



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

TRIGNITION MEDIA, LLC
1056 WILLARD AVENUE
NEWINGTON CT 06111

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 138550

Call Sign: W297BT

Permit File Number: BMPFT-20160624ACB

Grant Date: July 12, 2016

The authority granted herein has no effect on the expiration date of the underlying construction permit.

This permit modifies permit no.: BPFT-20160129AVN

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: TRIGNITION MEDIA, LLC

Principal community to be served: CT-NEW BRITAIN

Primary Station: WRYM (AM) , Frequency 840 kHz, NEW BRITAIN, CT

Via: Other

Frequency (MHz): 107.3

Channel: 297

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 41 deg 46 min 00 sec
 West Longitude: 72 deg 40 min 38 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Directional

Major lobe directions 0 120 220
 (degrees true):

Horizontally	Vertically
Polarized	Polarized
Antenna:	Antenna:

Effective radiated power in the Horizontal Plane (kw):	0.099	0.099
Height of radiation center above ground (Meters):	168	168
Height of radiation center above mean sea level (Meters):	183	183

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 170 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- The permittee/licensee shall, upon completion of construction and during the equipment test period, make proper radiofrequency electromagnetic (RF) field strength measurements throughout the area, including inside and on the roof of all nearby buildings, to determine if there are any areas that exceed the FCC guidelines for human exposure to RF fields. Any areas, including inside or on the roof of a building, found to exceed the recommended guidelines must be clearly marked with appropriate visual warning signs which describe the nature of the hazard. Furthermore, access to these areas must be restricted to prevent the exposure of humans to RF fields in excess of the FCC Guidelines (OET Bulletin No. 65, Edition 97-01, August 1997). Documentation demonstrating compliance with this special operating condition shall be submitted at the time of filing of the FCC Form 350-FM.

Special operating conditions or restrictions:

- 2 Pursuant to Revitalization of the AM Radio Service, First Report and Order, 30 FCC Rcd 12145, 12153 para. 16 (2015), the permittee/licensee and any successor in interest (licensee) shall be subject to the following restrictions. From the grant of the construction permit and continuing until the facility has achieved four years of on-air operations rebroadcasting the primary AM station identified on this authorization, the licensee may NOT change such primary station being rebroadcast by this translator, nor may it rebroadcast another station when the primary station identified on this authorization is silent. Periods of station silence shall not count toward the fulfillment of this four-year requirement. During this same four-year period the licensee may not assign or transfer the construction permit/license to another party, unless it is to the licensee of the AM station identified on this authorization or unless such assignment or transfer provides for the continuing right of the primary station to rebroadcast on the translator. Minor modifications of this authorization are permitted, provided that the translator will continue to rebroadcast the AM station for which the modification was granted.
- 3 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.
- 4 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.

*** END OF AUTHORIZATION ***