



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

GOIS BROADCASTING OF CONNECTICUT, LLC  
 122 GREEN STREET, SUITE 2R  
 WORCESTER MA 01604

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Grant Date: February 29, 2016

Facility Id: 1911

Call Sign: WLAT

This license expires 3:00 a.m.  
 local time, April 01, 2022.

License File Number: BMML-20150928AGK

This license covers permit no.: BP-20120730AKP

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

Name of Licensee: GOIS BROADCASTING OF CONNECTICUT, LLC

Station Location: NEW BRITAIN, CT

Frequency (kHz): 910

Station Class: B

Antenna Coordinates:

Day

Latitude: N 41 Deg 42 Min 58 Sec

Longitude: W 72 Deg 48 Min 37 Sec

Night

Latitude: N 41 Deg 42 Min 58 Sec

Longitude: W 72 Deg 48 Min 37 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: 2.8

Antenna Input Power (kW): Day: 5.0 Night: 3.0

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 9.94 Night: 7.78

Resistance (ohms): Day: 43 Night: 50

Non-Directional Antenna: Day

Radiator Height: 82.3 meters; 90 deg

Theoretical Efficiency: 282.12 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1239619	

Night:

Tower No.	ASRN	Overall Height (m)
1	1055558	
2	1055559	
3	1055560	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 556.93  
 Standard RMS (mV/m/km): Night: 585.16  
 Augmented RMS (mV/m/km):  
 Q Factor: Night:

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	90.0
2	1.8080	140.100	90.0000	313.000	0	90.0
3	1.0000	280.200	180.0000	313.000	0	90.0

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-141.4	0.528
2	0	1
3	138.5	0.595

Antenna Monitor: POTOMAC INSTRUMENTS AM-19D(210)

Special operating conditions or restrictions:

- 1 The ground system consists of 120 buried copper radials, extending 82.3 meters in length, about the base of the towers except where shortened to terminate at property boundaries or transverse copper straps running midway between towers. The material used for the radials is #10 AWG, soft drawn copper wire.
- 2 The licensee shall perform the measurements described in 73.155 at least once within each 24-month period.

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