

Federal Communications Commission

LOW POWER FM BROADCAST STATION CONSTRUCTION PERMIT

Permittee

Bishop England High
School
363 Seven Farms Drive
Charleston, SC, 29492

Call Sign	Facility ID
WBEI-LP	194428

File Number 0000184516	This Permit Modifies License File No. 0000130263	
Filing Date 02/07/2022	Grant Date 02/15/2022	Expiration Date 07/28/2022

Community of License City: CHARLESTON State: SC	Frequency (MHz) 102.9	Station Channel 275	Station Class LP100
Hours of Operation: Unlimited			

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power As required to achieve authorized ERP.
Antenna Type Non-Directional	Antenna Coordinates (NAD 83) Latitude 32-52-23.6 N Longitude 079-58-32.6 W

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Maximum Effective Radiated Power in the Horizontal Plane (W)	100.0	100.0
Minimum Effective Radiated Power in the Horizontal Plane (W)	50.0	50.0
Height of Radiation Center Above Ground (meters)	30.0	30.0

Height of Radiation Center Above Mean Sea Level (meters)	33.0	33.0
Height of Radiation Center Above Average Terrain (meters)	28.0	28.0

Antenna Structure Registration Number Not Required	Overall Height of Antenna Structure Above Ground (meters) 56.4
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Obstruction Marking and Lighting Specifications for Antenna Structure

It is expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303 (q) of the Communications Act of 1934, as amended.

Special Operating Conditions or Restrictions

The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- The AM station identified below may be affected by the facilities authorized by this construction permit. Pursuant to Section 1.30004 of the Commission's Rules, at least 30 days prior to commencement of construction of the facilities authorized herein, the permittee must provide notification of the construction to the AM station licensee. As part of this notification, the permittee must examine the potential impact of the construction of the authorized facilities on the AM station using a moment method analysis. The analysis shall consist of a model of the AM antenna together with the potential re-radiating tower in a lossless environment. The model shall employ the methodology specified in Section 73.151(c) of the Commission's Rules, except that the AM antenna element may be modeled as a series of thin wires driven to produce the required radiation pattern, without any requirement for measurement of tower impedances. If the construction distorts the AM station nondirectional radiation pattern by more than 2 dB, the permittee is responsible for the installation and maintenance of any detuning apparatus necessary to restore proper operation of the nondirectional antenna. (See Section 1.30002 of the Commission's Rules.) The permittee must submit confirmation of completion of these notice and analysis requirements in the application for license to cover this construction permit. If the facilities authorized by this Construction Permit do not result in a significant modification of the existing tower specified as defined in Section 1.30002(d) of the Commission's Rules, the permittee shall submit a certification and any necessary evidence supporting that certification in the Application for License. WTMZ(AM), Facility ID No. 72370, Dorchester Terr.-Bre, SC.

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(See Section 83.875).

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

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

