

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-800804AM

Call Sign: W L C Y

STANDARD BROADCAST STATION LICENSE

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, the LICENSEE

FLORIDA 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, 1982

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

1. On a frequency of 1380 KHz.
2. With nominal power of 5 kilowatts nighttime and 5 kilowatts daytime,
 

with antenna input power of 5400 watts - directional	common point	current 10 amperes
antenna nighttime .....	common point	resistance 54 ohms,
and antenna input power of 5000 watts non directional	antenna	current 11.25 amperes
antenna daytime .....	antenna	resistance 39.5 ohms

3. Hours of operation: Unlimited:

Average hours of sunrise and sunset:

- Jan. 7:30am to 6:00pm; Feb. 7:15am to 6:15pm;
- Mar. 6:45am to 6:45pm; Apr. 6:00am to 7:00pm;
- May 5:45am to 7:15pm; June 5:30am to 7:30pm;
- July 5:45am to 7:30pm; Aug. 6:00am to 7:15pm;
- Sep. 6:15am to 6:30pm; Oct. 6:30am to 6:00pm;
- Nov. 6:45am to 5:30pm; Dec. 7:15am to 5:30pm;

Eastern Standard Time (non-advanced)

4. With the station located at: St. Petersburg, Florida
5. With the main studio located at: 10051 Fifth Street, North, St. Petersburg, Florida

Remote control point: 10051 Fifth Street, North, St. Petersburg, Florida

Transmitter location:	North Latitude:	27 ° 52 ' 15 "
	West Longitude:	82 ° 37 ' 03 "

11450 Gandy Boulevard  
St. Petersburg, Florida

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 2, 12 & 21 (for end towers; 1, 3, 12 & 21 (for center tower).
9. Transmitter(s): FCC 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'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 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.

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

Dated December 2, 1980

FEDERAL  
COMMUNICATIONS  
COMMISSION



File No.: BZ-800804AM

Call Sign: WLCY

Date: 12-3-80

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

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No. and Type of Elements: Three series excited, vertical radiators. End towers tapered, self-supporting. Center tower uniform cross-section, guyed, supports an FM antenna. A communications antenna and two microwave dishes are side-mounted on the Center (#2) tower.

Height above Insulators:	<u>End towers</u>	<u>C(#2) tower</u>
	178' (90°)	445' (225°)
Overall Height:	182'	449'

Spacing and Orientation: 178' (90°) between adjacent towers. Line of towers b. 156° true.

Non-Directional Antenna: C(#2), with end towers open circuited at base.

Ground System consists of 120 equally spaced, buried, copper radials about each tower, radials 180' long or to common bond midway between adjacent towers 120-50' buried copper radials about the base of each tower.

2. THEORETICAL SPECIFICATIONS

	Tower	N(#1)	C(32)	S(#3)
Phasing:	Night	85°	16°	-85°
Field Ratio:	Night	1.0	1.87	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	-162°	0°	-3°
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Antenna Base				
Current Ratio:	Night	0.51	1.00	0.54

Antenna Monitor Sample				
Current Ratio:	Night	0.38	1.00	0.43

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

Field intensity 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  $290^{\circ}$  true north. From the transmitter site proceed southwest on Gandy Blvd. for 1.3 miles to Roosevelt Blvd. Proceed northwest on Roosevelt Blvd to Ulmerton Rd. Turn left over overpass and drive west 0.15 mile to traffic light at 34th St., North. Turn left 0.15 mile on 34th St., North to south end of guard rail on west side of the road. At end of this guard rail walk west across pipe in ditch on service road on canal 60 paces. Turn left and walk 30 paces along embankment extending south into pond. The point is near the end of this embankment. Distance from the transmitter is 4 miles. The field intensity measured at this point should not exceed 24.0 mV/m.

Direction of  $336^{\circ}$  true north. From the  $290^{\circ}$  point, return to Ulmerton Rd. and proceed west for approximately 2.5 miles to U.S. Rt. 19 and turn right proceeding north on U.S. 19 for 4.7 miles to Florida Rt. 60. Turn right going east for 3.9 miles to the monitor point located 0.75 mile east of the center of a small causeway bridge on the Florida Rt. 60 Courtney Campbell Causeway, midway between concrete seawall and a single pine tree on south side of the causeway. Distance from the transmitter is 7.05 miles. The field intensity measured at this point should not exceed 15.0 mV/m.

Direction of  $22^{\circ}$  true north. From the  $336^{\circ}$  point, continue east on Florida Rt. 60, 5.6 miles. The point is located 2.8 miles east of the long bridge on Courtney Campbell Causeway. Proceed to the south side of the road on the beach on the east side of Lifeguard Station #2, which is located 100' east and 100' south of the southeast corner of the Tampa Municipal Beach Building. Distance from the transmitter is 7.26 miles. The field intensity measured at this point should not exceed 12.0 mV/m.