

Federal Communications Commission

TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Licensee/Permittee

GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS ASSOC
3939 Campbell Ave
ARLINGTON, VA, 22206

Call Sign	File Number
WETA-TV	0000055373

Facility ID: 65670**NTSC TSID:** 538**Digital TSID:** 539**This Permit Modifies License File No.:** BXMLEDT-20080109ACG

Grant Date 08/30/2018		Expiration Date 08/28/2021	
Hours of Operation Unlimited			
Station Location City WASHINGTON State DC		Frequency (MHz) 572.0 - 578.0	Station Channel 31
Facility Type Noncommercial Educational			

Antenna Structure Registration Number 1018169	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 38-53-30.0 N Longitude 77-7-54.0 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-WB	

Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 100.0 101.0 102.0	Maximum Effective Radiated Power (Average) 240 kW 23.80 DBK
Height of Radiated Center Above Ground (Meters) 126.2	Height of Radiated Center Above Mean Sea Level (Meters) 239.0
Height of Radiated Center Above Average Terrain (Meters) 172	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- For emergency, maintenance & test purposes only.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.