U.S. Department of Homeland Security

United States Coast Guard

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DEC 19 2007

Ms. Jody Sturtze
Tideland Signal Corporation
PO Box 52430
Houston, TX 77052-2430

Dear Ms. Sturtze:

This is in response to your letter of November 28, 2007 requesting approval of your MLED-155 millimeter (mm) lantern and ML-300 mm lantern using the MaxiHalo-EFF LED for use on Class A and B structures in District 8 waters.

You are authorized to identify the white MLED-155mm lantern using the MaxiHalo-EFF LED as being "U. S. Coast Guard Approved" for Class "A" and "B" structures, and the white MLED-300mm lantern using the MaxiHalo-EFF LED as being "U. S. Coast Guard Approved" for Class "A" structures when operated under the jurisdiction of the 8th Coast Guard District. This approval is based on test data provided in your reports as well as the discussion below:

The white MLED-155mm lantern using the MaxiHalo-EFF LED operating with a Quick flash rhythm (0.3 seconds ON) at an input power of 1.36 watts will provide a minimum effective intensity of 84 candela satisfying the requirements of 25 candela for class "B" structures. The white MLED-155mm using the MaxiHalo-EFF LED operating with a Quick flash rhythm (0.3 seconds ON) with an input power of 2.67 watts will provide a minimum effective intensity of 171 candela satisfying the requirements of 125 candela for use on class "A" structures. The white MLED-300mm using the MaxiHalo-EFF LED operating with a Quick flash rhythm (0.3 seconds ON) with an input power of 1.67 watts will provide a minimum effective intensity of 173 candela satisfying the requirements of 125 candela for use on class "A" structures.

Sincerely,

E. S. ANDERSON
Commander, U. S. Coast Guard
Chief, Visual Navigation Branch
By direction