



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000078483** | Submit Date: **07/23/2019** | Call Sign: **WTFX-TV** | Facility ID: **51568** | FRN: **0005795067**
State: **Pennsylvania** | City: **PHILADELPHIA**
Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/26/2019** | 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
FOX TELEVISION STATIONS, LLC Applicant Doing Business As: FOX TELEVISION STATIONS, LLC	Ann West Bobeck 400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6503	ann.bobek@fox.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
(3)**

Contact Name	Address	Phone	Email	Contact Type
Joseph M. Di Scipio West Bobeck FOX CORPORATION	Ann West Bobeck 400 NORTH CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824- 6522	joe.discipio@fox.com	Legal Representative
Joseph M. Di Scipio FOX CORPORATION	Joseph M. Di Scipio 400 NORTH CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824- 6522	joe.discipio@fox.com	Legal Representative
WILLIAM R MEINTEL R MEINTEL Meintel, Sgrignoli & Wallace, LLC	Bill Meintel PO Box 907 WARRENTON, VA 20187 United States	+1 (540) 428- 2308	william. meintel@mswdtv.com	Technical Representative

**Channel and
Facility
Information**

Section	Question	Response
Proposed Community of License	Facility ID	51568
	State	Pennsylvania
	City	PHILADELPHIA
	DTV Channel	31
	Designated Market Area	Philadelphia
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Primary station proposed to be rebroadcast:

Facility Id	Call Sign	City	State
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Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1037800
Coordinates (NAD83)	Latitude	40° 02' 26.0" N+
	Longitude	075° 14' 18.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	342.9 meters
	Support Structure Height	328.1 meters
	Ground Elevation (AMSL)	68.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	338 meters
	Height of Radiation Center Above Average Terrain	343 meters
	Height of Radiation Center Above Mean Sea Level	406.6 meters
	Effective Radiated Power	777 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Non-Directional
	Do you have an Antenna ID?	
	Antenna ID	1002525
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ATW16HS12-ETO-31H
	Rotation	0 degrees
	Electrical Beam Tilt	3.0
	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?	Yes
	Uploaded file for elevation antenna (or radiation) pattern data	ATW16HS12_ETO_31H.xml

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Ann West Bobeck West Bobeck <i>VP, FCC Legal and Business Affairs</i></p> <p>07/23/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
Engineering Statement.pdf	Applicant	General Information	Engineering Statement
ERI Antenna Preliminary Specification 20171030-157 20171031.pdf	Applicant	General Information	Antenna Data
RF Exposure Statement.pdf	Applicant	General Information	RF Exposure Statement
R&S UF35000 Derating.pdf	Applicant	General Information	ERI Letter Regarding UF35000 Mask Filter Derating
ATW16HS12_ETO_31H.xml	Applicant	Elevation Pattern	