



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

Authorizing Official:

Official Mailing Address:

STECKLINE COMMUNICATIONS, INC.  
 1632 SOUTH MAIZE  
 WICHITA KS 67209

Son Nguyen  
 Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 61362

Call Sign: KQAM

License File Number: BZ-20091223AOJ

Grant Date: **MAR 31 2010**  
 This license expires 3:00 a.m.  
 local time, June 01, 2013.

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

Name of Licensee: STECKLINE COMMUNICATIONS, INC.

Station Location: WICHITA, KS

Frequency (kHz): 1480

Station Class: B

Antenna Coordinates:

Day

Latitude: N 37 Deg 44 Min 21 Sec  
 Longitude: W 97 Deg 16 Min 14 Sec

Night

Latitude: N 37 Deg 44 Min 21 Sec  
 Longitude: W 97 Deg 16 Min 14 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: 10.4 Night: 4.65  
 Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None
2	None
3	None
4	None

Night:

Tower No.	ASRN
1	None
2	None
3	None
4	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 672.71 Night: 297.73

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 706.33 Night: 319.87

Q Factor: Day: 22.36 Night: 10.26

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	90.0
2	0.6000	-100.000	90.0000	205.000	0	90.0
3	0.2400	-50.000	133.0000	171.600	1	90.0
4	0.4000	50.000	133.0000	171.600	0	90.0

\* 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	0.0	30.0	305.78
2	25.0	50.0	354.06
3	215.0	43.0	746.19
4	323.5	43.0	514.99

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	90.0
2	0.8000	-111.000	90.0000	205.000	0	90.0
3	0.5000	-4.000	214.0000	185.000	0	90.0
4	0.4000	-115.000	90.0000	205.000	1	90.0

\* 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	18.0	32.0	88.51

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
2	34.0	32.0	75.16
3	50.0	30.0	58.34
4	65.0	30.0	75.16
5	102.5	15.0	360.53
6	110.0	15.0	397.56
7	132.5	45.0	343.37
8	155.0	35.0	254.94
9	172.5	35.0	320.08
10	190.0	28.0	342.11
11	204.0	22.0	321.74
12	215.0	22.0	277.00
13	238.0	40.0	438.47
14	258.0	40.0	637.80
15	280.0	44.0	581.44
16	302.0	10.0	287.44
17	345.0	10.0	54.51
18	358.5	27.0	65.98

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 -102.5	0.576
3 47.5	0.416
4 -48.6	0.292

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 114.7	1.314
2 0	1
3 115.4	0.781
4 -3.8	0.563

Antenna Monitor: POTOMAC INSTRUMENTS AM-19D(204)

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)
0	2.3	173.6
50	4.46	83
110	4.7	139
190	4.36	136.1

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
50	4.46	16
110	4.7	108.2
155	2.93	75
190	4.36	78
215	3.69	74
345	2.22	13.6

Special operating conditions or restrictions:

1 DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Five (5) uniform cross-section, guyed, series-excited vertical steel radiators. A communications type antenna is side-mounted at the 45.4 m level on #4 tower.

Ground System consists of 120 equally spaced, buried copper wire radials 50.6 m in length, plus 120 interspaced buried copper radials 9.1 m long about the base of each tower. Intersecting radials shortened and bonded to transverse straps midway between adjacent towers.

2 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 00? True North: Distance 1.43 mile. From the KQAM entrance road proceed east 0.5 mile to Woodlawn Street, north 1.54 mile to Perryton Street, westerly 0.32 mile to Danbury Street, south 0.05 mile to 41st Street, and west to monitoring point located at south edge of street opposite west property line of home at 5700 E. 41st N. The field intensity measured at this point should not exceed 173.6 mV/m Daytime.

Direction of 50? True North: Distance 2.77 miles. From the KQAM entrance road proceed east 0.5 mile to Woodlawn Street, north 2.0 miles to 45th Street N., east 1.72 mile to Cypress Road, south 0.1 mile to Y junction of Cypress and Linden Road, and south on Cypress Road 150 feet to monitoring point located on west edge of road directly across from driveway at 4458 Cypress Road. The field intensity measured at this point should not exceed 83.0 mV/m, Daytime; 16 mV/m, Nighttime.

Special operating conditions or restrictions:

3 Direction of 110? True North: Distance 2.92 mile. From the KQAM entrance road proceed east 3.9 km to Webb Road, south 1.0 km to Clubhouse Road, east 0.23 km to Stoneybrook, and 0.66 km south east to the monitor point located in the center of the street, in line with the driveway of the residence at 2214 Stoneybrook. The monitor point is point 16 of the December, 1970 full Proof of Performance. The field intensity measured at this point should not exceed 139.0 mV/m, Daytime; 108.2 mV/m, Nighttime.

