

E. Wind

U.S. Department  
of Transportation  
  
United States  
Coast Guard



Commanding Officer  
United States Coast Guard  
Marine Safety Office

Edif. Rodriguez & del Valle  
Calle san Martin, Plso #4  
Carr #2, Km 4.9  
Guaynabo, PR 00968  
Staff Symbol:  
Phone: 787 706 2400  
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16710  
11/2/99

Mr. Roger Hatfield  
Gold Coast Yachts  
P.O. Box 1980  
Kingshill  
St. Croix, USVI

Dear Mr. Hatfield,

My St. Croix staff has reviewed the seating arrangement plans you submitted on October 12, 1999. to demonstrate the GC-62 new construction project compliance with 46 CFR 182 Subpart E and 46 CFR 177 Subpart B. I am returning these plans, enclosures (1) and (2), without action, as I cannot make an informed decision without the following information:

1. Length of rail criteria: I note that you calculated 30 feet of rail for 20 passengers or 18 inches per passenger. In accordance with 46 CFR 176.113(b)(1) one passenger is permitted for each 30 inches or rail space.
2. Seating at the periphery of the trampoline/net area: Seats proposed at the periphery of the netting provide inadequate passenger protection and may not be counted as a seat.
3. Seating forward of the house: To include in the passenger criteria the area at the front windshield forward of the house seats integral with the boat structure or, permanently or temporarily installed seats must be provided.
4. Hydraulic Steering system: Please provide the melting point of the copper tubing. I note that you are using four short J-1942 hoses. Additionally, and not shown on your drawing is that the flexible hose fitting comply with SAE J-1475. Provide evidence that the flexible hose arrangement is in compliance with SAE J-1475. Provide the maximum pressure that the steering system will be subject to. Provide an independent rudder angle indicator.
5. Windshield: Provide evidence that the windshield meets 46 CFR 177.1010.
6. Access to double bottoms: Provide access to provide inspection of the double bottoms.
7. Electrical: Provide electrical schematic.
- 8.

Should there be any questions please feel free to contact the project officer, CWO Jon Mahony at 340 772 5557.

Sincerely,

J. A. SERVIDIO  
Commander, U. S. Coast Guard  
Officer in Charge, Marine Inspection

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01SEP97 31AUG98

671C/P005654  
Serial: H1-9905822  
November 16, 1999

Subj: EASTWIND, #CG057154; FRP Hull Structure

specified on the Certificate of Inspection (COI) issued by the OCMI. Prior to issuing the COI, the OCMI will determine whether there is adequate means of obtaining weather data upon which to make operational decisions, and ensure that a person is designated as being responsible for decisions to cancel or delay a particular voyage due to the weather data available. This may further influence the vessel's authorized route.

The double bottom watertight compartments that extend from Frame 6 to the stern must be accessible for inspection of the hull. The double bottom watertight compartments must also have a means of being dewatered.

Should there be any questions please feel free to contact the project officer, Lieutenant (Junior Grade) George Borlase, at the above number.

Sincerely,

  
A. D. WIEST

Lieutenant Commander, U.S. Coast Guard  
Chief, MODU Branch  
By direction of the Commanding Officer

- Encl: (1) Drawing #GC62SR3-02, Frames, dated June 9, 1999  
(2) Drawing #GC62SR3-03, Keel Offsets and Stem Details, dated June 4, 1999  
(3) Drawing #GC62SR3-04, Construction Details, dated July 22, 1999  
(4) Drawing #GC62SR3-05, Crossbeams, dated July 22, 1999  
(5) Drawing #GC62SR3-06, Underwing Beams/Forward Longitudinals, dated July 23, 1999  
(6) Drawing #GC62SR3-07, Flying A, dated July 28, 1999  
(7) Drawing #GC62SR3-09, Deck Construction, dated June 30, 1999  
(8) Drawing #GC62SR3-12, Daggerboard Trunk, dated June 23, 1999  
(9) Drawing #GC62SR3-13, Frames, dated June 25, 1999  
(10) Structural Calculations for 1997 ABS High Speed Craft, dated July 20, 1999

Copy: MSO Miami w/o enclosures  
RIO St. Croix