



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

Authorizing Official:

Official Mailing Address:

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IHM LICENSES, LLC  
7136 S. YALE AVENUE  
SUITE 501  
TULSA OK 74136

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Dennis L. Williams  
Assistant Chief  
Audio Division  
Media Bureau

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Facility ID: 4115

Call Sign: KLTH

Permit File Number: BMPH-19920311JN

Grant Date:

This permit expires 3:00 a.m.  
local time, 0 months after the  
grant date specified above.

This Permit Modifies Permit No.: BMPH-19890113IB

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: IHM LICENSES, LLC

Station Location: OR-LAKE OSWEGO

Frequency (MHz): 106.7

Channel: 294

Class: C

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: 45 deg 30 min 58 sec  
West Longitude: 122 deg 43 min 59 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	94	94
Maximum effective radiated power (kW):	100	100
Height of radiation center above ground (Meters):	208	208
Height of radiation center above mean sea level (Meters):	530	530
Height of radiation center above average terrain (Meters):	439	439

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 303 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 1. 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, application for license, before program tests will be authorized. This request should be made at least 10 days prior to the date on which program tests are desired to commence. This request must contain documentation which demonstrates compliance with the following special operating condition(s):

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Prior to the construction of the facilities authorized herein, the permittee shall notify AM station(s) listed below so that, if necessary, the AM station(s) may determine operating power by the indirect method and request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for the installation and continued maintenance of the detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station(s). Both prior to the construction and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's rules shall be conducted to establish that the AM array has not been adversely affected and, prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.

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KBBT (AM)

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2. Permittee shall submit a copy of the vertical plane pattern for the -1.0 degree beam tilt antenna along with the Form 302 application for license.
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3. The grant of this construction permit is conditioned upon the receipt of the appropriate filing fee upon being billed by the Commission's Fee Section. See 47 C.F.R. Section 1.1110.
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\*\*\* END OF AUTHORIZATION \*\*\*