

BUCS YACHTING CHAMPIONSHIPS

SAILING INSTRUCTIONS

14th-18th April 2019

1. RULES

- 1.1. The regatta will be governed by the rules as defined in *The Racing Rules of Sailing (RRS)*, including the RYA Prescriptions.
- 1.2. Sunsail Match First 40 Class Rules shall apply.
- 1.3. For the purpose of this regatta the word 'team' may be used to mean the crew of a boat. The word 'boat' and 'yacht' are interchangeable.
- 1.4. [Harbour byelaws and regulations](#) and a copy will be posted on the Official Notice Board.
- 1.5. Southampton Harbour Bye-law. The attention of all competitors is drawn to [Notice to Mariners No 14 of 2019](#): The Moving Prohibited Zone shall be deemed an obstruction and the race committee may disqualify a boat that infringes this instruction without a hearing except that the offending boat shall be entitled to a hearing on request. This changes RRS 63.1 and A5.
- 1.6. Portsmouth Harbour Regulations. Competitors are reminded of their strict obligation NOT TO IMPEDE SHIPS in Main Buoyed channels and when proceeding in and out of Portsmouth Harbour to use the Small Boat channels as prescribed in the QHM's [Notice to Mariners](#).
- 1.7. The Race Committee or Protest Committee may protest a boat for a breach of the International Regulations for Preventing Collisions at Sea (IRPCAS), or the rules in NOR 2.4, 2.5 and 2.6, based on a report from any source. This changes RRS 60.2(a) and 60.3(a).
- 1.8. The right of appeal is denied under RRS 70.5(a)
- 1.9. World Sailing Addendum Q will apply for the final series for the Championship Trophy Fleet. The version to be used will be the current version available and published by World Sailing on the 4th January 2019.
- 1.10. Racing rules 35, 63.1, 63.7, A4.1, A4.2, A2.1 and A5 will be changed as follows:
 - a) 63.7 In the event of conflict between the Notice of Race and the Sailing Instructions, the Sailing Instructions shall prevail.
 - b) A boat scored TLE (Time Limit Expired) shall be scored points equal to the number of finishers for that class plus one. This changes RRS 35, A4.1, A5 and 63.1
 - c) A boat that is disqualified shall receive points for one place worse than DNF (changes RRS A4.2)
- 1.11. Boats will be allocated by Sunsail on or before Sunday 14th April 2019 at 18.45. Any consequences of the allocation including the supply, condition and maintenance of a boat and her equipment shall not be grounds for seeking redress (changes RRS 62.1 (a)). Whilst all reasonable steps are taken to equalise the boats, variations will not be grounds for redress. This changes RRS 62.
- 1.12. When a boat needs to avoid commercial shipping that is under way, she may use her engine to do so. When she initially gains a significant advantage from this propulsion, she shall continue to use her engine to remove that advantage. The boat shall then, within the time limit for protests, report this in writing to the protest committee, stating the time when the engine or other propulsion was employed, the course and speed made good under power and the time the propulsion ceased. When the protest committee decides that the only infringement by a boat that is protested for breaking this sailing instruction was the gaining of a significant advantage, the penalty will be at its discretion.

2. NOTICES TO COMPETITORS

- 2.1. Notices to competitors will be posted on the Official Notice Board ([ONB](#)) on the [BUA Website Yachting Championship page](#).

3. SAFETY

- 3.1. Mandatory safety briefings will take place each morning at 8:00am at the following venues.
 - a) Monday 15th April – The Slipway Building, Port Solent.
 - b) 16th, 17th & 18th April - Tiger Tiger, Gunwharf Quay
- 3.2. Each skipper and one other crew member shall register their attendance by signing the register at the safety briefings. It is the responsibility of the skipper to ensure they have signed the register each day. Failure to comply with this instruction will result in the following.
 - a) The penalty for not attending on the first occasion will be a 5% penalty added to the score, without a hearing, for the next race sailed in the event, or if there are no further races, the last race sailed.
 - b) For all subsequent offences the penalty will be 20%, in the next race sailed in the event.This amends rule 63.1 and A5.
- 3.3. Each boat shall conduct an on-board safety exercise prior to the 1st race in the series. This exercise shall comprise of a man-overboard drill, a gas leak drill, and a water ingress/emergency evacuation drill.

