



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

Authorizing Official:

Official Mailing Address:

CUMULUS LICENSING LLC
 3280 PEACHTREE ROAD, NW
 SUITE 2200
 ATLANTA GA 30305

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 12142

Call Sign: WCOA

Permit File Number: BP-20210319AAJ

Grant Date: June 07, 2021

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

Change tower heights and related parameters.

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: WCOA

Permit No.: BP-20210319AAJ

Name of Permittee: CUMULUS LICENSING LLC

Station Location: PENSACOLA, FL

Frequency (kHz): 1370

Station Class: B

Antenna Coordinates:

Day

Latitude: N 30 Deg 26 Min 58 Sec

Longitude: W 87 Deg 15 Min 47 Sec

Night

Latitude: N 30 Deg 26 Min 58 Sec

Longitude: W 87 Deg 15 Min 47 Sec

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

Nominal Power (kW): Day: 5.0 Night: 4.4

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
2	None	59.7

Night:

Tower No.	ASRN	
1	None	59.7
2	None	59.7
3	None	59.7

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 701.2
 Standard RMS (mV/m/km): Night: 736.7
 Augmented RMS (mV/m/km):
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	96.3
2	1.0700	135.000	90.0000	290.000	0	96.3
3	0.5700	-90.000	180.0000	290.000	0	96.3

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Non-Directional Antenna: Day

Radiator Height: 58.5 meters; 96.3 deg
 Theoretical Efficiency: 309.9 mV/m/kw at 1km

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Night:

Azimuth:	Radiation:
18.4	193.975 mV/m
201.6	193.975 mV/m
276.6	193.974 mV/m
303.4	193.974 mV/m

Special operating conditions or restrictions:

- 1 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.

Special operating conditions or restrictions:

- 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 The existing ground system consists of 120 - 61 meter (0.25 wavelength) long radials plus 120 - 15.2 meter interspaced, buried copper radials except where shortened due to property boundaries or where bonded to a transverse copper strap midway between adjacent towers.

- 4 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.

- 5 The permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized.
A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the night directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules.
Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).

*** END OF AUTHORIZATION ***