



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

Authorizing Official:

Official Mailing Address:

SACRED HEART UNIVERSITY, INC.
5151 PARK AVE
FAIRFIELD CT 06825

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 143438

Call Sign: W293AU

Permit File Number: BMPFT-20160914AAV

Grant Date: September 28, 2016

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

This permit modifies permit no.: BPFT-20130703ABN

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: SACRED HEART UNIVERSITY, INC.

Principal community to be served: CT-DERBY

Primary Station: WSHU-FM (FM) , Channel 216, FAIRFIELD, CT

Via: Other

Frequency (MHz): 106.5

Channel: 293

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 41 deg 16 min 44 sec
West Longitude: 73 deg 11 min 08 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 30 60 310
(degrees true):

Horizontally Polarized Antenna: Vertically Polarized Antenna:

Effective radiated power in the Horizontal Plane (kw): 0.035 0.035
Height of radiation center above ground (Meters): 137 137
Height of radiation center above mean sea level (Meters): 296 296

Antenna structure registration number: 1205267

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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 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.
- 3 Since the application proposes to mount its antenna above the co-located existing directional antennas of the following:

WPKN, Bridgeport, CT (Facility ID No. 73886)
WSHU-FM, Fairfield, CT (Facility ID No. 58515)

the permittee must submit, with the FCC Form 350, application for license, an exhibit including a statement from the manufacturers of the directional antennas listed above, stating that the proposed antenna will have no adverse effect on the above listed directional antenna patterns.

*** END OF AUTHORIZATION ***