- 3.4. Competitors shall wear personal flotation devices at all times while afloat, except briefly while changing or adjusting clothing or personal equipment. This changes RRS 40 and Race Signals.
- 3.5. All boats shall keep a listening watch on VHF 72.
- 3.6. In the event that VHF 72 is unusable, code flag R will be displayed on the Committee Boat and all communications will be on VHF 77.
- 3.7. Boats retiring from a race shall notify the race committee by VHF 72 and await an acknowledgement.

4. CHANGES TO SAILING INSTRUCTIONS

- 4.1. Any change to the Sailing Instructions will be posted before 08:00 on the day it will take effect, except that any change to the Schedule of Races will be posted by 20:00 on the day before it will take effect.

5. BOATS AND CREW

- 5.1. Boats will be provided for all competitors, who shall not modify them or cause them to be modified in any way and shall adhere to the Sunsail Match First 40 Class rules at all times whilst racing. In addition to these rules, competitors shall not climb the mast unless directed by Sunsail Bosuns.
- 5.2. The team of eight registered crew shall be present on the boat whilst racing. Crew changes between races or between the Qualifying Series, Championship Series and Trophy Series may be approved at the absolute discretion of Sunsail and the Organising Authority provided they comply with the eligibility requirements in the NoR. Requests shall be made and approved in writing. Requests judged by the Organising Authority to be intended to improve the performance of a team in the Trophy series to the detriment of a team in the Championship series will be refused. The registered skipper shall be in charge of the boat at all times.
- 5.3. Sail plan flag signals displayed from the committee boat:
 - a) If no sail plan flag signals are displayed then there are no sail plan restrictions.
 - b) If international code flag W is displayed no spinnakers shall be used.
 - c) If international numeral pennant 1 is displayed at least 1 reef in mainsail shall be used.
 - d) If international numeral pennant 2 is displayed at least 2 reefs in mainsail shall be used.
 - e) If international numeral pennant 3 is displayed at least 3 reefs in mainsail shall be used.
 - f) Sail plan flags maybe used in any combination.
 - g) If sail plan flags are used they will be displayed prior to the warning signal and maybe relayed by VHF 72. The failure to receive such broadcast shall not be ground for redress.
- 5.4. In the event of contact which causes or may have caused damage, a boat shall inform the race committee by VHF 72 at the first reasonable opportunity. The race committee may direct a boat to retire and proceed ashore and the boat shall comply with the race committee's decision.

6. SIGNALS MADE ASHORE

- 6.1. All signals made ashore will be made from the committee boat whilst moored at Port Solent or Gunwharf Quay.
- 6.2. When AP is displayed ashore, "1 minute" in RRS Race Signals AP is replaced "not less than 30 minutes"

7. SCHEDULE OF RACES

The intended race schedule details are as follows. However the race committee may alter the schedule for any reason to preserve championship status.

Sunday 14th April <i>HW Portsmouth 07.28 3.8m 20.19 4m</i>	Registration: 17:00 – 18:45 at Port Solent Skippers Briefing: 19:00 at the Slipway building.
Monday 15th April <i>HW Portsmouth 08.46 4m 21.26 4.3m</i>	Practice starts / race: 10:00 warning signal
	Race 1 (Windward – Leeward) 10.45 warning signal
	Race 2 (Windward – Leeward) ASAP after race 1.
Tuesday 16th April <i>HW Portsmouth 09.44 4.3m 22.17 4.5m</i>	Race 3 (Windward – Leeward) ASAP after race 2.
	Race 4 (Windward – Leeward) 09:30 warning signal
	Race 5 (Windward – Leeward) ASAP after race 4. Race 6 Inshore coastal race – approx. 2 – 2 ½ hrs duration) (Windward – Leeward) ASAP after race 5
Wednesday 17th April <i>HW Portsmouth 10.32 4.5m 23.03 4.7m</i>	Race 7 (Windward – Leeward) 09:30 warning signal
	Race 8 (Long inshore race – approx. 5 hrs duration) ASAP after race 7.
Thursday 18th April <i>HW Portsmouth 11.16 4.47m 23.46 4.8m</i>	Race 1 (Windward – Leeward/Inshore) 0930 Warning Signal
	Race 2 (Windward – Leeward) a.s.a.p. after Race 1.
	Race 3 (Windward – Leeward) a.s.a.p. after Race 2.

