



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000068531 | Submit Date: 03/15/2019 | Call Sign: KSMO-TV | Facility ID: 33336 | FRN: 0018223693 |

State: Missouri | City: KANSAS CITY

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 03/26/2019 | 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
MEREDITH CORPORATION Applicant Doing Business As: MEREDITH CORPORATION	Joshua Pila 1716 LOCUST STREET DES MOINES, IA 50309 United States	+1 (515) 284-3000	RegAffairs@meredith.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
Larence K. Oaks R duTreil , Jr . Meredith Corporation	9463 Brady street Spring Hill, FL 34608 United States	+1 (515) 284- 2528	test@fcc.gov	Technical Representative
Larence K. Oaks K. Oaks Meredith Corporation	Larence Oaks 9463 Brady street Spring Hill, FL 34608 United States	+1 (515) 284- 2528	larry.oaks@meredith. com	Technical Representative
Joshua N. Pila N. Pila Meredith Corporation	425 14th Street NW Atlanta, GA 30318 United States	+1 (404) 327- 3286	RegAffairs@meredith. com	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	33336
	State	Missouri
	City	KANSAS CITY
	DTV Channel	47
	Designated Market Area	Kansas 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	1211744
Coordinates (NAD83)	Latitude	39° 05' 25.8" N+
	Longitude	094° 28' 19.2" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	356.0 meters
	Support Structure Height	320.3 meters
	Ground Elevation (AMSL)	268.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	224 meters
	Height of Radiation Center Above Average Terrain	234 meters
	Height of Radiation Center Above Mean Sea Level	492.5 meters
	Effective Radiated Power	247.6 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004745
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-8WB-1-R C160
	Rotation	270 degrees
	Electrical Beam Tilt	1.05
	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	.971	90	.842	180	.64	270	.84
10	.976	100	.788	190	.609	280	.882
20	.988	110	.713	200	.531	290	.92
30	.998	120	.612	210	.45	300	.956
40	.998	130	.504	220	.433	310	.984
50	.984	140	.435	230	.503	320	.998
60	.956	150	.452	240	.611	330	.998
70	.921	160	.533	250	.711	340	.987
80	.883	170	.61	260	.786	350	.976

Additional Azimuths

Degree	V _A
35	1
325	1

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.	Patrick McCreery McCreery <i>President- Local Media Group</i> 03/15/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
KSMO 47 STA Antenna Information.pdf	Applicant	All Purpose	ANTENNA INFORMATION
KSMO 47 STA Coverage Map.pdf	Applicant	All Purpose	PREDICTED COVERAGE CONTOURS
KSMO 47 STA RF Hazard Statement.pdf	Applicant	All Purpose	RF HAZARD STATEMENT
KSMO 47 STA Technical Summary.pdf	Applicant	General Information	TECHNICAL SUMMARY
STA Exhibit.pdf	Applicant	General Information	Request for STA