

Elytravola/wirno



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

Official Mailing Address:

MINNESOTA PUBLIC RADIO
45 EAST SEVENTH STREET
ST. PAUL, MN 55101

Authorizing Official:

James D. Bradshaw

for James D. Bradshaw
Supervisory Engineer
Audio Services Division
Mass Media Bureau

Grant Date: **FEB 09 1998**

Call Sign: W269AC

This license expires 3:00 a.m.
local time, April 01, 2005

License File No.: BLFT-971112TB

This license covers Permit No.: BPFT-970514TA

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:

MINNESOTA PUBLIC RADIO

Principal community to be served:

MN-Ely

Primary Station: WIRN(FM), Channel 223, BUHL, MN

Via: Direct

Frequency (MHz): 101.7

Channel: 269

Hours of Operation: Unlimited

Transmitter location (address or description):

Lookout Ridge Road, 305 meters east of
Route 21 (Central Avenue), Ely, MN

Antenna Coordinates: North Latitude : 47 53 24
West Longitude : 91 51 59

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

Transmitter output power: 0.010 kW

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

Description: SCALA CAA5-150CP, CROSS YAGI

Major lobe directions (degrees true): 15.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW).....:	0.031	0.031
Height of radiation center above ground (Meters).....:	43	43
Height of radiation center above mean sea level (Meters).....:	512	512

Antenna structure registration number: none

Overall height of antenna structure above ground
(including obstruction lighting if any): 61 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 radiation in excess of FCC guidelines.

*** END OF AUTHORIZATION ***