No race shall start after 14:00 on the last scheduled day of racing, except as a result of a general recall. Prize Giving 16:00 at the Port House Café, Port Solent (Or earlier if possible)

8. CLASS FLAGS

- 8.1. The Sunsail Match First 40 class flag will be displayed as the warning signal for the qualifying series.
- 8.2. The warning signal for the 'Championship' Fleet will be the Sunsail Match First 40 class flag displayed over a yellow flag for the final series.
- 8.3. The warning signal for the 'Trophy' Fleet will be the Sunsail Match First 40 class flag displayed over a blue flag for the final series.

9. RACING AREAS AND OBSTRUCTIONS

- 9.1. The racing will be in The Solent and adjacent waters. The race committee will advise competitors of the intended starting area using VHF channel 72 initially 60 minutes prior to the first warning signal of each day.
- 9.2. Cable and Pipeline Area. High voltage electricity cables and gas pipelines are laid across The Solent within the charted off area marked off Stone Point and Gurnard Bay. Boats shall not anchor or kedge within this area.

10. COURSES

- 10.1. Courses will be advised by VHF channel 72 before each class warning signal, using the [Solent Area Mark Codes 2019](#) list.
- 10.2. The RC may use one of the courses L, LA, LM or LR, as shown in the Course Diagrams in Appendix D. If used these will be announced by VHF channel 72 before each class warning signal.
- 10.3. The course axis compass bearing and range shall be provided by the race committee for windward / leeward courses when using laid inflatable marks.
- 10.4. To change the next leg of the course when using a laid inflatable mark, the race committee will lay a new mark (or move the finishing line) and may remove the original mark as soon as practical. A change in the course may be made to shorten or lengthen a leg by no more than 0.25 mile, or to alter its direction by no more than 20°, without making any signals. The change may be advised by VHF. This adds to RRS 33.
- 10.5. RRS 33 is changed so that the visual and sound signals are replaced by a broadcast on VHF 72. The failure to receive such broadcast shall not be grounds for redress, this changes RRS 62.1(a).

11. MARKS

Descriptions of any laid inflatable marks will be confirmed by the race committee during the course announcement using VHF 72.

12. THE START

- 12.1. The starting line will be between a staff displaying an orange flag on the race committee boat and a laid inflatable buoy.
- 12.2. When an Inner Distance Mark (IDM) is laid near the committee vessel, it is a starting limit mark that shall be left on the same side as the nearby committee vessel. After the one-minute signal for each race and before starting and clearing the line, boats shall not cross the line between an IDM and the staff displaying an orange flag on the nearby committee boat. Boats infringing this rule will be scored DNS unless they exonerate themselves by rounding the nearby committee boat before starting. This changes RRS A 5.
- 12.3. In addition to RSS 29.1 the race committee may broadcast the sail number of boats that have infringed the rule on VHF 72. The failure to make or receive such broadcast shall not be grounds for redress, this changes RRS 62.1(a).
- 12.4. RRS30.3 and 30.4 are changed so that boats will not be identified visually but sail numbers will be broadcast over VHF 72. The failure to receive such a broadcast shall not be grounds for redress, this changes RRS 62.1(a). Boats that have been notified as breaking either of these rules shall immediately leave the race course.
- 12.5. A boat starting later than 10 minutes after her starting signal will be scored DNS. This changes RRS Appendix A4.

13. THE FINISH

- 13.1. The finish line will be between the mast displaying an orange flag on the Committee boat and the nearby finish mark.

