

**INTERNATIONAL 505
NEW SOUTH WALES
CHAMPIONSHIPS**

2018

**SAILING INSTRUCTIONS
*(Final)***

ORGANIZING AUTHORITY

Balmoral Sailing Club

INTERNATIONAL 505

NSW 2018 CHAMPIONSHIPS

17TH and 18th December 2018

SAILING INSTRUCTIONS

The Organizing Authority is the Balmoral Sailing Club, on behalf of the International 505 NSW Class Association

1.RULES

The regatta will be governed by the rules as defined in the Racing Rules of Sailing (RRS) 2017-2020

The prescriptions and Special Regulations of Australian Sailing will apply.

The rule(s) of the International 505 Class will apply.

2.NOTICES TO COMPETITORS

2.1 Notices to competitors will be posted on the official notice board(s) located in the club house.

3.CHANGES TO SAILING INSTRUCTIONS

3.1 Any change to the sailing instructions will be posted at least 2 hours before race that it will take effect, except that any change to the schedule of races will be posted by 1800 hours on the day before it will take effect.

4.SIGNALS MADE ASHORE

4.1 Signals made ashore will be displayed on the flag mast on the club.

4.2 When flag AP is ashore, "1 minute" is replaced with "not less than 30 minutes" in Race Signals, Postponement Signal AP.

5.REGISTRATION AND MEASUREMENT

5.1 Registration and measurement will be at BSC on Friday 16th November 1300-1600 and Saturday November 17th 0900-1200

5.2 All boats must be pre-measured prior to the regatta; the onus of correct measurement is on boat owners to comply with class measurement requirements.

5.3 Each boat shall produce a valid 505 Class measurement certificate at registration.

5.4 Only the following sails and spars may be used during the Championships:

5.4.1 2 headsails, 2 mainsails, 2 spinnakers

5.4.2 1 mast, 1 boom, 1 or 2 spinnaker poles

5.4.3 1 centreboard, 1 rudder

5.5 Each boat shall present the following additional safety equipment during inspection:

5.5.1 A tow line of minimum length of 10 metres and 6mm diameter.

5.5.2 A paddle of minimum blade area 250mm x 125mm, minimum length 750mm.

5.5.3 A Personal Floatation Device for each crew member, which shall comply with Australian Sailing Safety Regulations.

5.6 Boats may be subject to further random inspections at any time during the regatta. Any boats found failing to comply during the Regatta will be subject to protest committee decision which may consist of a scoring penalty or disqualification.

6.SCHEDULE OF EVENTS

6.1 Saturday November 17th – at least 3 races starting at 1200; Sunday November 18th - at least 3 races starting at 1200

6.2 In the event that 3 races are not completed on Saturday one (1) additional race may be sailed on Sunday.

6.3 No more than four (4) races will be sailed on Sunday.

7. CLASS FLAG(S)

7.1 The Warning signal will be the International 505 Class flag

8. RACING AREAS

8.1 Racing area will be in Sydney Harbour 'Sound' and Hunter Bay

9. THE COURSE(S)

9.1 Courses to be sailed on Saturday November 17th and Sunday November 18th will be as described in Appendix A.

10. MARKS

10.1 The Rounding marks (1, 2 & 3) will be white inflatable pyramids. Approximately 1 metre wide and 1.5 wide

10.2 The start pin will be an orange triangular flag

10.3 An offset mark will be an orange ball. This will offset from top mark and needs to be rounded

10.4 A yellow cylinder will be mark 4, the final rounding mark before the finish.

10.5 The finish mark will be an orange triangular flag on port side of BSC committee boat and BSC burgee on the small forward mast of the committee boat.

10.6 An IDM for a fixed line start (If required) is an orange ball.

10.7 In the event of change of course, the new mark will be a yellow cylinder,

11. AREAS THAT ARE OBSTRUCTIONS

11.1 The 'Bombora' off Dobroyd Pt is designated as an obstruction. The area is defined by three cardinal marks off Dobroyd Pt. It is forbidden to sail within the area (triangular) bounded by these marks.

