



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **BDSTA-20150403AAI** | Submit Date: **04/03/2015** | Call Sign: **WFFP-TV** | Facility ID: **15507** | FRN:
0023005150 | State: **Virginia** | City: **DANVILLE**
Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **04/07/2015** | Expiration Date: **10/07/2015** |
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)?	
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MORNING STAR BROADCASTING, LLC Applicant Doing Business As: MORNING STAR BROADCASTING, LLC	1971 UNIVERSITY BOULEVARD LYNCHBURG, VA 24515 United States	+1 (434) 592-6868	RSMITH108@LIBERTY. EDU.	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
CLARENCE M BEVERAGE <i>BROADCAST ENGINEERING CONSULTANT</i>	COMMUNICATIONS TECHNOLOGIES, INC. P.O. BOX 1130 MARLTON, NJ 08053 United States	+1 (856) 985-0077	CBEVERAGE@COMMTECHRF. COM	Technical Representative
HARRY C. MARTIN FLETCHER, HEALD & HILDRETH, PLC	1300 NORTH 17TH STREET 11TH FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812-0415	MARTIN@FHHLAW.COM	Legal Representative

**Channel and
Facility
Information**

Section	Question	Response
Proposed Community of License	Facility ID	15507
	State	Virginia
	City	DANVILLE
	DTV Channel	24
	Designated Market Area	Roanoke-Lynchburg
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?	No
	ASR Number	
Coordinates (NAD83)	Latitude	37° 00' 37.5" N+
	Longitude	079° 34' 16.1" W-
	Structure Type	
	Overall Structure Height	55.8 meters
	Support Structure Height	
	Ground Elevation (AMSL)	597.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	50.9 meters
	Height of Radiation Center Above Average Terrain	378 meters
	Height of Radiation Center Above Mean Sea Level	648.6 meters
	Effective Radiated Power	43 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	121180
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ALP-12-24-PM
	Rotation	0 degrees
	Electrical Beam Tilt	-1.25
	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	0.741	90	0.667	180	0.619	270	0.988
10	0.69	100	0.675	190	0.648	280	0.998
20	0.648	110	0.675	200	0.69	290	0.998
30	0.619	120	0.667	210	0.74	300	0.988
40	0.604	130	0.651	220	0.793	310	0.966
50	0.604	140	0.632	230	0.846	320	0.935
60	0.615	150	0.615	240	0.894	330	0.894
70	0.632	160	0.604	250	0.935	340	0.846
80	0.651	170	0.604	260	0.966	350	0.794

Additional Azimuths

Degree	V _A
285	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>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>RONALD S. GODWIN</p> <p>04/03/2015</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
1675463_1298524.txt	Applicant	All Purpose	EXTRAORDINARY CIRCUMSTANCES
1675463_18378633.pdf	Applicant	All Purpose	WFFP-TV ERI ANTENNA DATA
1675463_18378722.pdf	Applicant	All Purpose	WFFP-TV CONTOUR MAPPING
D:\data\prod\cdbs\letters\57\A-1675463_F-15507_L-57457-BDSTA-20150403AAI.pdf	Internal	All Purpose	imported letter