



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CITICASTERS LICENSES, INC.
2625 S. MEMORIAL DRIVE
SUITE A
TULSA OK 74129

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 68209

Call Sign: WLAP

License File Number: BZ-20120518AEK

Grant Date: JUL 23 2012
This license expires 3:00 a.m.
local time, August 01, 2012.

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.	8:00 AM	5:45 PM	Jul.	5:30 AM	8:00 PM
Feb.	7:30 AM	6:15 PM	Aug.	5:45 AM	7:30 PM
Mar.	6:45 AM	6:45 PM	Sep.	6:15 AM	6:45 PM
Apr.	6:00 AM	7:15 PM	Oct.	6:45 AM	6:00 PM
May	5:30 AM	7:45 PM	Nov.	7:15 AM	5:30 PM
Jun.	5:15 AM	8:00 PM	Dec.	7:45 AM	5:15 PM

Callsign: WLAP

License No.: BZ-20120518AEK

Name of Licensee: CITICASTERS LICENSES, INC.

Station Location: LEXINGTON, KY

Frequency (kHz): 630

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 07 Min 25 Sec

Longitude: W 84 Deg 26 Min 45 Sec

Night

Latitude: N 38 Deg 07 Min 25 Sec

Longitude: W 84 Deg 26 Min 45 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: 1.0

Antenna Input Power (kW): Day: 5.4 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.39 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1036791	
2	1036792	
3	1036793	
4	1036794	

Night:

Tower No.	ASRN	Overall Height (m)
1	1036791	
2	1036792	
3	1036793	
4	1036794	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 648.57 Night: 289.68

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 682.63 Night: 306.2

Q Factor: Day: 24.35 Night: 10.88

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	152.0
2	0.9600	169.000	80.0000	0.000	0	69.0
3	0.9120	78.000	288.0000	270.000	1	69.0
4	0.9500	-91.000	80.0000	180.000	1	69.0

* 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	10.0	144.84
2	79.0	10.0	144.84
3	84.0	10.0	144.84
4	160.0	10.0	128.75
5	215.0	10.0	1015.50
6	250.0	10.0	70.81
7	255.0	10.0	70.81
8	260.0	10.0	70.81
9	265.0	10.0	70.81
10	270.0	10.0	70.81
11	275.0	10.0	70.81
12	280.0	10.0	70.81
13	285.0	10.0	70.81
14	290.0	10.0	70.81
15	295.0	10.0	53.11
16	325.0	20.0	758.00

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	152.0
2	0.9250	169.000	80.0000	0.000	0	69.0
3	0.9250	78.000	288.0000	270.000	1	69.0
4	0.9250	-91.000	80.0000	180.000	1	69.0

* 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	79.0	10.0	64.37
2	84.0	10.0	64.37
3	145.0	10.0	346.01
4	160.0	10.0	48.28
5	215.0	20.0	468.32
6	222.5	15.0	337.96
7	245.0	10.0	32.19
8	250.0	10.0	32.19
9	274.0	10.0	32.19
10	279.0	15.0	32.19
11	284.5	11.0	32.19
12	290.0	10.0	32.19

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 -5.8	0.116
2 -100.2	1.036
3 170.7	0.998
4 0	1

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 -8.5	0.117
2 -101	0.925
3 169	0.99
4 0	1

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
20	4.23	34
79	4.6	34.6
160	3.46	39.1
245	3.51	36.8
279	3.57	20.3

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
20	4.23	17
79	4.6	13.5
160	3.46	16.25
245	3.51	13.32
279	3.57	7.6

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site 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 Location of Monitor Points:

Direction of 20° true North. Proceed on Huffman Mill Road to Lemons Mill Road. Turn right and go 0.4 miles on Lemons Mill Road to white marker post on north side of road. The monitor point is in field 100 feet south from white marker.

Direction of 79° true North. Proceed on Russell Cave Road to Hughes Lane. Turn right, and go 1.37 miles East on Hughes Lane to place where there is parking space on both sides of road. This is the monitoring point location.

Direction of 160° true North. Proceed on U.S. 27-68 to Carterbrook Road. Turn right, and go 0.22 miles North on Carterbrook Road to the monitoring point. The monitoring point is in the center of the road at mailbox mounted on pump at east side of road.

Direction of 245° true North. Proceed on Ironworks Road to State 922-Newtown Road. Turn left, and go 1.52 miles on State 922-Newtown Road to monitoring point. Point is 100 feet east of highway in lane and 10 feet north of paved lane.

Direction of 279° true North. Proceed on Ironworks Road to Newtown Road-State 922. Turn left, and go 0.23 miles South on Newtown Road to paved farm lane to monitoring point. Point is 100 feet east of highway in center of paved lane.

3 Ground System:

Ground system consists of 120-52.74 meters to 219.51 meters plus 120-15.24 meters interspaced copper wire radials equally spaced and buried about the base of each tower with copper bonding straps at intersection of radials.

*** END OF AUTHORIZATION ***