



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION CONSTRUCTION PERMIT**

Official Mailing Address:

MAGNUM COMMUNICATIONS, INC.

P.O. BOX 118

WEST BEND WI 53095

Authorizing Official:

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Facility Id: 59233

Call Sign: WRDB

Permit File Number: BP-20221115AAC

Grant Date: March 16, 2023

This permit expires 3:00 a.m.  
local time, 36 months after the  
grant date specified above.

Permit to replace old tall tower with new shorter Valcom antenna.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

Jan.	7:30 AM	4:45 PM	Jul.	4:30 AM	7:45 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:00 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:15 AM	6:45 PM	Oct.	6:15 AM	5:15 PM
May	4:30 AM	7:15 PM	Nov.	7:00 AM	4:30 PM
Jun.	4:15 AM	7:45 PM	Dec.	7:30 AM	4:30 PM

Callsign: WRDB

Permit No.: BP-20221115AAC

Name of Permittee: MAGNUM COMMUNICATIONS, INC.

Station Location: REEDSBURG, WI

Frequency (kHz): 1400

Station Class: C

Antenna Coordinates:

Day

Latitude: N 43 Deg 32 Min 29 Sec

Longitude: W 90 Deg 02 Min 06 Sec

Night

Latitude: N 43 Deg 32 Min 29 Sec

Longitude: W 90 Deg 02 Min 06 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.64

Antenna Mode: Day: ND Night: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	24.4

Night:

Tower No.	ASRN	
1	None	24.4

Non-Directional Antenna: Day

Radiator Height: 22.9 meters; 38.4 deg

Theoretical Efficiency: 283.6 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 22.9 meters; 38.4 deg

Theoretical Efficiency: 283.6 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 2 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 3 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 4 Licensee shall accept such interference as may be imposed by other existing 250 watt Class C stations in the event that they are subsequently authorized to increase power to 1000 watts.
- 5 Using a new Valcom antenna system with exisitng ground system that consists of 120 equally spaced, buried, copper radials, each 53.3 meters in length, about the base of the tower.

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