

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BL-950901AB
Fac ID : 73930
Call Sign : WRBD WWWW

LICENSEE: WRBD, Inc.

1. Community of License . . . : Pompano Beach, Florida
2. Transmitter location : 4431 Rock Island Road
Tamarac, Florida

North Latitude : 26° 10' 46"
West Longitude : 80° 13' 15"

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)
4431 Rock Island Road
Tamarac, Florida

5. Remote control location

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

8. Frequency : 1470 kHz

9. Nominal power (kW) : 50 Day 2.5 Night

Antenna input power (kW) :

52.5 Day Non-directional antenna : current 32.4 amperes: resistance 50 ohms.
 Directional antenna :

2.7 Night Non-directional antenna : current 7.35 amperes: resistance 50 ohms.
 Directional antenna :

10. Hours of operation : BP-930603AD

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.

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FEDERAL
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COMMISSION



¹ This license consists of this page and pages 2, 3 & 4

Dated: DEC 14 1995

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WWJN

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Six (6) uniform, cross-section, guyed, series-excited vertical steel towers. Tower #3(S) supports an FM antenna and remote pick-up antenna. Theoretical RMS: 2298.4 mV/m/km, day; 523.04 mV/m/km, night. Standard RMS: 2414.46 mV/m/km, day; Augmented RMS: 550.32 mV/m/km, night. Q factor: 70.71, day, 25.31, night.

Height above Insulators: Towers #1, #2, #4, #5 & #6 = 50.9 m (90°); Tower #3 = 119.5 m (211°).

Overall Height: Towers #1, #2, #4, #5 & #6 = 51.8 m; Tower #3 = 121.3 m.

Spacing and Orientation: With tower #1(NE) as reference, tower #2(E) is spaced 90° on a line bearing 215° true; tower #3(S) is spaced 180° on a line bearing 215° true; tower #4(N) is spaced 90° on a line bearing 285° true; tower #5(W) is spaced 147.45° on a line bearing 250° true; and tower #6(SW) is spaced 227.12° on a line bearing 236.86° true.

Non-Directional Antenna: N/A

Ground System consists of 120 buried copper radials extending 51.8 meters long except where shortened at the property boundary and between towers.

2. THEORETICAL SPECIFICATIONS

Tower		#1(NE)	#2(E)	#3(S)	#4(N)	#5(W)	#6(SW)
Phasing:	Night:	0°	141°	-74°	161°	-58°	87°
	Day:	0°	102.3°	-129.7°	---	-153.2°	---
Field Ratio:	Night:	1.0	0.93	0.25	0.91	0.85	0.23
	Day:	1.0	1.693	0.828	---	0.296	---

3. OPERATING SPECIFICATIONS

Phase Indication*:

Night:	-145°	0°	160°	21.5°	160°	-54°
Day:	-116°	0°	144°	---	84.5°	---

Antenna Base

Current Ratio:

Night:	1.004	1.000	0.314	0.945	1.004	0.324
Day:	0.472	1.000	0.373	---	0.160	---

Antenna Monitor Sample

Current Ratio:

Night:	1.000	1.000	0.320	0.900	1.000	0.310
Day:	0.465	1.000	0.411	---	0.155	---

*As indicated by Potomac Instruments AM-19D.

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

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 3° True North. From WRBD transmitter on Rock Island Road, proceed north 2.65 miles to Kimberly Boulevard. Turn right and proceed east 0.05 miles to SW 70th Way. Turn left and proceed north 0.10 miles to SW 8th Street. Turn right and proceed east 0.12 miles to SW 68th Avenue. Turn right and proceed south 0.05 miles to SW 8th Court. Turn right and proceed west to the monitor point which is located in the culdesac at the end of the street in front of 6830 SW 8th Court. Distance from the transmitter site is 2.7 miles. The field intensity measured at this point should not exceed 13.5 mV/m, Nighttime.

Direction of 188.5° True North. From WRBD transmitter on Rock Island Road, proceed south 1.1 miles to Oakland Park Boulevard. Turn right and proceed west 0.25 miles to N.W. 56th Avenue. Turn left and proceed south on N.W. 56th Avenue 1.15 miles to N.W. 18th Place. Turn right and proceed west 0.04 miles to N.W. 56th Terrace. Turn right and proceed north to the culdesac at the end of N.W. 56th Terrace. The Monitor point is located on the northwest corner of the culdesac. Distance from the transmitter site is 3.43 kilometers. The field intensity measured at this point should not exceed 14.3 mV/m, Daytime.

Direction of 207° True North. From WRBD transmitter on Rock Island Road, proceed south 1.1 miles to Oakland Park Boulevard. Turn right and proceed west 2.1 miles to University Boulevard. Turn left and proceed south 1.3 miles to Sunrise Boulevard. Turn left and proceed east 0.75 miles to N.W. 70th Avenue. Turn right and proceed south 0.8 miles to N.W. 11th Street. Turn right and proceed west 0.15 miles to monitor point. The monitor point is located at the corner of N.W. 11th Street and N.W. 71st Avenue in front of the house at 7080 N.W. 11th Street. Distance from the transmitter site is 3.2 miles. The field intensity measured at this point should not exceed 10.0 mV/m, Nighttime.

Direction of 247° True North. From WRBD transmitter on Rock Island Road, proceed south 1.1 miles to Oakland Park Boulevard. Turn right and proceed west 2.9 miles to Pine Island Road. Turn left and proceed south 0.40 miles to Sunrise Lakes Boulevard. Turn right and proceed west 0.5 miles to N.W. 94th Way. Turn left and proceed south 0.1 mile to south side of the canal. The monitor point is located at the edge of the guard rail on the sidewalk across the street from the driveway of 2650 N.W. 94th Way. Distance from the transmitter site is 3.8 miles. The field intensity measured at this point should not exceed 20.0 mV/m, Nighttime.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 270° True North. From WRBD transmitter on Rock Island, proceed south 0.1 mile to N.W. 44th Street. Turn right and proceed west 1.75 miles and turn right. Proceed west on N.W. 44th Street 0.4 miles to N.W. 77th Terrace. Turn right and proceed north 0.05 miles to N.W. 44th Court. Turn left and proceed west 0.2 miles to the intersection of N.W. 44th Court and N.W. 45th Street. The monitor point is located in the middle of the intersection, next to the manhole cover. Distance from the transmitter site is 2.27 miles. The field intensity measured at this point should not exceed 35.0 mV/m, Nighttime.

Direction of 289° True North. From WRBD transmitter on Rock Island Road, proceed north 1.0 miles to Commercial Boulevard. Turn left and proceed west 2.8 miles to the monitor point. The monitor point is located in the vacant lot with paved driveway 50 feet north of Commercial Boulevard. Distance from the transmitter site is 4.78 kilometers. The field intensity measured at this point should not exceed 77.8 mV/m, Daytime.

Direction of 330° True North. From WRBD transmitter on Rock Island Road, proceed north 3.8 miles to Atlantic Boulevard. Turn left and proceed west 2.3 miles to N.W. 99th Terrace. Turn left and proceed south 0.10 miles to N.W. 6th Street. Turn right and proceed 75 feet to monitor point. The monitor point is located in the middle of the street in front of 9942 N.W. 6th Street. Distance from the transmitter site is 4.54 miles. The field intensity measured at this point should not exceed 32.8 mV/m, Nighttime.