



**RS Aero 5, 7 and 9 UK National Championships 2016
and
RS Aero Challenge Cup**

Royal Torbay Yacht Club

Thursday 2nd to Sunday 5th June 2016

SAILING INSTRUCTIONS

The Organising Authority is Royal Torbay Yacht Club in conjunction with the RS Aero UK Class Association

1. RULES

- 1.1. The regatta will be governed by the rules as defined in The Racing Rules of Sailing 2013 – 2016 (RRS).
- 1.2. The RS Aero Class Rules will apply.
- 1.3. The RRS will be changed as follows:
 - 1.3.1. Rule 31 is changed so that marks other than the starting and finishing marks may be touched (but not manhandled) without a penalty.
 - 1.3.2. Rule 32 is changed to allow the race to be shortened at the Committee Boat on station at the finish.
 - 1.3.3. Rule 33 is changed, see SI 14.1
 - 1.3.4. Rule 35 is changed so that boats finishing outside the time limit will be scored with their observed position on the course.
 - 1.3.5. Rule 40 is changed so that personal flotation devices must be worn at all times when afloat except briefly while adjusting clothing or personal equipment. Flag Y will not be displayed. This also changes Part preamble and Race Signals.
- 1.4. If there is a conflict between the Notice of Race, Class Rules and the Sailing Instructions, the Sailing Instructions shall apply. This changes Rule 63.7

2. NOTICES TO COMPETITORS

- 2.1. Notices to competitors will be posted on the Official Notice Board in the main hallway on the ground floor Royal Torbay Yacht Club.
- 2.2. A Competitors Briefing will be held on Friday 3rd June at 11:15 at the flagpole located at the car park end of Haldon Pier, Torquay Harbour. Subsequent briefings may be held and will be advised on the Official Notice Board.

3. CHANGES TO SAILING INSTRUCTIONS

- 3.1. Any changes to the Sailing Instructions (SIs) will be posted for at least two hours before the scheduled start time of the race or races concerned; except that any change to the starting time or the schedule of races shall be posted by 20:00 on the day before it will take effect.

4. SIGNALS MADE ASHORE

- 4.1. Signals made ashore will be displayed on the flag halyards situated at the car park end of Haldon Pier, Torquay Harbour.
- 4.2. Flag D displayed over the class flag with one sound means 'The warning signal will be made not less than 60 minutes after flag D is displayed'. Boats are not to leave the slipway until this signal is displayed.
- 4.3. When flag 'AP' is displayed ashore, '1 minute' is replaced with 'not less than 60 minutes' This changes the meaning of AP in Race Signals.

5. CLASSIFICATION

- 5.1. Entries will be divided into 5 rig, 7 rig and 9 rig fleets. The intended start sequence will be that 9 rigs will start first, followed by 7 rigs and then by 5 rigs.
- 5.2. Dependant on the number of entries, the fleets may start separately, may be grouped or a combination of both.

6. SCHEDULE OF RACES

- 6.1. Thursday 2nd June 2016. RS Aero Challenge Cup, a one off race, outside the UK National Championships, with all RS Aeros racing based on PY handicaps. Warning signal at 15:00.
- 6.2. Friday 3rd June 2016. 4 races scheduled, first warning at 13:00.
- 6.3. Saturday 4th June 2016 4 races scheduled, first warning at 11:00.
- 6.4. Sunday 5th June 2016. 3 races scheduled, first warning at 11:00
- 6.5. The number of races sailed on any day may be changed at the sole discretion of the Race Officer, but no more than 5 races will be sailed in one day.
- 6.6. The race committee may change the schedule during the event. Any change to the intended time of the first warning signal will be posted on the Official Notice Board by 20:00 on the day before the change takes effect.
- 6.7. No warning signal will be made after 15:00 on the last day.
- 6.8. In the event of a race being recalled, restarted, re-sailed or abandoned the next race sailed will be that race with subsequent races being sailed thereafter in their scheduled order.

7. CLASS FLAGS

- 7.1. Separate Class flags will be used for each fleet:
RS Aero 5 – 'RS Aero 5' on Yellow background
RS Aero 7 - 'RS Aero 7' on Pink background
RS Aero 9 - 'RS Aero 9' on Blue background
All classes - 'RS Aero' on white background
- 7.2. Where all fleets are to start together flag E will be displayed with Orange flag

8. RACING AREA

- 8.1. The racing areas will be in Torbay.

