



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

Authorizing Official:

Official Mailing Address:

GEORGIA STATE UNIVERSITY
BY & ON BEHALF OF BD OF REGENTS
P.O. BOX 3973
ATLANTA GA 30302

Penelope A. Dade
Supervisory Analyst
Audio Division
Media Bureau

Facility Id: 23959

Call Sign: WRAS

License File Number: BXLED-20041110ACN

Grant Date: April 12, 2005

This license expires 3:00 a.m.
local time, April 01, 2012.

This License Covers Permit No.: BXPED-20010524AAX

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: WRAS

License No.: BXLED-20041110ACN

Name of Licensee: GEORGIA STATE UNIVERSITY

Station Location: GA-ATLANTA

Frequency (MHz): 88.5

Channel: 203

Class: C1

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: 19.5 kW

Antenna type: Non-Directional

Description: ERI SHPX-4AE

Antenna Coordinates: North Latitude: 33 deg 41 min 04 sec
West Longitude: 84 deg 17 min 23 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	37	37
Height of radiation center above ground (Meters):	128	128
Height of radiation center above mean sea level (Meters):	361	361
Height of radiation center above average terrain (Meters):	93	93

Antenna structure registration number: 1022856

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 ***