



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

Authorizing Official:

Official Mailing Address:

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TICHENOR LICENSE CORPORATION  
 5999 CENTER DRIVE  
 SUITE 4083  
 LOS ANGELES CA 90045

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Facility Id: 67063

Call Sign: KLAT

License File Number: BMML-20150827ABB

Grant Date: June 16, 2016

This license expires 3:00 a.m.  
 local time, August 01, 2021.

Relicense pursuant to the method of moment rules.

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

Callsign: KLAT

License No.: BMML-20150827ABB

Name of Licensee: TICHENOR LICENSE CORPORATION

Station Location: HOUSTON, TX

Frequency (kHz): 1010

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 53 Min 47 Sec

Longitude: W 95 Deg 17 Min 25 Sec

Night

Latitude: N 29 Deg 51 Min 44 Sec

Longitude: W 95 Deg 30 Min 42 Sec

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

Nominal Power (kW): Day: 5.0 Night: 3.6

Antenna Input Power (kW): Day: 5.4 Night: 3.9

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 8.82

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1052800	
2	1052799	
3	1052798	
4	1052795	
5	1052796	
6	1052797	

Night:

Tower No.	ASRN	Overall Height (m)
1	1052794	
2	1052793	
3	1052792	
4	1052789	
5	1052790	
6	1052791	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 680.75 Night: 582.7

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 718.42 Night: 613.2

Q Factor: Day: Night: 19.8

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5200	-141.700	0.0000	0.000	0	88.7
2	1.0000	0.000	80.0000	0.000	0	88.7
3	0.5200	141.700	80.0000	0.000	1	88.7
4	0.5200	157.700	90.0000	90.000	1	88.7
5	1.0000	16.000	80.0000	180.000	1	88.7
6	0.5200	-125.700	80.0000	180.000	1	88.7

\* 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	40.0	159.33
2	50.0	40.0	37.01
3	70.0	40.0	37.82
4	155.0	50.0	1251.23
5	180.0	48.0	1508.28
6	204.0	48.0	1382.84
7	235.0	55.0	801.45
8	290.0	40.0	37.82
9	310.0	30.0	38.62
10	325.0	30.0	80.47

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4250	-112.300	0.0000	0.000	0	88.7
2	1.0000	0.000	90.0000	0.000	0	88.7
3	0.5530	125.100	180.0000	0.000	0	88.7
4	0.4260	87.900	285.5000	18.600	0	88.7

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
5	1.0000	-24.200	201.4000	26.600	0	88.7
6	0.5530	-149.500	126.8000	44.500	0	88.7

\* 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	42.0	85.0	129.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-146.1	0.451
2	0	1
3	137.9	0.577
4	153.3	0.585
5	16	1.038
6	-127.3	0.446

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-82.3	0.415
2	22.1	1.07
3	141.3	0.587
4	109.4	0.466
5	0	1
6	-129.4	0.443

Antenna Monitor: POTOMAC INSTRUMENT AM-1901

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.

## Special operating conditions or restrictions:

2 The licensee shall perform the measurements described in Section 73.155 at least once within every 24 month period.

3 The daytime and nighttime site array consists of the following towers:  
Night: #1(SW), #2(CW), # 3(NW), #4(NE), #5(CE), #6(SE)  
Day: #1(SW), #2(CW), #3(NW), # 4(NE), #5(CE), #6(SE).

4 Day Ground System: consists of 120-73.17 meter equally spaced buried radials about the base of each tower and extending to the property or to intersection with transverse copper strap. In addition a 7.32 meter x 7.32 meter mesh screen is at the base and 120 copper radials are interspersed with the longer radials.

Nighttime Ground System: The ground system consists of 120 equally spaced, buried copper wire radials 74 meters in length except where terminated by property boundaries or where shortened and bonded to transverse copper straps between tower. In addition, 120 interspaced radials 15 meters in length are employed at the base of each tower.

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