9. TALLY SYSTEM

- 9.1. A tally system will be in operation:
- 9.1.1. The tally control point will be located at the top of the slipway on Haldon Pier.
 - 9.1.2. Tallies comprise numbered rubber wristbands; these will be issued prior to launching. The Tallies shall be worn visibly, over clothing, on the right wrist at all times while afloat.
 - 9.1.3. The helm shall individually check-out before racing by personally collecting their tally.
 - 9.1.4. The helm shall individually check-in immediately on returning to shore after racing, but no later than the protest time limit, by returning the tally personally to tally control.
 - 9.1.5. Competitors who forget to tally out or tally in within the time limit will be liable to a penalty. The penalty for failure to comply with this instruction will be 5 points added to the boat's series score for each infringement without a hearing. A list of boats that have infringed will be posted on the official notice board within 20 minutes after the protest time limit. For the first infringement only, the Race Committee will allow the reinstatement of these points upon payment of £5.00 which will be donated to the RNLI. The Race Committee may protest a boat for repeated infringements of these safety regulations.

10. THE COURSES

- 10.1. The diagrams in Appendix A show the courses, including the order in which marks are to be passed, and the side on which each mark is to be left.
- 10.2. The course and number of laps to be sailed will be displayed on the Committee Boat.
- 10.3. The approximate bearing of the windward mark may be displayed on the Committee Boat prior to the warning signal.

11. MARKS

- 11.1. Marks 1, 2, 3 and 4 will be orange inflatable buoys.
- 11.2. Any change of course mark will be a yellow inflatable buoy.
- 11.3. The starting mark will be a danbuoy displaying an orange flag.
- 11.4. The finishing mark will be a danbuoy displaying a blue flag.

12. THE START

- 12.1. The starting line will be between the mast displaying an orange flag on the Committee Boat and a pole of displaying an orange flag on either a danbuoy or an anchored boat.
- 12.2. Where one or more fleets are to start together, flag E will be displayed below the orange flag at least 5 minutes before the first warning signal.
- 12.3. Multiple fleets sharing a starting line may be started in any order or grouped together, but the intention is to start fleets in the order stated in SI 5.1.
- 12.4. A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A4.1. & A5.

13. MINIMUM WIND STRENGTH

- 13.1. Races will not be started unless the Race Officer is satisfied that the wind strength across the whole of the course is in excess of 4 knots.

14. CHANGE OF NEXT LEG OF THE COURSE

- 14.1. To change the next leg of the course, the race committee will lay a new mark (or move the finish line) and remove the original mark as soon as practicable. When in a subsequent change a new mark is replaced, it will be replaced by the original mark. This changes Rule 33

15. SHORTENING COURSES

- 15.1. The course may be shortened when approaching the leeward mark (for the trapezoid course this is mark 4 and for the triangle/sausage course this is mark 3) when the committee boat is in its normal position by displaying flag S (alongside the class flag of the affected fleets if not shortening course for all of the fleets) with two sound signals, Boats shall round the leeward mark on its required side and proceed to the normal finish line.
- 15.2. All competitors shall complete the number of rounds equal to the leading boat before proceeding to the finish.
- 15.3. This changes RRS 32.2.

16. THE FINISH

- 16.1. The finish line will be between a mast displaying a Blue flag on the committee boat and the finishing mark, a danbuoy displaying a Blue flag
- 16.2. Boats that are trailing considerably behind the main fleet may be finished with their observed position on the water at the discretion of the Race Officer. Boats finished in this way will be advised by a patrol boat and return to the start area.

17. PENALTY SYSTEM

- 17.1. Boats may touch a mark other than the starting or finishing mark. A boat shall not manhandle a mark when it results in an advantage. This changes RRS 31.

18. TIME LIMITS

- 18.1. For the Championship series the time limit shall be 60 minutes for the first boat to finish. If one boat finishes within that limit then the time limit for all other boats will be changed to 15 minutes after the finishing time of the first boat. Boats failing to finish within the time limit shall be scored in their observed positions on the course. This changes RRS 35, A4 and A5. Boats finished in this way will be advised by a patrol boat and should return to the start area.
- 18.2. The time limit for passing mark 1 shall be 20 minutes. If no boat has passed mark 1 within the mark 1 time limit the race will be abandoned.
- 18.3. The time limit for the RS Aero Challenge Cup shall be 60 minutes for the first boat to finish. If one boat finishes within that time limit, then the time limit for all other boats will be changed to 25 minutes after the finishing time of the first boat.
- 18.4. Failure to meet the time limit shall not be grounds for redress. This changes rule 62.1(a).

