



## SAILING INSTRUCTIONS

### 2022 ILCA 6 Youth World Championships

With Amendments **1** and **2**

23 – 30 July 2022

**Shoreacres, Texas, USA**



*Organizing Authority: Houston Yacht Club (Host) and the International Laser Class Association (ILCA)*

## 1. RULES

- 1.1 The event will be governed by the rules as defined in The Racing Rules of Sailing (RRS).
- 1.2 The prescriptions of US Sailing that apply are stated in the notice of race (NoR).
- 1.3 ILCA class rule 7(a) is restricted as follows: “Only one competitor shall be on board whilst racing. The competitor shall be named on the entry form.”
- 1.4 Appendix P, Special Procedures for Rule 42, will apply as amended in SI 15.
- 1.5 Appendix T, Arbitration, will apply.
- 1.6 In all rules governing this event:
  - 1.6.1 [NP] denotes a rule that shall not be grounds for protests by a boat. This changes RRS 60.1(a).
  - 1.6.2 [DP] denotes a rule for which the penalty is at the discretion of the international jury.
  - 1.6.3 [SP] denotes a rule for which the race committee or technical committee may apply a standard penalty without a hearing or a discretionary penalty may be applied by the international jury with a hearing. However, the race committee or technical committee may protest a boat if it considers a standard penalty is inappropriate. A boat that has been penalised with a standard penalty shall neither be protested by another boat for the same incident nor can another boat request redress for this committee action. This changes RRS 60.1, 63.1 and A5.
- 1.7 Decisions of the international jury will be final as provided in RRS 70.5.
- 1.8 If there is a conflict between languages the English text will take precedence.

## 2. [DP] COMMUNICATIONS AND LOCATIONS

- 2.1 The important locations (see also SI Addendum B):

	<b>Location</b>
Event Website and Official Notice Board	<a href="https://2022ilca6youth.ilca-worlds.org">https://2022ilca6youth.ilca-worlds.org</a>
Official Flagpole	On water side of the clubhouse
Registration Office	Lobby, 1 <sup>st</sup> floor of the clubhouse
Equipment Inspection	Covered area in front of the clubhouse entrance (changes NoR 11.2)
Race Office	Entrance to the Centennial Room on 2nd floor of clubhouse



- 2.2 Notices to competitors will be posted on the official notice board.
- 2.3 While afloat, a competitor shall not carry equipment capable of making or receiving voice or data transmissions, except for equipment provided by the organising authority.
- 2.4 For purposes of safety, support vessels shall monitor the race committee working channel (**VHF 68**) but shall not transmit on this channel except in the case of an emergency.

### **3. [DP] [NP] FLEET IDENTIFICATION**

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- 3.1 While racing in split fleets, each boat shall display a coloured band corresponding to the fleet to which she has been assigned. The band shall be placed on the bottom mast between the boom vang fitting and the boom.
- 3.2 The coloured bands will be issued at registration and if bands are lost or damaged spares will be available at the race office.

### **4. CHANGES TO SAILING INSTRUCTIONS**

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- 4.1 Any change to the sailing instructions will be posted no later than 2 (two) hours before the warning signal of the race on the day it will take effect except that any change to the schedule of races will be posted by 2000 on the day before it will take effect.

### **5. [DP] REGISTRATION, BOATS & EQUIPMENT INSPECTION**

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- 5.1 Each competitor shall register at the registration office and complete all required registration and equipment inspection formalities before racing. A competitor that does not complete all required registration and equipment formalities will not be entered to the event under RRS 75.
- 5.2 Information on equipment inspection will be posted on the official notice board. Boats shall be presented with all equipment that shall be used in the event, with the bottom mast, boom and all control lines rigged and with the sail and top section derigged ready for inspection.
- 5.3 Equipment inspection outside the times stated in SI 8.1 will only be permitted at the discretion of the technical committee and with payment of USD 20.
- 5.4 Equipment, including wet clothing may be inspected at any time for compliance with the class rules and the sailing instructions according to the following procedures:
  - 5.4.1 A competitor may be instructed by the technical committee, either ashore or on the water, to proceed immediately to the inspection area for inspection.
  - 5.4.2 Until permission is given by the technical committee, a competitor once instructed to proceed for inspection, shall have no unauthorised contact with any support person, no person shall join or leave the boat, no equipment or other item shall be taken on or off that boat and the boat shall not leave the inspection area.
- 5.5 In the event of damage, hulls and equipment listed in NoR 6.1 may only be replaced with the written permission of the technical committee. If the damage occurs between 2 (two) hours before the first scheduled start on a racing day, and before the start of the last race of the day, provisional verbal permission shall be obtained from the technical committee, international jury or race committee and the written permission of the technical committee shall be applied for before the end of the protest time limit at the end of the day in which the replacement takes place.

