

2

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RENEWAL AND MODIFICATION

BB-1254
EZ-8415
File No.:
Fac ID: 7073
Call Sign: WMOK

STANDARD BROADCAST STATION LICENSE

ALTERNATE AND AUXILIARY TRANSMITTERS

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

LAUDERDALE BROADCASTING COMPANY, 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 **June 1, 1979**

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

1. On a frequency of **1010** kHz.
2. With nominal power of **1 kilo** watts nighttime and **10 kilo** watts daytime,
with antenna input power of **1.08 kilo** watts - directional

| | | | |
|--------------|------------|-------------|---------|
| common point | current | 4.65 | amperes |
| common point | resistance | 50 | ohms |
| common point | current | 14.5 | ampe |
| common point | resistance | 50 | ohms |

antenna nighttime
and antenna input power of **10.5 kilo** watts - directional

| | | | |
|--------------|------------|-------------|------|
| common point | current | 14.5 | ampe |
| common point | resistance | 50 | ohms |

antenna daytime

3. Hours of operation: **Unlimited:**

Average hours of sunrise and sunset:

Jan. 7:00am to 5:15pm; Feb. 6:45am to 5:45pm;
Mar. 6:00am to 6:00pm; Apr. 5:30am to 6:30pm;
May 5:00am to 6:45pm; June 4:45am to 7:00pm;
July 5:00am to 7:00pm; Aug. 5:15am to 6:45pm;
Sep. 5:45am to 6:00pm; Oct. 6:00am to 5:30pm;
Nov. 6:30am to 5:00pm; Dec. 6:45am to 4:45pm;
Central Standard Time (non-advanced)

AUXILIARY 1 kilowatt Night & Day
common point current 4.65 amperes
antenna input power 1.08 kilowatts

4. With the station located at: **Meridian, Mississippi**
5. With the main studio located at: **2003 Tenth Street, Meridian, Mississippi**
6. Remote control point:
2003 Tenth Street
Meridian, Mississippi
7. Transmitter location:

| | |
|-----------------|-----------------------|
| North Latitude: | 32 ° 23 ' 42 " |
| West Longitude: | 88 ° 39 ' 28 " |

North of US Hwy 80
approx. 3 miles NE of downtown
Meridan, Mississippi

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 11 & 21.**
9. Transmitter(s): **RCA BTA-10H(Alt. Night-Main Day) RCA BTA-1R3(Aux. Day-Alt. Night)**
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: **November 8, 1976**

FEDERAL
COMMUNICATIONS
COMMISSION



File No.: BZ-8415

Call Sign: W M O X

Date: 11-8-76

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA-2

No. and Type of Elements: Four uniform cross-section, guyed, series excited, steel towers.

Height above Insulators: 189.5' (70°)

Overall Height: 194'

Spacing and Orientation: Spaced 270.6' (100°) between adjacent towers on a line bearing 52.5° true.

Non-Directional Antenna: None used.

Ground System consists of 120-240' equally spaced buried copper radials plus 120-30' interspaced copper radials about the base of each tower. Radials are shortened and bonded together by copper straps midway between adjacent towers.

2. THEORETICAL SPECIFICATIONS

| | Tower | SW(#1) | WC(#2) | EC(#3) | NE(#4) |
|--------------|-------|--------|----------|----------|--------|
| Phasing: | | -43° | 106.78° | -106.78° | 43° |
| | | 45° | -133.93° | -45° | - |
| Field Ratio: | | 1.0 | 2.113 | 2.113 | 1.0 |
| | | 0.4 | 0.957 | 0.4 | - |

3. OPERATING SPECIFICATIONS

| | | | | |
|--------------------|-------|----|--------|------|
| Phase Indication*: | -153° | 0° | 137.5° | -71° |
| | 186° | 0° | 71° | - |

Antenna Base

| | | | | |
|----------------|-------|-----|-------|------|
| Current Ratio: | 0.46 | 1.0 | 0.97 | 0.46 |
| | 0.407 | 1.0 | 0.407 | - |

Antenna Monitor Sample

| | | | | |
|----------------|-------|-----|-------|------|
| Current Ratio: | 0.46 | 1.0 | 0.97 | 0.46 |
| | 0.407 | 1.0 | 0.407 | - |

*As indicated by Potomac Instruments AM-19 antenna monitor.