19. PROTESTS AND REQUESTS FOR REDRESS

- 19.1. Protest forms will be available from the Race Office. They shall be delivered there within the protest time limit.
 - 19.2. The protest time limit is 60 minutes after the last boat in all of the classes has finished the last race of the day. The actual Time Limit will be posted on the Official Notice board at the conclusion or racing.
 - 19.3. Notices will be posted within 30 minutes of the expiry of the protest time to inform competitors of hearings in which they are parties to, or named as witnesses. It shall be the responsibility of competitors to check the notice board for such notices and to attend hearings at the specified time. Hearings will be heard in Protest Room located in the clubhouse. Parties to each protest are requested to remain in the vicinity.
 - 19.4. Notices of protests by the Race Committee will be posted to inform boats under RRS 61.1(b)
 - 19.5. On the last day of racing a competitor's request for reopening a hearing shall be delivered:
 - Within the protest time limit if the party requesting reopening was informed of the protest committee's decision on the previous day;
 - No later than 30 mins after the party requesting reopening was informed of the protest committee's decision on that day.
- This changes Rule 66.
- 19.6. Where a Class judge a NJ, IJ or official arbitrator is appointed to an event the Exoneration Penalty and the Advisory Hearing and RYA Arbitration procedures of the RYA Rules Disputes Procedures will be available. See official notice board for details.
 - 19.7. For infringements of the rules other than in Part 2 of the RRS, the protest committee may award a lesser penalty than disqualification.
 - 19.8. Breaches of instructions 9.1.5, 19.2, 24.1, 24.2 and 28 will not be grounds for a protest by a boat. This changes rule 60.1(a).

20. SCORING SYSTEM

- 20.1. A minimum of 1 race will be required to constitute a Championship.
- 20.2. Scoring will be in accordance with RRS Appendix A4, the Low Points Scoring System.
- 20.3. When fewer than four races have been completed, a boat's series score will be the total of her race scores.
- 20.4. When between four and seven races have been completed, a boat's series score will be the total of her race scores excluding her worst score.
- 20.5. When between eight and eleven races have been completed, a boat's series score will be the total of her race scores excluding her two worst scores.
- 20.6. Points will accrue to the registered helm and not the entered boat.
- 20.7. To request correction of an alleged error in posted race or series results, a competitor may complete a scoring enquiry form available at the race office.
- 20.8. The scoring abbreviation for a discretionary penalty imposed under instruction 19.6 will be DPI.
- 20.9. Series/event tie: If, after discard, two or more competitors have the same points total the tie will be broken in accordance with RRS Appendix A8.1. If there is still a tie this will be broken in favour of the competitor with the best excluded result then the second best excluded result etc until the tie is broken. This changes RRS A8. If a tie still exists then the tie will be broken in accordance with RRS Appendix A8.2. For the purpose of this rule the last race will be taken to mean the last race actually completed on the water.
- 20.10. The RS Aero Challenge Cup will be scored separately using PY handicaps. Full details of the handicaps to be used will be published and displayed on the Official Notice before 20.00 hrs on June 1st 2016

21. SAFETY REGULATIONS

- 21.1. Personal Flotation Devices for crew members shall be worn at all times whilst afloat except briefly while adjusting clothing or personal equipment. Flag Y will not be displayed. This changes RRS 40 and the preamble to Part 4.
- 21.2. A tally system is in operation for all competitors, see SI 9.1.
- 21.3. A boat that retires from a race shall notify the race committee as soon as possible.
- 21.4. When the race committee considers that a boat or competitor is in difficulty it may instruct the boat or competitor to accept outside help, retire or sail ashore.
- 21.5. In accordance with RRS 43.1 and ISAF Case 89, no clothing or equipment may be worn on the body of helm to carry liquid of any description, even if for the purpose of re-hydration; this includes camelbacks, water bottles and cans of drink.

22. REPLACEMENT OF CREW OR EQUIPMENT

- 22.1. For the event only the helm named on the entry form will be eligible. If a different helm completes a race in the same boat then they will be considered a separate entry and their results cannot be combined with another helm's results.
- 22.2. A helm may change the size of rig during the championship. The helm will not have to pay any additional entry fee, but results when using the different rig will be scored as a separate entry. Such permission is only valid if sought in writing and granted prior to the change.
- 22.3. Distinguishing Numbers. Under exceptional circumstances, the Race Committee may permit a boat to use sails carrying a distinguishing number other than that required by RRS77 and RRS Appendix G. Such permission is only valid if sought in writing and granted prior to the use of the sail.

23. EQUIPMENT AND MEASUREMENT CHECKS

- 23.1. A boat or equipment may be inspected at any time for compliance with the class rules and sailing instructions. On the water, a boat can be instructed by a race committee equipment inspector or measurer to proceed immediately to a designated area for inspection.

