



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

Authorizing Official:

Official Mailing Address:

WASHINGTON STATE UNIVERSITY
EDUCATIONAL TELECOMMUNICATIONS AND TECH.
MURROW COMM CENTER, P.O. BOX 642530
PULLMAN WA 99164

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 138227

Call Sign: K284BL

License File Number: BLFT-20080213AEC

Grant Date: March 12, 2008

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

This license covers permit no.: BMPFT-20070828ACA

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: K284BL

License No.: BLFT-20080213AEC

Name of Licensee: WASHINGTON STATE UNIVERSITY

Principal community to be served: WA-BELLINGHAM

Primary Station: KZAZ (FM) , Channel 219, BELLINGHAM, WA

Via: Direct - off-air

Frequency (MHz): 104.7

Channel: 284

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 48 deg 46 min 57 sec

West Longitude: 122 deg 22 min 05 sec

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

Transmitter output power: 0.006 kW

Antenna type: (directional or non-directional): Directional
Description: SCA HDAC-5

Major lobe directions 140 230
(degrees true):

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.013	0.013
Height of radiation center above ground (Meters):	30	30
Height of radiation center above mean sea level (Meters):	497	497

Antenna structure registration number: 1250131

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.

*** END OF AUTHORIZATION ***