



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RADIO LICENSE HOLDING CBC, LLC
 3280 PEACHTREE ROAD, NW
 SUITE 2300
 ATLANTA GA 30305

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 24638

Call Sign: WVFN

License File Number: BZ-20081031ACM

Grant Date: March 04, 2009

This license expires 3:00 a.m.
 local time, October 01, 2012.

DM

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: Daytime with Secondary nighttime

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

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

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Name of Licensee: RADIO LICENSE HOLDING CBC, LLC

Station Location: EAST LANSING, MI

Frequency (kHz): 730

Station Class: D

Antenna Coordinates:

Day

Latitude: N 42 Deg 38 Min 45 Sec

Longitude: W 84 Deg 33 Min 39 Sec

Night

Latitude: N 42 Deg 38 Min 45 Sec

Longitude: W 84 Deg 33 Min 38 Sec

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

Nominal Power (kW): Day: 0.5 Night: 0.05

Antenna Input Power (kW): Day: 0.54 Night: 0.05

Antenna Mode: Day: DA Night: ND

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

Current (amperes): Day: 3.28 Night: 0.383

Resistance (ohms): Day: 50 Night: 340

Non-Directional Antenna: Night

Radiator Height: 158 meters; 138.3 deg

Theoretical Efficiency: 338.8 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1055186	
2	1055187	
3	1055188	

Night:

Tower No.	ASRN	Overall Height (m)
1	1055184	

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DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 199.56

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 210.52

Q Factor: Day: 10

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	146.000	0.0000	0.000	0	70.0
2	1.8200	0.000	80.0000	30.000	0	70.0
3	1.0000	-146.000	80.0000	30.000	1	70.0

* 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	125.0	20.0	20.12
2	125.0	10.0	34.60
3	135.0	20.0	30.58
4	145.0	20.0	30.58
5	155.0	20.0	28.97
6	165.0	20.0	27.36
7	175.5	21.0	28.97
8	210.0	10.0	84.33
9	232.5	45.0	61.16
10	255.0	20.0	26.99
11	265.0	20.0	30.58
12	275.0	20.0	30.58
13	285.0	20.0	32.19
14	295.0	20.0	36.93
15	305.5	21.0	62.76

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	147	0.647
2	0	1
3	-144.3	0.435

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

1 MONITOR POINT DESCRIPTIONS

125° - From intersection of Holt Road and Arelius Road, proceed south onto Arelius for 1.61 km, then left into south entrance of apartment complex, point located 30 feet due east of apartment 1510 (6 in the middle of the parking lot), 3.83 km from site, max 7.1 mV/m daytime.

(1 MI, ON ARELIUS)
DRIVE ON L BEFORE
CHAIN-LINK FENCE.

210° - From intersection of Onondaga Road and McCue Road, proceed west on McCue Road for 1.13 km to point, located on the north side of road, approximately 150 yards northeast of sewage treatment plant, 2.57 km from site, max 37.4 mV/m daytime.

255° - From intersection of Holt Road and Waverly Road, proceed south on Waverly for 0.32 km to point located 35 feet northeast of 1093 Waverly Road, 3.54 km from site, max 5.8 mV/m daytime.

275° - From intersection of Holt Road and Waverly Road, proceed north on Waverly Road for 0.80 km to point located on north side of road, 25 feet northeast of driveway, 3.41 km from site, max 10.4 mV/m daytime.

The 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.

Ground System consists of 120 equally spaced, buried, copper radials about the base of each tower 102.7m in length, except where intersecting radials are shortened and bonded to transverse copper strap midway between towers (daytime). Ground system of nighttime antenna is tied into the ground system of towers #2 & #3.

*** END OF AUTHORIZATION ***