## 6. SIGNALS MADE ASHORE

- 6.1 Signals made ashore will be displayed at the official flagpole.
- 6.2 [DP] [NP] On racing days, boats shall not leave the shore until flag D over fleet colour (with one sound signal) is displayed. Only fleets whose colour is displayed may depart. The warning signal will be made not less than 45 minutes after flag D is displayed.
- 6.3 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 45 minutes' in the race signal AP. This changes RRS Race Signals.

## 7. FORMAT OF RACING

- 7.1 The Women's entries will sail in a single fleet.
- 7.2 The Men's entries will be divided into 3 fleets and will sail a qualifying series followed by a final series. See SI Addendum A.
- 7.3 If four races have not been completed by the end of the third scheduled racing day the qualifying series will continue until the end of the racing day in which a fourth qualifying race is completed.
- 7.4 A qualifying series race will not count until all qualifying series fleets have completed that race.

## 8. SCHEDULE

- 8.1 Event Schedule:

<b>Date</b>	<b>Event</b>
Saturday, 23 July	0900-1200 & 1300-1800 Registration, Equipment Inspection
Sunday, 24 July	0900-1200 & 1300-1800 Registration, Equipment Inspection 1400 Practice Race Warning Signal 1730 Coaches Meeting 1830 Opening Ceremony
Monday, 25 July	2 races back-to-back
Tuesday, 26 July	2 races back-to-back
Wednesday, 27 July	2 races back-to-back
Thursday, 28 July	2 races back-to-back
Friday, 29 July	2 races back-to-back
Saturday, 30 July	2 races back-to-back 1800 Last possible Warning Signal 2000 Prize Giving Ceremony

- 8.2 The time of the first warning signal on 25-30 July will be 1400.
- 8.3 12 races are scheduled over 6 days, with 2 races a day.
- 8.4 The schedule may be changed to sail more than 2 races a day, when behind schedule. However, no more than 3 races a day will be sailed.
- 8.5 Each day succeeding races will be started as soon as practicable after the finish of the previous race.
- 8.6 On the last day of the championship, no warning signal will be made after 1800.

## 9. RACING AREAS

- 9.1 Addendum B shows the racing area. The racing area is defined as an area extending 100 meters beyond the entire course in which a boat would normally sail while racing.



9.2 Boats not racing and sailing in or near the racing area are reminded of RRS 23.1, and encouraged to stay well clear of boats that are racing.

## 10. COURSES

- 10.1 Addendum C shows the course diagrams including the order in which marks are to be passed, and the side on which each mark is to be left.
- 10.2 No later than the warning signal, the race committee signal vessel will display the approximate compass bearing of the first leg.
- 10.3 The course may be shortened to finish at a rounding mark, or a gate provided four or more legs have been sailed on an outer course and at least three or more legs have been completed on an inner course (excluding the leg between mark 1 and mark 1A).

