



2024 SCHOOLS TEAM RACING

2v2 Team Race

SAILING INSTRUCTIONS

Royal Thames Yacht Club at Queen Mary Reservoir

30th November/1st December 2024

1. RULES

- 1.1. The event will be governed by the *rules* as defined in *The Racing Rules of Sailing* (RRS), including Appendix D except as changed by SI Addendum A.
- 1.2. The rules for the handling of boats are described in SI Addendum C.
- 1.3. [NP] RRS 40.1 shall apply while afloat or on a pontoon. *Note: RTYC has PFDs to loan to competitors.*
- 1.4. The right of appeal will be denied in accordance with RRS 70.5(a).
- 1.5. Any additional changes to the RRS will appear in their relevant sections within the sailing instructions.

2. CHANGES TO THE SAILING INSTRUCTIONS

- 2.1. Changes to the sailing instructions (SI) made ashore will be posted no later than 30 minutes before the first warning signal on the day they will take effect, except that any changes made to the race schedule will be effective immediately and will be communicated verbally by the RC.
- 2.2. In accordance with RRS 90.2 (c), any change to the SI made afloat will be signalled by the display of flag 3rd substitute with one sound signal. The RC or umpires may communicate these changes either verbally or in writing.

3. COMMUNICATIONS WITH COMPETITORS

- 3.1. Notices to competitors will be posted on the official notice board located online on the RTYC Website
- 3.2. The Race Committee will use a [Telegram group](https://t.me/+Q3Dz5aWyBM1mYTg0) (https://t.me/+Q3Dz5aWyBM1mYTg0) to facilitate communications during the event. The app is available for both apple and android devices.
<https://telegram.org/>
- 3.3. On the water, the race committee intends to monitor and communicate with competitors on UHF radio. The channel will be announced at the competitors' briefing on race days.
- 3.4. Signals made ashore will be displayed from the mast aboard the committee vessel when it is docked at the pontoon. When signal AP is displayed ashore, '1 minute' is replaced with 'not less than 15 minutes'. This changes Race Signal AP.

4. FORMAT

It is the intention of the RC to sail one or more round robins. The RC may terminate a round robin when, in its opinion, it is impractical to attempt to hold the remainder of the races in the existing conditions or the time scheduled.

5. BOATS

Boats will be identified by the coloured sail number.

6. THE COURSE

- 6.1. The default course is a port box. A course diagram is provided in Addendum D.
- 6.2. Courses will not be shortened.
- 6.3. The RC may change a leg of the course that begins at a rounding mark by changing the position of the next mark or the finishing line, but no mark shall be moved when any boat is on the leg that it terminates. Subsequent legs may be changed to maintain the course configuration. There will no visual or audible signals for a course change. This changes RRS 33 and Race Signal S.
- 6.4. Course Limits
 - 6.4.1. [NP] Several concrete buoys are laid near the racing area marking the anchors of dredgers operating on the reservoir. In addition, part of the bund dividing the east and west sections of the reservoir

has been removed, down to below the current water level. The line of the former bund between the dredger and the remaining part of the bund is marked by pillar buoys on both the east and west sides. No part of a boat's hull shall cross the imaginary straight line between any two adjacent buoys marking the perimeter of either the dredger or the bund. These areas are designated as exclusion zones.

6.4.2. The imaginary lines that are created between these buoys are designated as obstructions.

7. MARKS

7.1. The start and finish mark will be a dan buoy. All other marks will be orange inflatable buoys.

7.2. RRS 31 is changed to: While racing, neither the crew nor any part of a boat's hull shall touch a starting mark before starting, a mark that begins bounds or ends the leg of the course on which she is sailing, or a finishing mark after finishing. In addition, while racing, a boat shall not touch a race committee vessel that is also a mark.

8. THE START

8.1. Races will be started by using the following signals. Times shall be taken from the start of each sound signal; the failure of a visual signal shall be disregarded. This amends RRS 26.

Minutes before Starting Signal	Visual Signal	Sound Signal	Means
3	Code Flag "R" Displayed	One	Warning Signal
2	Code Flag "P" Displayed	One	Preparatory Signal
1	Code Flag "P" Removed	One	One Minute
0	Code Flag "R" Removed	One	Starting Signal

8.2. The starting line will be between a staff displaying an orange flag on the RC signal boat and the course side of the nearby starting mark.

8.3. In addition to RRS 29.1, the race committee will attempt to hail On Course Side (OCS) boats. Failure to execute this hail, the order or timing of hails, or the failure to receive a hail shall not relieve a boat of her sole obligation to start properly, nor shall it constitute an improper action or omission of the race committee under RRS 62.1(a).

