



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**LOW POWER FM STATION LICENSE**

Authorizing Official:

Official Mailing Address:

MUSCATINE EDUCATIONAL ASSOCIATION  
627 FAIRVIEW  
MUSCATINE IA 52761

Edna V. Prado  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 134691

Call Sign: KTDC-LP

License File Number: BLL-20110923ABB

Grant Date: September 27, 2011

This license expires 3:00 a.m.  
local time, February 01, 2013.

This license covers permit no.: BPL-20110419ABF

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.

Name of Licensee: MUSCATINE EDUCATIONAL ASSOCIATION

Station Location: IA-MUSCATINE

Frequency (MHz): 105.3

Channel: 287

Class: LP100

Hours of Operation: Unlimited

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

Transmitter output power: 0.100 kW

Antenna type: Non-Directional

Description: SWR SWR-1-2

Antenna Coordinates: North Latitude: 41 deg 26 min 03 sec

West Longitude: 91 deg 01 min 52 sec

Effective radiated power (Watts): 53

Height of radiation center above ground (Meters): 16

Height of radiation center above mean sea level (Meters): 233

Height of radiation center above average terrain (Meters): 41

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 17 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be 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.

None Required

Special operating conditions or restrictions:

- 1 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.

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