24. ADVERTISING

- 24.1. Boats shall display advertising supplied by the Organising Authority as specified in the NOR.
- 24.2. When provided at registration, competitors shall make every reasonable effort to display event sponsors promotional items on their boat and sails as directed. If sponsor promotional items come off whilst racing, competitors must obtain replacement items from the RS Association before the start of racing the following day, if the Association has sufficient stocks available.
- 24.3. There will be no restriction on the number or coverage of advertiser's logos or slogans except for the front 20% of the forward part of each side of the hull and the foremost 20% of the mainsail boom bottom, which are reserved for RS Association event sponsors. [See ISAF regulation 20 Advertising Code].

25. RADIO COMMUNICATIONS

- 25.1. Except in an emergency, a boat shall neither make radio transmissions while racing nor receive radio communications not available to all boats. This restriction also applies to mobile telephones.

26. SUPPORT BOATS

- 26.1. Team leaders, coaches and other support personnel shall stay outside areas where boats are racing from the time of the preparatory signal until all boats have finished or the race committee signals a postponement, or abandonment.

27. RISK STATEMENT

27.1 Rule 4 of the Racing Rules of Sailing states: "The responsibility for a boat's decision to participate in a race or to continue racing is hers alone."

Sailing is by its nature an unpredictable sport and therefore inherently involves an element of risk. By taking part in the event, each competitor agrees and acknowledges that:

- a) They are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves, their crew and their boat to such inherent risk whilst taking part in the event;
- b) They are responsible for the safety of themselves, their crew, their boat and their property whether afloat or ashore;
- c) They accept responsibility for any injury, damage or loss to the extent caused by their own actions or omissions;
- d) Their boat is in good order, equipped to sail in the event and they are fit to participate;
- e) The provision of a race management team, patrol boats and other officials and volunteers by the event organiser does not relieve them of their own responsibilities;
- f) The provision of patrol boat cover is limited to such assistance, particularly in extreme weather conditions, as can be practically provided in the circumstances.

28. TRASH DISPOSAL

28.1. Boats shall not drop trash in the dinghy park or when sailing. When afloat trash may be placed aboard support and race committee boats.

29. INSURANCE

29.1. Each participating boat shall be insured with valid third party liability insurance providing cover of at least £2 million for any single incident.

30. RIGHTS TO USE NAME AND LIKENESS

30.1. By participating in this event, competitors automatically grant to the organizing authority and the event sponsors the right, in perpetuity, to make, use, and show, at their discretion, any photography, audio and video recordings, and other reproductions of them made at the venue or on the water from the time of their arrival at the venue, until their final departure, without compensation.

31. PRIZES

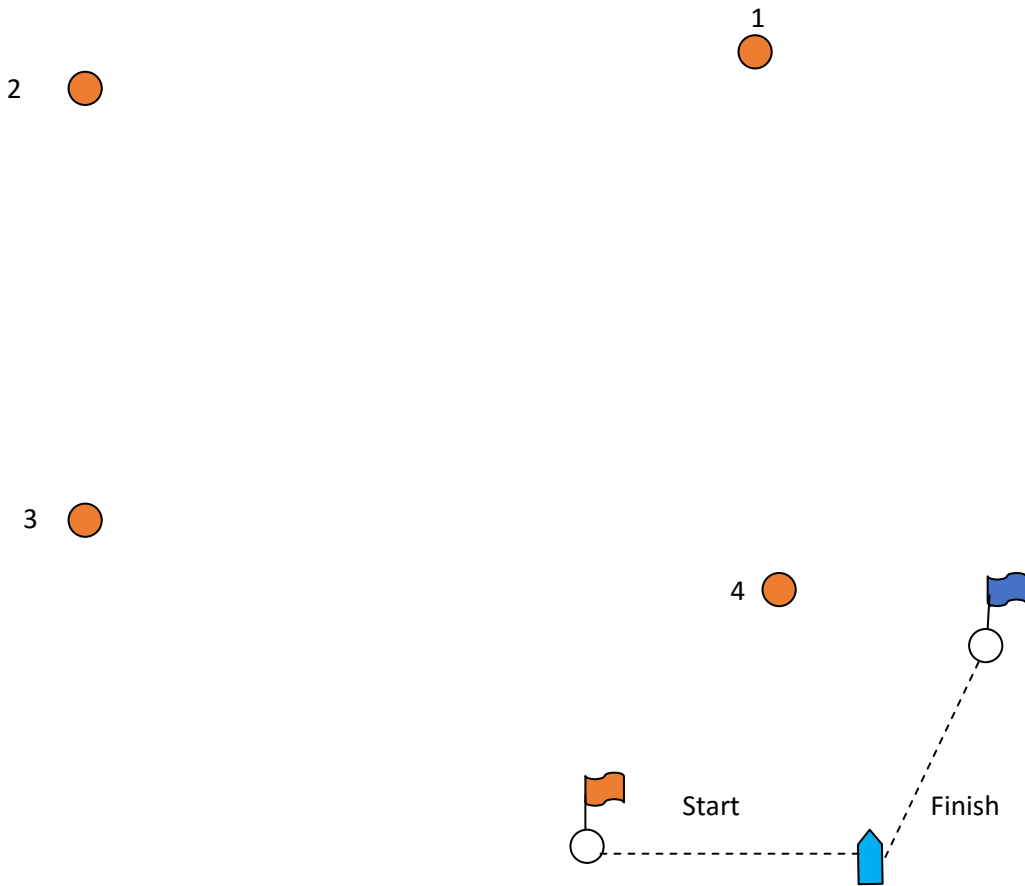
31.1. The overall winners of each Championship fleet will be awarded the first place trophy and the title of National Champion.

