



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000059104 | Submit Date: 08/22/2018 | Call Sign: KMEG | Facility ID: 39665 | FRN: 0004957650 | State: Iowa | City: SIOUX CITY

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 08/24/2018 | 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	\$190.00
Total		\$190.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WAITT BROADCASTING, INC. Applicant Doing Business As: WAITT BROADCASTING, INC.	John Schuele, Chief Operating Officer 1125 SOUTH 103RD STREET SUITE 425 OMAHA, NE 68124 United States	+1 (402) 697-8000	john@waittcompany.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
<b>Esq Lawrence Bernstein Bernstein , Esq .</b> Law Offices of Lawrence Bernstein	3510 Springland LN NW Washington, DC 20008 United States	+1 (202) 296- 1800	lawberns@verizon. net	Legal Representative
<b>Esq Lawrence Bernstein Cicelski , Esq .</b> Law Offices of Lawrence Bernstein	3510 Springland LN NW Washington, DC 20008 United States	+1 (202) 296- 1800	test@fcc.gov	Legal Representative
<b>Carl E Gluck E Gluck</b> Carl T. Jones Corp	Carl Gluck Carl Gluck c/o Carl T Jones Corp 7901 Yarnwood Court Springfield, VA 22153 United States	+1 (703) 569- 7704	cgluck@ctjc.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	39665
	State	Iowa
	City	SIOUX CITY
	DTV Channel	39
	Designated Market Area	Sioux City
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	1057963
Coordinates (NAD83)	Latitude	42° 35' 12.0" N+
	Longitude	096° 13' 19.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	605.9 meters
	Support Structure Height	563.0 meters
	Ground Elevation (AMSL)	406.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	500.5 meters
	Height of Radiation Center Above Average Terrain	515 meters
	Height of Radiation Center Above Mean Sea Level	906.8 meters
	Effective Radiated Power	320 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004042
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-24WB VP-R C160
	Rotation	176 degrees
	Electrical Beam Tilt	0.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	0.971	90	0.842	180	0.640	270	0.840
10	0.976	100	0.788	190	0.609	280	0.882
20	0.988	110	0.713	200	0.531	290	0.920
30	0.998	120	0.612	210	0.450	300	0.956
40	0.998	130	0.504	220	0.433	310	0.984
50	0.984	140	0.435	230	0.503	320	0.998
60	0.956	150	0.452	240	0.611	330	0.998
70	0.921	160	0.533	250	0.711	340	0.987
80	0.883	170	0.610	260	0.786	350	0.976

Additional Azimuths

Degree	V <sub>A</sub>
35	1.000
325	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	<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>John S Schuele S Schuele</b> <i>Chief Operating Officer</i>  08/22/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KMEG 39 Engineering Statement.pdf</a>	Applicant	General Information	KMEG 39 STA Engineering Statement
<a href="#">KMEG 39 STA 320K 907C.pdf</a>	Applicant	General Information	KMEG 39 STA TVStudy Interference Check
<a href="#">KMEG Worst-Case Less Than 5% Radiofrequency Statement.pdf</a>	Applicant	All Purpose	STA EPA RFR Statement