## 11. MARKS

- 11.1 Course marks 1, 1A, 2, 3s, 3p, 4s, 4p and 5 will all be inflatable buoys.
- 11.2 The starting marks will be race committee vessels displaying orange flags.
- 11.3 The finishing marks will be a race committee vessel and an inflatable orange cylinder.
- 11.4 The colour and shape of inflatable marks and laid marks will be as follows:

Course Marks 2, 3S, 3P, 4S, 4P	5' Yellow Tetrahedrons
Course Mark 1	8' Yellow Tetrahedron
Course Mark 1A	5' Yellow Tetrahedron
Course Mark 5	5' Green Tetrahedron
New Marks	5' Orange Tetrahedron

## 12. THE START

- 12.1 To alert boats that a race or sequence of races will begin soon, the orange starting line flags will be displayed with one sound signal at least 5 minutes before a warning signal is made.
- 12.2 The warning signal for each succeeding race will be made as soon as practicable.
- 12.3 The class flag for each fleet will be a solid coloured flag (with or without ILCA logo) as shown below.
- 12.4 Start Sequence, Class/Fleet Flags, and Course:

<b>Qualifying (Races 1-6)</b>	<b>Colour</b>	<b>Course</b>
Women Green	Green	Outer
Men Fleet 1	Yellow	Outer
Men Fleet 2	Blue	Inner
Men Fleet 3	Pink	Inner
<b>Finals (Race 7 onwards)</b>		
<b>Men Gold</b>	<b>Yellow</b>	<b>Outer</b>
<b>Women Green</b>	<b>Green</b>	<b>Outer</b>
<b>Men Silver</b>	<b>Blue</b>	<b>Inner</b>
<b>Men Bronze</b>	<b>Pink</b>	<b>Inner</b>

12.5 The starting line will be between the staffs displaying orange flags on the starting marks.



- 12.6 [DP] [NP] Boats whose warning signal has not been made shall avoid the starting area during start sequences for other fleets.
- 12.7 A boat starting later than 4 minutes after her starting signal will be scored did not start (DNS) without a hearing. This changes RRS A4 and A5.
- 12.8 Races will be started using either RRS 30.3 (U Flag Rule), or RRS 30.4 (Black Flag Rule).
- 12.9 RRS 30.4 (Black Flag Rule) is supplemented as follows:
- 12.9.1 Sail numbers will be displayed for at least 3 minutes. A long sound signal will be made when the numbers are initially displayed. A boat whose number is so displayed shall leave the racing area, defined in SI 9.1 before the new preparatory signal. If she fails to do so, she will be scored DNE.
- 12.9.2 For the purposes of RRS 30.4 a race is 'restarted or resailed' when it has the same race number as a previously abandoned or recalled race, even if the race is resailed on a later date or is resailed as part of a final series instead of a qualifying series.

### **13. CHANGE OF THE NEXT LEG OF THE COURSE**

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- 13.1 A change of the next leg of the course will first be attempted by changing the position of the original marks. When this is not possible the course will be reset using one or more new marks (described in SI 11). When new marks are already in use, the course may be further reset using the original marks. Any action or no action by the race committee under this instruction will not be grounds for redress under RRS 62.1(a).

### **14. THE FINISH**

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- 14.1 The finishing line will be between a staff displaying a blue flag on the race committee vessel at the starboard end and the course side of the finishing mark at the other end of the finish line, except when RRS 32.2 applies.

### **15. PENALTIES FOR BREACHES OF RRS 42**

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- 15.1 Appendix P will apply with the following changes:
- 15.1.1 If a first penalty is signalled after a boat has crossed the finish line, the penalty will be a 10% Scoring Penalty calculated as stated in RRS 44.3(c).
- 15.1.2 RRS P3 is replaced with "If a boat has been penalised for the first time under RRS P1.2 and the race is restarted or resailed the penalty is cancelled, but it is counted to determine the number of times she has been penalised during the event.
- 15.1.3 RRS P4 is replaced with "An action by the jury under RRS P1.2 shall not be grounds for a request for redress by a boat under RRS 60.1(b). The jury may initiate a redress hearing and may give redress for an action under RRS P1.2 by a member of the jury or its designated observer".
- 15.2 A boat that has either retired from or been disqualified in a race for a second or subsequent breach of RRS 42 shall not compete in that race if it is restarted or resailed. This changes RRS 36. For the purposes of this instruction a race is 'restarted or resailed' when it has the same race number as a previously abandoned or recalled race, even if the race is resailed on a later date or is resailed as part of a final series instead of a qualifying series. If she competes in that race, she shall be disqualified without a hearing and that score shall not be excluded (DNE) and the jury will consider calling a hearing under RRS 69.1(a).



