

AUSTRALIAN SAILING

Amendment to the Special Regulations

Issued on 18 November 2021
Effective from 18 November 2021

PART 1, SECTION 3 FIXED EQUIPMENT

Regulations 3.24, and 3.24.1 to 3.24.5

Delete the text that has been ~~struck-out~~ and insert the text that has been underlined.

3.24 ENGINES, GENERATORS, FUEL

Propulsion engines and associated systems shall be installed in accordance with their manufacturer's guidelines and suitable for the size and intended use of the boat.

3.24.1 MONOHULLS

A permanently installed inboard propulsion engine shall be provided. ~~together with permanently installed exhaust and fuel supply systems and fuel tank(s). The engine shall be securely covered and adequately protected.~~

(a) Either an inboard electrical engine, which shall be provided with a permanently installed power supply system, adequate heavy weather protection and have an engine control system.

(b) Or an inboard combustion engine, which shall have a permanently installed exhaust, cooling system, fuel supply, fuel tank(s) and shall have adequate heavy weather protection.

3.24.2 MULTIHULLS

A permanently installed propulsion engine shall be provided. ~~The remaining clauses of regulation 3.24 apply to both Monohulls and Multihulls.~~

3.24.3 BOTH MONOHULLS AND MULTIHULLS

A propulsion engine shall be provided, either in accordance with 3.24.1 and 3.24.2 above, or an outboard engine with an associated power supply system, tanks and fuel supply systems, all securely fastened.

3.24.4 *Motors used outboard shall be mounted at all times and the mounting may be raised but not removed.*

3.24.5 A propulsion engine required by these regulations shall:

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- (a) Provide a minimum speed in knots of $(1.8 \times \sqrt{\text{LWL in metres}})$ ~~against a 12 knot headwind.~~
- (b) Have a minimum amount of [electrical power capacity and/or fuel at the start of the race](#) which shall be sufficient to be able to meet [both electrical](#) ~~charging~~ requirements for the duration of the race and to motor at the minimum speed for at least ~~8~~ [5](#) hours (4 hours Cat 5).
- (c) *Notwithstanding the above it is recommended that the minimum amount of engine fuel to be carried at the start of the race should be at least*
- Litres = LWL (metres) / 0.135* 1
- Litres = LWL (metres) / 0.2* 2
- Litres = LWL (metres) / 0.4* 3 4 5 6
- (d) *Race committees are recommended to apply their own minimum fuel requirements in the notice of race which shall not be less than [3.24.5\(c\)](#) above.* 1 2 3
- 3.24.6** ~~When an electric starter is the only provision for starting the engine, a separate battery shall be carried, the primary purpose of which is to start the engine. A dedicated engine/generator starting battery when an electric starter is the only method for starting the engine and/or separate generator.~~ 1 2 3 4 5 6 7
- 3.24.7** A separate generator for electricity is optional. However, when a separate generator is permanently installed it shall be securely covered, and shall have permanently installed exhaust and fuel supply systems and fuel tank(s). 1 2 3 4 5 6 7
- 3.24.8** *Fixed fuel tanks shall have a shut off valve or cock fitted directly to the tank outlet except when it is not possible for fuel to escape or siphon from the tank if the fuel line fractures.* 1 2 3 4 5 6 7
- 3.24.9**
- (a) Petrol fuel tanks for inboard engines or inboard tanks for outboard engines shall be permanently installed, metal, vented to the open air, electrically grounded and have the filler positioned so that spillage and fumes cannot enter the boat. 1 2 3 4 5 6 7
- (b) Diesel fuel tanks shall be metal or other material certified as suitable by the manufacturer. 1 2 3 4 5 6 7
- (c) Fuel lines shall be metal, and clipped rigidly in place with a flexible connection between the fixed line and the engine, or a flexible line may be used throughout provided that the material and terminals are designed for that purpose. In the case of petrol engines the flexible fuel line shall be fire 1 2 3 4 5 6 7

	resistant and appropriately coded by the manufacturer (e.g. with a red stripe).	
(d)	Outboard motor remote fuel tanks and lines shall be as supplied by the manufacturer or built to a recognised national standard and branded with their mark of approval. Fuel tanks shall be secured to the deck or in a separately ventilated compartment.	3 4 5 6 7
(e)	Petrol fuel shall not be carried below decks in portable containers.	3 4 5 6 7
(f)	Except for permanently installed linings or liners, a flexible tank is not permitted as a fuel tank.	3 4 5 6 7
3.24.10	Paddles: If not fitted with an engine, each boat 5.5 m or less shall carry a pair of oars or paddles with a minimum blade area of 0.04 m ² each.	6 7