



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

Authorizing Official:

*Son Nguyen*

Official Mailing Address:

MIRACLE RADIO, INC.  
 3801 N. PACE BLVD  
 PENSACOLA FL 32505

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Grant Date: April 06, 2021

Facility Id: 18399

Call Sign: WBSR

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

Permit File Number: BP-20201218AAH

Permit to change site and co-locate with WVTJ and WPNN.

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.	7:45 AM	6:15 PM	Jul.	6:00 AM	8:00 PM
Feb.	7:30 AM	6:30 PM	Aug.	6:15 AM	7:30 PM
Mar.	7:00 AM	7:00 PM	Sep.	6:30 AM	7:00 PM
Apr.	6:30 AM	7:15 PM	Oct.	6:45 AM	6:15 PM
May	6:00 AM	7:30 PM	Nov.	7:15 AM	5:45 PM
Jun.	5:45 AM	7:45 PM	Dec.	7:45 AM	5:45 PM

Callsign: WBSR

Permit No.: BP-20201218AAH

Name of Permittee: MIRACLE RADIO, INC.

Station Location: PENSACOLA, FL

Frequency (kHz): 1450

Station Class: C

Antenna Coordinates:

Day

Latitude: N 30 Deg 27 Min 09 Sec

Longitude: W 87 Deg 14 Min 26 Sec

Night

Latitude: N 30 Deg 27 Min 09 Sec

Longitude: W 87 Deg 14 Min 26 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: 1.0

Antenna Mode: Day: ND Night: ND

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1254945	

Night:

Tower No.	ASRN	Overall Height (m)
1	1254945	

Non-Directional Antenna: Day

Radiator Height: 91.4 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73

Tower No.	A	B
1	159.1	28.40

Theoretical Efficiency: 391.1 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 91.4 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73

Tower No.	A	B
1	159.1	28.40

Theoretical Efficiency: 391.1 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 Before program tests are authorized, permittee shall submit sufficient current distribution measurement data to establish clearly that the current distribution approximates that of an antenna with electrical height of 187.5 degrees as proposed.
  
- 3 Prior to construction of the tower authorized herein, permittee shall notify AM Station WCOA ID # 12142 so that, if necessary that AM station: may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.
  
- 4 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations WBSR and WVTJ ID #9319 and WPNN ID# 43135, and there shall be filed with the license application copies of a firm agreement entered into by the three stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated. Following construction, and prior to authorization of program test under this grant, all three stations shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.

Special operating conditions or restrictions:

- 5 Permittee/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.
  
- 6 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.
  
- 7 Existing WPNN ground system consists of 120 equally spaced, buried, copper radials varying from 55 to 95 meters, plus a copper ground screen 14.6 meters square, about the base of the tower.

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