



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**TELEVISION BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

GREATER WASHINGTON EDUCATIONAL TELECOMMUNICAT  
2775 S. QUINCY STREET  
ARLINGTON VA 22206

Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

Facility Id: 65670  
Analog TSID: 538  
Digital TSID: 539  
Call Sign: WETA-TV  
License File Number: BLEDT-19981207KF  
This license covers Permit No.: 980722KE

Grant Date:

This license expires 3:00 a.m.  
local time, October 01, 2004.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WETA-TV

License No.: BLEDT-19981207KF

Name of Licensee: GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS  
ASSOC

Station Location: DC-WASHINGTON

Frequency (MHz): 548 - 554

Channel: 27

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670  
of the Commission's Rules.

Antenna type: (directional or non-directional): Non-Directional

Description:

Beam Tilt: 1 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 38 deg 53 min 30 sec

West Longitude: 77 deg 07 min 55 sec

Transmitter output power: 12.1 kW  
10.8 DBK

Maximum effective radiated power (Average): 75 kW  
18.8 DBK

Height of radiation center above ground: 126 Meters

Height of radiation center above mean sea level: 239 Meters

Height of radiation center above average terrain: 177 Meters

Antenna structure registration number: 1018169

Overall height of antenna structure above ground (including obstruction  
lighting if any) see the registration for this antenna structure.

\*\*\* END OF AUTHORIZATION \*\*\*