<b>Yellow Flag</b>	<b>Immediate penalty taken by boat</b>	<b>General Recall, postponement or abandonment</b>	<b>No action by boat</b>	<b>General Recall, postponement or abandonment</b>
1 <sup>st</sup> flag	Two turns / 10% <b>(SI 15.1.1)</b>	<b>Can restart</b>	DSQ	<b>Can restart</b>
2 <sup>nd</sup> flag	Retire (RET)	<b>Shall not restart</b>	DNE	<b>Shall not restart</b>
3 <sup>rd</sup> + flags	Retire (DNE)	<b>Shall not restart</b>	DNE for the event	<b>Shall not restart</b>

## 16. TIME LIMITS AND TARGET TIMES

16.1 Time limits and target times are in minutes are as follows:

<b>Race Time Limit</b>	<b>Finish Window</b>	<b>Race Target Time</b>
75	20	50

16.2 Boats failing to finish within the time stated in the Finish Window, after the first boat sails the course and finishes will be scored Did Not Finish (DNF). This changes RRS 35, A4 and A5.

16.3 Failure to meet the target time will not be grounds for redress under RRS 62.1(a).

## 17. HEARING REQUESTS, ENQUIRIES AND PENALTIES

17.1 All hearing requests, inquiries or declarations that are required by the notice of race or sailing instructions to be in writing and delivered to the race office, may alternatively be submitted via the official notice board. Forms are available at the race office and online.

17.2 Protests and requests for redress or reopening shall be delivered to the race office within the protest time limit.

17.3 The protest time limit will be set by and posted on the official notice board by the international jury and may be different for each fleet.

17.4 Notices will be posted within 30 minutes of the protest time limit for each fleet to inform competitors of hearings in which they are parties or named as witnesses.

17.5 Hearings will be held in the Hearing Room (see SI 2.1).

17.6 In RRS 62.2(a) and 66.2(a) change 'On the last scheduled day of racing...' to 'On the last day of a series ...'.

17.7 To request correction of an alleged error in posted race or series results, a boat shall complete and submit a scoring inquiry form online (preferred) or in person to the race office.

17.8 A list of boats that, under SI 15, have been penalized for breaking RRS 42 will be posted after racing each day.

17.9 Only the technical committee may protest a boat for an alleged breach of the class rules, rules of RRS Part 4 Section B or RRS Appendix G. This changes RRS 60.1(a), 60.2(a) and 60.3(a).

17.10 If a boat is sailed without a centreboard stopper, or with no mast retention line attached (class rule 3(b) xi), a scoring penalty of 30% of the score for did not finish rounded to a whole number (rounding 0.5 upward) will, without a hearing, be added to the boats score in the last completed race in which she was racing without a centreboard stopper or the retention line. However, she shall not be scored worse than DNF. This changes RRS 63.1 and RRS A5.



- 17.11 If a sail, top mast, or bottom mast has been changed prior to a race without the permission required by SI 5.6 the competitor will be disqualified without a hearing from the last completed race when the change was used. This changes RRS 63.1 and RRS A5.
- 17.12 Penalties for any other breach of class rules are at the discretion of the international jury and may be less than disqualification.

## 18. SCORING

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- 18.1 A minimum of 4 (four) races are required to be completed to constitute the championship.
- 18.2 A boat's series score will be the total of her race scores excluding her worst score(s) as follows:

<b>Races</b>	<b>Discards</b>	<b>Comments</b>
1-3	0	No discard
4 or more	1	One worst score excluded

- 18.3 When a qualifying/final series is sailed:
  - 18.3.1 The qualifying series races and the final series races will count for total points in the championship.
  - 18.3.2 If only 1 final series race is completed it will not be excluded.
  - 18.3.3 If 2 or more final series races are completed, then a maximum of 1 final series score may be excluded.
  - 18.3.4 For qualifying series, scores will be based on the number of boats assigned to the largest fleet in that series. This changes RRS A4.2.
  - 18.3.5 If no race in the final series is completed, the overall ranking in the qualifying series will be established and this shall count as the official result.
  - 18.3.6 Boats assigned to Gold fleet will be ranked higher in the event than competitors assigned to Silver fleet and so forth.
- 18.4 The scoring abbreviation for a penalty imposed under SI 17.10 will be SCP.

