



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

COLUMBUS COUNTY SCHOOLS
2586 James B White Hwy North
WHITEVILLE NC 28472

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 175138

Call Sign: WZCO

License File Number: BLED-20120327AAI

Grant Date: September 06, 2013

This license expires 3:00 a.m.
local time, December 01, 2019.

This license covers permit no.: BMPED-20130123ACA

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: WZCO

License No.: BLED-20120327AAI

Name of Licensee: COLUMBUS COUNTY SCHOOLS

Station Location: NC-CHADBOURN

Frequency (MHz): 89.9

Channel: 210

Class: C2

Hours of Operation: Unlimited

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

Transmitter output power: 9.9 kW

Antenna type: Directional

Description: JAM JAMPRO JFVX 3/2/3-R JFHD-1/1(1)R DA

Antenna Coordinates: North Latitude: 34 deg 32 min 17 sec

West Longitude: 78 deg 42 min 36 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	4.5	25.0
Height of radiation center above ground (Meters):	97	100
Height of radiation center above mean sea level (Meters):	136	139
Height of radiation center above average terrain (Meters):	110	113

Antenna structure registration number: 1208979

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 Pursuant to 47 CFR Sections 73.7002(c) and 73.7005(b) the permittee/licensee is required to construct and operate for a period of four years of on-air operations technical facilities substantially as proposed and shall not downgrade service to the area on which the preference was based.

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 this construction permit.

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

25.0 kilowatts.

Principal minima and their associated field strength limits:

135 degrees True: 5.6 kilowatts
200 degrees True: 4.5 kilowatts
340 degrees True: 1.25 kilowatts.

- 3 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 ***