FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No. : BZ-940131AB

AM BROADCAST STATION LICENSE

Call Sign : WHHY

LICENSEE: Tom Duddy, Receiver

1. Community of License. . . : Montgomery, AL

2. Transmitter location. . . . : Narrow Lane Road 0.8 mi south of city limit Montgomery, AL

North Latitude. . . . . : 32° 18' 23.6"
West Longitude . . . . . : 86° 16' 35.1"

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)*
3435 Norman Bridge Road
Montgomery, AL

5. Remote control location
Same

6. Antenna and ground system:
Attached

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

8. Frequency. . . . . : 1440 kHz

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

Antenna input power (kW) :

5.0 Day ☒ Non-directional antenna: current 7.74 amperes: resistance 83.5 ohms.
☐ Directional antenna :

1.08 Night ☐ Non-directional antenna: current 4.45 amperes: resistance 54.5 ohms.
☒ Directional antenna :

10. Hours of operation : BZ-9640

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.

JAV: rao

[1] This license consists of this page and pages

Dated: MAR 23 1994

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June 1980

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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two (2) vertical, guyed, series excited steel radiators of uniform cross-section. An FM antenna is side-mounted near the top of the SE tower. Theoretical RMS: 281.61 mV/m/km; Augmented RMS: 308.58 mV/m/km; Q: 10, Nighttime.

Height above Insulators: 288m (94°)

Overall Height: 294.45m

Spacing and Orientation: 670.95m (220°) on a line bearing 147° true.

Non-Directional Antenna: SE Tower used for nondirectional operation, with N.W. Tower grounded. Theoretical efficieny: 308.19 mV/m/kw, at 1 km, Daytime.

Ground System consists of 120-180' equally spaced, buried copper radials plus a 105m x 105m copper ground screen at the base of each tower. Thirty radials extendeds from tower to tower.

2. **THEORETICAL SPECIFICATIONS**

Towers:	#2 N.W. TOWER	#1S.E. TOWER
Phasing:	80°	0°
Field Ratio:	0.7	1.0

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	65°	0°
Antenna Base Current Ratio:	0.85	1.00
Antenna Monitor Sample Current Ratio:	0.85	1.00

* **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 of 27° true North. Leave transmitter and go 0.15 mile to Narrow Lane Road. Turn North on Narrow Land Road and proceed .5 miles to Bypass. Turn right on Bypass to Woodley Road a distance of 0.9 mile. Make measurement in pasture on Northeast corner of intersection going 100 feet from highway and 100 feet from pasture gate. The field intensity measured at this point should not exceed 28.11 mV/m.

Direction of 147° true North. Leave transmitter to Narrow Lane Road 0.15 mile. Turn south on Narrow Lane Road to Sinclair station 1.3 miles. Turn right on hardtop road and go 0.85 mile to end of hardtop. Turn left on clay road to curve. Take reading at curve approximately 20 yards from Thomas Jackson mail box. The field intensity measured at this point should not exceed 25.8 mVm.

Direction os 267° true North. Leave transmitter and circle left to Narrow Lane Road 0.45 mile. Continue across Narrow Lane Road on County Road #46 to Highway 331 a distance of 1.0 mile. Turn left on 331 to bridge 0.45 mile. Cross bridge and go 150 feet from South end of bridge. Take reading on West side of road. The field intensity measured at this point should not exceed 13.7 mV/m.