14. TIME LIMITS

- 14.1. The time limit for the first boat in the Windward / Leeward races will be 100 minutes. Boats failing to finish within 30 minutes after the first boat finishes will be scored TLE (Time Limit Expired). This changes RRS 35 and A5.
- 14.2. The time limit for the first boat to finish the inshore coastal race and long inshore race will be 17:00. Boats failing to finish within 60 minutes after the first boat finishes will be scored TLE (Time Limit Expired). This changes RRS 35 and A5.

15. PENALTIES

- 15.1. For the qualifying series and Trophy races RRS 44.1 is changed such that the penalty shall be a One -Turn Penalty (1 tack and 1 gybe). However, if a boat may have broken a rule of Part 2 while any part of any boat involved in the incident was in the *zone* (three hull lengths from the mark) the penalty shall be a Two -Turns Penalty (2 tacks and 2 gybes).
- 15.2. Boats that have taken a penalty under this rule shall confirm their penalty by completing the Penalty Form at the protest desk no later than the protest time limit or before the first hearing scheduled in relation to the incident concerned, whichever is sooner. Boats taking an exoneration penalty under SI 17.2 shall complete the Penalty Form before the first protest hearing scheduled in relation to the incident concerned.

16. SCORING

- 16.1. The Low Point System of Appendix A will apply except as modified below.
- 16.2. Weighting: points will be multiplied by the points factor applying to the race. For windward/leeward races the points factor will be 1.0, the Coastal Race the points factor is 1.5, and the Long Inshore Race the points factor is 2.0. BFD, DSQ, DNE and UFD shall receive points for one place worse than DNF (changes RRS A4.1).
- 16.3. If five or more races are completed in the Qualifying Series, a boat's worst score for these races shall be discarded. The Coastal and Long Inshore Races, if sailed, shall not be discarded. This changes RRS A2.1.
- 16.4. No score shall be excluded in the Championship and Trophy Races. This changes RRS A2.1.
- 16.5. A boat scored TLE (Time limit expired) shall be scored points equal to the number of finishers for that class plus one. This changes RRS 35, A4.1, A5 and 63.1.
- 16.6. A boat that is disqualified shall receive points for one place worse than DNF (changes A4.2).
- 16.7. Results from the Qualifying Series will be taken through to the Championship and Trophy results as ranking points (For example: For the Championship the 1st ranked Institution will be awarded 1 point, the 2nd ranked institution will be awarded 2 points and so on to the 8th ranked Institution. For the Trophy the 1st ranked Team not in the Championship will be awarded 1 point, the 2nd ranked Team not in the Championship will be awarded 2 points and so on.)

17. PROTESTS

Except for races in the Final Series for the Championships Fleet:

- 17.1. Adding to rule 61.1(a), boats intending to protest shall radio their intention to the race committee immediately on completion of the race concerned, using VHF channel 72, and await an acknowledgement.
- 17.2. The Exoneration Penalty and the RYA Advisory Hearing and RYA Arbitration procedures of the RYA Rules Disputes Procedures will be available. Decisions from the RYA Arbitration can be referred to a protest committee but cannot be reopened or appealed. See the Official Notice Board for details. The Exoneration penalty shall be 30% place penalty.
- 17.3. Protest forms will be available from the events desk in Tiger Tiger on Monday, Tuesday and Wednesday and from the Port House Café, Port Solent on Thursday.
- 17.4. Protests must be delivered with mobile numbers included on the form to the events desk (Tiger Tiger/ the Port House Café, Port Solent) within 30 minutes of the return to Gunwharf/Port Solent of the committee boat. This time will be posted on the online [ONB](#). In exceptional circumstances this time limit may be varied by the protest committee.
- 17.5. A notice will be posted on the online [ONB](#), indicating the location and time of any protest hearing, within 30 minutes of the delivery of the protest form.
- 17.6. The protest committee may, at its sole discretion, award a lesser penalty than DSQ. This changes RRS 64.1

18. HAUL-OUT RESTRICTIONS

- 18.1. Boats shall not be hauled out during the competition except with and according to the prior written permission of the race committee.
- 18.2. Underwater breathing apparatus and plastic pools or their equivalent shall not be used around boats between the preparatory signal of the first race and the end of the regatta.