## 19. TITLES & PRIZES

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- 19.1 Titles and prizes will be awarded according to the notice of race.

## 20. [DP] [NP] SAFETY

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- 20.1 Rule 40.1 Personal Flotation Devices applies at all times afloat.
- 20.2 [SP] Check-out & Check-in, if applied by organizing authority:
  - 20.2.1 When going out to race each competitor intending to race shall personally check-out against their name and/or sail number.
  - 20.2.2 On returning ashore, even after the display of AP/H, AP/A, N/H or N/A when no race has been completed after launching, each competitor shall personally check-in, against their name and/or sail number, as soon as reasonably possible.
  - 20.2.3 Check-out and Check-in: Sailors shall check-in and check-out at the entrance to the launching area when departing and returning from the water.
- 20.3 A competitor that retires from a race shall notify a race committee, safety or jury vessel as soon as reasonably possible and shall inform the race office immediately after returning to the shore.
- 20.4 Competitors not racing for any of the racing days shall inform the race office as soon as possible.



- 20.5 When the race committee displays flag V with repetitive sounds, all official and support vessels shall monitor the race committee VHF 68 channel for instructions and assist in search and rescue operations.
- 20.6 If a boat is abandoned, it will be marked with a hazard tape tied through the bow eye to signal that the competitor is safe.





## 21. OFFICIAL VESSELS

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21.1 Official vessels will be marked as follows:

<b>Vessel</b>	<b>Flag</b>
Jury	White flag with blue letters JUDGE
Race Committee	Yellow flag with letters RC
Technical Committee	White flag with black-letter M
Press, Media	White flag with black letters PRESS

21.2 Failure of an official vessel to fly an identifying flag shall not be grounds for redress by a boat. This changes RRS 62.1(a).

21.3 Actions by the official vessels or helicopters shall not be grounds for redress by a boat. This changes RRS 62.1(a).

## 22. SUPPORT VESSELS

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22.1 There will be a coach meeting at the race office 2.5 hours before the first scheduled warning signal of the first race each day.

22.2 [NP] [DP] On racing days, boats shall not be towed unless the race committee displays flag T or with the verbal permission of the race committee. When under tow, boats shall not exceed 6 knots of speed.

22.3 Support persons shall comply with the Support Vessel Regulations. See SI Addendum D.

## 23. TRASH DISPOSAL

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23.1 Trash may be placed aboard support or official vessels.

## 24. DISCLAIMER OF LIABILITY

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24.1 Competitors participate in the event entirely at their own risk. See RRS 3, Decision to Race. The organising 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 event.

## 25. [DP] COVID STATEMENT

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25.1 By participating in the event, each competitor agrees and acknowledges that they are responsible for complying with any regulations in force from time to time in respect of COVID-19 and for complying with the COVID-19 procedures of the organizing authority published on the official notice board.

## SI ADDENDUM A – QUALIFYING & FINAL SERIES FORMATS

### A1. INTRODUCTION

1.1 This addendum applies when boats are divided into fleets to sail a qualifying series and a final series.

### A2. QUALIFYING SERIES

2.1 For the qualifying series boats will be assigned to fleets of, as near as possible, equal size and ability.

2.2 Initial assignments will be made by a seeding committee appointed by the organizing authority and will be posted by 2000 on the last day of registration.

2.3 In the qualifying series boats will be reassigned to fleets after each day of racing, except if only the first race of the event is completed. If all fleets have completed the same number of races, boats will be reassigned based on their ranks in the series. If all fleets have not completed the same number of races the series scores for reassignment will be calculated for those races, numbered in order of completion, completed by all fleets.

