



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:



Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Official Mailing Address:

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

Grant Date: August 31, 2022

This license expires 3:00 a.m.
 local time, February 01, 2028.

Facility Id: 12142

Call Sign: WCOA

License File Number: BL-20220607AAB

This license covers permit no.: BP-20210319AAJ

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.

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

License No.: BL-20220607AAB

Name of Licensee: 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 Input Power (kW): Day: 5.00 Night: 4.75

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 7.62 Night: 9.75

Resistance (ohms): Day: 86 Night: 50

Non-Directional Antenna: Day

Radiator Height: 58.5 meters; 96.3 deg

Theoretical Efficiency: 309.9 mV/m/kw at 1km

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

Antenna Monitor: POTOMAC INSTRUMENTS 1901-3

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
18.4	4.29	4.65
201.6	3.79	9.19
276.6	3.97	4.98
303.4	4.12	4.28

Special operating conditions or restrictions:

- 1 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.

Special operating conditions or restrictions:

2 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.

3 MONITORING POINT DESCRIPTIONS, NIGHTTIME

18.4 Degrees True Radial The measurement point is located near the stop sign on the northeast corner of N Palafox Street and Arthur Lane in Pensacola, Florida. Point Number: 12, Distance from transmitter site: 4.29 km, Nighttime measured field strength: 3.85 mV/m.

201.6 Degrees True Radial The measurement point is located near the stop sign on the northwest corner of N Jackson Street and 46th Avenue across from Rodriguez Barbershop in Pensacola, Florida. Point Number: 10, Distance from transmitter site: 3.79 km, Nighttime measured field strength: 7.50 mV/m.

276.6 Degrees True Radial The measurement point is located at the curb on the west side of Avondale Road across from mailbox for #5736 in Pensacola, Florida. Point Number: 11, Distance from transmitter site: 3.97 km, Nighttime measured field strength: 4.70 mV/m.

303.4 Degrees True Radial The measurement point is located on the north edge of the driveway on the west side of Community Drive adjacent to mailbox #6725 in Pensacola, Florida. Point Number: 11, Distance from transmitter site: 4.12 km, Nighttime measured field strength: 3.65 mV/m.

*** END OF AUTHORIZATION ***