



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

Authorizing Official:

Official Mailing Address:

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FRIENDS OF 88.5 FM  
2601 4TH AVENUE  
SUITE 150  
SEATTLE WA 98121

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Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

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Facility Id: 51199

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Grant Date: July 21, 2008

Call Sign: KNKX

This license expires 3:00 a.m.  
local time, February 01, 2014.

License File Number: BLED-20080715ADJ

This license covers permit no.: BPED-20060109ABR

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: FRIENDS OF 88.5 FM

Station Location: WA-TACOMA

Frequency (MHz): 88.5

Channel: 203

Class: C

Hours of Operation: Unlimited

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

Transmitter output power: 15.0 kW

Antenna type: Directional

Description: ERI 1082-4CP-DA

Antenna Coordinates: North Latitude: 47 deg 30 min 14 sec  
 West Longitude: 121 deg 58 min 29 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	64	64
Maximum effective radiated power (kW):	68	68
Height of radiation center above ground (Meters):	41	41
Height of radiation center above mean sea level (Meters):	940	940
Height of radiation center above average terrain (Meters):	707	707

Antenna structure registration number: 1056823

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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 electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

- 2 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit BPED-20060109ABR.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

68 kilowatts.

Principal minima and their associated field strength limits:

104 degrees True: 0.380 kilowatts

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