

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BZ-940318AA
FAC ID: 55005
Call Sign : WXXU
WTIR

LICENSEE: Champion Broadcasting of Florida, Inc.

1. Community of License. . . : Cocoa Beach, Florida
2. Transmitter location. : 32927 Pluckebaum Rd.,
1.5 mi West of 503
Cocoa Beach, Florida

North Latitude. : 28° 20' 38"
West Longitude. : 80° 46' 06"

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)
32927 Pluckebaum Rd
1.5 mi West of 503
Cocoa Beach, FL

5. Remote control location
Same

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11 & 21.

8. Frequency. : 1300 kHz

9. Nominal power (kW). : 5.0 Day 1.0 Night

Antenna input power (kW):

5.4	Day	<input type="checkbox"/> Non-directional antenna:	current	10.40	amperes:	resistance	50	ohms.
		<input checked="" type="checkbox"/> Directional antenna	:					
1.08	Night	<input type="checkbox"/> Non-directional antenna:	current	4.65	amperes:	resistance	50	ohms.
		<input checked="" type="checkbox"/> Directional antenna	:					

10. Hours of operation : BP-840723AG BP-860624AJ

11. Conditions. :

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.

JAV:rao

FEDERAL
COMMUNICATIONS
COMMISSION



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

Dated:

APR 06 1994

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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Three (3) vertical guyed, series excited steel radiators of uniform cross-section. Day: Theo. RMS = 681.2 mV/m/km; Std. RMS = 715.65 mV/m/km.

Q = 22.36. Night: Theoretical RMS = 305.78 mV/m/km; Augmented RMS = 322.67 mV/m/km; Q=14.05

Height above Insulators: 57.93m (90°)

Overall Height: 58.84m

Spacing and Orientation: Adjacent elements are spaced 57.77m (90°) on a line bearing 90° true.

Non-Directional Antenna: None used.

Ground System consists of 120-57.77m equally spaced copper radials plus a 14.63m by 19.63m ground screen about each tower. Radials are shortened and bonded to transverse straps along intersections between towers.

2. **THEORETICAL SPECIFICATIONS**

Towers:	#1(C)	#2(E)	#3(W)
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Phasing:	Night:	178.5°	24.4°	-24.4°
	Day:	0°	-55°	--

Field Ratio:	Night:	1.00	0.759	0.649
	Day:	1.00	1.00	--

3. **OPERATING SPECIFICATIONS**

Phase Indication*:

Night:	0°	-152°	156°
Day:	0°	-62°	--

Antenna Base

Current Ratio:

Night:	1.00	0.730	0.700
Day:	1.00	0.954	--

Antenna Monitor Sample

Current Ratio:

Night:	1.00	0.725	0.710
Day:	1.00	0.940	--

* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.

Antenna sampling system approved under Section 73.68 (b) of the Rules.

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DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction 13° True North. From the WRKT parking lot, go West on Pluckebaum Road for a distance of 0.25 miles to Range Road. Turn right and proceed Northward along Range Road for a distance of 2.5 miles. The name of the road will be changed to Michigan at this point. Continue North and Northeastward on Michigan for additional distance of 2.75 miles to US Highway 1. Turn left and proceed Northward for a distance of 0.85 miles to the intersection of State Road 528 (Bee Line Expressway). Pass under the Expressway and immediately turn right on the "on ramp", keep left and park on the grass. Walk forward to the point between the two on-ramp pavements. Look for orange colored paint designating the exact point. This is measurement site No. 22 and is 4.06 miles from the station. The field intensity measured at this point should not exceed 3.8 mV/m night.

Direction 270° True North. From the WRKT parking lot, go West on Pluckebaum Road for a distance of 0.25 miles to Range Road. Turn right and proceed Northward along Range Road for a distance of 0.7 miles to State Road 520. Turn left and go Westward along State Road 520 for a distance of 1.75 miles to Tucker Road. Turn left and proceed Southward for a distance of 1.25 miles to Pluckebaum Road. Turn right and proceed Westward along Pluckebaum Road for a distance of 1.5 miles to the monitoring point located on the West side of a circular driveway just East of the boat ramp at the shore line of Lake Poinsett. This is measurement site No. 21 and is 2.65 miles from the station. The field intensity measured at this point should not exceed 66.2 mV/m day, 45.6 mV/m night.

Direction 310° True North. From the WRKT parking lot, go West on Pluckebaum Road for a distance of 0.25 miles to Range Road. Turn right and proceed Northward along Range Road for a distance of 0.7 miles to State Road 520. Turn left and go Westward along State Road 520 for a distance of 2.1 miles to Friday Road. Turn right and proceed Northward along Friday Road to the monitoring point at the intersection of Friday Road and State Road 524. The monitoring point is located just off the pavement, West of Friday Road and South of State Road 524. This is measurement site No. 20, 3.05 miles from the station. The field intensity measured at this point should not exceed 77.8 mV/m day, 5.2 mV/m night.