

STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, ^{1/}the LICENSEE

NORTHLAND ADVERTISING, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time **OCTOBER 1, 1976**

The licensee shall use and operate said apparatus only in accordance with the following terms:

- 1. On a frequency of **1230** kHz.
- 2. With nominal power of **250** watts nighttime and **1 kilo** watts daytime,
with antenna input power of **250** watts - directional
antenna nighttime
and antenna input power of **1 kilo** watts - directional
antenna daytime

Antenna	current	2.32	amperes
Antenna	resistance	46.6	ohms,
Antenna	current	4.63	amperes
Antenna	resistance	46.6	ohms

- 3. During the following period or periods of time: **Unlimited Time:**
Average hours of sunrise and sunset:

Jan.	7:30am to 4:30pm;	Feb.	7:00am to 5:15pm;
Mar.	6:15am to 6:00pm;	Apr.	5:15am to 6:45pm;
May	4:30am to 7:15pm;	June	4:00am to 7:45pm;
July	4:15am to 7:45pm;	Aug.	4:45am to 7:00pm;
Sep.	5:30am to 6:15pm;	Oct.	6:15am to 5:15pm;
Nov.	7:00am to 4:30pm;	Dec.	7:30am to 4:15pm;

Central Standard Time (Non Advanced)

- 4. With the station located at: **Iron River, Michigan**
- 5. With the main studio located at:

**234 West Genesee Street
Iron River, Michigan**

- 6. The apparatus herein authorized to be used and operated is located at: North Latitude: **46° 03' 55"**
On county road known as "Caspian Cut-Off" West Longitude: **98° 38' 17"**
**1/4 mile East of Michigan Highway 189
Caspian, Michigan**

**Transmitter may be operated by remote control from 234 West Genesee Street,
Iron River, Michigan.**

- 7. Transmitter(s):

Gates, BC-1T

other transmitter currently listed in the Commission's "Radio Equipment List, Part B, Aural Broadcast Equipment" for the power herein authorized).

- 8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 12 and 21**
- 9. ~~Specifications~~ **Antenna: 190' (194' overall height) uniform cross section, guyed, series excited, vertical radiator. Ground system consists of 120 buried copper wire radials 200' long, plus 120 radials 50' long, uniformly spaced around the antenna.**

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

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 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.

^{1/} This license consists of this page and pages ..

FEDERAL COMMUNICATIONS COMMISSION

Ben F. Waples

Secretary



Dated: **SEPTEMBER 27, 1973**