12. THE START

12.1 Races will be started using rule 26.

12.2 Races will be started using gate or fixed line starts. When flag G is displayed on the Race Committee Vessel a gate will be used. When flag F is displayed on the Race Committee Vessel a fixed line start will be used.

12.3 Gate Start

12.3.1 A starting mark will be a dan buoy with an orange flag, which will be laid at the leeward end of the gate.

12.3.2 The gate launch will display flag G. Starting signals will be made on the race committee boat.

12.3.3 The pathfinder for the first race will be nominated by the race committee.

Subsequently, the pathfinder will be the fourth boat in the preceding race. When she is unable to race, or has been the pathfinder previously in the championship, the pathfinder will be the fifth boat in the preceding race and so on. Her number may be posted on the notice board but will be displayed on the Committee Boat. The pathfinder shall report to the gate launch five minutes before the warning signal.

12.3.4 The length of time the gate launch will open the gate (i.e. follow the Pathfinder or its course immediately prior to release) will be displayed on the Committee boat noting 12.3.8 below.

12.3.5 Shortly before the starting signal the pathfinder will position itself near the starting mark and as soon as possible after the starting signal (and within 10 seconds) will sail from the starting mark on a close-hauled port tack. During the start the pathfinder will be followed by the gate launch. Boats may start behind the gate launch once it has cleared the starting mark closely behind the Pathfinder.

12.3.6 The starting line will be between the starting mark and the centre of the stern of the gate launch

12.3.7 The pathfinder shall maintain her close hauled course until released by the race officer on gate boat.

12.3.8 After the release of the pathfinder, the gate launch will maintain her course and speed for a period of time determined by the race officer, subject to the gate having been open for at least one minute after the starting signal. When she stops she will lower flag G half way and make a sound signal.

12.3.9 A boat not having correctly started which is on the port side of the gate launch while the gate is opening shall not cross the starting line from the course side.

12.3.10 After the preparatory signal a boat which interferes with or tries to pass between the pathfinder and the gate launch, or that causes another boat to interfere in these ways, will be disqualified without a hearing. If the race is restarted, resailed or rescheduled she is not entitled to compete. This changes rules 63.1.

12.3.11 The starting dan buoy, gate launch, and the pathfinder until release, rank as starting marks.

12.3.12 A boat that cannot avoid touching a starting mark may hail a right-of-way boat for room and shall retire.

12.3.13 A boat shall not start later than five minutes after the starting signal when flag G on the gate launch and the race committee boat will be lowered

12.4 Fixed Line Start

12.4.1 The starting line will be between the small forward mast displaying an BSC burgee flag on the Race Committee Vessel at the starboard end and the port end starting mark.

12.4.2 A starting limit mark (IDM) may be laid. When laid, this will rank as a mark of the course. This will be a red/orange ball positioned in the vicinity of the Race Committee boat.

Boats shall leave this mark to starboard when starting. Following its preparatory signal, no boat shall pass between the Race Committee boat and the starting limit mark from the course side of the starting line.

13. CHANGE OF THE NEXT LEG OF THE COURSE

- 13.1 To change the next leg of the course, the race committee may lay a new mark (or move the finishing 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 an original mark.
- 13.2 All courses may be shortened.

14. THE FINISH

- 14.1 Course 1: The finishing line will be between the finishing mark at the port end and the RCV displaying a Blue flag or shape at the starboard end
- 14.2 Course 2: The finishing line will be between the finishing mark at the starboard end and the race committee boat displaying a ? flag or shape at the port end

15. PENALTY SYSTEM

- 15.1 Rules 44.1, 44.2 shall apply
- 15.2 RRS 42.3 (c) is replaced by Class Rule B13 as follows:

“Except on a beat to windward, when surfing (rapidly accelerating down the face of a wave) or planing is possible, the boat’s crew may pull the sheet and guy controlling any sail in order to initiate or maintain surfing or planing, but not more than three repeated pulls and releases of the sail may be made for each wave or gust of wind”

16. TARGET TIMES AND TIME LIMITS

- 16.1 The target time for races using Course 1 is 45 minutes.

