

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

File No. : BR-811001XL  
          : BL-801215AI  
FAC ID : 21766  
Call Sign : W H N R

LICENSEE:

FLORIDA COMMUNITY RADIO, INC.

1. Community of License : Cypress Gardens, FL

2. Transmitter location : 1505 Dundee Road  
Winter Haven, FL

North latitude : 28 ° 01 ' 16 "  
West longitude : 81 ° 42 ' 02 "

6. Antenna and ground system: A T T A C H E D

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

4. Main Studio location: (See Section 73.1125)  
1505 Dundee Road  
Winter Haven, FL

5. Remote control location:

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 12 & 21

8. Frequency : 1360 kHz

9. Nominal power (kW) : 5 kW Day 2.5 kW Night

Antenna input power (kW) :

5.4 Day

Non-directional antenna:  
 Directional antenna : current 10.0 amperes; resistance 54 ohms.

2.31 Night

Non-directional antenna:  
 Directional antenna : current 6.54 amperes; resistance 54 ohms.

10. Hours of operation: Specified in BR-81101XL and BL-801215AI

11. Conditions :

11-18-93 --THIS SUPERSEDES AUTHORIZATION AS OF SAME DATE TO CORRECT  
NAME OF LICENSEE. ALSO TO UPDATE EXPIRATION DATE OF LICENSE.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license, the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

February 1, 1996

The Commission reserves the right during said license period of terminating this license or making effective any change, 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.

The license is issued on the licensee's representation that the statements contained in the 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, as amended. This license is subject to the right of use or control by the Government of the United States conferred by Section 608 of the Communications Act of 1934, as amended.



BR-811001XL

File NO.: BL801215AI

Call Sign: \_\_\_\_\_

Date: 1-29-82

DA- 2

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

**No. and Type of Elements:** Three guyed, uniform cross section series excited towers.  
Theoretical RMS: 487.18 mV/m day; 276.76 mV/m night. Standard RMS: 511.55 mV/m, day 290.60 mV/m night. Two communications type antennas sidemounted on N(#1) tower.

<b>Height above Insulators:</b>	#1	#2	
	160'(80°)	180'(90°)	362'(180°)
<b>Overall Height:</b>	163'	183'	365'

**Spacing and Orientation:** With tower #1 as reference, tower #2 is spaced 210.6° on a line bearing 182° T and tower #3 is spaced 187.7° on a line bearing 163.2° T.

**Non-Directional Antenna:**

Ground System consists of 120 radials of #10 copper wire about each tower 180' long joined to a 4" copper strap where radials overlap. 24 x 24 copper screen about the base of each tower. 4" copper strap joins all towers.

2. THEORETICAL SPECIFICATIONS

	Tower	N(#1)	S(#2)	SE(#3)
<b>Phasing:</b>	Night	0°	67.58°	-35.28°
	Day	0°	134.61°	-44.76°
<b>Field Ratio:</b>	Night	1.0	0.932	0.975
	Day	1.0	0.587	1.968

3. OPERATING SPECIFICATIONS

**Phase Indication\*:**

Night	0°	133.3°	92.9°
Day	0°	-149.8°	97.8°

**Antenna Base**

<b>Current Ratio:</b>	Night	1.00	0.815	0.396
	Day	1.00	0.453	0.485

**Antenna Monitor Sample**

<b>Current Ratio:</b>	Night	1.00	0.777	0.553
	Day	1.00	0.43	1.031

\* As indicated by Potomac Instruments AM-19D(210) antenna monitor.

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 seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $17^{\circ}$  true North. From station parking lot, turn left proceeding west on Florida Rt. 542 for 2.03 miles, to US Highway 17. Turn right, proceeding north 1.47 miles to Florida Rt. 544 and turn right. Proceed 3.80 miles to the monitor point, which is marked. The distance is 3.4 miles. The field intensity measured at this point should not exceed 24.4 mv/m Daytime.

Direction of  $144.5^{\circ}$  true North. From station parking lot, turn right proceeding east on Florida Rt. 542, 4.2 miles to US Highway 27. Turn right and proceed south 2.8 miles to Florida Rt. 540. Turn right, proceeding west 1.76 miles to Florida Rt. 540A, turn left on 540A the monitor point is 0.4 miles and is marked. The distance is 3.80 miles. The field intensity measured at this point should not exceed 11.6 mv/m Nighttime.

Direction of  $154^{\circ}$  true North. From station parking lot, turn right, proceeding east on Florida Rt. 542, 4.2 miles to US Highway 27. Turn right and proceed south 2.8 miles to Florida Rt. 540. Turn right, proceeding west 1.76 miles to Florida Rt. 540A, turn left, going south 1.61 miles to Thompson Nursery Road. The point is 0.16 miles on this road and is marked. The distance is 3.8 miles. The field intensity measured at this point should not exceed 22.7 mv/m Daytime.

Direction of  $186^{\circ}$  true North. From station parking lot, turn right proceeding east on Florida Rt. 542, 4.2 miles to US Highway 27. Turn right and proceed south 2.8 miles to Florida Rt. 540. Turn right, proceeding west 1.76 miles to Florida Rt. 540A, turn left and proceed 4.2 miles to the point which is marked on the right side of the road. The distance is 3.71 miles. The field intensity measured at this point should not exceed 19.4 mv/m Nighttime.

Direction of  $295^{\circ}$  true North. From station parking lot, turn left proceeding west on Florida Rt. 542 for 2.03 miles, to US Highway 17. Turn right, proceeding north, 1.47 miles to Florida Rt. 544. Turn left going west, 2.7 miles and turn left into the parking lot of "Havendale Square Shopping Center." The point is 0.1 miles down the drive and is marked. The distance is 5.43 miles. The field intensity measured at this point should not exceed 49.6 mv/m Daytime.

Direction of  $334.5^{\circ}$  true North. From station parking lot, turn left proceeding west on Florida Rt. 542 for 2.03 miles, to US Highway 17. Turn right proceeding north to US Highway 17-92. Turn right, proceeding northeast 0.15 miles to the monitor point which is marked on the south side of the road. The distance is 4.22 miles. The field intensity measured at this point should not exceed 5.6 mv/m Nighttime.