

WMEX Form 301 Application – Engineering Exhibit

Overview

This Form 301 application is being filed subsequent to the filing of Form 302-FM (File Number BLH-20011019AAA) and completion of construction as authorized in the underlying Construction Permit (File Number BPH-20000907AAC.) Grant of this application is therefore contingent upon, and would need to be subsequent to, grant of a License to cover the earlier permit.

Exhibit 27 - Compliance with 73.213(c)

The reference coordinates for Channel 293A at Farmington, New Hampshire are:

North Latitude 43-21-47
West Longitude 71-06-19.

This reference point is spaced 64.4 km. From first adjacent WBQW on Channel 292A at Scarborough, Maine, and thereby became short-spaced to WBQW as a result of the revision of Section 73.207 in the Second Report and Order in MM Docket No. 88-375.

Therefore, under Section 73.213(c) of the Rules, the 64 km. Minimum spacing requirement of Sections 73.213(c)(1) applies for applicants proposing no more than 3,000 Watts ERP at 100 meters HAAT or equivalent (class contour distance of 24 km.) The applicant proposes this equivalent contour distance, and the proposed site is 66.9 km. from WBQW, thereby meeting the spacing requirements of Section 73.213 (c)(1).

The proposal meets the requirements of Section 73.207 with respect to all other facilities.

Respectfully submitted,

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