



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000107114** | Submit Date: **03/04/2020** | Call Sign: **WWMB** | Facility ID: **3133** | FRN: **0023159734** | State: **South Carolina** | City: **FLORENCE**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/12/2020** | 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
HSH MYRTLE BEACH (WWMB) LICENSEE, LLC	201 MASSACHUSETTS AVENUE, NE Suite C-1 WASHINGTON, DC 20002 United States	+1 (202) 546-5400	cmmay@maylawoffices. com	Limited Liability Company

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
John E. Hidle , PE . <i>Consulting Engineer</i> Carl T. Jones corporation	John E. Hidle, PE 7901 Yarnwood Court Springfield, VA 22153-2827 United States	+1 (703) 569- 7704	jhidle@ctjc.com	Technical Representative
Colby M. May , Esq . <i>Attorney</i> COLBY M. MAY, ESQ., P.C.	PO Box 15473 WASHINGTON, DC 20003 United States	+1 (202) 544- 5171	cmmay@maylawoffices. com	Legal Representative
Clyde Vanel <i>Attorney</i> HSH	Clyde Vanel 201 Massachusetts Avenue NE, Suite C-1 Washington, DC 20002 United States	+1 (202) 546- 5400	clydevanel@vanellaw. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	3133
	State	South Carolina
	City	FLORENCE
	DTV Channel	26
	Designated Market Area	Myrtle Beach-Florence
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Primary station proposed to be rebroadcast:

Facility Id	Call Sign	City	State
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Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1024373
Coordinates (NAD83)	Latitude	34° 22' 03.0" N+
	Longitude	079° 19' 48.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	609.6 meters
	Support Structure Height	585.6 meters
	Ground Elevation (AMSL)	32.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	579 meters
	Height of Radiation Center Above Average Terrain	581 meters
	Height of Radiation Center Above Mean Sea Level	611.6 meters
	Effective Radiated Power	317.8 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1002255
Antenna Manufacturer and Model	Manufacturer:	DIELECTRIC
	Model	TFU-30DSC/VP-R 3BP260
	Rotation	0 degrees
	Electrical Beam Tilt	0.7
	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	0.299	90	0.215	180	0.647	270	0.96
10	0.358	100	0.259	190	0.472	280	0.999
20	0.41	110	0.399	200	0.369	290	0.936
30	0.441	120	0.594	210	0.346	300	0.789
40	0.441	130	0.789	220	0.346	310	0.594
50	0.41	140	0.936	230	0.369	320	0.399
60	0.358	150	0.999	240	0.472	330	0.259
70	0.299	160	0.96	250	0.647	340	0.215
80	0.246	170	0.831	260	0.831	350	0.246

Additional Azimuths

Degree	V _A
279	1
151	1

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Armstrong P Williams <i>Managing Member</i></p> <p>03/04/2020</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WWMB - CH 26 - Rad Haz Compliance Statement - 3-4-2020 .pdf</u>	Applicant	General Information	WWMB - Environmental and Radio Frequency Radiation Safety Compliance Showing.
<u>WWMB - Ch 26 - STA Request Technical Statement - 3-4-2020-A1.pdf</u>	Applicant	General Information	WWMB - STA Request Technical Statement - 3-4-2020
<u>WWMB - STA Antenna Exhibits - 3-4-2020 .pdf</u>	Applicant	General Information	WWMB - Antenna Exhibits for authorized antenna - Dielectric model TFU-30DSC/VP-R 3BP260.