



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

COMMON GROUND BROADCASTING, INC.
 4880 SANTA ROSA ROAD
 SUITE 300
 CAMARILLO CA 93012

Ann Gallagher
 Senior Engineer
 Audio Division
 Media Bureau

Facility Id: 18518

Call Sign: KKMS

License File Number: BMML-20110719ADM

Grant Date: October 05, 2011

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

This license modifies license no.: BZ-20030710ACK

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	5:00 PM	Jul.	4:45 AM	8:00 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:15 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:30 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:45 AM	7:30 PM	Nov.	7:15 AM	4:45 PM
Jun.	4:30 AM	8:00 PM	Dec.	7:45 AM	4:30 PM

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Name of Licensee: COMMON GROUND BROADCASTING, INC.

Station Location: RICHFIELD, MN

Frequency (kHz): 980

Station Class: B

Antenna Coordinates:

Unlimited

Latitude: N 44 Deg 47 Min 18 Sec

Longitude: W 93 Deg 12 Min 54 Sec

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

Nominal Power (kW): Unlimited: 5.0

Antenna Input Power (kW): Unlimited: 5.4

Antenna Mode: Unlimited: DA

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

Current (amperes): Unlimited: 10.4

Resistance (ohms): Unlimited: 50

Antenna Registration Number(s):

Unlimited:

Tower No.	ASRN	Overall Height (m)
1	1039518	
2	1039519	
3	1039520	
4	1039521	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Unlimited: 644.67

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Unlimited: 677.95

Q Factor: Unlimited: 35.54

Theoretical Parameters:

Unlimited Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.9500	42.800	0.0000	0.000	0	89.9
2	1.8520	-106.000	90.0000	17.000	0	89.9
3	2.0150	102.200	180.0000	17.000	0	89.9
4	1.0000	-42.800	270.0000	17.000	0	89.9

* 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	128.0	12.0	90.12
2	134.0	12.0	70.81
3	144.0	20.0	115.87
4	265.0	10.0	90.12
5	307.0	10.0	122.31

Unlimited Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	148.8	0.547
2	0	1
3	-152.2	1.007
4	57.3	0.453

Antenna Monitor: POTOMAC INSTRUMENTS 1901-4

Sampling System Approved Under Section 73.68 of the Rules.

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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 ***