



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000108260** | Submit Date: **03/18/2020** | Call Sign: **WMDT** | Facility ID: **16455** | FRN: **0011284973** | State: **Maryland** | City: **SALISBURY**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **04/29/2020** | 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
MARQUEE BROADCASTING INC. Applicant Doing Business As: MARQUEE BROADCASTING INC.	Patricia R Lane 4400 BROOKEVILLE ROAD BROOKEVILLE, MD 20833 United States	+1 (301) 661-9610	patricia_lane@marqueebroadcasting.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
Daniel Kirkpatrick Kirkpatrick Fletcher, Heald & Hildreth	Daniel Kirkpatrick 1300 N. 17th Street Suite 1100 Arlington, VA 22209 United States	+1 (703) 967- 1922	kirkpatrick@fhhlaw. com	Legal 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	16455
	State	Maryland
	City	SALISBURY
	DTV Channel	29
	Designated Market Area	Salisbury
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	1043201
Coordinates (NAD83)	Latitude	38° 30' 06.4" N+
	Longitude	075° 44' 07.4" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	310.0 meters
	Support Structure Height	299.0 meters
	Ground Elevation (AMSL)	7.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	205.7 meters
	Height of Radiation Center Above Average Terrain	201.1 meters
	Height of Radiation Center Above Mean Sea Level	311.6 meters
	Effective Radiated Power	320.0 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006568
Antenna Manufacturer and Model	Manufacturer:	SWR
	Model	SWCDS16EC/29
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	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	0.733	90	0.905	180	1.000	270	0.207
10	0.854	100	0.900	190	0.987	280	0.232
20	0.940	110	0.899	200	0.940	290	0.245
30	0.987	120	0.900	210	0.854	300	0.232
40	1.000	130	0.905	220	0.733	310	0.207
50	0.988	140	0.917	230	0.588	320	0.218
60	0.963	150	0.936	240	0.437	330	0.302
70	0.936	160	0.963	250	0.302	340	0.437
80	0.917	170	0.988	260	0.218	350	0.588

Additional Azimuths

Degree	V <sub>A</sub>
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## 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>Patricia R Lane R Lane</b> <i>President</i>  03/18/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">wmdt_antenna_info.pdf</a>	Applicant	General Information	Antenna information
<a href="#">wmdt_sta_exhibit.pdf</a>	Applicant	General Information	Purpose of STA