



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000071375** | Submit Date: **04/10/2019** | Call Sign: **WHDT** | Facility ID: **83929** | FRN: **0002710192** | State: **Florida** | City: **STUART**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **04/12/2019** | Expiration Date: **10/11/2019**
 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
SCRIPPS BROADCASTING HOLDINGS LLC	David Giles 312 Walnut Street 28th Floor Cincinnati, FL 45202 United States	+1 (513) 977-3000	DAVE.GILES@SCRIPPS.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
KENNETH C. HOWARD , JR . BAKER & HOSTETLER LLP	1050 CONNECTICUT AVENUE SUITE 1000 WASHINGTON, DC 20036 United States	+1 (202) 861- 1580	KHOWARD@BAKERLAW. COM	Legal Representative
BENJMAIN L. PIDEK , P.E . <i>Technical Consultant</i> MID-STATE CONSULTANTS	6197 MILLER RD., SUITE 1 SWARTZ CREEK, MI 48473 United States	+1 (810) 226- 0750	BPIDEK@MSCON.COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	83929	
State	Florida	
City	STUART	
DTV Channel	34	
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	1028084
Coordinates (NAD83)	Latitude	26° 34' 30.7" N+
	Longitude	080° 14' 31.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	467.0 meters
	Support Structure Height	466.0 meters
	Ground Elevation (AMSL)	5.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	439 meters
	Height of Radiation Center Above Average Terrain	440 meters
	Height of Radiation Center Above Mean Sea Level	444.2 meters
	Effective Radiated Power	153.7 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004815
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUA-SP4-12/48H-1-S-R
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	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	1.0	90	0.288	180	1.0	270	0.288
10	0.952	100	0.252	190	0.952	280	0.252
20	0.827	110	0.150	200	0.827	290	0.150
30	0.747	120	0.251	210	0.747	300	0.251
40	0.708	130	0.536	220	0.708	310	0.536
50	0.513	140	0.696	230	0.513	320	0.696
60	0.221	150	0.738	240	0.221	330	0.738
70	0.131	160	0.824	250	0.131	340	0.824
80	0.247	170	0.951	260	0.247	350	0.951

Additional Azimuths

Degree	V _A
68	0.119
66	0.119
248	0.119
247	0.119

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>Ray Thurber <i>Vice President / Engineering</i></p> <p>04/10/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
FCC Antenna Pattern Data - WHDT Ch. 34.pdf	Applicant	All Purpose	WHDT Ch. 34 Antenna Pattern Data
WHDT STA EngSta 4-10-19.pdf	Applicant	General Information	Explanation for STA Request