United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CAPSTAR TX, LLC
2625 S. MEMORIAL DRIVE
SUITE A
TULSA OK 74129

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: January 25, 2011

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

Facility Id: 34391

Call Sign: WLAC

License File Number: BL-20101004ADH

This license covers permit no.: BP-20070507AEP

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

Callsign: WLAC License No.: BL-20101004ADH

Name of Licensee: CAPSTAR TX, LLC

Station Location: NASHVILLE, TN

Frequency (kHz): 1510

Station Class: A

Antenna Coordinates:

	Day						
Latitude:	N	36	Deg	16	Min	19	Sec
Longitude:	W	86	Deg	45	Min	28	Sec
	Night						
Latitude:	N	36	Deg	16	Min	19	Sec
Longitude:	W	86	Deg	45	Min	28	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: 50.0

Antenna Input Power (kW): Day: 50.0 Night: 52.5

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 28.28 Night: 32.4

Resistance (ohms): Day: 62.5 Night: 50

Non-Directional Antenna: Day

Radiator Height: 105.2 meters; 190.7 deg

Theoretical Efficiency: 397.5 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1044702	

Night:

Tower No.	ASRN	Overall Height (m)
1	1044702	
2	1044703	
3	1044704	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 2575

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 2711

Q Factor: Night: 77.95

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	190.7
2	0.5260	145.000	90.0000	349.000	0	91.2
3	0.5260	-51.000	217.0000	290.000	0	91.2

* 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	56.5	20.0	482.80
2	280.0	26.0	482.80
3	293.0	24.0	341.66
4	305.0	14.0	362.10
5	312.0	14.0	426.48
6	321.0	40.0	917.33

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	1	0
2	-111.9	0.51
3	83.8	0.506

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

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)
55	1.29	311
280	3.77	30.3
305	5.78	40.4
312	5.68	40.4

Special operating conditions or restrictions:

1 Ground system consists of 120 radials 325' long under south (#1) tower; 120 radials 165' ling under N(#2) and W(#3) towers plus a 32'X32' ground screen under each tower.

2 DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 55° True North: Leaving the WLAC transmitter site, proceed east 1/10 mile to Dixie Highway; turn left for 0.65 miles to Nesbitth Street. Turn right 0.25 miles to Curtis Street. Turn left 1/10 mile to monitor point. Reading is taken in front of the mail box at house #808. This is location #1-A at 0.8 miles from WLAC. The field intensity measured at this point should not exceed 311 mV/m Nighttime.

Direction of 280° True North: Leaving the WLAC transmitter site, proceed west on Old Hickory Road 3.75 miles to Lickton Pike Road. Turn north for 0.55 miles to driveway to west. The measuring location is 150 feet into drive. This is location #3 and lies at a distance of 2.34 miles. The field intensity measured at this point should not exceed 30.3 mV/m Nighttime.

Direction of 305° True North: Continue north from 280° monitor point on Lickton Pike Road for 1.5 miles to side road to west just before a bridge to west 225 feet to measuring location. The reading is taken in the road. This is location #4 and lies at a distance of 3.59 miles. The field intensity measured at this point should not exceed 40.4 mV/m Nighttime.

Direction of 312° True North: Continue north from 305° monitor point on Lickton Pike Road for 0.5 miles to the driveway to #5124. This is location #5 and lies at a distance of 3.53 miles. The field intensity measured at this point should not exceed 40.4 mV/m Nighttime.

*** END OF AUTHORIZATION ***