



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**TELEVISION BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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

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Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 9917

Analog TSID: 1456

Digital TSID: 1457

Call Sign: WCML

License File Number: BLEDT-20050914AAF

This license covers permit no.: BMPEDT-20010614AJZ

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Grant Date: November 07, 2005

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.

Name of Licensee: CENTRAL MICHIGAN UNIVERSITY

Station Location: MI-ALPENA

Frequency (MHz): 728 - 734

Channel: 57

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): Non-Directional

Description: DIE, TUF P4 12/48

Beam Tilt: 0.25 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 45 deg 08 min 18 sec  
West Longitude: 84 deg 09 min 45 sec

Transmitter output power: 6 kW  
7.75 DBK

Maximum effective radiated power (Average): 200 kW  
23.01 DBK

Height of radiation center above ground: 350 Meters

Height of radiation center above mean sea level: 673 Meters

Height of radiation center above average terrain: 393 Meters

Antenna structure registration number: 1002163

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 This is to notify you that your application for license is subject to the condition that on February 17, 2009, or by such other date as the Commission may establish in the future under Section 309(j)(14)(a) and (b) of the Communications Act, the licensee shall surrender either its analog or digital television channel for reallocation or reassignment pursuant to Commission regulations. The Channel retained by the licensee will be used to broadcast digital television only after this date.

\*\*\* END OF AUTHORIZATION \*\*\*