The target time for races using Course 2 is 60 minutes.
- 16.2 Races not meeting these target times will not be grounds for redress. This changes RRS 62.1(a).
- 16.3 The time limit for Course 1 will be 90 minutes
The time limit for Course 2 will be 100 minutes
- 16.4 Boats failing to finish within 15 minutes after the first boat sails the course finishes will be scored Did Not Finish. This changes RRS 35 and A4.

17. PROTESTS AND REQUESTS FOR REDRESS

- 17.1 Protest forms are available at the Notice Board. Protests shall be delivered there within the protest time limit.
- 17.2 The protest time limit is 60 minutes after the last boat has finished the last race of the day.
- 17.3 The same time limit applies to requests for redress and to protests by the race committee and protest committee about incidents they observe in the racing area. This changes rules 61.3 and 62.2.
- 17.4 Notices, including protests by the race committee or protest committee, under rule 61.1(b) will be posted within 60 minutes of the protest limit to inform competitors of hearing in which they are parties or named as witnesses.

18. SCORING

- 18.1 The Low Point scoring system of Appendix B will apply.
- 18.2 3 races are required to be completed to constitute a series.
- 18.3 If 5 or 6 races have been completed, a boat's series score will be the total of her race scores excluding her worst score.
- 18.4 If 3 or 4 races have been completed, a boat's series scores will be the total of all her race scores

19. SAFETY REGULATIONS

- 19.1 Each boat will sign-on for each day's racing. The sign-on form is available at the sign-on desk in the BSC clubhouse. Note club racing uses an electronic sign-on form but this is not to be used by 505 contestants for this regatta.
- 19.2 A boat that retires from a race shall notify the race committee as soon as possible, on course if possible and by way of the retirement form located at the entrance of BSC clubhouse.
- 19.3 Race officials and race powerboat crews may retrieve boat crews and return them to their boats for safety reasons. The sail number of a boat which receives outside help will be notified to the Race Committee with details of the incident and a hearing may be held (if required) to determine any penalty. The penalty for such a breach of Rule 41 shall be at the discretion of the Protest Committee. This changes RRS 41

20. REPLACEMENT OF CREW OR EQUIPMENT

- 20.1 Substitution of competitors will not be allowed without prior written approval of the race committee.
- 20.2 Substitution of damaged or lost equipment will not be allowed unless approved by the race committee.
- 20.3 Requests for substitution shall be made to the committee at the first reasonable opportunity. If damage occurs on the water, equipment may be substituted before the following race and written permission shall be requested before the end of protest time on the same day.
- 20.4 The written application for substitution and the approval of the race committee will be displayed on the notice board.

21. EQUIPMENT AND MEASUREMENT CHECKS

- 21.1 A boat or equipment may be inspected at any time for compliance with Part 2 of the YA Special regulations, the class rules and sailing instructions. On the water, a boat can be instructed by a race committee measurer to proceed immediately to a designated area for inspection.
- 21.2 A boat failing to comply promptly with such instruction or failing to comply with Part 2 of the YA Special regulations ,the class rules or the Sailing Instructions may be protested by the Race Committee.

22. OFFICIAL BOATS

- 22.1 Official boats will be marked by displaying the burgee of the Balmoral Sailing Club (BSC)

23. SUPPORT BOATS

- 23.1 Team leaders, coaches and other support personnel shall stay at least 50 metres outside areas where boats are racing from the time of the preparatory signal for the start until all boats have finished or the race committee signals a postponement, general recall or abandonment.
- 23.2 Support boats shall be marked by displaying flag W of a minimum size 400 by 500mm, conspicuously at all times.

24. RADIO COMMUNICATION

- 24.1 A boat shall neither make radio transmissions while racing nor receive radio communication not available to all boats. Boats may monitor emergency channels or channels used by the race committee. This restriction also applies to mobile telephones.

