



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

EAGLE COMMUNICATIONS, INC.
 2703 HALL
 SUITE 15
 HAYS KS 67601

Ann Gallagher
 Senior Engineer
 Audio Division
 Media Bureau

Facility Id: 8767

Call Sign: KESJ

License File Number: BMML-20110322ABY

Grant Date: May 25, 2011

This license expires 3:00 a.m.
 local time, February 01, 2013.

This license covers permit no.: BP-20100317AAN

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

Callsign: KESJ

License No.: BMML-20110322ABY

Name of Licensee: EAGLE COMMUNICATIONS, INC.

Station Location: ST. JOSEPH, MO

Frequency (kHz): 1550

Station Class: B

Antenna Coordinates:

Day

Latitude: N 39 Deg 49 Min 39 Sec

Longitude: W 94 Deg 48 Min 39 Sec

Night

Latitude: N 39 Deg 49 Min 39 Sec

Longitude: W 94 Deg 48 Min 39 Sec

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

Nominal Power (kW): Day: 2.5 Night: 0.50

Antenna Input Power (kW): Day: 2.5 Night: 0.54

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 6.48 Night: 3.27

Resistance (ohms): Day: 59.5 Night: 50.5

Non-Directional Antenna: Day

Radiator Height: 48.4 meters; 90 deg

Theoretical Efficiency: 305.8 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	49.9

Night:

Tower No.	ASRN	
1	None	49.9
2	None	49.9
3	None	49.9
4	None	49.9

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 219
 Standard RMS (mV/m/km): Night: 230.1
 Augmented RMS (mV/m/km):
 Q Factor: Night:

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	0.7200	230.000	121.6000	116.900	0	90.0
3	0.9200	105.000	99.9000	171.000	0	90.0
4	1.3300	95.000	95.0000	66.000	0	90.0

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-89	0.667
2	125.2	0.519
3	7.7	0.711
4	0	1

Antenna Monitor: POTOMAC INSTRUMENTS AM 1901-4

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

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

*** END OF AUTHORIZATION ***