

Equipment Rules Applying to Stonehaven Cup Regatta

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Introduction

- The intent of these equipment rules is to maintain the spirit of one design racing while permitting a limited number of changes to suit the equipment's most common usage.
- These rules recognise that, in Australia:
 - the vast majority of RS Quests are owned by clubs,
 - they are generally used for training, particularly for children and adolescents,
 - this training covers both general sailing and racing, and
 - Australian Sailing's Special Regulations for off-the-beach boats make a number of safety-related recommendations, including for boats used for junior training.
- The permitted changes are described in this document.
- They are categorised as either "Mandatory" or "Optional".
- These rules also specify whether the permitted changes must be implemented in a prescribed manner or whether they may be implemented as the owner determines.

Objectives of These Equipment Rules

- Ensure equipment differences are not a significant factor in the competition.
- Minimise costs to participants.
- Address safety requirements.
- Permit incorporation of evolving builder modifications.
- Permit minor modifications to suit the duty cycle of club-owned fleets.
- Permit minor modifications to address priority gear handling issues.
- Permit minor modifications to facilitate particular aspects of race training.

Approach

- No additions or changes are permitted to the base configuration of the supplier-delivered boat except those specifically stated here.
- The base configuration consists of the hull, rudder, mast, boom, jib and mainsail.

Changes to These Rules

- Any equipment change which falls outside these equipment rules must be submitted to National Council for approval prior to implementation.
- If approved, the change will be incorporated into these rules, and will thereby apply to all boats.

Repairs

- Any repairs must not alter the sailing characteristics of the boat.

Substitution of Damaged Equipment

- If any equipment is damaged during the regatta, competitors may substitute equivalent equipment subject to approval of the race committee.

RS Sailing Upgrades

Builder Modifications

- In the interests of standardisation, evolving builder modifications to the boats may be applied to older boats.

Change: Optional

Implementation: Must be carried out as per builder modifications.

Upgrade Packs

- Components from RS Sailing's "Upgrade Pack" may be fitted. These comprise upgraded components fitted in later model RS Quests.

Change: Optional

Implementation: Must be fitted as specified by RS Sailing.

Hull and Deck

Hull Protection

- Collision fenders and other similar collision damage protection devices may be fixed to the hull.

Change: Optional

Implementation: May be implemented as owner determines.

Anti-slip Products

- Anti-slip products may be applied to the hull and deck.

Change: Optional

Implementation: May be implemented as owner determines.

Sails

- Sails manufactured by RS Sailing will be accepted as passing measurement.
- Sails must not be modified except to affect repairs.

Spinnaker

- Use of an asymmetric spinnaker is optional.
- Use of a symmetric spinnaker is not permitted.
- A spinnaker pole must not be carried on the boat.

Furling and reefing

- The jib may be furled at any time.
- The mainsail may be reefed at any time.
- **The mainsail reefing system must be set up ready for use before leaving the beach.**

Control Systems

Control systems must not be added, removed, re-positioned, or modified, except as specifically permitted below:

Mainsheet purchase system

- The purchase of the mainsheet control system may be increased, and the ratchet block may be upgraded.

Change: Optional

Implementation: Must be implemented in prescribed manner.

Outhaul

- The mainsail outhaul may be modified to facilitate adjustment while sailing.

Change: Optional

Implementation: Must be implemented in prescribed manner.

Mainsail halyard cleating system

- The mainsail halyard cleating system may be upgraded to minimise slippage.

Change: Optional

Implementation: Must be implemented in prescribed manner.

Jib halyard cleating system

- The jib halyard cleating system may be upgraded to minimise slippage.

Change: Optional

Implementation: Must be implemented in prescribed manner.

Cunningham system

- A Cunningham system may be installed.

Change: Optional

Implementation: Must be implemented in prescribed manner.

Fittings

- Equivalent fittings may be substituted (e.g. block for block, jam cleat for jam cleat, cam cleat for cam cleat, bulls eye for bulls eye).

Change: Optional

Implementation: May be implemented as owner determines.

- These may be heavier or lighter than the originals.
- They must be fitted using the existing mountings in the same locations as the original components.
- They must not alter any performance-determining dimensions of the boat.

Lines

- Lines may be of any diameter, length, and marine quality material.

Change: Optional

Implementation: May be implemented as owner determines.

Trapeze

- Use of trapeze is not permitted.
- Where fitted, the trapeze wire lower mast support stays may remain on the boat.
- The trapeze wires must not be fitted to the boat.

Righting Aids

Masthead Float

- A masthead float must be fitted.
Change: Mandatory
Implementation: Must be fitted as specified by RS Sailing.

Righting Line

- A righting line may be fitted.
Change: Optional
Implementation: May be implemented as owner determines.

Grab Line

- A forward grab line may be fitted.
Change: Optional
Implementation: May be implemented as owner determines.

Centreboard Burnishing

- The centreboard surface may be burnished (ie. finely sanded to remove the gloss) to facilitate holding, and/or standing on, the centreboard.
Change: Optional
Implementation: May be implemented as owner determines.

Safety Equipment

Tow Line

- A tow line of floating line with a minimum length of 8580mm (ie. twice the length of the boat) must be attached to the towing loop at the stem, and stowed securely.
Change: Mandatory
Implementation: May be implemented as owner determines.

Paddle

- A paddle must be carried, and stowed securely.
Change: Mandatory
Implementation: May be implemented as owner determines.

Gear Handling Refinements

Spinnaker Halyard Offset Ring

- An offset ring may be fitted to reduce the likelihood of the spinnaker halyard fouling the halyard cleat during spinnaker retrieval.
Change: Optional

Implementation: May be implemented as owner determines.

Tiller Extension

- The tiller extension may be shortened from its manufacturer-supplied length.

Change: Optional

Storage

- Rope bags and/or gear storage bags may be fitted.

Change: Optional

Implementation: May be implemented as owner determines.