25. PRIZES

- 25.1 Prizes will be awarded to boats placer 1st 2nd and 3^d overall
- 25.2 Additional prizes may be awarded each race day

26. DISCLAIMER OF LIABILITY

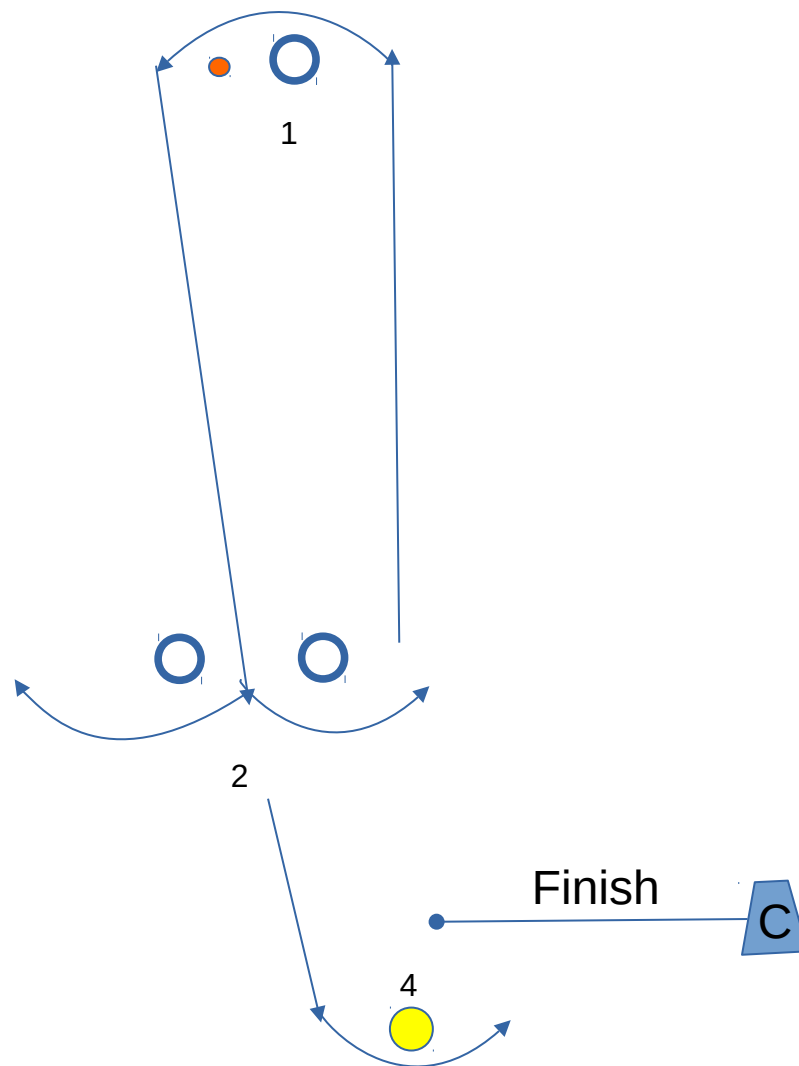
- 26.1 Competitors participate in the regatta entirely at their own risk. See rule 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

