

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

File No. : BZ-881129AB

Call Sign : KLOC **KVIN**

LICENSEE:

CLOCK BROADCASTING COMPANY, INC.

**FIP: 12062**

1. Community of License .....: Ceres, CA

2. Transmitter location .....: 2842 Iowa Avenue  
Modesto, CA

North latitude .....: 37 ° 35 , 49 "  
West longitude .....: 121 ° 04 , 15 "

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)

5. Remote control location:  
1303 Tenth Street  
Modesto, CA

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11 & 21.

8. Frequency .....: 920 kHz

9. Nominal power (kW) .....: 0.5 Day - - Night

Antenna input power (kW):  
0.54

Day

☐ Non-directional antenna:

☒ Directional antenna : current 3.29 amperes; resistance 50 ohms.

- - Night

☐ Non-directional antenna:

☐ Directional antenna : current \_\_\_\_\_ amperes; resistance \_\_\_\_\_ ohms.

10. Hours of operation: Specified in BS-4355

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,<sup>1</sup> 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  
December 1, 1990

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 or any decision rendered as a result of any such hearing which has been designated but not held, 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 of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934, as amended.

<sup>1</sup> This license consists of this page and pages



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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three vertical, guyed, series-excited, steel radiators of uniform cross section. Theo. RMS: 231.75 mV/m @ 1 km. Aug. RMS: 243.64 mV/m @ 1 km.

Height above Insulators: 84.7 m (90°)

Overall Height: 86.6 m

Spacing and Orientation: Towers spaced 93° apart on a line bearing 87° True.

Non-Directional Antenna: None Used.

Ground System consists of 120 equally spaced, buried copper radials about the base of each tower 89.3 m in length, except where intersecting radials are shortened and bonded.

2. THEORETICAL SPECIFICATIONS

	Tower	#1(C)	#2(W)	#3(E)
Phasing:		0°	150°	-141.7°

Field Ratio:	1.33	1.00	1.00
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3. OPERATING SPECIFICATIONS

Phase Indication\*:

	0°	-94°	106°
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Antenna Base

Current Ratio:	1.00	0.795	0.799
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Antenna Monitor Sample

Current Ratio:	1.00	0.75	0.78
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\* As indicated by

Potomac Instruments AM-19(204) Antenna Monitor.

Antenna sampling system approved under section 73.63(b) rules.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 70° true North. From the transmitter, proceed north on Iowa Avenue 0.77 mile to Paradise Road, thence west 0.5 mile to Stone Avenue. Proceed north on Stone Avenue 2.0 miles to Maze Blvd., thence east 1.0 mile to Dakota Avenue. Proceed south on Dakota Avenue 0.2 mile to Modesto Irrigation District Lateral No. 4. The monitoring point is situated on the south bank of the irrigation canal 120 feet northeast of the center of Dakota Avenue. Distance from antenna is 2.6 miles. The field intensity measured at this point should not exceed 7.8 mV/m.

Direction of 167° true North. Proceed as first described on Iowa Avenue to Paradise Road, thence west 3.0 miles to the Shiloh Road. Proceed in a southerly direction on Shiloh Road approximately 3.3 miles to Grayson Road, thence east on Grayson Road 4.1 miles to Jennings Road. Proceed north on Jennings Road 0.5 mile to the Turlock Irrigation District Lower Lateral No. 2. The monitoring point is located in the center of the road on the south side of the canal, 250 feet east of Jennings Road. Distance from antenna 1.72 miles. The field intensity measured at this point should not exceed 9.3 mV/m.

Direction of 167° true North. (Alternate). Proceed as described above to Jennings Road, thence east on Grayson Road 0.14 mile to a point opposite the Ltn power pole on the south side of Grayson Road. The point is 150 feet toward the KLOC towers from the north edge of Grayson Road, on private ranch property. Distance from Antenna 2.2 miles.

Direction of 242° true North. Proceed as described above, to the intersection of the Shiloh and Grayson Roads. Proceed east on the Grayson Road 1.02 miles to a private roadway on the north, thence north along this private roadway 0.4 mile to the north side of the Turlock Irrigation District Tower Lateral No. 2. Proceed along the north side of the canal in a general westerly direction approximately 0.55 mile, to the monitoring point. This point is further identified as being approximately 30 feet east of a sharp turn in the canal to the southwest, and is located in the middle of the road on the canal bank. Distance from antenna: 3.56 miles. The field intensity measured at this point should not exceed 6.8 mV/m.