Direction of 155? True North: Distance 1.82 miles. From the KQAM entrance road proceed east 0.5 mile to Woodlawn Street, South 1.53 mile to Farmview Street. East 0.31 mile to monitoring point located on south edge of street opposite front door of home at 6838 Farmview Street. The field intensity measured at this point should not exceed 75 mV/m, Nighttime.

Direction of 190? True North: Distance 2.71 miles. From the KQAM entrance road proceed west 0.5 mile to Oliver Street, south 2.67 miles to 8th Street, east 0.06 mile to Glendale Street, and north 0.06 mile to monitoring point located on west edge of curb opposite front door of home at 924 Glendale Street. The field intensity measured at this point should not exceed 136.1 mV/m, Daytime; 78 mV/m, Nighttime.

Direction of 215? True North: Distance 2.79 miles. From the KQAM entrance road proceed west 0.5 mile to Oliver Street, south 1.5 miles to 17th Street, west 0.81 mile to Vassar Street, south 0.25 mile to 15th Street, and 125 feet north-east of intersection of 15th and Vassar Street, to monitoring point located 125 feet down diagonal sidewalk on edge of Fairmont Park. The field intensity measured at this point should not exceed 74.0 V/m, Nighttime.

Direction of 345? True North: Distance 1.38 miles. From the KQAM entrance road proceed west 0.5 mile to Oliver Street, north 1.33 miles to 40th Street North, and east 0.1 mile to the intersection of 40th Street North, Harding, and Battin. Monitoring point located on west side of street directly in line with the south edge of the residence at 4124 Battin. The field intensity measured at this point should not exceed 13.6 V/m, Nighttime.

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

**LICENSE RENEWAL AUTHORIZATION**

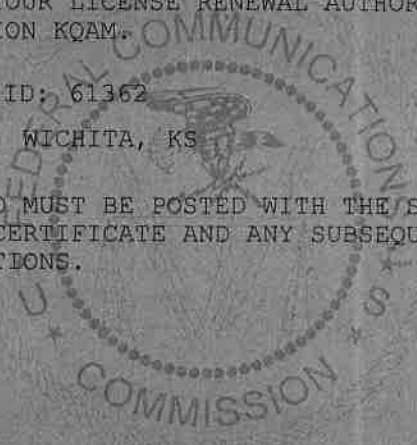
THIS IS TO NOTIFY YOU THAT YOUR APPLICATION FOR RENEWAL OF LICENSE, BR-20130129ALF, WAS GRANTED ON 07/13/2017 FOR A TERM EXPIRING ON 06/01/2021.

THIS IS YOUR LICENSE RENEWAL AUTHORIZATION FOR STATION KQAM.

FACILITY ID: 61362

LOCATION: WICHITA, KS

THIS CARD MUST BE POSTED WITH THE STATION'S LICENSE CERTIFICATE AND ANY SUBSEQUENT MODIFICATIONS.



FCC 372-B (02/00) NOTIFICATION

6720933900 0013

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COMMISSION  
WASHINGTON, DC 20554

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ZIP 20743  
011E11673561

STECKLINE COMMUNICATIONS, INC.  
1632 SOUTH MAIZE  
WICHITA, KS 67209

**LICENSE RENEWAL AUTHORIZATION**

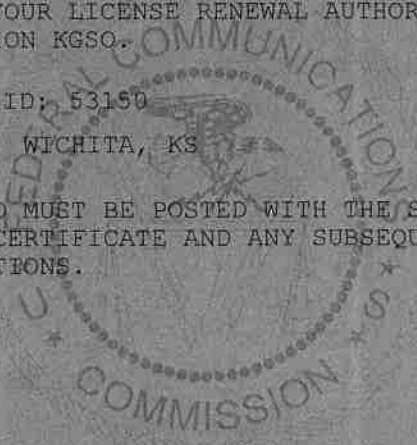
THIS IS TO NOTIFY YOU THAT YOUR APPLICATION FOR RENEWAL OF LICENSE, BR-20130129ALH, WAS GRANTED ON 07/13/2017 FOR A TERM EXPIRING ON 06/01/2021.

THIS IS YOUR LICENSE RENEWAL AUTHORIZATION FOR STATION KGSQ.

FACILITY ID: 53150

LOCATION: WICHITA, KS

THIS CARD MUST BE POSTED WITH THE STATION'S LICENSE CERTIFICATE AND ANY SUBSEQUENT MODIFICATIONS.



FCC 372-B (02/00) NOTIFICATION

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WASHINGTON, DC 20554

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WICHITA, KS 67209