



US Coast Guard Stop 7430
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Commanding Officer
United States Coast Guard
Marine Safety Center

STABILITY LETTER 16710/P023006
 Serial: HI-21/100832
 March 23, 2021

Master, NEW CONSTRUCTION, CG1642974
Armstrong Consolidated Hull No. ACO8014CB021
34'0" x 10'0" x 4'0" Catamaran Small Passenger Vessel (T)

You are responsible for maintaining this vessel in a satisfactory stability condition at all times and for following the instructions and precautions listed below. You are reminded that 46 CFR 185.315 requires you to verify your compliance with these instructions and precautions after loading and prior to departure on each voyage.

A deadweight survey, witnessed by the U.S. Coast Guard, was conducted on the SEIKO, O.N. 1302452 (Armstrong Consolidated Hull No. ACO6269CL919), a sister ship to the subject vessel, at Port Townsend, Washington, on October 5, 2020. On the basis of that survey, and a conservative estimate of the vessel's lightship vertical center of gravity, stability calculations have been performed. Results indicate that the stability of Armstrong Consolidated Hull No. ACO8014CB021, as presently outfitted and equipped, is satisfactory for operation on Exposed Waters provided that the following restrictions are observed.

OPERATING RESTRICTIONS

1. ROUTE: Operation on Exposed Waters may be permitted. Since the vessel's route is based upon other considerations in addition to stability, you are cautioned that the route may be further limited to that specified on the Certificate of Inspection (COI).
2. PERSONNEL: A maximum of 20 persons may be carried on this vessel, of which 18 may be passengers. These numbers are based on an average weight of 185 pounds per person. Since the personnel capacity is based upon other considerations in addition to stability, you are cautioned that the number of persons carried and their distribution may be further limited to that specified on the COI.
3. FREEBOARD AND DRAFT: A minimum freeboard of 1 foot 9 1/4 inches to the main deck at amidships must be maintained. This corresponds to a maximum baseline (mean) draft of 2 feet 2 1/4 inches. Amidships is located 14 feet 5 5/8 inches forward of the Aft Perpendicular (AP). Trim and list should be minimized.
4. HULL OPENINGS: Any openings that could allow water to enter the hull or deckhouse should be kept closed when rough weather or sea conditions exist or are anticipated.