9. SAIL CONFIGURATION LIMITATIONS

At or before the warning signal of a race, the following visual signal may be used to indicate which sails are to be used for that race and any subsequent races until lowered. If no visual signal is displayed, it shall mean the use of all sails is permitted.

Visual Signal	Means
K	Spinnakers Prohibited

10. THE FINISH

The finishing line will be between a staff displaying an orange flag on the committee vessel and the course side of the nearby finishing mark. This changes Race Signals Blue Flag.

11. ABANDONMENT

11.1. Add RRS32.1 (e) The RC may abandon any match for any reason, after consulting with the match umpires when practical.'

11.2. If the RC abandons a race, it will be signalled orally by the RC and/or umpires. This changes RRS 32.1 and Race Signals. Abandoned races may be re-sailed and if so, a new warning signal may be made as soon as practical.

12. PROTEST AND REDRESS REQUESTS

12.1. RRS 66.2 is deleted and replaced with: "A party to a hearing may not ask for a reopening."

END

Addendum A – Changes to RRS Appendix D – Team Racing

Addendum B– Penalties for damage resulting from contact between boats racing

Addendum C – Rules for Handling Boats

Addendum D – Course Diagrams

ADDENDUM A

Changes to RRS Appendix D – Team Racing

Protest and Requests for Redress

- A.1. RRS D1.1(d) shall apply. Arm signals are required.
- A.2. RRS D1.2(a): Add “A boat may not protest for a breach of RRS 47.”
- A.3. D1.2(c) is deleted and replaced with: “A boat intending to request redress for an incident in the *racing* area, or protest for an alleged breach of a rule other than a rule of RRS Part 2, 31 or 42, shall, at the first reasonable opportunity after she finishes, inform the race committee at the finishing line of her intent to protest or request redress and, when applicable identify the protested boat.”
- A.4. Add new D1.2(h): “If the protest committee decides that a breach of a rule, other than a rule of RRS Part 2, has had no significant effect on the outcome of a race, it may make any arrangement it decides is equitable, or impose no penalty.”
- A.5. RRS D1.3(a) first sentence is replaced with: “When a boat may have broken one or more rules of Part 2, or rule 31 or 42, in an incident while racing, but after the starting signal, she may take a take a penalty as follows:
 - a. When on a leg of the course to mark 1 or to the finishing line, she shall gybe;
 - b. When on a leg of the course other than as described in SI A5.a, she shall tack.
 - c. If the incident occurs while racing, but prior to the starting signal, she shall gybe.
 - d. A boat completes a leg of the course when any part of her hull crosses the extension of the line from the previous mark through the mark she is rounding, or on the last leg when she finishes.

Protests by Boats

- A.6. RRS D2.2(a) Replace “red flag” with “flag Y”.
- A.7. RRS D2.2(c) is changed to read: “An umpire shall decide whether to penalize any boat that broke a rule, is not exonerated, and did not take an appropriate penalty.”
- A.8. RRS D2.2(d) is deleted.

Penalties Initiated by an Umpire

- A.9. RRS D2.3(d): Add “The umpires may decide that any hard contact (contact between hulls and/or rigs) is damage for the purposes of initiating a penalty. In addition, when there is damage, two race umpires together with another umpire may determine that a race-win penalty as prescribed in Addendum C is warranted for one or more boats without a protest hearing. The boat(s) that broke RRS 14 shall be informed as soon as practicable about the damage level and any penalty (or penalties) that will be imposed. Only at the time of being so informed may the boat request a hearing. If the boat requests a hearing, the umpires shall report the incident to the protest committee, which shall act under D3.1(e)(3) and may decide to impose a greater penalty. If no hearing is requested, the umpires shall impose the penalty (or penalties) by reporting it to the race committee. RRS D2.6 applies to this decision.”
- A.10. RRS D2.3 Add "(h) fails to comply with any ‘Prohibited Items or Actions’ in Addendum C.”.

Penalties Imposed by Umpires

- A.11. RRS D2.5 is changed to read: “A boat penalized by an umpire shall take a One-Turn Penalty, except that when an umpire hails a number of turns, the boat shall take than number of One-Turn penalties.

Breakdowns when boats are supplied by the organizing authority.

- A.12. RRS D5.2 replace the word “red” with “flag L”.

ADDENDUM B

Penalties for damage resulting from contact between boats racing.

The umpires may impose a penalty for breaking RRS 14 without a protest hearing, unless a boat involved in the incident boat requests a hearing, in which case the umpires shall report the incident to the protest committee. If it has good reasons to do so, the protest committee may impose a greater penalty than what the umpires determined was appropriate. This Addendum explains how damage will be assessed and prescribes the appropriate penalty level. There are several things we are trying to achieve with damage penalties:

- Minimize damage to keep costs down and avoid delays while boats are repaired.
- Ensure that penalties fit the breach and are consistent.

