



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EDUCATIONAL MEDIA FOUNDATION
5700 WEST OAKS BOULEVARD
ROCKLIN CA 95765

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

Facility Id: 5064

Call Sign: WLKB

License File Number: BLED-20171017AAN

Grant Date: November 16, 2017

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

This license covers Permit No.: BPED-20161130AAU

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: MI-BAY CITY

Frequency (MHz): 89.1

Channel: 206

Class: C2

Hours of Operation: Unlimited

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

Transmitter output power: 9.6 kW

Antenna type: Directional

Description: ERI P300-4BE-DA, 4 bays, vertically polarized only

Antenna Coordinates: North Latitude: 43 deg 33 min 42 sec

West Longitude: 83 deg 58 min 52 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):		50
Height of radiation center above ground (Meters):		113
Height of radiation center above mean sea level (Meters):		296
Height of radiation center above average terrain (Meters):		113
Antenna structure registration number: 1213205		

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 Educational Media Foundation was granted a waiver of 47 C.F.R. § 73.1125 to allow the operation of this station as a "satellite" of co-owned noncommercial educational FM Station KLVR(FM), Middletown, California (Facility ID No. 18801). See License BLED-20061222AAS, granted January 17, 2007. Grant of this waiver is continued. Educational Media Foundation must abide by each representation proffered in the waiver request.
- 2 Grant of this license application is conditioned on the continuous operation of the licensed facility for the twelve-month period following grant. The failure of the facility to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts presumption that the authorized facilities were temporarily constructed.

Special operating conditions or restrictions:

- 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 the FCC guidelines.

- 4 The relative field strength of the measured vertically polarized only radiation component shall not exceed at any azimuth the value indicated on the radiation pattern authorized by Construction Permit BPED-20161130AAU.

A relative field strength of 1.0 on the radiation pattern authorized by Construction Permit BPED-20161130AAU corresponds to the following effective radiated power:

50 kilowatts (vertically polarized only)

Principal minima and their associated field strength limits:

100 degrees True: 12.5 kilowatts (vertically polarized only)
150 degrees True: 14.5 kilowatts (vertically polarized only)

*** END OF AUTHORIZATION ***