FCC 352
May 1984

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-840208AB

Call Sign: WABB

# 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, 1/ the LICENSEE

WABB, 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 April 1, 1989

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

1. On a frequency of 1480 kHz.
2. With nominal power of 5 kilo watts nighttime and 5 kilo watts daytime,
   with antenna input power of 5400 watts directional [Common point current 10.4 amperes
   antenna nighttime ..... [Common point resistance 50 ohms,
   and antenna input power of 5000 watts directional [Common point current 3.45 amperes
   antenna daytime ..... [Common point resistance 420 ohms
3. Hours of operation:

AVERAGE HOURS OF SUNRISE AND SUNSET PROVIDED WITH PREVIOUS AUTHORIZATION.

4. Station location: Mobile, AL
5. Main studio location:
   (Listed only if not at transmitter site or not within boundaries of principal community)
6. Remote control point: 1550 Springhill
   Mobile, AL
7. Transmitter location:
   Doumaine Street
   Mobile, AL
   North Latitude: 30° 43' 11"
   West Longitude: 88° 04' 16"
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: None required
9. Transmitter(s): 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, 4

Dated: OCT 1 1984 edr

FEDERAL COMMUNICATIONS COMMISSION

OCT 03 1984

FCC Form 353-A
June 1980

File NO.: BL 840208AB Call Sign: WABB Date:

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA, -N

No. and Type of Elements: Four (4) vertical steel, base insulated, uniform cross sectioned guyed towers. Theoretical RMS: 435 mV/m, night. Standard RMS: 458.066 mV/m, night.

Height above Insulators: Towers #1, 2, 3,: 230 ft (124.6°)
Tower #4: 170 ft (92°)

Overall Height: Towers #1, 2, 3: 235 ft. Tower #4: 175 ft.

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 (SSE) is 160° away along 168° TN.

Non-Directional Antenna: Tower #3(SE). Theoretical efficiency is 206 mV/m/kW day.

Ground System consists of 120-170' buried copper radials about base of each tower. Radials are shortened and bonded to transverse copper strap between elements or at property boundary.

2. THEORETICAL SPECIFICATIONS

| | Tower | #1(C) | #2(ESE) | #3(SE) | #4(SSE) |
|---|---|---|---|---|---|
| Phasing: | Night | 0° | -153.8° | 56° | -96° |
| Field Ratio: | Night | 1 | 1.892 | 1.204 | 0.15 |

3. OPERATING SPECIFICATIONS

| | | | | | |
|---|---|---|---|---|---|
| Phase Indication*: | Night | 164° | 0° | -142° | 164° |
| Antenna Base Current Ratio: | Night | 0.476 | 1.00 | 0.484 | 0.504 |
| Antenna Monitor Sample Current Ratio: | Night | 0.375 | 1.00 | 0.50 | 0.315 |

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

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

Field 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 seven days and appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

4.3° MONITOR POINT

Go east on Doumaine 0.2 miles to Conception Road, then left 0.4 miles to McGowin - Chin Avenue, turn right 0.9 miles to Telegraph Road, then left 1.4 miles to Jarvis Road, then right 0.1 miles to monitor point. This is Location #18 and lies at a distance of 2.00 miles. The reading is taken south of the road. The field intensity measured at this point should not exceed 23.6 mV/m

60° MONITOR POINT

Go east on Doumaine 0.2 miles to Conception, then left 0.4 miles to McGowin - Chin Avenue. Then right 0.9 miles to Telegraph Road. Then right 0.35 miles to cut-off road, then left 0.05 miles to monitor point. Reading is in open field 200 feet east of road. This is Location #7 and lies at a distance of 0.80 miles. The field intensity measured at this point should not exceed 40.6 mV/m.

## 244° MONITOR POINT

Leaving Doumaine Street, go left on Conception Street 0.6 miles to Craft Highway, then left 0.7 miles to St. Stephens. Go left one half block, then right on Clinton for 0.8 miles to Summerville Road. Left two blocks to Hart, turn right for 0.25 miles to Stanton Road. Left one block to monitor point in front of Holloway School. Reading is taken in front of school. This is Location #14 and lies at a distance of 1.7 miles. The field intensity measured at this point should not exceed 86.5 mV/m

## 303° MONITOR POINT

Leaving Doumaine Street proceed left on Conception Street 0.6 miles to Craft Highway, then left 0.7 miles to St. Stephens Road. Turn right and go 2.0 miles to monitor point. The measurement is taken in front of store in parking lot by I-65 interchange. This is Location #20 and lies at a distance of 2.44 miles. Reading is taken in north end of parking lot by tree. The field intensity measured at this point should not exceed 8.9 mV/m.

## 332.5° MONITOR POINT

Leaving Doumaine Street, proceed left on Conception Street 0.60 miles to Craft Highway. Turn right 0.95 miles to Elm Street, then left 0.35 miles to Whistler, then right 0.10 miles to Davis Street, then right 0.1 miles to the monitor point. This is Location #14 and lies at a distance of 1.70 miles.

The reading is taken between two stripes on pavement.

The field intensity measured at this point should not exceed 42.2 mV/m.