

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-811030AA

Call Sign: W G R O

STANDARD BROADCAST STATION LICENSE  
MODIFIED

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, <sup>1</sup>the LICENSEE

WGRO RADIO, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time FEBRUARY 1, 1989

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 960 kHz.
2. With nominal power of 1 kilo watts nighttime and 500 watts daytime,  
with antenna input power of 1080 watts ---directional [Common Point current 4.65 amperes  
antenna nighttime ..... [Common Point resistance 50 ohms,  
and antenna input power of 500 watts non-directional [Antenna current 3.58 amperes  
antenna daytime ..... [Antenna resistance 39 ohms
3. Hours of operation: Unlimited:  
Jan. 7:30 am to 5:45 pm; Feb. 7:15 am to 6:15 pm;  
Mar. 6:45 am to 6:45 pm; Apr. 6:00 am to 7:00 pm;  
May 5:30 am to 7:15 pm; June 5:30 am to 7:30 pm;  
July 5:45 am to 7:30 pm; Aug. 6:00 am to 7:15 pm;  
Sep. 6:15 am to 6:30 pm; Oct. 6:30 am to 6:00 pm;  
Nov. 7:00 am to 5:30 pm; Dec. 7:15 am to 5:30 pm;  
Eastern Standard Time (Non-Advanced)
4. With the station located at: Lake City, Florida
5. With the main studio located at: 30 North Hernando Street  
Lake City, Florida
6. Remote control point: 30 North Hernando Street  
Lake City, Florida (while using non-DA only)
7. Transmitter location: North Latitude: 30° 11' 47"  
1.2 mi. M.N.E. of intersection of Highways 82° 40' 48"  
U.S. 90 & I-75, Lake City, Florida West Longitude:
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11 & 21.
9. Transmitter(s): Type Accepted
10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee 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 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.

<sup>1</sup>/ This license consists of this page and pages 2 & 3.

Dated: \_\_\_\_\_

FEDERAL  
COMMUNICATIONS  
COMMISSION



File NO.: BL-811030AA

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Date: 1-28-82

DA-

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two (2) uniform cross section, guyed, insulated steel towers. Theoretical RMS = 180.72 mV/m night. Standard RMS = 189.87 mV/m, night

Height above Insulators: 240' (84.3°)

Overall Height: 245'

Spacing and Orientation: Towers spaced 160° (455') on a line bearing 338° E.

Non-Directional Antenna: NW(#2)

Ground System consists of 120-256' radials about base each tower. Where radials would overlap are bonded to a copper strap. A 24'x 24' copper ground screen will be constructed at the base of each tower.

2. THEORETICAL SPECIFICATIONS

	TOWER	SE(#1)	NW(#2)
Phasing:	Night	0°	47°

Field Ratio: Night	1	.85
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3. OPERATING SPECIFICATIONS

Phase Indication*	Night	0°	47°
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Antenna Base			
Current Ratio	Night	1.00	0.910

Antenna Monitor Sample			
Current Ratio	Night	1.00	0.88

\* As indicated by Potomac Instruments AM-19 (204)

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $12^{\circ}$  true North. From transmitter proceed out trail to gate. Turn left on Harris Lake Drive and proceed approximately 0.8 miles. Take right on Egret Drive for 0.1 mile. Go left on Fairway View Drive approximately 1 mile to U. S. 90. Go left (East) on U. S. 90 for approximately 3 miles. Go North (left) on U. S. 41 (First Street). Proceed North 4.5 miles. Pass under I-10. Approximately 0.15 miles North of I-10 go East on Moore Road (Florida 131). Proceed Northeast on Florida 131 for approximately 0.3 miles and take right onto Old Falling Creek Road. Proceed approximately 0.3 miles South to point where road makes  $90^{\circ}$  turn to left. Proceed East 0.25 miles to persimmon tree on North side of road. Make Measurement on North side of road at tree. Distance 3.47 miles from antenna. The field intensity measured at this point should not exceed 2.0 mv/m.

Direction of  $158^{\circ}$  true North. From transmitter proceed out trail to gate. Turn left on Harris Lake Drive and proceed approximately 0.8 miles. Take right on Egret Drive for 0.1 mile. Go left on Fairway View Drive approximately 1 mile to U. S. 90. Go left on U. S. 90. In approximately 1.7 miles (0.5 miles past junction of Florida 247) take a right on Sisters Welcom Road. Proceed 1.1 miles to paint mark on West side of road. Paint is nine (9) paces North of a 24-inch concrete culvert. Stand on paint mark to make measurement. Distance 2.28 miles from antenna. The field intensity measured at this point should not exceed 62.2 mv/m.

Direction of  $304^{\circ}$  true North. From transmitter proceed out trail to gate. Turn left on Harris Lake Drive and proceed approximately 0.8 miles. Take right on Egret Drive for 0.1 mile. Go left on Fairway View Drive approximately 1 mile to U. S. 90. Go right on U. S. 90 and immediately go right onto Interstate 75 Northbound. Proceed to the I-10 interstate interchange. Exit onto I-10 Westbound, then immediately exit onto I-75 Southbound. Proceed to milepost 431. Measurement point is 3 paces Southwest of milepost marker. Distance 1.79 miles from antenna. The field intensity measured at this point should not exceed 7.6 mv/m.