19. RISK STATEMENT

- 19.1. RRS 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;
- g) It is their responsibility to familiarise themselves with any risks specific to this venue or this event drawn to their attention in any rules and information produced for the venue or event and to attend any safety briefing held for the event.
- h) Their boat is adequately insured, with cover against third party claims.

20. PRIZES AND PRIZGIVING

- 20.1. The Overall Prize giving will be held at 16:00 hrs on Thursday 18th April 2019 at the Port House Café, Port Solent. The winner of the 'Championship' Fleet will be awarded the Sunsail Trophy.
- 20.2. BUCS points will be awarded to the 'Championship' Fleet. BUCS medals will be awarded to the top 3 teams from the 'Championship' Fleet.
- 20.3. BUCS points will be awarded to the 'Trophy' Fleet. BUCS medals will be awarded to the top 3 teams from the 'Trophy' Fleet.
- 20.4. The winner of the Long Inshore Race (if raced) will be awarded the Jim Saltonstall Teapot Trophy.
- 20.5. The top Scottish and Welsh Teams may be awarded trophies.
- 20.6. The Sunsail award for the most improved team. The recipient of the Sunsail award will be the most improved team during the course of the regatta. The winning team will be decided at the discretion of the BUSA appointed coaches and the Organising Authority.

21. EQUIPMENT AND MEASUREMENT CHECKS

- 21.1. A boat or the eligibility of the crew or equipment may be inspected at any time for compliance with class rules, the provisions of the Notice of Race and Sailing Instructions.

22. SUPPORT BOATS

- 22.1. Support persons, and anyone associated with a competitor shall stay outside areas where boats are racing, and shall not communicate with competitors at any time while racing unless attending a boat in distress requiring assistance, or as directed by the race committee. Support boats shall register at registration and provide a name, mobile number and boat name.
- 22.2. Specified coaches, whose names will be posted on the official notice board, may enter the racing area. These coaches may give outside help to any boat during racing and any boat may receive such help. This changes RRS 41.

23. IDENTIFICATION WHILST RACING

- 23.1. On Thursday 18th April 2019, Boats in the Championship fleet shall display on their backstay a pink coloured flag to identify which fleet they are part of. The Organising Authority shall supply the flags and instructions for their use. Flags are collected from the safety briefing on Thursday morning.
- 23.2. The top 3 teams will display on their backstay, a Yellow, Blue or Red flag to identify 1st, 2nd and 3rd overall in the fleet. Flags are to be collected from the safety briefing each morning and returned to the Race Office before the protest time limit each day.

24. REQUIRED ATTENDANCE

- 24.1. At least two members from each boat (one of whom must be the registered skipper) shall attend the post-racing coach debriefs. The penalty for failing to comply with this rule will be a charitable contribution of £5.00 to Cancer Research from the boat concerned. All crew members are exempt from attending the coaches debrief if the boat is subject to a protest.

25. MEDIA RIGHTS

In participating in the BUCS championship any competitor automatically grants the Organising Authority permission to make, use and show, from time to time, any motion pictures and live, taped or film television and other reproductions of him/her during the period of the event without compensation, in perpetuity.

APPENDIX A: NOTICE TO TEAMS: BEHAVIOUR AND CONDUCT (Breaches of this appendix shall not be grounds for protests by a boat. This changes RRS 60.1(a).)

- 1 Please take a minute or so to read this important notice. Your team will be deemed to have read it if you turn up, so please make sure you have.
- 2 The BUSA Committee hopes you have a great time at the Championship and have the best possible racing over the four days. We have been working hard to make sure the event is as good as possible and we are here to have as good a time as you hopefully will.
- 3 All competitors shall wear a wristband provided by the organising authority for the duration of the event.
- 4 There is however, a clear line between having a good time and misbehaviour. All competitors have already agreed to abide by the BUSA Code of Conduct and BUSA will not tolerate misconduct or misbehaviour by competitors. This applies from the moment you arrive at the event to the time you leave (including all social functions). We rely on the goodwill and co-operation of our host universities, sailing clubs, marinas and venues to host our events and simply cannot afford to damage these important relationships if we are to continue running the best possible events for you.
- 5 BUSA is primarily a competition between universities, and therefore it is your university club as well you and your team captain that will be held responsible for any misconduct. We have applied this principle before and will do so again if required.
- 6 Finally, it is inevitable that from time to time you might disagree with an official's decision and all our officials are happy to explain why they have made a particular decision after a race. However, dissent (the dispute of an official's actions or decision in a manner that implies incompetence, prejudice or insult, or behavior that is offensive to the official concerned) is unacceptable and is unsportsmanlike conduct.
- 7 We hope you have a great event and look forward to seeing you on and off the water.

