United States of America



FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION AUXILIARY CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

MULTIMEDIA HOLDINGS CORPORATION

TEGNA, INC.

8350 BROAD STREET, SUITE 2000

TYSONS VA 22102

Facility Id: 68581 Analog TSID: 464 Digital TSID: 465 Call Sign: KTVD

Permit File Number: BXPCDT-20111227AAW

Kevin R. Harding Associate Chief Video Division Media Bureau

Grant Date: April 17, 2015

This permit expires 3:00 a.m. local time, 36 months after the grant date specified above.

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.

Name of Permittee: MULTIMEDIA HOLDINGS CORPORATION

Station Location: CO-DENVER

Frequency (MHz): 500 - 506

Channel: 19

Hours of Operation: Unlimited

Callsign: KTVD Permit No.: BXPCDT-20111227AAW

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

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

Description: DIE, TUA-C3-12/36U-1-S
Beam Tilt: 1 Degrees Electrical

Major lobe directions 180

(degrees true):

Antenna Coordinates: North Latitude: 39 deg 43 min 51 sec

West Longitude: 105 deg 13 min 54 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 987kW

29.9 DBK

Height of radiation center above ground: 169 Meters

Height of radiation center above mean sea level: 2338 Meters

Height of radiation center above average terrain: 327.8 Meters

Antenna structure registration number: 1058328

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

Special operating conditions or restrictions:

1 For emergency , maintenance and test purposes only.

*** END OF AUTHORIZATION ***