

International 2.4mR Class Association, Technical Committee

$$R = (L + 2d - F + \sqrt{S}) / 2.37 = 2.4$$

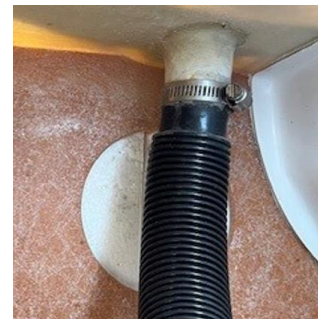


2.4mR TC ADVICE 2025

2.4mR & 2.4 COMPARTMENT OPENING v. 3

BACKGROUND

2.4mR and 2.4 NOD class rules specify that waterproof compartments shall have an inspection opening of minimum 100mm diameter. The opening requirement applies to all compartments to ensure that when a boat is filled with water there is no air trapped in any compartment that may affect the buoyancy of the boat. In the event of a compartment being holed in a collision the buoyancy of a boat may be affected by the loss of any trapped air. The compartment opening enables inspection of any buoyancy equipment. We note that buoyancy equipment retrofitted to boats to ensure compliance with buoyancy checks may be installed in the cockpit area (not inside the bulkheads).



2.4mR CLASS RULES

D.5 BUOYANCY EQUIPMENT

D.5.1 CONSTRUCTION

- (a) Buoyancy equipment shall comprise of rigid non-communicating air cell foam plastic incorporated into the **boat**.
- (b) The buoyancy equipment shall be constructed such that it cannot leave the **boat** when the **boat** is flooded.
- (c) Watertight compartments shall allow for inspection with a hatch opening of minimum 100 mm in diameter. The highest point of the opening shall be placed no more than 50mm below the underside of the **deck**.

2.4 NOD CLASS RULES

D.5 BUOYANCY

D.5.1 CONSTRUCTION

- (a) Buoyancy equipment shall comprise of rigid non-communicating air cell foam plastic incorporated into the **boat** inside the bulkheads.
- (b) Watertight compartments shall be inspectable by an opening of minimum 100 mm in diameter. The highest point of the opening shall be placed no more than 50mm below the underside of the deck.

PROPOSED 2.4mR & 2.4 NOD CLASS RULE CHANGE

The 2.4mR Technical Committee intends to submit the following amendments to the 2.4mR & 2.4 NOD class rules for 2.4mR World Council approval at the next AGM as required under the 2.4mR Constitution.

The proposed amendment changes the buoyancy equipment rule to clarify that the inspection opening requirement applies to fore and aft buoyancy equipment compartments.

2.4mR CLASS RULES

D.5 BUOYANCY EQUIPMENT

D.5.1 CONSTRUCTION

- (a) Buoyancy equipment shall comprise of rigid non-communicating air cell foam plastic incorporated into the **boat**.
- (b) The buoyancy equipment shall be constructed such that it cannot leave the **boat** when the **boat** is flooded.
- (c) The fore and aft buoyancy equipment compartment bulkheads shall include an inspection or bulkhead opening of minimum 100 mm in diameter with the highest point of the opening no more than 50mm below the underside of the **deck**.

2.4 NOD CLASS RULES

D.5 BUOYANCY

D.5.1 CONSTRUCTION

- (a) Buoyancy equipment shall comprise of rigid non-communicating air cell foam plastic incorporated into the **boat**.
- (b) The buoyancy equipment shall be constructed such that it cannot leave the **boat** when the **boat** is flooded.
- (b) The fore and aft buoyancy equipment compartment bulkheads shall include an inspection or bulkhead opening of minimum 100 mm in diameter with the highest point of the opening no more than 50mm below the underside of the **deck**.

Peter Russell

2.4mR ICA Technical Committee