



**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 2200  
 ATLANTA GA 30305

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 7822

Call Sign: WHLD

License File Number: BL-20010702ADF

Grant Date: August 01, 2001

This license expires 3:00 a.m.  
 local time, June 01, 2006.

This License Covers Permit No.: BP-19981022AB

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

Callsign: WHLD

License No.: BL-20010702ADF

Name of Licensee: RADIO LICENSE HOLDING CBC, LLC

Station Location: NIAGARA FALLS, NY

Frequency (kHz): 1270

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 44 Min 41 Sec

Longitude: W 78 Deg 53 Min 13 Sec

Night

Latitude: N 42 Deg 44 Min 41 Sec

Longitude: W 78 Deg 53 Min 13 Sec

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

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.4 Night: 1.08

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1033428 |                    |
| 2         | 1033429 |                    |
| 3         | 1033430 |                    |
| 4         | 1033431 |                    |
| 5         | 1033432 |                    |

Night:

| Tower No. | ASRN    | Overall Height (m) |
|-----------|---------|--------------------|
| 1         | 1033428 |                    |
| 2         | 1033429 |                    |
| 3         | 1033430 |                    |
| 4         | 1033431 |                    |
| 5         | 1033432 |                    |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 837.56 Night: 379.83

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 884.4 Night: 399.3

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1         | 1.0000      | 0.000          | 0.0000         | 0.000              | 0                  | 110.0         |
| 2         | 0.9360      | -169.300       | 131.0000       | 169.500            | 0                  | 110.0         |
| 3         | 1.7460      | -21.000        | 261.9000       | 169.500            | 0                  | 110.0         |
| 4         | 1.6640      | 144.700        | 392.9000       | 169.500            | 0                  | 110.0         |
| 5         | 0.6870      | -39.300        | 523.8000       | 169.500            | 0                  | 110.0         |

\* 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       | 202.0                    | 20.0        | 330.00                                     |
| 2       | 273.5                    | 20.0        | 395.00                                     |
| 3       | 315.0                    | 30.0        | 1166.00                                    |

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1         | 1.0000      | 0.000          | 0.0000         | 0.000              | 0                  | 110.0         |
| 2         | 1.6180      | -178.300       | 131.0000       | 169.500            | 0                  | 110.0         |
| 3         | 1.9570      | -34.500        | 261.9000       | 169.500            | 0                  | 110.0         |
| 4         | 2.0090      | 137.100        | 392.9000       | 169.500            | 0                  | 110.0         |
| 5         | 0.8330      | -41.000        | 523.8000       | 169.500            | 0                  | 110.0         |

\* 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                     | 20.0        | 40.00                                      |
| 2       | 59.0                     | 20.0        | 42.00                                      |
| 3       | 67.0                     | 20.0        | 18.00                                      |
| 4       | 272.0                    | 20.0        | 18.80                                      |
| 5       | 280.0                    | 30.0        | 39.00                                      |
| 6       | 287.0                    | 30.0        | 54.00                                      |

Day Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1        | -25.3        | 0.235                                |
| 2        | 168.6        | 0.383                                |
| 3        | 0            | 1                                    |
| 4        | 118.7        | 1.084                                |
| 5        | -120.6       | 0.386                                |

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1        | -34.8        | 0.584                                |
| 2        | -112.8       | 0.864                                |
| 3        | 0            | 1                                    |
| 4        | 152.6        | 1.136                                |
| 5        | -65.2        | 0.573                                |

Day Operation:

| Radial<br>(Deg. T) | Distance From Transmitter<br>(kM) | Maximum Field Strength<br>(mV/m) |
|--------------------|-----------------------------------|----------------------------------|
| 48                 | 8.7                               | 19.62                            |
| 65.5               | 8.8                               | 15.46                            |
| 93.5               | 5.79                              | 24.8                             |
| 137                | 4.59                              | 29.15                            |
| 202                | 4.39                              | 35.43                            |

Night Operation:

| Radial<br>(Deg. T) | Distance From Transmitter<br>(kM) | Maximum Field Strength<br>(mV/m) |
|--------------------|-----------------------------------|----------------------------------|
| 52                 | 9.3                               | 1.39                             |
| 67                 | 8.58                              | 0.81                             |
| 137                | 4.59                              | 13.28                            |
| 202                | 4.39                              | 12.64                            |

Special operating conditions or restrictions:

- 1 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 \*\*\*