

FCC 352  
May 1984

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-840911AM  
FAC ID: 7754  
Call Sign: KLCY

STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, <sup>1/</sup>the LICENSEE

GARDEN CITY BROADCASTING, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time APRIL 1, 1990

The licensee shall use and operate said apparatus only in accordance with the following terms:

- On a frequency of 930 kHz.
- With nominal power of 1 kilo watts nighttime and 5 kilo watts daytime, with antenna input power of 1080 watts directional  Common point current 4.65 amperes antenna nighttime .....  Common point resistance 50 ohms, and antenna input power of 5 kilo watts non directional  Antenna current 10.3 amperes antenna daytime .....  Antenna resistance 47.1 ohms
- Hours of operation:

AVERAGE HOURS OF SUNRISE AND SUNSET PROVIDED WITH PREVIOUS AUTHORIZATION

- Station location: East Missoula, Montana
- Main studio location:  
(Listed only if not at transmitter site or not within boundaries of principal community)

6. Remote control point: -- 400 Ryman  
Missoula, MT

7. Transmitter location: S. 5th St. W. & Walker  
Missoula, Montana

North Latitude:	46°	51'	57"
West Longitude:	114°	04'	57"

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11, 21, 22

9. Transmitter(s): Type accepted

10. Conditions: --

The Commission reserves the right during said license period of terminating this license or making effective any changes 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.

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 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.

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

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FEDERAL  
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COMMISSION



NOV 27 1984

Dated: NOV 27 1984

File NO.: BL-840911AM

Call Sign: KLCY

Date: 9-28-84

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

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No. and Type of Elements: Three (3) towers guyed, vertical, series excited. RMS: theo. = 332.2 mV/m at 1 Km; RMS std. = 349.43 mV/m at 1 Km:

Height above Insulators: 265' (90°)

Overall Height: 268'

Spacing and Orientation: Three (3) towers in line, spaced 80 electrical degrees apart on a line bearing 84° true.

Non-Directional Antenna: Tower #2(c), other towers floating

Ground System consists of 120-300' buried copper wire radials uniformly spaced around each tower. An additional 120-50' radials are interspersed around each tower.

2. THEORETICAL SPECIFICATIONS

Phasing:	Tower	#1(W)	#2(C)	#3(NE)
	Night	0°	-168.6°	27.8°
Field Ratio:	Night	1	1.52	0.76

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	0°	-169°	26°
Antenna Base Current Ratio:	Night	0.64	1.00	0.54
Antenna Monitor Sample Current Ratio:	Night	0.64	1.00	0.54

\* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD STRENGTH OF MONITORING POINTS:

Direction of 323° true north. 2.47 miles from station 0.1 mile and turn left on 7th Street West. Go 1 block and turn left on Clements. Follow the bend to the right, which becomes South Third West, and continue east 2.05 miles to Mullan Road. Turn left and go 3.8 miles to Fire Station #6 (Missoula Rural Fire District, 8455 Mullan Road). Convenient to park in their lot. MP is by the fence post on the North side of the road across from center of building. The field intensity measured at this point should not exceed 15.50 mV/m.

Direction of 5.5° true north. 3.72 miles from station. From monitoring point #1, back track to Reserve Steet, and go north 0.8 miles to W. Broadway (Highway 93 & 200) and follow signs to Airport. After right exit, turn left on highway and go west 2.5 miles and turn left at airport service road. Turn left again almost immediately by Empire Airways hangar and go east on frontage road 600 feet. Measurement is made on north side of frontage road as shown in photo below. The field intensity measured at this point should not exceed 3.25 mV/m.

Direction of 163° true north. 2.75 miles from station. From monitoring point #2, return east on W. Broadway to Reserve St. Turn right and follow Reserve south to Brooks (Highway 93), a distance of 4.6 miles. Turn right and proceed south-west 1.38 miles to monitoring point on the right side of road. The reflector post shown in background on photo is painted red, and "KLCY M.P." has been boldly painted on the highway shoulder, since there are no nearby reference points to cite. The field intensity measured at this point should not exceed 4.55 mV/m.

Direction of 205° true north. 2.35 miles from station. From monitoring point #3, continue south-west 0.8 mile to Blue Mountain Road. Turn right and go 1.75 miles to pull-off on left side of road and park. Retrace route on foot 85 paces south-east from culvert on east side of road. MP is located on the east side of road. The adjacent fence post has been painted red. To return to the transmitter site, continue north-west on Blue Mountain Road another 1.2 miles and turn right. Follow River Pines road, which becomes North Avenue, 2.3 miles across McClay bridge to Clements Road. Turn left and go 0.8 mile to 7th, turn left, go two blocks and turn right on Walker and go north to transmitter site. The field intensity measured at this point should not exceed 11.50 mV/m.