



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000072841 | Submit Date: 05/16/2019 | Call Sign: KMTV-TV | Facility ID: 35190 | FRN: 0002710192 |

State: Nebraska | City: OMAHA

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 05/21/2019 | 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
III Roy P Stype Pidek , P.E . Carl E. Smith Consulting Engineers	2324 North Cleveland- Massillon Road Bath, OH 44210 United States	+1 (330) 659-4440	test@fcc.gov	Technical Representative
III Roy P Stype P Stype , III . Carl E. Smith Consulting Engineers	PO Box 807 Bath, OH 44210 United States	+1 (330) 659-4440	rstype@aol.com	Technical Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	35190
	State	Nebraska
	City	OMAHA
	DTV Channel	45
	Designated Market Area	Omaha
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1025131
Coordinates (NAD83)	Latitude	41° 18' 24.6" N+
	Longitude	096° 01' 37.7" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	410.2 meters
	Support Structure Height	377.6 meters
	Ground Elevation (AMSL)	366.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	182.9 meters
	Height of Radiation Center Above Average Terrain	205.2 meters
	Height of Radiation Center Above Mean Sea Level	549.3 meters
	Effective Radiated Power	497 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005011
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-24WB-1 C160
	Rotation	180 degrees
	Electrical Beam Tilt	0.50
	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	0.926	90	0.848	180	0.582	270	0.842
10	0.917	100	0.807	190	0.521	280	0.899
20	0.904	110	0.761	200	0.370	290	0.960
30	0.916	120	0.677	210	0.251	300	0.996
40	0.953	130	0.536	220	0.351	310	0.993
50	0.988	140	0.355	230	0.531	320	0.957
60	0.990	150	0.253	240	0.669	330	0.918
70	0.955	160	0.370	250	0.751	340	0.905
80	0.900	170	0.521	260	0.798	350	0.917

Additional Azimuths

Degree	V <sub>A</sub>
56	0.994
304	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>  05/16/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>KMTV STA EngSta 5-15-19.pdf</u>	Applicant	General Information	Explanation for STA Request