



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**  
**AUXILIARY ANTENNA**

Authorizing Official:

Official Mailing Address:

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SEATTLE PUBLIC SCHOOLS  
10750 30TH AVENUE, N. E.  
SEATTLE WA 98125

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Penelope A. Dade  
Supervisory Analyst  
Audio Division  
Media Bureau

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Facility Id: 59526

Call Sign: KNHC

License File Number: BXMLED-20040714AAV

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Grant Date: January 21, 2005

This license expires 3:00 a.m.  
local time, February 01, 2006.

This license modifies license no.: BLED-19900516KB Dated 3/7/1991  
Auxiliary Purposes Only

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: SEATTLE PUBLIC SCHOOLS

Station Location: WA-SEATTLE

Frequency (MHz): 89.5

Channel: 208

Class: C2

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: 4.9 kW

Antenna type: Non-Directional

Description: JAM JSLP-6

Antenna Coordinates: North Latitude: 47 deg 41 min 26 sec  
 West Longitude: 122 deg 17 min 45 sec

|  | Horizontally Polarized Antenna | Vertically Polarized Antenna |
|--|--------------------------------|------------------------------|
| Effective radiated power in the Horizontal Plane (kW):     | 15.0                           | 15.0                         |
| Height of radiation center above ground (Meters):          | 35                             | 35                           |
| Height of radiation center above mean sea level (Meters):  | 143                            | 143                          |
| Height of radiation center above average terrain (Meters): | 92                             | 92                           |

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 44 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:

- ALL FUTURE APPLICATIONS FOR KNHC(FM), SEATTLE, WASHINGTON ARE LIMITED TO AN EFFECTIVE RADIATED POWER OF 50 KILOWATTS AND AN ANTENNA HEIGHT ABOVE AVERAGE TERRAIN OF 100 METERS TO PROTECT FUTURE CANADIAN ASSIGNMENTS ON CHANNEL 209C, SATURNA ISLAND, BRITISH COLUMBIA.

Special operating conditions or restrictions:

- 2 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 \*\*\*