

*Klep*  
UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No. BL-9200  
Call Letters WPHH

STANDARD BROADCAST STATION LICENSE

MODIFIED AS OF AUGUST 9, 1962

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

B. C. EDDINS, W. N. EDDINS, AND JOHN O. EDDINS d/b as THE VOICE OF CULLMAN

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broad-  
casting for the term beginning August 9, 19 62, and ending April 1, 19 64  
(3 a.m., Eastern Standard Time) (3 a.m., Eastern Standard Time)

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

1. On a frequency of 1460 kc.
2. With 500 watts power - directional antenna nighttime [ Common Point current, 3.25 amperes  
Common Point resistance, 47.1 ohms  
Antenna current, 7.38 amperes  
Antenna resistance, 92.0 ohms ]  
and 5 killo watts power non directional antenna daytime

3. During the following period or periods of time: Unlimited time

Average hours of local sunrise and sunset:  
 Jan. 7:00 am to 5:00 pm; Feb. 6:30 am to 5:30 pm;  
 Mar. 6:00 am to 6:00 pm; Apr. 5:15 am to 6:15 pm;  
 May 4:45 am to 6:45 pm; June 4:30 am to 7:00 pm;  
 July 4:45 am to 7:00 pm; Aug. 5:15 am to 6:30 pm;  
 Sep. 5:30 am to 6:00 pm; Oct. 5:45 am to 5:15 pm;  
 Nov. 6:15 am to 4:45 pm; Dec. 6:45 am to 4:45 pm;

4. With the station located at: Central Standard Time  
Cullman, Alabama

Transmitter may be operated by remote control from 206-2nd Ave., E., Cullman, Alabama, while using non-directional antenna (daytime).

5. With the main studio located at:  
206-2nd Ave., East  
Cullman, Alabama

The apparatus herein authorized to be used and operated is located at:

West Warnke Road  
Cullman, Alabama

North Lat.	0	'	"
	34	10	44
West Long.	0	'	"
	86	51	36

and is described as follows:

RCA MFG. CO., Type No. 5-DX, Broadcasting Transmitter (Daytime).  
RCA MFG. CO., Type No. BTA-1R, Broadcasting Transmitter (Nighttime).

Obstruction marking specifications in accordance with paragraphs 1, 3, 12 and 21 of FCC Form 715 attached.

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 and 3

Dated this 9th day of August, 19 62

FEDERAL COMMUNICATIONS COMMISSION,

*Ben F. Waffle*

Secretary



File No. 2-173 Call Letters \_\_\_\_\_ Date 10/15/54

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- \_\_\_\_\_

No. and Type of Elements: 40 uniform triangular guyed towers, section omitted, Communications antenna side mounted at the top of the North Tower (1).

Height above Insulators: 337' (180°)

Overall Height: Tower #1 - 337' Tower #2 - 341'

Spacing and Orientation: Towers spaced 430.5' (230°) on a line bearing 356.5° true.

Non-Directional Antenna: No. 1 North Tower.

Ground System consists of 120 copper radials 337' long or to ground strap; spaced 3' about each tower and buried 4" to 6" plus 24' x 24' copper mesh screen about the base of each tower. Towers inter-connected with 3" copper strap.

2. THEORETICAL SPECIFICATIONS

	<u>North Tower (1)</u>	<u>South Tower (2)</u>
Phasing:	-12.6°	0°
Field Ratio:	0.382	1.0

3. OPERATING SPECIFICATIONS

Phase Indication:*	-12.6°	0°
Antenna Base Current Ratio:	0.5	1.0
<u>Phase monitor sample</u> Current Ratio:	0.5	1.0

\*As indicated by Hens Clarke 10A-1 phase monitor.

Phase indications and antenna base currents shall be read and entered in the operating log at least once each hour Phase monitor sample currents may be read and logged in lieu of base currents provided base currents are read and logged at least once daily.

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 an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $136.5^{\circ}$  true North. From Cullman County Court House in city of Cullman; proceed south on US 31 for 1.15 miles to Palomino Hotel. Bear right onto State Rd. 69 and 0.43 mile to monitor point which is located 15 ft. beyond culvert, under road, and four feet south of creosoted post on north shoulder of road. The field intensity measured at this point should not exceed 16.8 mv/m.

Direction of  $176.5^{\circ}$  true North. Continue on State Rd. 69, from  $136.5^{\circ}$  for 1.7 miles to cross roads. Turn right and go west 0.6 mile to H.J. Wise mail box. Point of measurement is on south shoulder of road and 20 feet directly across from mail box. The field intensity measured at this point should not exceed 12.2 mv/m.

Direction of  $326.5^{\circ}$  true North. On leaving tower site turn left and proceed east on Wornke Rd. 0.55 mile to Whipping Springs Rd. Turn left and proceed north on State Rd. 157 for 3.95 miles. Take side road to left for 0.12 mile to point of measurement in center of road 120 ft. beyond U.S. Pope mail box and 11 ft. into road from creosoted post on road shoulder. The field intensity measured at this point should not exceed 6.9 mv/m.