

## **United States of America**

## FEDERAL COMMUNICATIONS COMMISSION FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

Taconite Broadcasting, Inc.
121 North Front Street
Marquette MI 49855

Facility Id: 64503 Call Sign: WMQT

License File Number: BLH-19941013KC

This Permit Modifies Permit No.: BPH-931118IC as modified by Permit No.: BMPH-950111IB.

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Grant Date: November 07, 1995
This license expires 3:00 a m

This license expires 3:00 a.m. local time, October 01, 2004.

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.

Subject to the provisions of the Communications Act of 1934, subsequent

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: WMQT License No.: BLH-19941013KC

Name of Licensee: Taconite Broadcasting, Inc.

Station Location: MI-ISHPEMING

Frequency (MHz): 107.7

Channel: 299

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Non-Directional

Description:

Antenna Coordinates: North Latitude: 46 deg 28 min 45 sec

West Longitude: 87 deg 37 min 30 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	96	96
Maximum effective radiated power $(kW)$ :	100	100
Height of radiation center above ground (Meters):	40	40
Height of radiation center above mean sea level (Meters):	576	576
Height of radiation center above average terrain (Meters)	: 160	160

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 55 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 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.