Jess Beecher, Event Director
Neil Marshall, BUSA Chair 2017-19

Appendix B: Championship Fleet

Places in the 'Championship' will be allocated to the highest placed team from the top 8 institution based on their ranking from the QS before 08.00 on Thursday morning.

An institutions overall ranking shall be based on her ranking points from the Qualifying Series and her 'championship' score.

No score shall be excluded in the 'Championship' races. This changes RRS A2.1.

Appendix C: Trophy Fleet

Places in the 'Trophy' races will be allocated to the remaining teams based on their ranking from the QS before 08.00 on Thursday morning.

An institutions overall ranking shall be based on her Qualifying Series score (after any discard is applied) and her 'trophy' score.

No score shall be excluded in the 'Trophy' races. This changes RRS A2.1.

Appendix D: Course Diagram

L	COURSE: WINDWARD / LEEWARD
Signal	Mark Rounding Order
L2	Start - 1 - 2s/2p - 1 - Finish
L3	Start - 1 - 2s/2p - 1 - 2s/2p - 1 - Finish

The diagram for the L course shows a start/finish line at the bottom. A single mark labeled '1' is positioned at the top. Two marks labeled '2s' and '2p' are positioned below mark 1. The course path starts at the start/finish line, goes up to mark 1, then down to mark 2s, then up to mark 2p, and finally down to the finish line.

LA	COURSE: WINDWARD / LEEWARD with spreader mark and leeward finish
Signal	Mark Rounding Order
LA2	Start - 1 - 1a - 2s/2p - 1 - 1a - Finish
LA3	Start - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - Finish
LA4	Start - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - Finish

The diagram for the LA course shows a start/finish line at the bottom. A single mark labeled '1' is positioned at the top. A spreader mark labeled '1a' is positioned to the left of mark 1. Two marks labeled '2s' and '2p' are positioned below mark 1. The course path starts at the start/finish line, goes up to mark 1, then down to mark 2s, then up to mark 2p, then down to mark 1, then up to mark 1a, and finally down to the finish line.

LR	COURSE: WINDWARD / LEEWARD with reaching finish
Signal	Mark Rounding Order
LR2	Start - 1 - 2s/2p - 1 - 2p - Finish
LR3	Start - 1 - 2s/2p - 1 - 2s/2p - 1 - 2p - Finish
LR4	Start - 1 - 2s/2p - 1 - 2s/2p - 1 - 2s/2p - 1 - 2p - Finish

The diagram for the LR course shows a start/finish line at the bottom. A single mark labeled '1' is positioned at the top. Two marks labeled '2s' and '2p' are positioned below mark 1. The course path starts at the start/finish line, goes up to mark 1, then down to mark 2s, then up to mark 2p, and finally down to the finish line.

LM	COURSE: WINDWARD / LEEWARD with spreader mark and reaching finish
Signal	Mark Rounding Order
LM2	Start - 1 - 1a - 2s/2p - 1 - 1a - 2p - Finish
LM3	Start - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - 2p - Finish
LM4	Start - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - 2p - Finish

The diagram for the LM course shows a start/finish line at the bottom. A single mark labeled '1' is positioned at the top. A spreader mark labeled '1a' is positioned to the left of mark 1. Two marks labeled '2s' and '2p' are positioned below mark 1. The course path starts at the start/finish line, goes up to mark 1, then down to mark 2s, then up to mark 2p, then down to mark 1, then up to mark 1a, and finally down to the finish line.