



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST TRANSLATOR/BOOSTER**  
**STATION LICENSE**

Authorizing Official:

Official Mailing Address:

UNIVERSITY OF NORTHWESTERN-ST. PAUL  
3003 SNELLING AVE N  
SAINT PAUL MN 55113

Penelope A. Dade  
Supervisory Analyst  
Audio Division  
Media Bureau

Facility Id: 86422

Call Sign: W230AN

License File Number: BMLFT-20050127AIL

Grant Date: January 31, 2007

This license expires 3:00 a.m.  
local time, December 01, 2012.

This license modifies license no.: BLFT-19980127TD, granted April 27, 1998

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: W230AN

License No.: BMLFT-20050127AIL

Name of Licensee: UNIVERSITY OF NORTHWESTERN-ST. PAUL

Principal community to be served: WI-HAYWARD

Primary Station: WHSM-FM (FM) , Channel 266, HAYWARD, WI

Via: Direct - off-air

Frequency (MHz): 93.9

Channel: 230

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 46 deg 00 min 52 sec

West Longitude: 91 deg 29 min 06 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules.

Transmitter output power: 0.054 kW

Antenna type: (directional or non-directional): Non-Directional

Description: SHIVELY 6812-2

Major lobe directions (degrees true): Not Applicable

Horizontally Polarized Antenna:	Vertically Polarized Antenna:
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Effective radiated power in the Horizontal Plane (kw): 0.05

Height of radiation center above ground (Meters): 14

Height of radiation center above mean sea level (Meters): 378

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 15 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.

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