



(REFERENCE COPY - Not for submission)

# Amendment to a LPTV Translator Engineering STA Application

File Number: **0000032238** | Submit Date: **01/16/2018** | Call Sign: **W41DT-D** | Facility ID: **168768** | FRN: **0018223693** |

State: **Virginia** | City: **STAUNTON**

Service: **LPT** | Purpose: **Engineering STA Amendment** | Status: **Granted** | Status Date: **01/17/2018** | Expiration Date: **01/18/2021** | 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:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>VIRGINIA BROADCASTING, LLC</b> Doing Business As: VIRGINIA BROADCASTING, LLC	503 EAST MARKET STREET P.O. Box 769 CHARLOTTESVILLE, VA 22902-0769 United States	+1 (434) 220-2900	hwright@nbc29. 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
<b>ANNE GOODWIN CRUMP</b> <i>ATTORNEY</i> FLETCHER, HEALD & HILDRETH, P.L.C.	1300 N. 17TH ST., 11th FLOOR ARLINGTON, VA 22209- 3801 United States	+1 (703) 812- 0426	CRUMP@FHHLAW. COM	Legal Representative
<b>DONALD G EVERIST</b> <i>CONSULTING ENGINEER</i> COHEN, DIPPELL, AND EVERIST, P.C.	1420 N ST., N.W. SUITE 1 WASHINGTON, DC 20005 United States	+1 (202) 898- 0111	CDEPC@COMCAST. NET	Technical Representative
<b>ROBERT JENKINS</b> <i>CHIEF ENGINEER</i> VIRGINIA BROADCASTING, LLC	503 MARKET ST. P.O. BOX 769 CHARLOTTESVILLE, VA 22902 United States	+1 (434) 220- 2900	RJENKINS@NBC29. COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	168768	
State	Virginia	
City	STAUNTON	
LPT Channel	22	

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	38° 09' 55.4" N+
	Longitude	079° 18' 43.1" W-
	Structure Type	MAST-Self-support struct
	Overall Structure Height	23 meters
	Support Structure Height	23 meters
	Ground Elevation (AMSL)	1280 meters
Antenna Data	Height of Radiation Center Above Ground Level	15 meters
	Height of Radiation Center Above Mean Sea Level	1295 meters
	Effective Radiated Power	15 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1002815
Antenna Manufacturer and Model	Manufacturer:	ALIVE TELE
	Model	ATC-BCSH8C1R-U1
	Rotation	0 degrees
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.481	90	0.927	180	0.976	270	0.157
10	0.638	100	0.911	190	0.994	280	0.121
20	0.790	110	0.903	200	0.994	290	0.117
30	0.897	120	0.900	210	0.964	300	0.113
40	0.964	130	0.900	220	0.897	310	0.113
50	0.994	140	0.903	230	0.790	320	0.117
60	0.994	150	0.911	240	0.638	330	0.121
70	0.976	160	0.927	250	0.458	340	0.157
80	0.950	170	0.950	260	0.277	350	0.277

Additional Azimuths

Degree	V <sub>A</sub>
56	1.00

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>Harold B. Wright</b> <i>Vice-President</i>  01/16/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">11128 NRAO Virginia Broadcasting.pdf</a>	Internal	All Purpose	NARO response
<a href="#">20180118070030-440.pdf</a>	Internal	All Purpose	
<a href="#">Justification for STA W41DT-D.pdf</a>	Applicant	General Information	Justification for STA
<a href="#">purpose of amend.pdf</a>	Applicant	Amendment	Purpose of Amendment
<a href="#">purpose of amend sta 1.16.18.pdf</a>	Applicant	Amendment	Purpose of Amendment 1.16.18
<a href="#">T-Mobile Letter W41DT-D.pdf</a>	Applicant	General Information	T-Mobile 120-Day letter
<a href="#">WVIR W41DT STA December.pdf</a>	Applicant	Amendment	comprehensive engineering statement