



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BLVD.
ROCKLIN CA 95765

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 68679

Call Sign: WLXF

License File Number: BMLED-20160329ABX

Grant Date: June 06, 2016

This license expires 3:00 a.m.
local time, April 01, 2020.

This license modifies license no.: BLH-20010208AAB to convert from
commercial to noncommercial status.

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: EDUCATIONAL MEDIA FOUNDATION

Station Location: GA-MACON

Frequency (MHz): 105.5

Channel: 288

Class: C3

Hours of Operation: Unlimited

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

Transmitter output power: 4.3 kW

Antenna type: Directional

Description: ERI LP-4E-DA-HW, four sections

Antenna Coordinates: North Latitude: 32 deg 53 min 48 sec
West Longitude: 83 deg 32 min 05 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	6.1	6.1
Height of radiation center above ground (Meters):	144	144
Height of radiation center above mean sea level (Meters):	339	339
Height of radiation center above average terrain (Meters):	201	201

Antenna structure registration number: 1052145

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 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit BPH-20000131ACD.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

6.10 kilowatts.

Principal minima and their associated field strength limits:

290 - 310 degrees True: 1.58 kilowatts

Special operating conditions or restrictions:

- 2 ***** This is a Section 73.215 contour protection grant *****
***** as requested by this applicant *****

- 3 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.

- 4 Educational Media Foundation requests waiver of 47 C.F.R. Section 73.1125 to operate this licensed facility as a "satellite" of co-owned noncommercial educational FM Station KLVR (FM), Middletown, California (Facility ID No. 18801). Based upon the specific representations contained therein, the waiver request IS GRANTED. The applicant shall abide by each representation proffered in the waiver request.

*** END OF AUTHORIZATION ***