



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE
AUXILIARY ANTENNA

Authorizing Official:

Official Mailing Address:

MONTANA STATE UNIVERSITY - BILLINGS
KEMC - FM
1500 UNIVERSITY DRIVE
BILLINGS MT 59101

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 43572

Call Sign: KBMC

License File Number: BXLED-20070807AEE

Grant Date: October 05, 2007

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

This license covers permit no.: BXPED-20070724AEB

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: MONTANA STATE UNIVERSITY - BILLINGS

Station Location: MT-BOZEMAN

Frequency (MHz): 102.1

Channel: 271

Class: C2

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: .49 kW

Antenna type: Non-Directional

Description: ERI LPX-1E, 1 section

Antenna Coordinates: North Latitude: 45 deg 38 min 18 sec

West Longitude: 111 deg 16 min 05 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.205	.205
Height of radiation center above ground (Meters):	26	26
Height of radiation center above mean sea level (Meters):	1743	1743
Height of radiation center above average terrain (Meters):	191	191

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 59 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.

Special operating conditions or restrictions:

- 2 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- 3 Montana State University requests waiver of 47. C.F.R. Section 73.1125 to operate the proposed facility as "satellite" of co-owned noncommercial educational FM station KEMC (FM), Billings, Montana, (Facility ID No.: 43571). Based upon the specific representations contained therein, the waiver request IS GRANTED. Applicant shall abide by each representation proffered in the waiver request.

*** END OF AUTHORIZATION ***