



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000118343 | Submit Date: 07/23/2020 | Call Sign: WMAR-TV | Facility ID: 59442 | FRN: 0002710192 |

State: Maryland | City: BALTIMORE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 08/03/2020 | 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
SCRIPPS BROADCASTING HOLDINGS LLC Applicant Doing Business As: SCRIPPS BROADCASTING HOLDINGS LLC	David Giles C/O SCRIPPS MEDIA, INC. 312 WALNUT ST., 28TH FLOOR CINCINNATI, OH 45202 United States	+1 (513) 977-3000	DAVE. GILES@SCRIPPS. 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
JR KENNETH C. HOWARD C. HOWARD , JR . BAKER & HOSTETLER LLP	1050 CONNECTICUT AVENUE, NW SUITE 1100 WASHINGTON, DC 20036 United States	+1 (202) 861-1580	KHOWARD@BAKERLAW. COM	Legal Representative
BENJAMIN PIDEK, P.E. PIDEK, P.E. 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
Proposed Community of License	Facility ID	59442
	State	Maryland
	City	BALTIMORE
	DTV Channel	27
	Designated Market Area	Baltimore
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	1035558
Coordinates (NAD83)	Latitude	39° 20' 05.0" N+
	Longitude	076° 39' 02.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	304.0 meters
	Support Structure Height	271.0 meters
	Ground Elevation (AMSL)	97.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	248.4 meters
	Height of Radiation Center Above Average Terrain	260.5 meters
	Height of Radiation Center Above Mean Sea Level	345.4 meters
	Effective Radiated Power	250.0 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007117
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-8WB-R C160
	Rotation	110.0 degrees
	Electrical Beam Tilt	1.0
	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	0.776	90	0.890	180	0.652	270	0.886
10	0.794	100	0.842	190	0.608	280	0.930
20	0.841	110	0.773	200	0.496	290	0.969
30	0.903	120	0.667	210	0.387	300	0.994
40	0.960	130	0.526	220	0.397	310	0.991
50	0.995	140	0.399	230	0.521	320	0.956
60	0.997	150	0.387	240	0.661	330	0.899
70	0.972	160	0.495	250	0.767	340	0.837
80	0.933	170	0.608	260	0.837	350	0.792

Additional Azimuths

Degree	V <sub>A</sub>
55	1.0

## 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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Ray Thurber Thurber</b> <i>Vice President/Engineering</i>  07/23/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WMAR Ch. 27 STA EngSta 7-22-20.pdf</u>	Applicant	General Information	Explanation for STA Request