



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

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

Rodolfo F. Bonacci  
Assistant Chief  
Audio Division  
Media Bureau

Facility ID: 174030

Grant Date: March 30, 2017

Call Sign: KYPH

The authority granted herein has no effect on the expiration date of the underlying construction permit.

Permit File Number: BMPED-20170221ACF

This Permit Modifies Permit No.: BNPED-20071022APB

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: MONTANA STATE UNIVERSITY - BILLINGS

Station Location: MT-HELENA

Frequency (MHz): 88.5

Channel: 203

Class: C1

Hours of Operation: Unlimited

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

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Non-Directional

Antenna Coordinates: North Latitude: 46 deg 44 min 53 sec  
West Longitude: 112 deg 19 min 49 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	5.2	5.2
Height of radiation center above ground (Meters):	16	16
Height of radiation center above mean sea level (Meters):	2248	2248
Height of radiation center above average terrain (Meters):	576	576

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 58 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 AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. SECTION 73.1620 DO NOT APPLY IN THIS CASE. A FORMAL REQUEST FOR PROGRAM TEST AUTHORITY MUST BE FILED IN CONJUNCTION WITH FCC FORM 302-FM, APPLICATION FOR LICENSE, BEFORE PROGRAM TESTS WILL BE AUTHORIZED. This request must contain documentation which demonstrates compliance with the following special operating condition(s):
- 3 The permittee/licensee shall, upon completion of construction and during the equipment test period, make proper radiofrequency electromagnetic (RF) field strength measurements throughout the transmitter site area to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields. If necessary, a fence must be erected at such distances and in such a manner as to prevent the exposure of humans to RF fields in excess of the FCC Guidelines (OET Bulletin No. 65, Edition 97-01, August 1997). The fence must be a type which will preclude casual or inadvertent access, and must include warning signs at appropriate intervals which describe the nature of the hazard. Any areas within the fence found to exceed the recommended guidelines must be clearly marked with appropriate visual warning signs.
- 4 Documentation demonstrating compliance with the preceding special operating condition shall be submitted at the time of filing of FCC Form 302-FM.
- 5 Pursuant to 47 CFR Sections 73.7002(c) and 73.7005(b) the permittee/licensee is required to construct and operate for a period of four years of on-air operations technical facilities substantially as proposed and shall not downgrade service to the area on which the preference was based.
- 6 Montana State University - Billings requests waiver of 47 C.F.R. § 73.509 to allow Station KGLZ(FM), as authorized herein, to receive contour overlap from the 100 dBu contour of second adjacent channel Station KYPH(FM), East Helena, MT (Facility ID No. 173818) on Channel 206C3. We have afforded this request the "hard look" called for under WAIT Radio v. FCC, 418 F.2d 1153 (D.C. Cir. 1969), and find that the facts and circumstances presented in the applicant's justification are sufficient to establish that grant of the requested waiver is in the public interest. Accordingly, waiver of 47 C.F.R. § 73.509 IS HEREBY GRANTED. Furthermore, further modifications of Station KYPH will not be construed as a "per se" modification of KGLZ's facility. (See Educational Information Corporation, 6 FCC Rcd 2207 (1991)).
- 7 Montana State University - Billings requests waiver of 47 C.F.R. § 73.509 to allow Station KGLZ(FM), as authorized herein, to receive contour overlap from the 100 dBu contour of second adjacent channel Station NEW (BNPED-20071018ADT), Montana City, MT(Facility ID No. 172995) on Channel 201A. We have afforded this request the "hard look" called for under WAIT Radio v. FCC, 418 F.2d 1153 (D.C. Cir. 1969), and find that the facts and circumstances presented in the applicant's justification are sufficient to establish that grant of the requested waiver is in the public interest. Accordingly, waiver of 47 C.F.R. § 73.509 IS HEREBY GRANTED. Furthermore, further modifications of Station NEW (BNPED-20071018ADT) will not be construed as a "per se" modification of KGLZ's facility. (See Educational Information Corporation, 6 FCC Rcd 2207 (1991)).

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