



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000059419** | Submit Date: **09/04/2018** | Call Sign: **WNUV** | Facility ID: **7933** | FRN: **0003778909** | State:

Maryland | City: **BALTIMORE**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Dismissed** | Status Date: **09/24/2018** | 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
BALTIMORE (WNUV-TV) LICENSEE, INC. Applicant Doing Business As: BALTIMORE (WNUV-TV) LICENSEE, INC.	Lisa Asher 2000 WEST 41ST STREET BALTIMORE, MD 21211 United States	+1 (410) 662-9688	LAsher@cunninghambroadcasting.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
(4)

Contact Name	Address	Phone	Email	Contact Type
ESQ Paul A. Cicelski A. Cicelski , ESQ . Lerman Senter PLLC	Paul A. Cicelski, ESQ. 2001 L Street NW Suite 400 WASHINGTON, DC 20036 United States	+1 (202) 416-6756	pcicelski@lermansenter. com	Legal Representative
Scott R. Flick , Esq . FCC Counsel PILLSBURY WINTHROP SHAW PITTMAN LLP	1200 SEVENTEENTH STREET, NW WASHINGTON, DC 20036 United States	+1 (202) 663-8167	scott.flick@pillsburylaw. com	Legal Representative
William J. Getz Consulting Engineer Carl T. Jones Corporation	7901 Yarnwood Ct Springfield, VA 22153 United States	+1 (703) 569-7704	wgetz@ctjc.com	Technical Representative
William J. Getz E. Hidle , PE . Carl T. Jones Corporation	John E. Hidle, PE 7901 Yarnwood Ct Springfield, VA 22153 United States	+1 (703) 569-7704	wgetz@ctjc.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	7933	
State	Maryland	
City	BALTIMORE	
DTV Channel	40	
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	1044237
Coordinates (NAD83)	Latitude	39° 20' 10.4" N+
	Longitude	076° 38' 57.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	390.1 meters
	Support Structure Height	389.2 meters
	Ground Elevation (AMSL)	82.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	374.8 meters
	Height of Radiation Center Above Average Terrain	372.8 meters
	Height of Radiation Center Above Mean Sea Level	456.8 meters
	Effective Radiated Power	750 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	106798
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUD-C5SP-10/36SPH-1-B
	Rotation	0 degrees
	Electrical Beam Tilt	0.9
	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	0.602	90	0.348	180	0.925	270	0.875
10	0.53	100	0.382	190	0.825	280	0.995
20	0.418	110	0.405	200	0.904	290	0.933
30	0.305	120	0.505	210	1	300	0.824
40	0.356	130	0.597	220	0.904	310	0.901
50	0.34	140	0.592	230	0.825	320	0.975
60	0.392	150	0.659	240	0.919	330	0.887
70	0.4	160	0.851	250	0.936	340	0.693
80	0.347	170	0.971	260	0.836	350	0.592

Additional Azimuths

Degree	V _A
282	1

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.	Lisa Asher Asher <i>Secretary</i> 09/04/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
Request for Engineering STA for WNUV.pdf	Applicant	General Information	Request for Engineering STA for WNUV.
WNUV - Ch 25 - Request for STA - Technical Document - 9-4-2018.pdf	Applicant	General Information	Engineering statement in support of STA.
WNUV Minor Modification Amendment, as filed 9.4.2018.pdf	Applicant	General Information	Amended minor modification for WNUV.