



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000100661 | Submit Date: 01/27/2020 | Call Sign: WTVZ-TV | Facility ID: 40759 | FRN: 0005020979 |

State: Virginia | City: NORFOLK

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 02/04/2020 | 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
WTVZ LICENSEE, LLC Applicant Doing Business As: WTVZ LICENSEE, LLC	Harvey Arnold 10706 BeaverDam Road Cockeysville, MD 21030 United States	+1 (410) 568- 5681	harnold@sbgvtv. 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
ESQ. Paul A. Ciccelski A. Ciccelski , ESQ. . Lerman-Senter PLLC.	Paul A. Cicelski, Esq. 2001 L St. NW. Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lermansenter. com	Legal Representative
PE John E. Hidle E. Hidle , PE . 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	40759
	State	Virginia
	City	NORFOLK
	DTV Channel	33
	Designated Market Area	Norfolk-Portsmth-Newpt Nws
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	1057874
Coordinates (NAD83)	Latitude	36° 48' 31.8" N+
	Longitude	076° 30' 11.3" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	383.7 meters
	Support Structure Height	382.5 meters
	Ground Elevation (AMSL)	7.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	299.6 meters
	Height of Radiation Center Above Average Terrain	303.6 meters
	Height of Radiation Center Above Mean Sea Level	306.6 meters
	Effective Radiated Power	830 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006317
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	SBB-EP-24C160
	Rotation	45 degrees
	Electrical Beam Tilt	0.75
	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	.982	90	.950	180	.817	270	.970
10	.978	100	.881	190	.771	280	.999
20	.972	110	.747	200	.656	290	.995
30	.966	120	.597	210	.501	300	.984
40	.958	130	.461	220	.376	310	.979
50	.952	140	.447	230	.406	320	.981
60	.953	150	.556	240	.570	330	.983
70	.965	160	.692	250	.751	340	.983
80	.972	170	.788	260	.890	350	.984

Additional Azimuths

Degree	V _A
283	1.0
224	.365
135	.434

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 Rutishauser <i>CFO</i> 01/27/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
WTVZ_STA_Request.pdf	Applicant	All Purpose	STA Request Narrative
WTVZ-TV - CH 33 - Rad Haz Compliance Statement - 1-23-2020 .pdf	Applicant	General Information	WTVZ-TV Environmental and Radio Frequency Radiation Safety Compliance Statement.
WTVZ-TV - STA antenna data 49_53461_003_SBB-EP-24C160 HP ATC Norfolk.pdf	Applicant	General Information	WTVZ-TV - antenna data and place holder.