

B4 Measurement Trim

B4.1 Boats shall be dry in light ship condition without crew and shall include the following:

- a) Internal ballast, if any, which shall be fixed below the cabin sole, or as low as possible at any station and fixed to the hull structure to prevent movement.
- b) Batteries.
- c) Fixed and/or essentially permanent interior accommodation, hatch covers and floor boards.
- d) Fixed and/or essentially permanent machinery, electrical and plumbing systems.
- e) Outboard engine in the position as carried on board while racing, properly secured on its bracket, or stowed on board, with its center of gravity abaft the mast.
- f) Mast, boom, spinnaker pole and/or sprit, if any, in their normal position when racing upwind. Masts shall be raked aft to the limit of their adjustment. Where this limit is forward of the vertical the mast shall be set vertical.
- g) Standing rigging and fittings. All standing rigging and related fittings used whilst racing shall be attached in their normal positions. Running rigging forward of the mast and all halyards and lifts shall be taken to the foot of the mast and hauled tight. All other pieces of running rigging abaft the mast shall be taken to their aftermost position and hauled tight. All halyard tails shall be taken to their normal working positions. If the halyard weight varies significantly along its length, the tail shall be on the cabin floor for the inclining experiment, with the halyard fully hoisted and attached to a light messenger line. A halyard may be used as a topping lift.
- h) Rudder, wheel/tiller and steering gear, fitted complete as for racing.
- i) Keel and any bulb, fitted complete as for racing.
- j) Centerboard(s) and drop keels shall be fully raised. If any drop keel or movable appendage is to be locked when racing it shall be so locked and the locking device shall be in place.
- k) All fixed electronics, instruments, compasses, lights, antennas and masthead devices.
- l) All halyards as for racing.
- m) Boom running rigging and any vang, as for racing. Booms shall be secured at the low points of P and PY, as the case may be.
- n) Hydraulic systems including hydraulic tanks shall be full for measurement and shall remain full when racing.
- o) Pulpits, stanchions and lifelines.
- p) Mattresses and permanently installed table, doors on their normal position.
- q) Permanently installed stoves, heaters or other electrical devices.
- r) DSS appendage shall be completely retracted with no part outside of the hull.
- s) Bilgeboard(s) shall be fully raised.

B4.2 Specifically excluded from Measurement Trim are the following:

- a) Water and the liquid contents of any tanks or voids in the keel or any other appendage. Fuel tank shall be as empty as possible (recommended). If this is not possible, the tank's capacity, distance from stem and condition at measurement shall be recorded. Multiple fuel tanks shall not be connected during measurement unless they are empty.
- b) Any ballast not included in B4.1, except any corrector weight required by the relevant One Design Class Rule to which the boat complies.
- c) Any sails, including storm and emergency sails.
- d) Sheets, blocks, winch handles and other running rigging, except as in B4.1 above.
- e) All portable safety gear, including fire extinguishers and liferafts.
- f) Cushions, pillows and any other bedding, towels, etc.

- g) All cooking and eating utensils, portable heaters and compressed gas bottles
- h) Any food or stores
- i) All tools, spares and stores.
- j) Miscellaneous portable and personal gear, books, navigation tools, etc.
- k) Anchors and anchor ropes, including both chain and fiber.
- l) Dock and mooring lines and any other cordage.
- m) Outboard engine when it is not carried on board while racing.