Damage Levels

Level	Effect	Penalties
Level A Minor Damage	Boat may race without repair although minor surface work may be required after the event. <i>For example: No taping is required.</i>	0.5 Race Wins
Level B Damage	The damage does not affect the normal operation of the boat in that race but may need some (temporary) work before racing again. <i>For example: taping is required before the boat can continue to sail.</i>	1 Race Win
Level C Major Damage	The boat cannot continue to race that day.	1.5 Race Wins

Penalties

Race-win penalties may be imposed by umpires after a race to boats that break RRS 14. Any penalties are deducted from one boat's or both boats' team's total race wins for the round-robin or knock-out stage in which the damage occurred. If both boats are given the same penalty in a race during a knock-out stage, the penalties are offsetting and will be disregarded for scoring purposes.

Damage Costs

Any deductions from damage deposits are a matter for the Organizing Authority and are not related to and do not affect any race win penalties imposed by the Umpires or Protest Committee.

[NP][DP] ADDENDUM C – HANDLING OF BOATS

1. GENERAL

- 1.1. While all reasonable steps are taken to equalize the boats, variations in the boats will not be grounds for redress. This changes RRS 62. 1(a).
- 1.2. Other restrictions or instructions may be given to the boats verbally by the RC or via an umpire. Flag 3rd substitute is not required.

2. PROHIBITED ITEMS AND ACTIONS - Except in an emergency or in order to prevent damage or injury, or when directed by an umpire otherwise, the following are prohibited:

- a. The use of electronic instruments other than watches;
 - b. Moving the mast blocks;
 - c. Adjusting or altering the tension of standing rigging, excluding the backstay;
 - d. The use of the shrouds (including any inner shrouds) or the boom, to facilitate tacking or gybing by aiding the projection of a crew member outboard;
 - e. Using the spinnaker pole to wing out the jib;
 - f. Sitting with legs outboard of the boat;
 - g. The use of the spinnaker pole stowage loop on the boom for controlling the position of the boom;
 - h. Sailing in an area designated as an exclusion zone;
 - i. Having the head of the spinnaker above the main boom gooseneck when tacking;
 - j. Launching or recovering the spinnaker from the companionway;
 - k. Using tape to mark halyards.
- 2.2. **Actions subject to protest by the RC or the PC**
- a. The use of any equipment for a purpose other than that intended or specifically permitted;
 - b. Sailing the boat in a manner that it is reasonable to predict would cause significant damage;
 - c. Any additions, omissions or alterations to the equipment supplied. In particular, the cutting or shortening of any sheets, control lines or other running rigging;
 - d. The replacement of any equipment without the permission of the RC;
 - e. Boarding or taking a boat without permission from its berth or mooring without having paid the required damage deposit or having permission from the RC, or while AP is displayed ashore;
 - f. Marking directly on the hull or deck with permanent ink;
 - g. Perforating sails, even to attach tell tales.

3. PERMITTED ITEMS AND ACTIONS - The following are permitted:

- 3.1. Taking on board the following equipment:
 - a. basic hand tools
 - b. electrical tape but not duct tape
 - c. line (elastic or otherwise of 4 mm diameter or less)
 - d. tell-tale material
 - e. UHF radio, watches and timers
 - f. shackles and clevis pins/split rings/cotter pins
 - g. spare flags
- 3.2. Using the items in 3.1 to:
 - a. prevent fouling of lines, sails and sheets
 - b. attach tell tales
 - c. prevent sails being damaged or falling overboard
 - d. make minor repairs and permitted adjustments
- 3.3. Fixing a spinnaker sheet catcher at the box, providing that it does not extend the length of the boat more than 100mm and does not require any repair or maintenance after removal.
- 3.4. Changing the number of mainsheet or jib sheet purchases.
- 3.5. Using lazy sheets and control lines for the purpose of hiking normally. This changes RRS 49.1.

4. MANDATORY ITEMS AND ACTIONS - The following are mandatory:

- 4.1. Any request to alter, in any way, the equipment on a boat shall be in writing and worded to permit a yes/no answer.
- 4.2. At the end of each sailing day:
 - a. rolling, bagging and placement of the sails as directed
 - b. leaving the boat in the same state of cleanliness as when first boarded that day, including removing all trash.
 - c. Releasing backstay tension
 - d. complying with the directions posted on the boats or given by the OA.

ADDENDUM D

COURSE DIAGRAM

