74174 | FRN: 0002209260 | State: Wisconsin | City: MILWAUKEE

Service: DTV | Purpose: Engineering STA Amendment | Status: Granted | Status Date: 11/05/2019 | Expiration Date: 04/15/2020 | 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:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WVTV LICENSEE, INC. Doing Business As: WVTV LICENSEE, INC.	Harvey Arnold 10706 Beaver Dam Road Cockeysville, MD 21030 United States	+1 (410) 568-1500	harnold@sbg.tv.com	Corporation

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
Paul A. Cicelski , Esq . Lerman Senter PLLC	2001 L St. NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lermansenter. com	Legal Representative
John E. Hidle , PE . Consulting Engineer Carl T. Jones Corporation	John E. Hidle, PE 7901 Yarnwood Court Springfield, VA 22153- 2827 United States	+1 (703) 569- 7704	jhidle@ctjc.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	74174
	State	Wisconsin
	City	MILWAUKEE
	DTV Channel	27
	Designated Market Area	Milwaukee
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1045308
Coordinates (NAD83)	Latitude	43° 05' 48.0" N+
	Longitude	087° 54' 18.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	335.6 meters
	Support Structure Height	335.6 meters
	Ground Elevation (AMSL)	192.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	289.56 meters
	Height of Radiation Center Above Average Terrain	283.5 meters
	Height of Radiation Center Above Mean Sea Level	481.86 meters
	Effective Radiated Power	92.48 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005884
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16WB/VP-R C160
	Rotation	0 degrees
	Electrical Beam Tilt	0.55
	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	.890	90	.652	180	.886	270	.776
10	.842	100	.608	190	.930	280	.794
20	.773	110	.496	200	.969	290	.841
30	.667	120	.387	210	.994	300	.903
40	.526	130	.397	220	.991	310	.960
50	.399	140	.521	230	.956	320	.995
60	.387	150	.661	240	.899	330	.997
70	.495	160	.767	250	.837	340	.972
80	.608	170	.837	260	.792	350	.933

Additional Azimuths

Degree	V _A
55	.373
325	1.0
215	.996
125	.372

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.	Lucy Rutishauser CFO 10/31/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WVTV Interim CH 27 TFU-16-C160-VP-R-2.pdf</u>	Applicant	Amendment	WVTV - technical data for interim antenna - Model TFU-16WB/VP-R C160.
<u>WVTV(TV) STA Request 10.15.pdf</u>	Applicant	All Purpose	STA Narrative
<u>WVTV(TV) STA Request 10.31.pdf</u>	Applicant	General Information	STA Request Amendment 10.31