

AM BROADCAST STATION LICENSE

Call Sign : WRBQ

LICENSEE: Clear Channel Radio Licenses, Inc.

- 1. Community of License. . . : St. Petersburg, Florida
- 2. Transmitter location. . . . : 11430 Gandy Boulevard
St. Petersburg, Florida

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

- 6. Antenna and ground system:
Attached

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)

5. Remote control location
5510 Gray Street
Tampa, Florida

- 7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 2, 12 & 21 (for end towers); 1, 3, 12 & 21 (for center tower).

8. Frequency. : 1380 kHz

9. Nominal power (kW). : 5.0 Day 5.0 Night

Antenna input power (kW) :

5.0	Day	<input checked="" type="checkbox"/> Non-directional antenna	current	9.9	amperes:	resistance	51	ohms.
		<input type="checkbox"/> Directional antenna	:					
5.4	Night	<input type="checkbox"/> Non-directional antenna	current	10.4	amperes:	resistance	50	ohms.
		<input checked="" type="checkbox"/> Directional antenna	:					

10. Hours of operation: (previous authorization)

11. Conditions. : BS-941104WW: changed monitor point descriptions.

1/23/95: This supersedes authorization of same date correct description of the 290° TN monitoring point. EAL

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,¹ 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.

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 control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

EAL:rao

FEDERAL
COMMUNICATIONS
COMMISSION



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

Dated: DEC 7 1996

File No.: BS-941104WW

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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Three series excited, vertical radiators. End towers tapered, self-supporting. Center tower uniform cross-section, guyed. A communications antenna and two microwave dishes are side-mounted on the Center (#2) tower. Theoretical RMS: 877.09 mV/m at 1 km, night; Augmented RMS: 921.62 mV/m at 1km, night. Q = 22.36, night.

Height above Insulators:	<u>End towers</u>	<u>C#2) tower</u>
	54.27 m (90°)	135.67 m (225°)

Overall Height:	55.49 m	136.89 m
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Spacing and Orientation: 54.27 m (90°) between adjacent towers. Line of towers 156° true.

Non-Directional Antenna: C(#2), with end towers open circuited at base. Efficiency: 439.35 mV/m at 1km, day.

Ground System consists of 120 equally spaced, buried, copper radials about each tower, radials 54.88 m long or to common bond midway between adjacent towers. 120-15.24 m buried copper radials about the base of each tower.

2. **THEORETICAL SPECIFICATIONS**

Towers:		#1(N)	#2(C)	#3(S)
Phasing:	Night:	85°	16°	-85°
Field Ratio:	Night:	1.0	1.87	1.0

3. **OPERATING SPECIFICATIONS**

Phase Indication*:				
	Night:	80°	0°	-88°

Antenna Base				
Current Ratio:	Night:	0.819	1.00	0.681

Antenna Monitor Sample				
Current Ratio:	Night:	0.35	1.00	0.33

* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 290° True North. Proceed west on Gandy to Roosevelt Boulevard (Florida Route #686) to Ulmerton Road. Proceed N.W. on Ulmerton to the overpass. Turn left at first stop light over the overpass that is 34th Street and drive west 0.15 mile to north end of guard rail on west side of road. At end of this guard rail take reading near manhole cover. Distance from transmitter is 4 miles. The field intensity measured at this point should not exceed 24.0 mV/m.

Direction of 336° True North. From the 290° point, return to Ulmerton road and proceed west for approximately 2.5 miles to U.S. Route 19 and turn right proceeding north on U.S. 19 for 4.7 miles to Florida Route 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 (first small bridge) on the Florida Route 60 Courtney Campbell Causeway, midway between seawall and a speed limit 15 sign on south side of the causeway. Distance from transmitter is 7.05 miles. The field intensity measured at this point should not exceed 15.0 mV/m.

Direction of 22° True North. From the 336° point, continue east on Florida Route 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 the Lifeguard Station which is located approximately 50' east and 75' south of this southeast corner of the municipal beach building men's rest room. Distance from the transmitter is 7.26 miles. The field intensity measured at this point should not exceed 12.0 mV/m.