



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

CLEAR CHANNEL BROADCASTING LICENSES, INC.  
 2625 S MEMORIAL DR, SUITE A  
 TULSA OK 74129

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Grant Date: November 01, 2007

Facility Id: 74198

Call Sign: WDAE

This license expires 3:00 a.m.  
 local time, February 01, 2012.

License File Number: BL-20070612ACM

This license covers permit no.: BP-20050110ABG

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

Callsign: WDAE

License No.: BL-20070612ACM

Name of Licensee: CLEAR CHANNEL BROADCASTING LICENSES, INC.

Station Location: ST. PETERSBURG, FL

Frequency (kHz): 620

Station Class: B

Antenna Coordinates:

Day

Latitude: N 27 Deg 52 Min 37 Sec

Longitude: W 82 Deg 35 Min 26 Sec

Night

Latitude: N 27 Deg 52 Min 37 Sec

Longitude: W 82 Deg 35 Min 25 Sec

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

Nominal Power (kW): Day: 5.6 Night: 5.5

Antenna Input Power (kW): Day: 5.6 Night: 5.79

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 10.6 Night: 10.7

Resistance (ohms): Day: 50 Night: 50

Non-Directional Antenna: Day

Radiator Height: 109.7 meters; 81.7 deg

Theoretical Efficiency: 300.2 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1035347 |                    |

Night:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1035347 |                    |
| 2         | 1035348 |                    |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 702.5  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 744.1  
 Q Factor: Night: 23.45

Theoretical Parameters:

Night 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                  | 81.7          |
| 2         | 1.4800      | -69.000        | 128.0000       | 140.000            | 0                  | 81.7          |

\* 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       | 20.0                     | 24.0        | 446.30                                     |
| 2       | 60.0                     | 56.0        | 936.70                                     |
| 3       | 205.0                    | 50.0        | 1015.00                                    |
| 4       | 252.5                    | 19.0        | 589.60                                     |
| 5       | 275.0                    | 20.0        | 296.60                                     |
| 6       | 287.5                    | 20.0        | 234.20                                     |
| 7       | 300.0                    | 20.0        | 281.00                                     |
| 8       | 310.0                    | 20.0        | 308.80                                     |
| 9       | 320.0                    | 20.0        | 308.80                                     |
| 10      | 334.0                    | 28.0        | 248.20                                     |
| 11      | 345.0                    | 10.0        | 215.40                                     |
| 12      | 355.0                    | 18.0        | 218.60                                     |

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1        | 0            | 1                                    |
| 2        | -62.8        | 1.396                                |

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

| Radial<br>(Deg. T) | Distance From Transmitter<br>(kM) | Maximum Field Strength<br>(mV/m) |
|--------------------|-----------------------------------|----------------------------------|
| 287.5              | 9.08                              | 39.4                             |
| 355                | 15.16                             | 26.8                             |

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 Location of Monitor Points:

Direction of 287.5° true North. The monitor point is located at the center of driveway to 14239 Puffin Court.

Direction of 355° true North. The monitor point is located at the stop sign on the northeast corner of Grand Bahama Drive and Pepperfish Bay Way.

3 Ground System:

Directly underneath each tower is a 21.3 by 21.3 meter ground screen. The screens are supported above sea level at high tide and consist of 120 radial wires running from a point underneath the center of each tower structure to copper bus perimeter conductors surrounding the tower base areas. From the ground screen perimeter conductors, 24 copper pipe conductors extend vertically downward through seawater to the underwater soil level surrounding each tower. A copper strap connecting the ground screens runs in a trench between the towers.

\*\*\* END OF AUTHORIZATION \*\*\*