Field intensity 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 thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 310° true North. Distance 2.15 miles. From the entrance to the WMOX transmitter proceed southwesterly on U.S. Highway 80. 0.96 mile to 23rd Street, west 0.72 mile to "Tee", south 0.16 mile to Highway M-39, northeasterly 2.53 miles to 52nd Street, west 0.57 mile to 10th Avenue, northeast 0.15 mile to entrance to sand pit. Monitoring point and iron stake painted red are located at northeast corner of entrance road. The field intensity measured at this point should not exceed 17.3 mV/m, Nighttime.

Direction of 325° true North. Distance 1.90 mile. From Monitoring Point No. 1 proceed southwest 0.15 mile to 52nd Street, east 0.57 mile to Highway M-39, northerly 0.31 mile to rock turn-off. Monitoring point and iron stake painted red are located 75 feet east of Highway 39, immediately east of small curvert on north side of turn-out. The field intensity measured at this point should not exceed 157 mV/m, DAYTIME.

Direction of 338° true North. Distance 2.15 miles. From Monitoring Point No. 2 proceed southerly 0.31 mile to 52nd Street, east 0.4 mile to County Home Road, north 0.7 mile to gate on west side of road. Monitoring Point and iron stake painted red are located 200 feet west of gate in open area. The field intensity measured at this point should not exceed 6.8 mV/m, Nighttime.

Direction of 02° true North, Distance 3.28 miles. From Monitoring Point No. 3 proceed north on County Home Road 1.3 mile to crossroad, east 0.85 mile to monitoring point located in road, 20 feet north of fence and pipeline marker post. The field intensity measured at this point should not exceed 7.6 mV/m, Nighttime.

Direction of 16° true North. Distance 1.90 mile. From Monitoring Point No. 4 proceed east 0.65 mile to "Tee", south 1.0 mile to U.S. Highway 45, southwest 0.5 mile to crossroad, southeast 0.1 mile to monitoring point located on edge of road, 20 feet north of fence and iron stake painted red. The field intensity measured at this point should not exceed 167 mV/m, Daytime.

Direction of 52.5° true North. Distance 2.00 miles. From Monitoring Point No. 5 proceed southeasterly 0.15 mile to "Tee", southwest 0.2 mile to side road, southeasterly 1.08 mile to monitoring point located just east of abandoned driveway and 20 feet south of fence and iron stake painted red. The field intensity measured at this point should not exceed 10.0 mV/m, Nighttime and 107 mV/m, Day.

Direction of 78° true North. Distance 3.33 miles. From Monitoring Point No. 6 proceed east and southeast 2.0 miles to side road, south 150 feet to monitoring

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (Cont'd.)

point located near small culvert 10 feet northwest of iron stake painted red. The field intensity measured at this point should not exceed 4.3 mV/m, Night.

Direction of 114° true North. Distance 3.10 miles. From Monitoring Point No. 7 proceed south 0.25 mile to U.S. Highway 80, westerly 0.30 mile to side road, southerly 1.9 mile to curve in road and monitoring point located 10 feet west of road at iron stake painted red. The field intensity measured at this point should not exceed 66 mV/m, Daytime.

Direction of 142° true North. Distance 2.32 miles. From Monitoring Point No. 8 proceed south 0.6 mile to side road, west and south 0.9 mile to Highway M-19, westerly 0.3 mile to monitoring point located 20 feet north of highway at iron stake painted red. The field intensity measured at this point should not exceed 5.9 mV/m, Nighttime.