



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000081791 | Submit Date: 09/20/2019 | Call Sign: WTMJ-TV | Facility ID: 74098 | FRN: 0002710192 |

State: Wisconsin | City: MILWAUKEE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 09/24/2019 | 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
SCRIPPS BROADCASTING HOLDINGS LLC Applicant Doing Business As: SCRIPPS BROADCASTING HOLDINGS LLC	David Giles 312 WALNUT STREET 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
(3)

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
PE Benjamin Pidek Pidek , PE . Mid-State Consultants	6197 Miller Rd., Suite 1 Swartz Creek, MI 48473 United States	+1 (810) 226-0750	test@fcc.gov	Technical Representative
PE Benjamin Pidek P. Stype , III . Mid-State Consultants	PO Box 807 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	74098
	State	Wisconsin
	City	MILWAUKEE
	DTV Channel	28
	Designated Market Area	Milwaukee
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	1034393
Coordinates (NAD83)	Latitude	43° 05' 29.0" N+
	Longitude	087° 54' 07.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	334.1 meters
	Support Structure Height	307.5 meters
	Ground Elevation (AMSL)	193.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	178.3 meters
	Height of Radiation Center Above Average Terrain	163.2 meters
	Height of Radiation Center Above Mean Sea Level	372.2 meters
	Effective Radiated Power	740 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005578
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-24WB C160
	Rotation	330 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	0.842	90	0.640	180	0.840	270	0.971
10	0.788	100	0.609	190	0.882	280	0.976
20	0.713	110	0.531	200	0.920	290	0.988
30	0.612	120	0.450	210	0.956	300	0.998
40	0.504	130	0.433	220	0.984	310	0.998
50	0.435	140	0.503	230	0.998	320	0.984
60	0.452	150	0.611	240	0.998	330	0.956
70	0.533	160	0.711	250	0.987	340	0.921
80	0.610	170	0.786	260	0.976	350	0.883

Additional Azimuths

Degree	V _A
305	1.000
235	1.000

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.	Ray Thurber Thurber <i>Vice President/Engineering</i> 09/20/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WTMJ Reason for STA Exhibit.pdf</u>	Applicant	General Information	Reason For STA
<u>wtmj-tv_aux_antenna_data.pdf</u>	Applicant	General Information	Antenna data