

# Common Exhibit, Modification of License WHRK Facility ID 54916, BLH-5591 Main and Auxiliary Antenna Corrections April 2015

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This exhibit is common to two applications on behalf of WHRK to modify the station license. At present a single instrument of authorization is provided from main and auxiliary antenna, each of which is located on different towers that are part of the antenna array of AM station WMFS. After consultation with FCC staff we are filing these applications to specify the correct geographic coordinates for each antenna, specify correct antenna information, and to have issued unique instruments of authorization for each antenna, with geographic coordinates matching the underlying structure registration. The current license, while specifying different tower numbers in the AM array, provides only the "center of array" geographic coordinates.

## **Corrections Needed**

Attached as Figure 1 is a copy of the WHRK authorization, the single page authorizing the Main Antenna on tower C(#5) and the Auxiliary Antenna on tower NE(#4). Below are the correct antenna specifications for Main and Auxiliary antenna:

### **Correct Main Antenna Specifications are:**

ASR#: 1277696  
35-13-21.7 N 90-02-36.7 W (NAD 27)  
AGL: 167 m  
Site Elevation: 72.5 m  
RCAMSL: 240 m  
HAAT: 167 m  
Antenna: ERI, SHPX-12AC6. 12 Bay, 1.0 Wave Spaced  
ERP: 100 kw  
TPO: 22.0 kw

### **Correct Auxiliary Antenna Specifications are:**

ASR#: 1044694  
35-13-24.7 N 90-02-32.7 W (NAD 27)  
Site Elevation: 73.5 m  
AGL: 106 m  
RCAMSL: 180 m  
HAAT: 107 M  
Antenna: ERI, SHPX-3AE. 3 Bay, 1.0 Wave Spaced  
ERP: 11.0 kw  
TPO: 9.8 kw

### **§1.30002 Tower Construction or Modification Near AM Stations**

The AM station upon which these antenna are mounted, WMFS, Facility Id: 34374, was granted a station license utilizing §73.151(c), BMML-20131126BYZ which incorporated the antenna specified in this application. Thus compliance with §1.30002 regarding construction near an AM station has been complied with.

Figure 1. WHRK License, BLH-5591

March 2, 1966

FCC Form 350-A  
February 1974

United States of America  
FEDERAL COMMUNICATIONS COMMISSION

File No. BRH790328UL

MAIN AND AUXILIARY TRANSMITTERS & ANTENNAS Call Sign: W H R K  
FM BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, as amended, treaties, and Commission Rules, and further subject to conditions set forth in this license, the LICENSEE

BLOUGH BROADCASTING COMPANY, INC.

is hereby authorized to use and operate the radio transmission apparatus hereinafter described for the purpose of broadcasting for the term ending 1 a.m. Local Time: **AUGUST 1, 1982**

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

1. Frequency (MHz) ..... 97.1
2. Transmitter output power ..... 17.5 kilowatts
3. Effective radiated power ..... 100 kilowatts (ERP)
4. Antenna height above average terrain (feet) ..... 530' (ERP)
5. Hours of operation ..... Unlimited
6. Station location ..... Memphis, Tennessee
7. Main studio location ..... 112 Union Avenue  
Memphis, Tennessee
8. Remote Control point ..... 112 Union Avenue  
Memphis, Tennessee
9. Antenna & supporting structure: North Latitude: 35° 13' 23"  
West Longitude: 90° 02' 33"

MAIN: RCA, BEC-14, 14 sections, side-mounted on C(45) AM tower. Overall height above ground: 608 feet.

10. Transmitter location ..... 3627 Benjestown Road  
Memphis, Tennessee
11. Transmitter(s) ..... Type Accepted
12. Obstruction markings specifications in accordance with the following paragraphs of FCC Form 714: 1,3,5,14 & 21.
13. Conditions (Main Antenna) and 1,3,12 & 21(Auxiliary Antenna).

AUXILIARY ANTENNA: RCA, BFA-2A, two sections, side mounted at top NE(44) AM tower. Overall height above ground: 408 feet.

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 rights 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.

☒ This license consists of this page and pages .

Dated: JULY 18, 1979  
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FEDERAL  
COMMUNICATIONS  
COMMISSION

