FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

# AM BROADCAST STATION LICENSE

File No. : BL-940203AA
FAC ID : 70656
Call Sign : WABB

LICENSEE: WABB-FM, Inc.

1. **Community of License. . .** : Mobile, Alabama

2. **Transmitter location. . . . .** : Doumaine Street
Mobile, Alabama

North Latitude. . . . . : 30° 43' 11"
West Longitude . . . . . : 88° 04' 16"

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)*
1551 Springhill
Mobile, Alabama

5. **Remote control location**
Same

6. **Antenna and ground system:**
Attached

7. **Obstruction marking and lighting specifications - FCC Form 715, paragraphs:** 1

8. **Frequency. . . . . :** 1480 **kHz**

9. **Nominal power (kW). . . . . :** 5.0 **Day** 4.44 **Night**

**Antenna input power (kW) :**

5.0 **Day** ☒ **Non-directional antenna :** **current** 8.90 **amperes: resistance** 63.0 **ohms.**
☐ **Directional antenna :**

4.8 **Night** ☐ **Non-directional antenna :** **current** 9.75 **amperes: resistance** 50.0 **ohms.**
☒ **Directional antenna :**

10. **Hours of operation :** BP-920729AB

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

JDS:rao

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

**Dated:** MAY 2 1995

**FEDERAL COMMUNICATIONS COMMISSION**

**FCC Form 353A**
**June 1980**

**FILE NO.:** BL-940203AA **Call Sign:** WABB MAY 2 1995

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

**No. and Type of Elements:** Four (4) vertical, guyed, series-excited, steel radiators of uniform cross-section. Theo. RMS: 626.1 mV/m/km, Aug. RMS: 661.63 mV/m/km. Q = 47.27. All at 1km.

**Height above Insulators:** 52 m (92.4°)

**Overall Height:** 53 m

**Spacing and Orientation:** with tower #1(C) as reference, tower #2 (ESE) is 60° away along 153° TN, tower #3(SE) is 120° away along 156° TN and tower #4 (SES) is 160° away along 168° TN.

**Non-Directional Antenna:** Theoretical efficiency: 309.0 mV/m/km/kW.

**Ground System consists of** 120 equally-spaced, buried, copper radials about the base of each tower 51.83 m in length except where terminated by property boundaries or where intersecting radials are shortened and bonded.

2. **THEORETICAL SPECIFICATIONS**

| **Tower** | #1 | #2 | #3 | #4 |
|---|---|---|---|---|
| **Phasing:** | 0° | -153.8° | 56° | -96° |
| **Field Ratio:** | 1.000 | 1.892 | 1.204 | 0.150 |

3. **OPERATING SPECIFICATIONS**

| | | | | |
|---|---|---|---|---|
| **Phase Indication*:** | 149.5° | 0° | -144.0° | 61.5° |
| **Antenna Base Current Ratio:** | 0.549 | 1.000 | 0.714 | 0.180 |
| **Antenna Monitor Sample Current Ratio:** | 0.545 | 1.000 | 0.715 | 0.175 |

* **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 AT MONITORING POINTS:**

**Direction of 4.3° True North.** From WABB transmitter east on Doumaine 0.2 miles to Conception Road, left on Conception 0.4 miles to McGowin-Chin Avenue, right on McGowin-Chin 0.9 miles to Telegraph Road to Jarvis Road, right 0.1 miles on Jarvis to monitor point. Location #18 lies 2.00 miles (3.22 KM) from the transmitter. The field intensity measured at this point should not exceed 26.6 mV/m.

**Direction of 60° True North.** From WABB transmitter east on Doumaine 0.2 miles to Conception Road, left on Conception 0.4 miles McGowin-Chin Avenue, right on McGowin-Chin 0.9 miles to Telegraph Road to cutoff, then left 0.35 miles on cutoff to driveway, then right 0.05 miles to monitor point. Location #7 0.80 miles (1.29 KM) from the transmitter. The field intensity measured at this point should not exceed 48.4 mV/m.

**Direction of 244° True North.** From WABB transmitter east on Doumaine 0.6 miles to Craft Highway, left on Craft 0.7 miles to St. Stephens, left on St. Stephens 1/2 block to Clinton, right on Clinton 0.8 miles to Summerville Road, left on Summerville two blocks to Hart, right on Hart 0.25 miles to Stanton Road, left on Stanton one block to monitor point in front of school. Location #14 lies 1.7 miles (2.74 KM) from the transmitter. The field intensity measured at this point should not exceed 35.2 mv/m.

**Direction of 303° True North.** From WABB transmitter east on Doumaine 0.6 miles to Craft Highway, left on Craft 0.7 miles to St. Stephens, right on St. Stephens 2.0 miles to frontage road, right on frontage road 0.1 miles to monitor point in parking lot. Location #20 lies 2.44 miles (3.93 KM) from the transmitter. The field intensity measured at this point should not exceed 8.7 mV/m.

**Direction of 332.5° True North.** From WABB transmitter east on Doumaine 0.6 miles to Craft Highway, left on Craft 0.7 miles to St. Stephens, right on St. Stephens 0.95 miles to Elm Street, left on Elm 0.35 miles to Whistler Road, right on Whistler 0.1 miles to Davis Street, right on Davis 0.1 miles to monitor point, between two stripes in pavement. Location #14 lies 1.7 miles (2.74 KM) from the transmitter. The field intensity measured at this point should not exceed 39.8 mV/m.