

U.S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
United States Coast Guard
Marine Safety Center

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16710/P011727
Serial: H1-1103504
October 13, 2011

Walworth Yacht Designs
Attn: Mr. David Walworth
PO Box 3792
Kingshill, VI 00851

Subj: ECO ISLENO, O. N. 1024502
Gold Coast Yachts Hull No GC15WP0894
45' x 16' x 4.4' Catamaran Small Passenger Vessel (T)
25 Persons/Exposed Waters
Stability for Increased Assumed Average Weight Per Person (AAWPP)

Ref: (a) Your Letter, "M/V Eco Isleno," dated September 12, 2011
(b) Federal Register, Vol. 75, No. 239, "Passenger Weight and Inspected Vessel Stability Requirements; Final Rule," dated December 14, 2010

Dear Mr. Walworth:

We reviewed reference (a), received with your letter dated September 12, 2011, for compliance with the requirements of Subchapters T and S, and reference (b). Accordingly, reference (a) is "**Examined.**" Supporting calculations such as these are not normally approved; however, the information presented is used in verifying the vessel's compliance with applicable stability requirements. As with all calculations, the responsibility for the accuracy rests with the submitter. The following comments apply:

1. We note that reference (a) was submitted in order to demonstrate compliance with the requirements of reference (b). You have chosen to reduce the vessel's maximum personnel load from 32 to 27 in order to compensate for the increased assumed passenger weight via the weight ratio method.

2. Your loading conditions assume an average weight of 185 pounds per person. Based on our review of your calculations, we concur that the subject vessel has adequate stability in all indicated conditions of loading and operation for service with up to 25 passengers and 2 crew members on an Exposed Waters route.

As we do not have sufficient information in our records to issue a revised stability letter for the vessel, we are issuing a stability letter addendum reflecting the abovementioned passenger reduction. The vessel's current stability letter will, in conjunction with the addendum, remain valid and in effect.

16710/P011272
Serial: H1-1103304
October 13, 2011

Subj: ECO ISLENO, O. N. 1094902; Stability for Increased Assumed Average Weight Per Person (AAWPP)

Enclosure (1) is the addendum to the subject vessel's current stability letter. This addendum is applicable to the vessel as presently configured and outfitted. The vessel's owner is responsible for ensuring that it is posted by December 1, 2011, under glass or other suitable transparent material on board the vessel, along with the stability letter, so that all pages are visible.

Should there be any questions or comments regarding this letter, please contact the project officer, LT Jarred Hinton, at the phone number listed above.

Sincerely,



M. R. NEELAND
Lieutenant Commander, U.S. Coast Guard
Chief, Small Vessel Branch
By direction

Encl: (1) Stability Letter Addendum for ISLAND FLYER, dated December 1, 2011

Copy: Supervisor, U. S. Coast Guard Marine Safety Detachment St. Thomas