27. INSURANCE

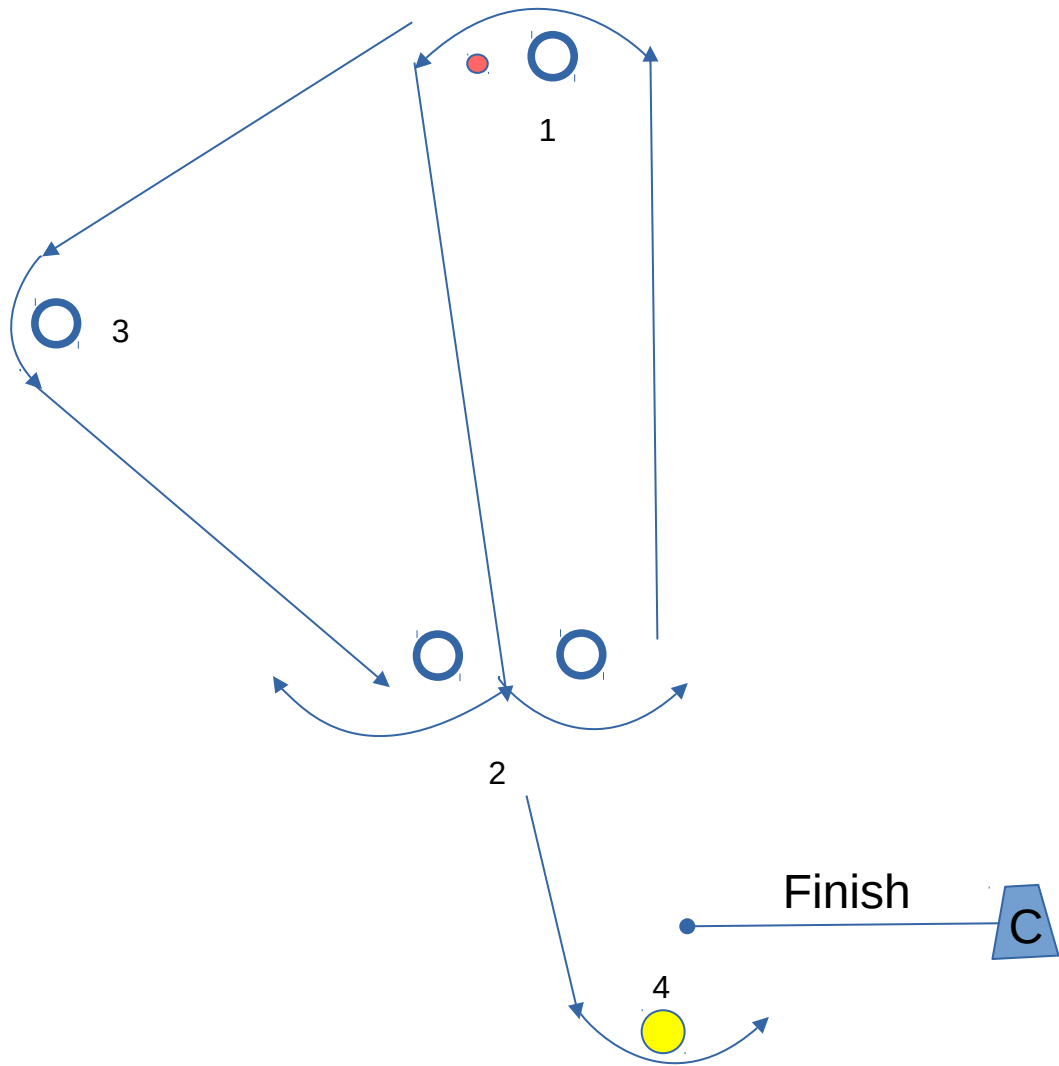
- 27.1 Each participating boat shall be insured with valid third- party liability insurance with a minimum cover of AUD \$10 million and provide the Registration Desk with a copy of the Insurance Certificate.

Appendix A Courses

Course 1; All legs Windward - Leeward



Course 2;
Leg 1 Windward-Leeward;
Leg 2 Triangle;
Leg 3 Windward-Leeward



Appendix B Scoring.

A1 NUMBER OF RACES

The number of races scheduled and the number required to be completed to constitute a series shall be stated in the sailing instructions.

A2 SERIES SCORES

Each boat's series score shall be the total of her race scores excluding her worst score. (The sailing instructions may make a different arrangement by providing, for example, that no score will be excluded, that two or more scores will be excluded, or that a specified number of scores will be excluded if a specified number of races are completed. A race is completed if scored; see rule 89.3(a).) If a boat has two or more equal worst scores, the score(s) for the race(s) sailed earliest in the series shall be excluded. The boat with the lowest series score wins and others shall be ranked accordingly.

A3 STARTING TIMES AND FINISHING PLACES

The time of a boat's starting signal shall be her starting time, and the order in which boats *finish* a race shall determine their finishing places. However, when a handicap or rating system is used a boat's corrected time shall determine her finishing place.

A4 LOW POINT AND BONUS POINT SYSTEMS

Most series are scored using either the Low Point System or the Bonus Point System. The Low Point System uses a boat's finishing place as her race score. The Bonus Point System benefits the first six finishers because of the greater difficulty in advancing from fourth place to third, for example, than from fourteenth place to thirteenth. The Low Point System will apply unless the sailing instructions specify another system; see rule 89.3(a).

