



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

 GREGORY COMMUNICATIONS LICENSE, INC.
 2121 PARTRIDGE PLACE
 SUFFOLK VA 23433

 Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 72731

Call Sign: WGAI

License File Number: BL-20040831ACS

Grant Date: July 26, 2005

This license expires 3:00 a.m.
 local time, December 01, 2011.

This license covers permit no.: BP-20040405AAK

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

Callsign: WGAI

License No.: BL-20040831ACS

Name of Licensee: GREGORY COMMUNICATIONS LICENSE, INC.

Station Location: ELIZABETH CITY, NC

Frequency (kHz): 560

Station Class: B

Antenna Coordinates:

Day

Latitude: N 36 Deg 20 Min 16 Sec

Longitude: W 76 Deg 14 Min 49 Sec

Night

Latitude: N 36 Deg 20 Min 16 Sec

Longitude: W 76 Deg 14 Min 49 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: 0.5

Antenna Input Power (kW): Day: 1.08 Night: 0.54

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 4.65 Night: 3.29

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1061310	
2	1242552	

Night:

Tower No.	ASRN	Overall Height (m)
1	1061310	
2	1242552	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 297.36 Night: 199.56

Standard RMS (mV/m/km): Day: 312.22 Night: 209.53

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day 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	65.6
2	0.8170	158.330	60.0000	310.680	0	65.6

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

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	65.6
2	0.8170	158.330	60.0000	310.680	0	65.6

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-159	0.8
2	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-159	0.8
2	0	1

Antenna Monitor: POTOMAC INSTRUMENTS, AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
19.5	4.86	13.5
242	3.57	17.8
311	6.3	27.3

Special operating conditions or restrictions:

1 Ground system consists of: 120 equally spaced, buried, copper radials 129.53 meters in length except where limited by north and west property lines and where radials intersect, about the base of each tower. Copper strap between tower bases and at line of intersection of radials. 24'x24' copper ground screen under each tower

2 MONITOR POINT DESCRIPTIONS

19.5°- From the parking lot of the station, turn right and go to US 17, turn left on US 17 and proceed NW for 8.2 miles to junction of US 17 and US 158. Turn right on US 17 and proceed N\NE for 2.65 miles to junction of US 17 and NC 343. Proceed south on NC 343 for 7.5 miles to the junction of NC 3434 and RR 1208. At this junction, turn around and go back west on NC 343 for 0.39 miles. Make reading on north side of road (opposite large pine tree on south side of road). The field intensity measured at this point should not exceed 13.5 mV/m.

242° - From the parking lot of the station, turn right and go to US 17, turn left on US 17 and proceed NW for 1.6 miles to junction of US 17 and RR 1338. Turn left on RR 1338 and proceed SW for 1.36 miles to junction of RR1338 and RR 1333. Turn left and proceed SE on RR 1333 for 1.25 miles to junction of RR 1333 and RR 1336. From this junction proceed SE on RR 1333 for 800 feet (to middle of curve). Measure on south side of the road, twelve feet from the center line. The field intensity measured at this point should not exceed 17.8 mV/m.

292°- From the parking lot of the station, turn right and go to US 17, turn left on US 17 and proceed NW for 3.3 miles to junction of US 17 and RR 1333. From this junction proceed NW on US 17 for 0.7 miles. Turn left off the road and park beside the telephone company pole #178. Walk from the center line of the road 63 feet (edge of old abandoned wooden building) and read. The field intensity measured at this point should not exceed 27.3 mV/m.

*** END OF AUTHORIZATION ***