



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

AUDACY LICENSE, LLC
2400 MARKET STREET
4TH FLOOR
PHILADELPHIA PA 19103

Linda Blair
Chief
Audio Division
Media Bureau

Facility Id: 34374

Call Sign: WMFS

License File Number: BZ-20011108AAR

Grant Date: April 23, 2002

This license expires 3:00 a.m.
local time, August 01, 2004.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 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. 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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

| | | | | | |
|------|---------|---------|------|---------|---------|
| Jan. | 7:15 AM | 5:15 PM | Jul. | 5:00 AM | 7:15 PM |
| Feb. | 6:45 AM | 5:45 PM | Aug. | 5:15 AM | 6:45 PM |
| Mar. | 6:15 AM | 6:00 PM | Sep. | 5:45 AM | 6:15 PM |
| Apr. | 5:30 AM | 6:30 PM | Oct. | 6:00 AM | 5:30 PM |
| May | 5:00 AM | 7:00 PM | Nov. | 6:30 AM | 5:00 PM |
| Jun. | 4:45 AM | 7:15 PM | Dec. | 7:00 AM | 4:45 PM |

Callsign: WMFS

License No.: BZ-20011108AAR

Name of Licensee: AUDACY LICENSE, LLC

Station Location: MEMPHIS, TN

Frequency (kHz): 680

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 13 Min 23 Sec

Longitude: W 90 Deg 02 Min 33 Sec

Night

Latitude: N 35 Deg 13 Min 23 Sec

Longitude: W 90 Deg 02 Min 33 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 10.0 Night: 5.0

Antenna Input Power (kW): Day: 8.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 7 Night: 10.4

Resistance (ohms): Day: 163 Night: 50

Non-Directional Antenna: Day

Radiator Height: 182.88 meters; 149 deg

Theoretical Efficiency: 312.21 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

| Tower No. | ASRN | Overall Height (m) |
|-----------|---------|--------------------|
| 1 | 1044695 | |

Night:

| Tower No. | ASRN | Overall Height (m) |
|-----------|---------|--------------------|
| 1 | 1044691 | |
| 2 | 1044692 | |
| 3 | 1044693 | |
| 4 | 1044694 | |
| 5 | 1044695 | |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 639.71
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 703.09
 Q Factor: Night: 22.36

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 1.0000 | 92.000 | 0.0000 | 0.000 | 0 | 99.5 |
| 2 | 1.0000 | 84.000 | 194.8000 | 71.500 | 0 | 99.5 |
| 3 | 1.0000 | -8.000 | 100.2000 | 161.500 | 1 | 99.5 |
| 4 | 1.0000 | 0.000 | 194.8000 | 251.500 | 1 | 99.5 |
| 5 | 0.0500 | 10.000 | 109.5000 | 98.700 | 0 | 149.0 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

| Aug No. | Central Azimuth (Deg. T) | Span (Deg.) | Radiation at Central Azimuth (mV/m @ 1 km) |
|---------|--------------------------|-------------|--|
| 1 | 8.0 | 50.0 | 162.95 |
| 2 | 33.0 | 50.0 | 166.00 |
| 3 | 59.0 | 30.0 | 121.67 |
| 4 | 74.0 | 22.0 | 123.20 |
| 5 | 85.0 | 22.0 | 56.33 |
| 6 | 85.0 | 10.0 | 80.47 |
| 7 | 105.0 | 40.0 | 425.38 |
| 8 | 125.0 | 40.0 | 1042.73 |
| 9 | 159.0 | 62.0 | 1705.82 |
| 10 | 190.0 | 62.0 | 1154.33 |
| 11 | 224.0 | 44.0 | 150.72 |
| 12 | 246.0 | 44.0 | 282.13 |
| 13 | 277.0 | 38.0 | 100.26 |
| 14 | 296.0 | 28.0 | 117.48 |
| 15 | 310.0 | 11.0 | 48.28 |
| 16 | 315.5 | 11.0 | 40.23 |
| 17 | 342.0 | 52.0 | 177.03 |
| 18 | 342.0 | 10.0 | 193.12 |

Night Directional Operation:

| Twr. Phase No. (Deg.) | Antenna Monitor Sample Current Ratio |
|--------------------------|---|
| 1 88.5 | 1.04 |
| 2 6 | 1.04 |
| 3 0 | 1 |
| 4 78.5 | 0.955 |
| 5 -43 | 0.105 |

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

| Radial (Deg. T) | Distance From Transmitter (kM) | Maximum Field Strength (mV/m) |
|--------------------|-----------------------------------|----------------------------------|
| 8 | 3.28 | 19 |
| 59 | 2.93 | 28 |
| 85 | 3.9 | 9.7 |
| 224 | 1.85 | 213 |
| 277 | 6.45 | 16.1 |
| 315.5 | 1.78 | 55.6 |

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

2 Monitor Point Description:

Direction of 8° True North: The point is on N. Circle Rd. approximately 0.5 Miles South of Northhaven St., where N. Circle crosses a small creek. Take the measurement on the North side of the road in the middle of the bridge over the creek.
GPS coordinates of the point (NAD-83): N 35°15'08.4", W90°02'14.6"

Direction of 59° True North: The point is on Watkins St. (TN Hwy 388) approximately 200 feet East of US Hwy 51. Take the measurement on the South side of the divided road even with a "Wrong Way" sign on the South edge of the road facing East.
GPS coordinates of the point (NAD-83): N35°14'12.2", W90°00'53.9"

Direction of 85° True North: The point is on Belleau Dr. just North of Corning St. Take the measurement on the East side of the road even with the mailbox of 3666 Belleau.
GPS coordinates of the point (NAD-83): N 35°13'33.0", W89°59'59.2"

Direction of 224° True North: The point is in a gravel lot at the West end of Klinke Rd. Take the measurement about 0.05 Mile West of a fireplug at the end of the pavement on the North side of the lot, even with a small side road to the Northeast that runs between junked machinery. The WJCE towers are visible down this road in the far distance.
GPS coordinates of the point (NAD-83): N35°12'39.8", W90°03'23.3"

Direction of 277° True North: The point is on Gammon Rd. 0.5 Miles North of the East end of Marion Lake Rd., East of Marion, Arkansas. Take the measurement on the West side of the road even with a large spike driven into the asphalt road.
GPS coordinates of the point (NAD-83): N35°13'48.1", W90°06'46.3"

Direction of 315.5° True North: The point is on Old Cuba-Benjestown Rd. approximately 0.05 Mile North of Billion Rd. (0.27 Mile Southwest of the junction of Cuba-Benjestown and Benjestown Rd. Take the measurement on the Northwest side of the road, even with a large spike driven into the road.
GPS coordinates of the point (NAD-83): N35°14'03.6", W90°03'22.9"

Ground System Description: The ground system consists of 240 - 110.34m minimum length buried copper radials equally spaced about the base of each tower of the rectangle. 120-45.72m buried copper radials equally spaced about the base of the C(#5) tower.

- 3 Nighttime tower registration and operating tower numbers for tower number 1,2,3,4 &5 refer to physical tower NW(#1), SW(#2), SE(#3), NE(#4) and C(#5). Daytime tower registration tower #1 refers to physical tower C(#5).

*** END OF AUTHORIZATION ***