



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

TRIGNITION MEDIA, LLC
 1056 WILLARD AVENUE
 NEWINGTON CT 06111

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 26314

Call Sign: WRYM

License File Number: BL-19980319KA

Grant Date: May 07, 1998

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

This authorization re-issued to reflect

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.	7:15 AM	4:45 PM	Jul.	4:30 AM	7:30 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:00 AM	6:45 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: TRIGNITION MEDIA, LLC

Station Location: NEW BRITAIN, CT

Frequency (kHz): 840

Station Class: D

Antenna Coordinates:

Day

Latitude: N 41 Deg 41 Min 10 Sec

Longitude: W 72 Deg 43 Min 47 Sec

Night

Latitude: N 41 Deg 41 Min 10 Sec

Longitude: W 72 Deg 43 Min 47 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.125

Antenna Input Power (kW): Day: 1.0 Night: 0.194

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 6.33 Night: 2.04

Resistance (ohms): Day: 25 Night: 50

Non-Directional Antenna: Day

Radiator Height: 76.8 meters; 77.5 deg

Theoretical Efficiency: 297.73 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1040394	

Night:

Tower No.	ASRN	Overall Height (m)
1	None	61
2	1040394	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 105.3
 Standard RMS (mV/m/km): Night: 111.06
 Augmented RMS (mV/m/km):
 Q Factor: Night: 10

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.9880	134.900	0.0000	0.000	0	61.0
2	1.0000	0.000	54.7000	68.100	0	77.5

* 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	134	
2	0	

Antenna Monitor: POTOMAC INSTRUMENTS 1901-2

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
213.5	3.69	
282.5	3.89	

*** END OF AUTHORIZATION ***