



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SOUTH TEXAS BROADCASTING, INC.
 4880 SANTA ROSA ROAD
 CAMARILLO CA 93012

Ann Gallagher
 Senior Engineer
 Audio Division
 Media Bureau

Grant Date: December 02, 2009

Facility Id: 8623

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

Call Sign: WDWD

License File Number: BMML-20090916ADR

This license covers permit no.: BP-20080801AYO

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

Callsign: WDWD

License No.: BMML-20090916ADR

Name of Licensee: SOUTH TEXAS BROADCASTING, INC.

Station Location: ATLANTA, GA

Frequency (kHz): 590

Station Class: B

Antenna Coordinates:

Day

Latitude: N 33 Deg 50 Min 43 Sec

Longitude: W 84 Deg 38 Min 40 Sec

Night

Latitude: N 33 Deg 50 Min 43 Sec

Longitude: W 84 Deg 38 Min 40 Sec

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

Nominal Power (kW): Day: 12.0 Night: 4.5

Antenna Input Power (kW): Day: 12.6 Night: 6.1

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 15.8 Night: 11

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1019411	
2	1019412	
4	1019414	

Night:

Tower No.	ASRN	Overall Height (m)
1	1019411	
2	1019412	
3	1019413	
4	1019414	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1106 Night: 715.7

Standard RMS (mV/m/km): Day: 1162 Night:

Augmented RMS (mV/m/km):

Q Factor: Day: Night: 43.7

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.2890	112.000	0.0000	0.000	0	90.7
2	1.0000	0.000	90.0000	131.600	0	90.7
4	0.2600	-164.000	270.0000	131.600	0	90.7

* 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	0.4350	155.400	0.0000	0.000	0	90.7
2	1.0000	0.000	90.0000	131.600	0	90.7
3	0.9650	-153.000	180.0000	131.600	0	90.7
4	0.5130	41.000	270.0000	131.600	0	90.7

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	109.2	1.412
2	0	1
4	-157.7	0.232

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	152.4	0.613
2	0	1
3	-157.1	0.927
4	32.7	0.392

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The ground system consists of 120 equally spaced, buried copper radials about the base of each tower. Ground radials are 127 meters in length except where bonded to a transverse copper strap placed midway between towers.

- 2 The applicant shall perform the measurements described in Section 73.155 at least once within each 24-month period.

- 3 The input power for the nighttime antenna system has been increased to 6.1 kilowatts in order to account for 1.2 kilowatts dissipated in a dummy load. Current at the dummy load input is 4.83 amperes, or 0.438 times the nighttime common point current.

*** END OF AUTHORIZATION ***