31.2. Prizes will, as a minimum be awarded to the top 5 helms in each fleet.

31.3. In addition the first lady helm, the first masters helm and the first youth helm will be awarded.

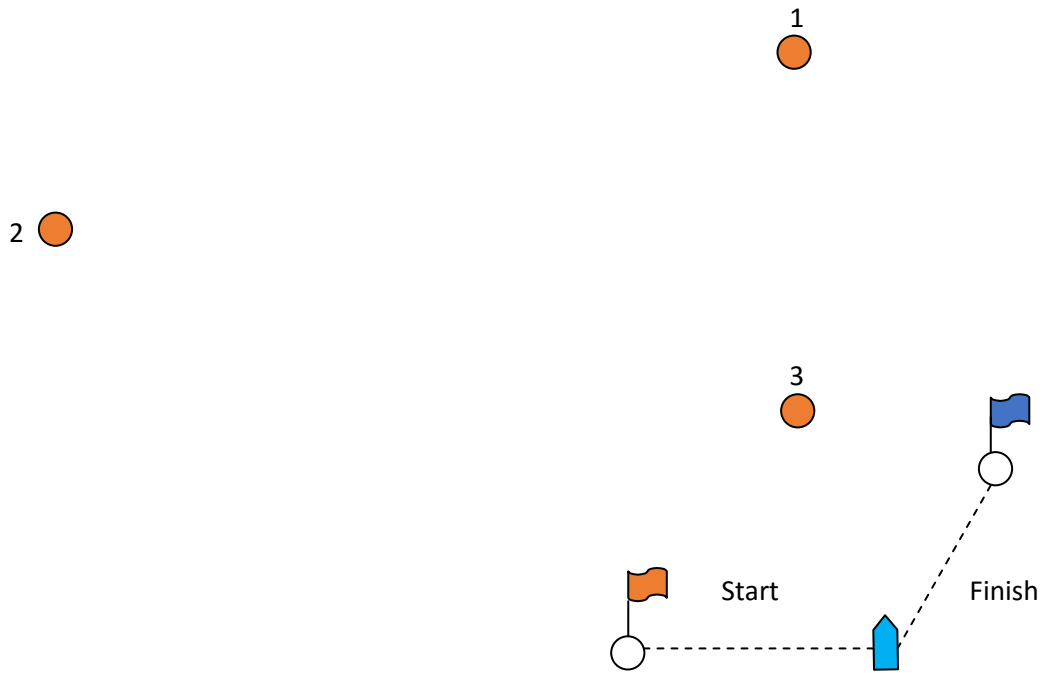
APPENDIX A

Trapezoid Course –Course Board name A



COURSE BOARD		
A 1	ONE LAP	Start 1p,2p,3p,4p Finish
A 2	TWO LAPS	Start 1p,2p,3p,4p. 1p,2p,3p,4p Finish
A 3	THREE LAPS	Start 1p, 2p, 3p, 4p. 1p, 2p, 3p, 4p. 1p,2p,3p,4p Finish
A 4	FOUR LAPS	Start 1p, 2p, 3p, 4p. 1p, 2p, 3p, 4p. 1p, 2p, 3p, 4p. 1p,2p,3p,4p Finish

Triangle/Sausage Course – Course Board name B



COURSE BOARD		
B 1	ONE LAP	Start 1p,2p,3p Finish
B 2	TWO LAPS	Start 1p, 2p, 3p. 1p,3p Finish
B 3	THREE LAPS	Start 1p, 2p, 3p. 1p, 3p. 1p,2p,3p Finish
B 4	FOUR LAPS	Start 1p, 2p, 3p. 1p 3p. 1p,2p,3p 1p,3p Finish