2.4 Reassignments will be made as follows:

Rank in Series	<b>2 fleet format</b> Fleet Assignment	<b>3 fleets format</b> Fleet Assignment	<b>4 fleets format</b> Fleet Assignment
1 <sup>st</sup>	1	1	1
2 <sup>nd</sup>	2	2	2
3 <sup>rd</sup>	2	3	3
4 <sup>th</sup>	1	3	4
5 <sup>th</sup>	1	2	4
6 <sup>th</sup>	2	1	3
7 <sup>th</sup>	2	1	2
8 <sup>th</sup>	1	2	1
9 <sup>th</sup>	1	3	1
And so on			

2.5 Reassignments will be based on the ranking available at 2000 that day regardless of protests or requests for redress not yet decided.

2.6 If all fleets have not completed the same number of races by the end of a day, the fleets with fewer races will continue racing the following day until all fleets have completed the same number of races. All boats will thereafter race in the new fleets.

2.7 If four races have not been completed on the last scheduled day of the qualifying series, the qualifying series will continue until the end of the racing day in which a fourth qualifying race is completed.

2.8 If at the end of the qualifying series some qualifying series fleets have more race scores than others, any extra races will be abandoned & cancelled so that all boats in the qualifying series have the same number of race scores.

### A3. FINAL SERIES

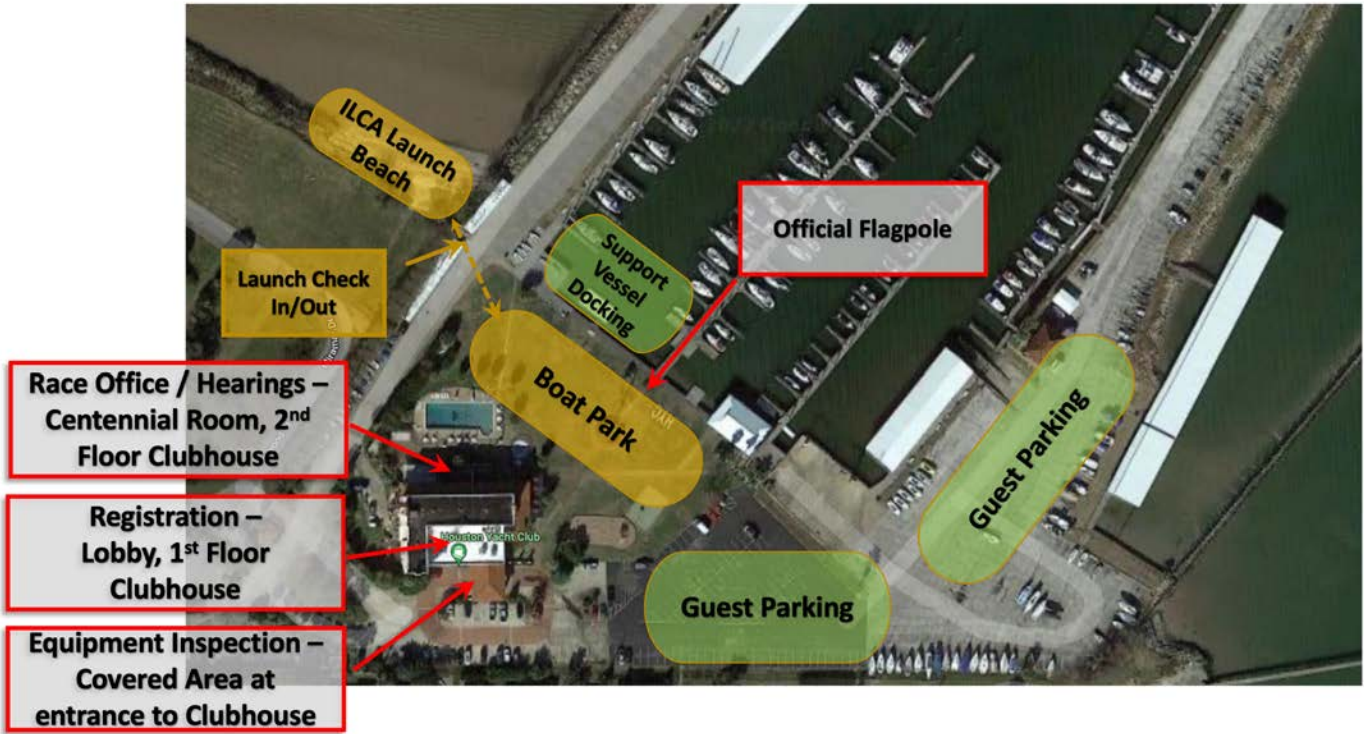
3.1 Boats will be assigned to final series fleets based on their ranks in the qualifying series.

