



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000113056** | Submit Date: **05/01/2020** | Call Sign: **WBBH-TV** | Facility ID: **71085** | FRN: **0001807965**
 State: **Florida** | City: **FORT MYERS**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/05/2020** | Expiration Date: **11/04/2020**
 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)?	Yes
	Total number of rule sections involved in this waiver request:	1

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
WATERMAN BROADCASTING OF FLORIDA, LLC Doing Business As: WATERMAN BROADCASTING OF FLORIDA, LLC	Steven H. Pontius 3719 CENTRAL AVENUE FORT MYERS, FL 33901 United States	+1 (239) 939-6216	SPONTIUS@WATER.NET	Limited Liability Company

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
Donald G. Everist <i>Consulting Engineer</i> Cohen, Dippell and Everist, P. C.	1420 N St., N.W. Suite One Washington, DC 20005 United States	+1 (202) 898- 0111	cdepc@comcast.net	Technical Representative
Matthew Gaige <i>Director of Engineering</i> Waterman Broadcasting Corp.	3719 CENTRAL AVE. FT. MYERS, FL 33901 United States	+1 (239) 939- 6286	MATTG@WATER. NET	Technical Representative
Jennifer Johnson <i>Legal Counsel</i> Covington & Burling, LLP	One City Center 850 Tenth St., N.W. Washington, DC 20001 United States	+1 (202) 662- 5552	jjohnson@cov.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	71085
	State	Florida
	City	FORT MYERS
	DTV Channel	15
	Designated Market Area	Ft. Myers-Naples
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1231697
Coordinates (NAD83)	Latitude	26° 49' 22.4" N+
	Longitude	081° 45' 53.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	462.1 meters
	Support Structure Height	444.3 meters
	Ground Elevation (AMSL)	10.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	427.8 meters
	Height of Radiation Center Above Average Terrain	429.2 meters
	Height of Radiation Center Above Mean Sea Level	437.9 meters
	Effective Radiated Power	620 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006744
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-24WB-1-R C160
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	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	0.816	90	0.832	180	0.956	270	0.577
10	0.875	100	0.801	190	0.918	280	0.655
20	0.918	110	0.801	200	0.875	290	0.656
30	0.955	120	0.831	210	0.816	300	0.579
40	0.984	130	0.882	220	0.726	310	0.469
50	1.0	140	0.938	230	0.603	320	0.415
60	0.981	150	0.98	240	0.473	330	0.475
70	0.94	160	0.996	250	0.412	340	0.604
80	0.884	170	0.986	260	0.466	350	0.727

Additional Azimuths

Degree	V _A
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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>Steven H Pontius <i>Executive Vice President</i></p> <p>05/01/2020</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Justification for Engineering STA - WBBH-TV (5.1.20).pdf</u>	Applicant	All Purpose	Justification for Engineering STA
<u>Waiver Request WBBH-TV (5.1.20).pdf</u>	Applicant	Fees, Waivers and Exemptions	REQUEST FOR WAIVER