



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

Karen Workman
for Nazifa_Sawez

Assistant Chief
Audio Division
Media Bureau

Grant Date: October 03, 2016

Facility Id: 15197

Call Sign: KARW

This license expires 3:00 a.m.
local time, December 01, 2021.

License File Number: BMLED-20160726ABP

This authorization re-issued on May 11, 2017 to reflect the grant of a Main Studio Satellite Waiver see (Special Operating Condition No. 5).

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.

Callsign: KARW

License No.: BMLD-20160726ABP

Name of Licensee: EDUCATIONAL MEDIA FOUNDATION

Station Location: CA-SALINAS

Frequency (MHz): 97.9

Channel: 250

Class: B1

Hours of Operation: Unlimited

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

Transmitter output power: 5.7 kW

Antenna type: Directional

Description: ERI MP-2E-DA-HW, 2 sections, 0.5 wavelength spaced

Antenna Coordinates: North Latitude: 36 deg 33 min 09 sec

West Longitude: 121 deg 47 min 17 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	4.5	4.5
Height of radiation center above ground (Meters):	40	40
Height of radiation center above mean sea level (Meters):	415	415
Height of radiation center above average terrain (Meters):	188	188

Antenna structure registration number: 1216885

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

- 2 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.

Special operating conditions or restrictions:

- 3 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based on the use of the antenna specified herein. If the licensee makes any changes in the facilities via a modification of license application in accordance with 47 C.F.R. Section 73.1690(c), the subsequent FCC Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

- 4 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-20140512ACV.

A relative field strength of 1.0 on the composite radiation pattern authorized by Construction Permit BPH-20140512ACV corresponds to the following effective radiated power:

4.5 kilowatts

Principal minima and their associated field strength limits:

0 degrees True: 1.8 kilowatts
10 degrees True: 2.0 kilowatts
20 degrees True: 1.9 kilowatts

- 5 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 KYRA(FM), Thousand Oaks, California (Facility ID No. 21689). Educational Media Foundation must abide by each representation proffered in the waiver request.

*** END OF AUTHORIZATION ***