



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WPB FCC LICENSE SUB, LLC
3415 UNIVERSITY AVENUE, WEST
ST. PAUL MN 55114

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 29490

Call Sign: WFTL

License File Number: BMML-20050104ABJ

Grant Date: February 21, 2017

This license expires 3:00 a.m.
local time, February 01, 2020.

This license covers permit no.: BP-19990521AI as modified by
BMP-20031024AAV.

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

Name of Licensee: WPB FCC LICENSE SUB, LLC

Station Location: WEST PALM BEACH, FL

Frequency (kHz): 850

Station Class: B

Antenna Coordinates:

Day

Latitude: N 26 Deg 32 Min 30 Sec

Longitude: W 80 Deg 44 Min 30 Sec

Night

Latitude: N 26 Deg 32 Min 30 Sec

Longitude: W 80 Deg 44 Min 30 Sec

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

Nominal Power (kW): Day: 50.0 Night: 20.0

Antenna Input Power (kW): Day: 52.7 Night: 21.1

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 32.4 Night: 20.5

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

| Tower No. | ASRN | Overall Height (m) |
|-----------|---------|--------------------|
| 1 | 1203756 | |
| 2 | 1203759 | |
| 3 | 1203761 | |
| 4 | 1203762 | |
| 5 | 1203764 | |
| 6 | 1203766 | |

Night:

| Tower No. | ASRN | Overall Height (m) |
|-----------|---------|--------------------|
| 1 | 1203756 | |
| 2 | 1203759 | |
| 3 | 1203761 | |
| 4 | 1203762 | |
| 5 | 1203764 | |
| 6 | 1203766 | |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2187.3 Night: 1377

Standard RMS (mV/m/km): Day: 2297.9 Night: 1446

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 1.0000 | 0.000 | 0.0000 | 0.000 | 0 | 92.5 |
| 2 | 1.7300 | 118.500 | 112.7000 | 281.000 | 0 | 104.6 |
| 3 | 0.9200 | 251.100 | 212.0000 | 279.000 | 0 | 111.8 |
| 4 | 0.9100 | 317.500 | 231.9000 | 151.400 | 0 | 115.0 |
| 5 | 1.5800 | 78.500 | 181.3000 | 180.900 | 0 | 92.5 |
| 6 | 0.9350 | 190.300 | 195.4000 | 210.500 | 0 | 92.5 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 0.3170 | -90.600 | 0.0000 | 0.000 | 0 | 92.5 |
| 2 | 0.8950 | 21.900 | 112.7000 | 281.000 | 0 | 104.6 |
| 3 | 0.5220 | 135.400 | 212.0000 | 279.000 | 0 | 111.8 |
| 4 | 0.4300 | -110.500 | 231.9000 | 151.400 | 0 | 115.0 |
| 5 | 1.0000 | 0.000 | 181.3000 | 180.900 | 0 | 92.5 |
| 6 | 0.6410 | 115.500 | 195.4000 | 210.500 | 0 | 92.5 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

| Twr. Phase No. | Antenna Monitor Sample Current Ratio |
|----------------|--------------------------------------|
| 1 -111.1 | 0.681 |
| 2 0 | 1 |
| 3 129.8 | 0.48 |
| 4 -145 | 0.432 |
| 5 -43.5 | 1.288 |
| 6 65.2 | 0.762 |

Night Directional Operation:

| Twr. Phase No. (Deg.) | Antenna Monitor Sample Current Ratio |
|--------------------------|---|
| 1 -97.3 | 0.383 |
| 2 0 | 1 |
| 3 106.9 | 0.544 |
| 4 -117.4 | 0.358 |
| 5 -28.1 | 1.549 |
| 6 83.2 | 0.973 |

Antenna Monitor: POTOMAC INSTRUMENTS 1901-6

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The permittee/licensee 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.
- 2 Ground System:
Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 88 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.
- 3 The licensee shall perform the measurements described in Section 73.155 at least once within every 24 month period from the grant date of this application.

*** END OF AUTHORIZATION ***