3.2 There will be the same number of fleets in the final series as there were in the qualifying series.



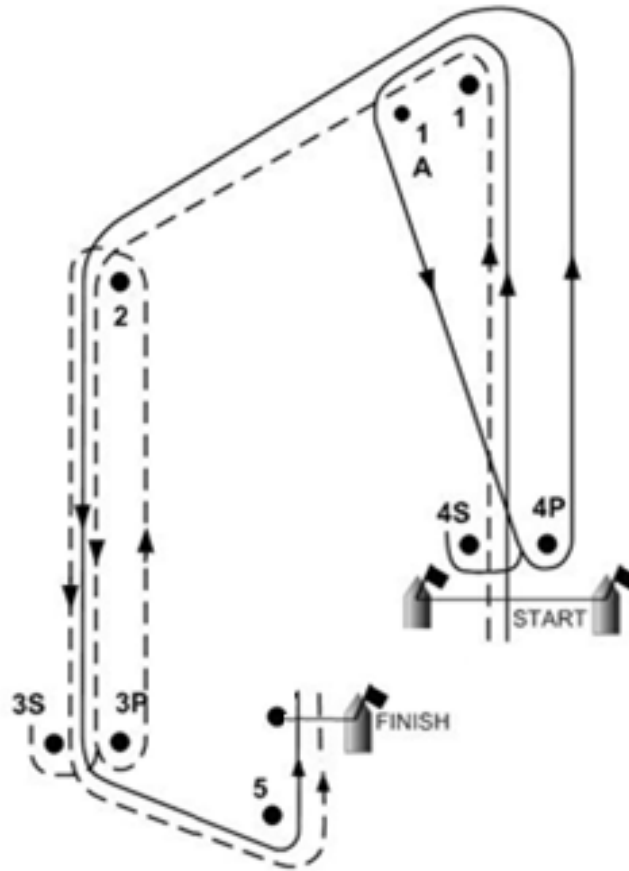
- 3.3 The final series fleets will be, as nearly as possible, of equal size but so that the Silver fleet is not larger than the Gold fleet and the Bronze fleet (where it exists) is not larger than the Silver fleet and the Emerald fleet (where it exists) is not larger than the Bronze fleet. Boats with the best qualifying series ranks will race all final series races in the Gold fleet; boats with the next best qualifying series ranks will race in the Silver fleet; boats with the next best qualifying series ranks will race in the Bronze fleet (where it exists); and boats with the next best qualifying series ranks will race in the Emerald fleet (where it exists).
- 3.4 Any recalculation of qualifying series ranking after boats have been assigned to final series fleets will not affect the assignments except that a redress decision may promote a boat to a higher fleet.
- 3.5 Different final series fleets need not complete the same number of final races. Boats assigned to Gold fleet will be ranked higher in the event than competitors assigned to Silver fleet and so forth, except for a boat disqualified from a final series race under RRS 6, or 69.

**SI ADDENDUM B – VENUE AND RACING AREA**



## SI ADDENDUM C- COURSE DIAGRAMS

**OUTER (dashed line): Start - 1 - 2 - 3s/3p (gate) - 2 - 3s/3p (gate) - 5 - Finish**  
**INNER (solid line): Start - 1 - 1a - 4s/4p (gate) - 1 - 2 - 3s/3p (gate) - 5 - Finish**





