

MINOR CHANGE APPLICATION
NANTUCKET PUBLIC RADIO, INC.
W300BE FM TRANSLATOR STATION
CH 300D - 107.9 MHZ - 0.05 KW - DA
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Technical Statement

This Technical Statement and exhibits were prepared on behalf of Nantucket Public Radio, Inc. ("Nantucket"), licensee of FM translator W300BE, Channel 300D, Vineyard Haven, Massachusetts (BLFT-20150619AAD). Nantucket requests authorization to change the directional antenna on the currently licensed Channel 300D (107.9 MHz). No interference is delivered to other broadcast facilities, as shown in Exhibit C.

It is proposed to locate the W300BE antenna on the existing tower that has been registered with the FCC and assigned Antenna Structure Registration Number 1004088. No relocation of the W300BE antenna is proposed.

The proposed W300BE facility on Channel 300 will rebroadcast the HD-2 signal of FM station WPXC, Channel 275B1, Hyannis, Massachusetts. The proposed W300BE's 57 dBu contour does not extend past the WPXC 57 dBu contour. W300BE is considered a fill-in translator for WPXC. Exhibit A is a map demonstrating compliance with §74.1201(g) of the Commission's rules.

Exhibit B demonstrates there is common 60 dBu service area between the current W300BE license and W300BE as proposed herein.

Exhibit D demonstrates compliance with the Commission's human exposure guidelines for radio frequency radiation. All supporting data used in the preparation of this application has been forwarded to Nantucket and is available for submission to the Commission upon request.¹

1) All data regarding broadcast facilities was extracted from the CBDS database on the date of the interference tabulation. We assume no liability for errors or omissions in that database which may be adverse to the requests contained herein. Only the radio frequency exposure review of the environmental analysis was undertaken as part of this instant engineering application.