FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

File No. : BL-940714AD
FAC ID - 6499
Call Sign : KSIV

LICENSEE: Bott Communications, Inc.

1. **Community of License. . .** : Clayton, MO

2. **Transmitter location.....** : Allison & Cornell Blvds.
Clayton, MO

North Latitude..... : 38° 36' 26"
West Longitude..... : 90° 21' 14"

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

4. **Main Studio Location:** *(See Section 73.1125)*
1750 S. Brentwood Boulevard
Clayton, MO

5. **Remote control location**
Same

6. **Antenna and ground system:**
Attached

7. **Obstruction marking and lighting specifications - FCC Form 715, paragraphs:** None Required.

8. **Frequency.....** : 1320 kHz

9. **Nominal power (kW).....** : 4.6 Day 0.27 Night

Antenna input power (kW) :

4.6 Day ☒ Non-directional antenna : current 8.76 amperes: resistance 60 ohms.
☐ Directional antenna :

0.292 Night ☐ Non-directional antenna : current 2.8 amperes: resistance 50 ohms.
☒ Directional antenna :

10. **Hours of operation :** BP-940714AB

11. **Conditions.....** :

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,[1] the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time
February 1, 1997

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the 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, as amended. This license is subject to the right f or control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

JDS:rao

[1] This license consists of this page and pages 2 & 3

Dated: DEC 19 1994

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
June 1980

File No.: BL-940714AD **Call Sign:** KSIV

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**
No. and Type of Elements: Two (2) vertical, guyed, series-excited, steel radiators of uniform cross section. Theoretical RMS: 159.99 mV/m/km; Augmented RMS: 169.35 mV/m/km; Q = 10.

Height above Insulators: tower #1(E): 56.8 m (90°); tower #2(W): 31.5 m (50°)

Overall Height: tower #1(E): 58.5 m; tower #2(W): 32.5 m

Spacing and Orientation: with tower #1(E) as reference, tower #2(W) is spaced 65° apart on a line bearing 265°T.

Non-Directional Antenna: use tower #1(E) for daytime operation. Theoretical efficiency: 299.34 mV/m/km for 1 kw.

Ground System consists of 120 equally spaced, buried, copper radials between 39.6 m to 63.4 m except where terminated by property boundaries, plus 120 interspersed radials 18.3 m in length about the base of each tower.

2. **THEORETICAL SPECIFICATIONS**

	Tower	#1(E)	#2(W)
Phasing:	Night:	0.0°	-116.0°
Field Ratio:	Night:	1.000	0.440

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	Night:	0°	-92.7°
Antenna Base Current Ratio:	Night:	1.0	1.088
Antenna Monitor Sample Current Ratio:	Night:	1.0	1.44

* **As indicated by** Potomac Instruments PM 1901 Antenna Monitor.
Antenna sampling system approved under Section 73.68(b) of the Rules.

File No: BL-940714AD **Call Sign:** KSIV

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 75° True North. From the entrance to the transmitter site, follow Allison Street east to the bend where it becomes Waymire, Drive. Continue south on Waymire for 2 blocks to Marshall. Turn left (east) and proceed to Brentwood Boulevard. At Brentwood Boulevard, turn left (north) and proceed for 0.6 miles to Manchester road. At this intersection of Manchester and Brentwood, turn right (east) and proceed for 1.9 miles to Bellvue. At Bellvue, turn left (north) and proceed for 0.1 miles. The monitor point is located in the parking lot of an apartment complex 10 yards from the lot entrance. This location is point number 213 and is located 2.25 miles from the antenna array. The field intensity measured at this point should not exceed 15.5 mV/m.

Direction of 85° True North. From monitor point #1, return south on Bellvue to Manchester Road. At the intersection with Manchester Road, turn left (east) and proceed for 0.5 miles to McCausland Avenue. At the intersection, turn right (south) and continue for 0.42 miles to Arsenal. Turn left on Arsenal, and proceed for 0.27 miles to Hudler Street. Turn left on Hudler and proceed for one block. Then turn left and continue for 1.5 blocks parallel to Interstate 44. The monitor point is located on the east side of the street. This location is point number 313, and is located 2.74 miles from the antenna array. The field intensity measured at this point should not exceed 18.4 mV/m.

Direction of 95° True North. From monitor point #2, return south to Arsenal Street. At Arsenal Street, turn right (west) and proceed back across the railroad tracks to McCausland. AT mCCausland, turn left (south) and proceed for 0.43 miles to Manhattan. The monitor point is located near the intersection on a median in the middle of McCausland. This location is point number 411. This location is 2.14 miles from the center of the antenna array. The field intensity measured at this point should not exceed 17.4 mV/m.