- A4.1** Each boat *starting* and *finishing* and not thereafter retiring, being *penalized* or given *redress* shall be scored points as follows:

<i>Finishing place</i>	<i>Low Point System</i>
First	1
Second	2
Third	3
Fourth	4

<i>Finishing place</i>	<i>Low Point System</i>
Fifth	5
Sixth	6
Seventh	7
Each place thereafter	Add a 1 point

A4.2 A boat that did not *start*, did not *finish*, retired after *finishing* or was disqualified shall be scored points for the finishing place one more than the number of boats entered in the series. A boat penalized under rule 30.2 or 44.3 shall be scored points as provided in rule 44.3(c).

A5 SCORES DETERMINED BY THE RACE COMMITTEE

A boat that did not *start*, comply with rule 30.2 or 30.3, or *finish*, or that takes a penalty under rule 44.3 **or retires after finishing**, shall be scored accordingly by the race committee without a hearing. Only the protest committee may take other scoring actions that worsen a boat's score.

A6 CHANGES IN PLACES AND SCORES OF OTHER BOATS

- A6.1** If a boat is disqualified from a race or retires after *finishing*, each boat with a worse finishing place shall be moved up one place.
- A6.2** If the protest committee decides to give redress by adjusting a boat's score, the scores of other boats shall not be changed unless the protest committee decides otherwise.

A7 RACE TIES

If boats are tied at the finishing line or if a handicap or rating system is used and boats have equal corrected times, the points for the place for which the boats have tied and for the place(s) immediately below shall be added together and divided equally. Boats tied for a race prize shall share it or be given equal prizes.

A8 SERIES TIES

- A8.1** If there is a series score tie between two or more boats, each boat's race scores shall be listed in order of best to worst, and at the first point(s) where there is a difference the tie shall be broken in favour of the boat(s) with the best score(s). No excluded

scores shall be used. **A8.2** If a tie remains between two or more boats, they shall be ranked in order of their scores in the last race. Any remaining ties shall be broken by using the tied boats' scores in the next-to-last race and so on until all ties are broken. These scores shall be used even if some of them are excluded scores.

A9 RACE SCORES IN A SERIES LONGER THAN A REGATTA

For a series that is held over a period of time longer than a regatta, a boat that came to the starting area but did not *start*, did not *finish*, retired after *finishing* or was disqualified shall be scored points for the finishing place one more than the number of boats that came to the starting area. A boat that did not come to the starting area shall be scored points for the finishing place one more than the number of boats entered in the series.

A10 GUIDANCE ON REDRESS

If the protest committee decides to give redress by adjusting a boat's score for a race, it is advised to consider scoring her

(a) points equal to the average, to the nearest tenth of a point (0.05 to be rounded upward), of her points in all the races in the series except the race in question;

(b) points equal to the average, to the nearest tenth of a point (0.05 to be rounded upward), of her points in all the races before the race in question; or

(c) points based on the position of the boat in the race at the time of the incident that justified redress.

A11 SCORING ABBREVIATIONS

These abbreviations are recommended for recording the circumstances described:

DNC Did not *start*; did not come to the starting area

DNS Did not *start* (other than DNC and OCS)

OCS Did not *start*; on the course side of the starting line at her starting signal and failed to *start*, or broke rule 30.1

ZFP 20% penalty under rule 30.2

BFD Disqualification under rule 30.3

SCP Took a scoring penalty under rule 44.3

DNF Did not *finish*

RAF Retired after *finishing*

DSQ Disqualification

DNE Disqualification (other than DGM) not excludable under rule 89.3(b)

DGM Disqualification under rule 69.1(b)(2); not excludable

RDG Redress given

Appendix C Rule 26;

26 STARTING RACES Races shall be started by using the following signals. Times shall be taken from the visual signals; the absence of a sound signal shall be disregarded.

<i>Signal</i>	<i>Flag and sound</i>	<i>Minutes before starting signal</i>
Warning	Class flag: 1 Sound	5*
Preparatory	P, I, Z, Z with I, or black flag; 1 sound	4
One-minute	Preparatory flag removed; 1 long sound	1
Starting	Class flag removed; 1 sound	0

*or as stated in the sailing instructions.

The warning signal for each succeeding class shall be made with or after the starting signal of the preceding class.