

**MULLANEY ENGINEERING, INC.**

9049 SHADY GROVE COURT  
GAITHERSBURG, MD 20877

**ENGINEERING EXHIBIT EE:**

**DANIEL F. PRIESTLEY  
VEAZIE, MAINE**

**0.86/1.0 KW-ND-U 1400 KHZ**

**MARCH 3, 2001**

ENGINEERING STATEMENT IN SUPPORT OF  
AN **AMENDMENT** TO  
A PENDING APPLICATION FOR A  
NEW CLASS C (IV) AM FACILITY

File No. BNP-20000128AAY - Facility ID: 122379

File No. BNP-20001016AAF - Facility ID: 128805

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2. Figure 8-A, Nighttime I.F. Limit.

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**NARRATIVE STATEMENT:**

**I. General:**

This engineering statement has been prepared on behalf of Daniel F. Priestley, an applicant for a new Class C (IV) AM facility on 1400 kHz at Veazie, Maine. This amendment provides a nighttime Interference-Free (I.F.) coverage map and nighttime I.F. limit calculation.

**II. Engineering Discussion:**

**A. Class C (IV) Allocation Criteria:**

In the past it was the understanding that Class C (IV) AM stations were not required to demonstrate nighttime coverage. However, this no longer appears to be correct. Figures 8 & 8-A are a map and tabulation of the nighttime I.F. coverage. The nighttime limit proposed herein is 24.4 mV/M and it provides complete coverage to the city of Veazie, Maine, as depicted on the map.

It should be noted that this proposal operating at 0.25 kW does not receive prohibited overlap from any other Class C facility also operating with no more than 0.25 kW. In addition, this proposal operating at 0.25 kW does not cause prohibited overlap to any other Class C facility operating at their licensed power (which may be larger than 0.25 kW).

**III. SUMMARY:**

Daniel F. Priestley requests a Construction Permit for a new Class C (IV) AM facility on 1400 kHz at Veazie, Maine. This engineering proposal as amended is in full compliance with the Commission's Technical & Duopoly Rules.

/s/ John J. Mullaney

John J. Mullaney, Consulting Engineer

March 3, 2001.