



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WASHINGTON STATE UNIVERSITY
EDUCATIONAL TELECOMMUNICATIONS
AND TECH.
MURROW COMM CENTER, P.O. BOX 642
PULLMAN WA 99164

Facility Id: 49599

Call Sign: KZAZ

License File Number: BLED-19910828KA

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Grant Date: April 08, 1992

This license expires 3:00 a.m.
local time, February 01, 1998.

This license covers Permit No.: BPED-860811KA
as extended by Permit No.: BMPED-901126JR and BMPED-910724JT

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: KZAZ

License No.: BLED-19910828KA

Name of Licensee: WASHINGTON STATE UNIVERSITY

Station Location: WA-BELLINGHAM

Frequency (MHz): 91.7

Channel: 219

Class: A

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Directional

Description: ODD ODD860811MJ

Antenna Coordinates: North Latitude: 48 deg 48 min 04 sec

West Longitude: 122 deg 27 min 40 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.120	.120
Height of radiation center above ground (Meters):	27	27
Height of radiation center above mean sea level (Meters):	189	189
Height of radiation center above average terrain (Meters):	102	102

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 46 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 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.

A RELATIVE FIELD STRENGTH OF 1.0 ON THE COMPOSITE RADIATION PATTERN HEREIN AUTHORIZED CORRESPONDS TO THE FOLLOWING EFFECTIVE RADIATED POWER:

0.120 KILOWATTS

PRINCIPAL MINIMA AND THEIR ASSOCIATED FIELD STRENGTH LIMITS:

10 DEGREES TRUE:	0.0081 KW
52 DEGREES TRUE:	0.0075 KW
110 DEGREES TRUE:	0.054
270 DEGREES TRUE:	0.055
340 DEGREES TRUE:	0.0066

*** END OF AUTHORIZATION ***