



United States of America
FEDERAL COMMUNICATIONS COMMISSION
TELEVISION BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CENTRAL MICHIGAN UNIVERSITY
PUBLIC BROADCASTING
1999 EAST CAMPUS DR.
MT. PLEASANT MI 48859

Clay C. Pendarvis
Associate Chief
Video Division
Media Bureau

Facility Id: 9913

Analog TSID: 1528

Digital TSID: 1529

Call Sign: WCMW

License File Number: BLEDT-20090612ABH

This license covers permit no.: BMPEDT-20080617ABS

Grant Date: June 16, 2010

This license expires 3:00 a.m.
local time, October 01, 2013.

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: WCMW

License No.: BLEDT-20090612ABH

Name of Licensee: CENTRAL MICHIGAN UNIVERSITY

Station Location: MI-MANISTEE

Frequency (MHz): 512 - 518

Channel: 21

Hours of Operation: Unlimited

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

Antenna type: (directional or non-directional): Directional

Description: DIE, TFU-18JSC-R-C170

Beam Tilt: 1.5 Degrees Electrical

Major lobe directions 20 160
(degrees true):

Antenna Coordinates: North Latitude: 44 deg 03 min 57 sec

 West Longitude: 86 deg 19 min 58 sec

Transmitter output power: 3.49 kW
 5.43 DBK

Maximum effective radiated power (Average): 70 kW
 18.45 DBK

Height of radiation center above ground: 117 Meters

Height of radiation center above mean sea level: 336 Meters

Height of radiation center above average terrain: 134 Meters

Antenna structure registration number: 1052328

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

*** END OF AUTHORIZATION ***