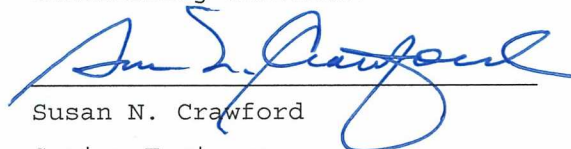




United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

Authorizing Official:



Susan N. Crawford

Senior Engineer

Audio Division

Media Bureau

Official Mailing Address:

RADIO LICENSE HOLDING CBC, LLC

3280 PEACHTREE ROAD, NW

SUITE 2300

ATLANTA GA 30305

Facility Id: 11236

Call Sign: KKOH

License File Number: BMML-20140206AJY

Grant Date: June 24, 2014

This license expires 3:00 a.m.  
local time, October 01, 2021.

This license re-issued October 5, 2015, by SNC to add a Special Operating Condition authorizing the use of modulation dependent carrier level (MDCL) control technology.

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

Name of Licensee: RADIO LICENSE HOLDING CBC, LLC

Station Location: RENO, NV

Frequency (kHz): 780

Station Class: B

## Antenna Coordinates:

## Day

Latitude: N 39 Deg 40 Min 41 Sec

Longitude: W 119 Deg 48 Min 06 Sec

## Night

Latitude: N 39 Deg 40 Min 41 Sec

Longitude: W 119 Deg 48 Min 06 Sec

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

Nominal Power (kW): Day: 50.0 Night: 50.0

Antenna Input Power (kW): Day: 50.0 Night: 52.6

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 32.93 Night: 33.34

Resistance (ohms): Day: 46.1 Night: 47.35

## Non-Directional Antenna: Day

Radiator Height: meters; 90 deg

Theoretical Efficiency: 305.78 mV/m/kw at 1km

## Antenna Registration Number(s):

## Day:

Tower No.	ASRN	Overall Height (m)
1	1014677	

## Night:

Tower No.	ASRN	Overall Height (m)
1	1014677	
2	1014676	
3	1014675	

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 2172.61  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 2287.15  
 Q Factor: Night: 17.23

## Theoretical Parameters:

## Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	-66.000	0.0000	0.000	0	90.0
2	2.1000	0.000	110.0000	75.000	0	90.0
3	1.0000	66.000	110.0000	75.000	1	90.0

## \* 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	52.0	14.0	136.79
2	60.0	14.0	104.61
3	67.0	14.0	91.73
4	83.0	14.0	91.73
5	90.0	14.0	104.61
6	97.0	12.0	131.97
7	255.0	52.0	2940.27

## Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-59.9	0.475
2	0	1
3	63.2	0.494

Antenna Monitor: POTOMAC 1901 SN 889

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.
- 2 The ground system consists of 120-325' equally spaced buried copper radials about each tower. Radials shortened and bonded at intersection.
- 3 Waiver of 47 C.F.R. Section 73.1560(a) is granted to permit the licensee to operate with modulation dependent carrier level (MDCL) control technology, which reduces transmitter power at certain modulation levels.
- 4 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

\*\*\* END OF AUTHORIZATION \*\*\*