United States of America



FEDERAL COMMUNICATIONS COMMISSION TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

GRAY TELEVISION LICENSEE, LLC
4370 PEACHTREE ROAD, NE
ATLANTA GA 30319

Facility Id: 83969 Analog TSID: 3616 Digital TSID: 3617 Call Sign: WMBF-TV

Permit File Number: BPCT-19960920WV

Clay C. Pendarvis Associate Chief Video Division Media Bureau

Grant Date: October 18, 2005

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: GRAY TELEVISION LICENSEE, LLC

Station Location: SC-MYRTLE BEACH

Frequency (MHz): 578 - 584

Channel: 32

Hours of Operation: Unlimited

Callsign: WMBF-TV Permit No.: BPCT-19960920WV

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, TFU-26GTH-R 6T170

Beam Tilt: 0.75 Degrees Electrical

Major lobe directions 100 220 340

(degrees true):

Antenna Coordinates: North Latitude: 33 deg 39 min 37 sec

West Longitude: 79 deg 03 min 35 sec

Transmitter output power: As required to achieve authorized ERP.

Maximum effective radiated power (Average): 5000 kW

37 DBK

Height of radiation center above ground: 299 Meters

Height of radiation center above mean sea level: 305 Meters

Height of radiation center above average terrain: 299 Meters

Antenna structure registration number: 1244655

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

Special operating conditions or restrictions:

This is to notify you that this granted application is subject to the condition that upon the digital transition date the permittee shall flash cut to digital. The channel authorized for use by the permittee will be used to broadcast digital television only after the transition date.

*** END OF AUTHORIZATION ***