



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: 50515

Call Sign: WSKO

License File Number: BZ-20230508AAA

Grant Date: August 15, 2023

This license expires 3:00 a.m.
local time, June 01, 2030.

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

Name of Licensee: RADIO LICENSE HOLDING CBC, LLC

Station Location: SYRACUSE, NY

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 43 Deg 01 Min 32 Sec

Longitude: W 76 Deg 03 Min 55 Sec

Night

Latitude: N 43 Deg 01 Min 32 Sec

Longitude: W 76 Deg 03 Min 55 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: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 8.52 Night: 10.4

Resistance (ohms): Day: 69 Night: 50

Non-Directional Antenna: Day

Radiator Height: meters; 94.5 deg

Theoretical Efficiency: 308.99 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1005887	

Night:

Tower No.	ASRN	Overall Height (m)
1	1005887	
2	1005888	
3	1005889	
4	100590	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 701.67
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 737.26
 Q Factor: Night: 22.36

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	94.5
2	1.0000	145.200	149.2000	174.000	0	94.5
3	1.0000	-92.800	90.0000	140.000	1	94.5
4	1.0000	122.000	90.0000	140.000	0	94.5

* 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	87.0	12.0	49.08
2	92.5	11.0	48.28
3	98.0	11.0	49.08
4	103.5	11.0	50.69
5	189.5	10.0	40.23
6	250.5	10.0	80.63

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	0.88
2	137	0.99
3	-103	1.015
4	118.5	1

Antenna Monitor: POTOMAC INSTRUMENT AM 1901-4

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
98	2.77	14.42
189.5	5.1	1.44
250	4.47	18.36

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.
- 2 The ground system consists of 120 equally spaced copper radials 61.0 m or 200' in length, except where shortened to copper bonding straps, plus ground screens 14.6m by 14.6m or 48' by 48' buried about each tower.
- 3 Description of Monitoring Points:
Direction of 98° true North. From the WNSS transmitter site proceed west on Andrews Road 0.35 mile to Jamesville Road. Turn north (right) on Jamesville road and proceed 0.75 mile to East Genesee Street. Turn southeast (right) on East Genesee Street and proceed 1.3 mile to junction of NY Route 92 and NY Route 5. Bear right on Route 92 and proceed 0.78 mile to monitor point. Monitor point is on south side of Route 92 at road marker 92-3301-2026 near driveway of 7070 NY Route 92 (Highbridge Road).

The 98° T Monitor Point is 2.77 km (1.72 mi) from the WNSS antenna system at NAD-27 coordinates of N43°01'20.4" W 76°-01'-53.6".

Direction of 189.5° true North. The measurement point is located on the northwest corner of Apulia and Coye Roads, at the center of the southern edge of the gravel lot, Jamesville, New York. Point Number 8 and the distance from transmitter site: 5.10 kilometers

Direction of 250° true North. From the WNSS transmitter site proceed west on Andrews Road 0.35 mile to Jamesville Road. Turn south (left) on Jamesville Road and proceed 0.80 mile to Nottingham Road. Turn west (right) on Nottingham Road and proceed 2.2 miles to Colvin Street. Turn west (left) on Colvin Street and continue 0.65 mile to Skytop Road. Turn south (left) at stoplight onto Skytop Road and proceed 0.85 mile to a point where you are in line with the northwest face of the Skytop Office Building. The monitor point is on the west shoulder of Skytop Road. The 250°T Monitor Point is 4.47 km (2.78 mi) from the WNSS antenna system at NAD-27 coordinates of N 43°-00'-41" W 76°-06'-59.9"

*** END OF AUTHORIZATION ***