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NEW TRANSLATOR - CHANNEL 300 - VINEYARD HAVEN, MA  
FOR WNCK(FM) - NANTUCKET, MA

**INTERFERENCE EXHIBIT**

The proposed facility was examined for its ability to generate prohibited interference with existing and proposed stations. Only two stations, WXKS(FM), 300B, Boston, MA, (Facility ID 53965) and WFCC-FM, 298B, Chatham, MA, (Facility ID 17066) warranted detailed study.

Included in this Exhibit is a plot of the 54 dBu f(50,50) and 40 dBu f(50,10) contour of WXKS(FM) and 34 dBu f(50,10) and 60 dBu f(50,50) contours of the proposed translator. Also included is a plot of the 54 dBu f(50,50) and 100 dBu f(50,10) contour of WFCC-FM and 94 dBu f(50,10) and 60 dBu f(50,50) contours of the proposed translator.

As shown:

1. The 34 dBu contour from the proposed translator does not overlap the 54 dBu contour of WXKS(FM).
2. The 94 dBu contour from the proposed translator does not overlap the 54 dBu contour of WFCC-FM.
3. The 40 dBu contour from the WXKS(FM) facility does overlap the 60 dBu contour of the proposed translator. Such overlap is not prohibited by 47 CFR 74.1240. The earth curvature and intervening terrain will protect Vineyard Haven from interference from WXKS(FM).

The proposed translator meets all spacing requirements to stations separated by 53 or 54 channels from the proposed channel.