



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000072426** | Submit Date: **05/07/2019** | Call Sign: **WBOC-TV** | Facility ID: **71218** | FRN: **0002210490**  
 State: **Maryland** | City: **SALISBURY**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **05/14/2019** | Expiration Date: **08/02/2019**  
 Filing Status: **InActive**

**General Information**

Section	Question	Response
---------	----------	----------

**Fees, Waivers, and Exemptions**

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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
<b>Total</b>		<b>\$200.00</b>

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>WBOC, INC.</b> Doing Business As: WBOC, INC.	Craig Jahelka 1729 NORTH SALISBURY BLVD. SALISBURY, MD 21801 United States	+1 (443) 880- 9090	CJAHNELKA@WBOC. COM	Corporation

---

**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>Christina H Burrow</b> <i>Legal Counsel</i> Cooley LLP	Christina H. Burrow 1299 Pennsylvania Avenue, NW Suite 700 Washington, DC 20004 United States	+1 (202) 776- 2687	cburrow@cooley.com	Legal Representative
<b>Joseph M. Davis , P.E. .</b> <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650- 9600	Joseph.Davis@RF- consultants.com	Technical Representative
<b>Robert Guzman</b> <i>Director of Engineering</i> WBOC, INC.	Robert Guzman 1729 NORTH SALISBURY BLVD. SALISBURY, MD 21801 United States	+1 (443) 880- 9201	rguzman@wboc.com	Technical Representative

**Channel and Facility Information**

Section	Question	Response
<b>Proposed Community of License</b>	Facility ID	71218
	State	Maryland
	City	SALISBURY
	DTV Channel	21
	Designated Market Area	Salisbury
<b>Facility Type</b>	Facility Type	Commercial
	Station Type	Main
<b>Zone</b>	Zone	1

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1301089
<b>Coordinates (NAD83)</b>	Latitude	38° 30' 18.0" N+
	Longitude	075° 38' 36.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	305.4 meters
	Support Structure Height	271.3 meters
	Ground Elevation (AMSL)	14.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	199.9 meters
	Height of Radiation Center Above Average Terrain	204.5 meters
	Height of Radiation Center Above Mean Sea Level	213.9 meters
	Effective Radiated Power	200 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004980
<b>Antenna Manufacturer and Model</b>	Manufacturer:	DIE
	Model	TUA-P2SP-8/20M
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation Pattern</b>	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	0.984	90	0.470	180	0.983	270	0.320
10	0.857	100	0.377	190	0.864	280	0.234
20	0.652	110	0.417	200	0.672	290	0.298
30	0.561	120	0.562	210	0.533	300	0.448
40	0.590	130	0.582	220	0.493	310	0.507
50	0.511	140	0.570	230	0.396	320	0.572
60	0.372	150	0.733	240	0.243	330	0.752
70	0.415	160	0.922	250	0.268	340	0.925
80	0.486	170	1.000	260	0.334	350	1.000

**Additional Azimuths**

Degree	V <sub>A</sub>
--------	----------------

**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>Craig Jahelka</b>  <i>President, Draper Media</i></p> <p>05/07/2019</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WBOC-TV-Explanation Regarding the Request for Special Temporary Authority.pdf</u>	Applicant	General Information	Explanation regarding request for STA
<u>WBOC-TV STA request for interim antenna ENG 05-07-2019.pdf</u>	Applicant	All Purpose	WBOC-TV STA engineering exhibits