## SI ADDENDUM D – SUPPORT VESSEL REGULATIONS

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### D1. GENERAL

- 1.1 These Support Vessel Regulations (SVR) shall apply from first day of registration until the end of prize giving ceremony.
- 1.2 For the purposes of these regulations, a support vessel includes any vessel that is under the control or direction of a person who is or may provide physical or advisory support to an athlete, including the gathering of data that may be used at a later time.
- 1.3 The organizing authority may inspect vessels at any time to ensure that they comply with these regulations, and the person responsible for the vessel shall facilitate such inspection.
- 1.4 The organizing authority may change these regulations at any time. Any changes will be posted on the official notice board.
- 1.5 Support vessels and designated drivers register either at the registration office or race office either before leaving the venue by water for the first time or by 18:00 on the day before the first race of a competitor that it is supporting, whichever is earlier.
- 1.6 Each support vessel driver shall confirm registration of their vessels and submit the names and sail numbers of the boats they are supporting at the race office before the end of registration.
- 1.7 Each vessel shall be insured with valid third-party liability insurance with a minimum coverage of USD \$1,500,000 (or equivalent) per incident.
- 1.8 Only the registered person may be a designated driver.
- 1.9 The person registering the support vessel shall sign to confirm that:
  - 1.9.1 he / she holds a valid insurance certificate showing proof of third-party liability coverage as required by SVR 1.7;
  - 1.9.2 the designated driver has a motorboat driving license recognized by a national authority appropriate to that vessel;
- 1.10 Support vessels shall be marked as follows:
  - 1.10.1 The three-letter country code shall be clearly displayed on both sides of the vessel in strongly contrasting colours at all times while afloat;
  - 1.10.2 The minimum height for the letters shall be 200mm. The letters will not be provided by the organizing authority;
  - 1.10.3 A Support Vessel Numbered flag shall be supplied by the organising authority, and shall also be clearly displayed on the support vessel.

### D2. SAILING VENUE

- 2.1. Only support vessels that are registered will be allowed into the sailing venue.
- 2.2. When not in use, support vessels shall be appropriately berthed at the sailing venue in the allocated areas for support vessels for the entire time that these SVR apply.

### D3. SAFETY

- 3.1. Support vessels shall carry on board:
  - 3.1.1. Life jackets / buoyancy aid for all passengers and the driver;
  - 3.1.2. First-aid kit;
  - 3.1.3. VHF radio;
  - 3.1.4. Device for making a sound signal;





- 3.1.5. Compass;
- 3.1.6. Adequate anchor and tackle for conditions and depth
- 3.1.7. Tow rope (minimum 15m long and 10mm thick);
- 3.1.8. Operational engine kill cord (also known as a safety lanyard or automatic engine immobilizer);
- 3.1.9. Knife.
- 3.2. The kill cord shall be used at all times when the engine is running.
- 3.3. Support persons are responsible for overseeing the safety of their support vessels on the water, including knowledge of who is afloat and ensuring their safe return to the venue.
- 3.4. At all times, the registered driver(s) of a support vessel shall comply with directions given by a race official. In particular, this includes assisting in rescue operations when requested to do so.

#### **D4. GENERAL RESTRICTIONS**

- 4.1. The registered driver(s) of a support vessel will be responsible for the control of the vessel at all times and will be held responsible for any inappropriate behaviour, dangerous actions or improper practices, or actions affecting the fairness or safety of competition.
- 4.2. Support vessels shall not leave any device, piece of equipment, buoy, marker or similar item permanently in the water. Temporary use of floating objects is allowed for current measurement. These objects shall be removed as soon as the measurement has been taken.
- 4.3. Support vessels should take particular care to minimize their wash when transiting the course areas.

#### **D5. SUPPORT VESSEL ZONE**

- 5.1. Except when participating in rescue operations, support vessels shall:
  - 5.1.1. Stay at least 100 meters of any boat racing.
  - 5.1.2. Stay at least 100 meters of any mark (including race committee starting and finishing vessels) while boats are racing in the vicinity of that mark.
  - 5.1.3. When motoring above 5 knots - stay at least 150 meters from any boat racing.
  - 5.1.4. When boats are in the starting area – stay at least 100 meters from the starting line and marks from the time of the preparatory signal until all boats have left the starting area, or the race committee signals a postponement or abandonment.
  - 5.1.5. When any boat is racing to marks 1, 2, 3, or 4 – stay outside the area bounded by marks 1, 2, 3, and 4.
  - 5.1.6. When any boat is racing from mark 3 to mark 5 – stay at least 100 meters to leeward of the leg from mark 3 to mark 5.
  - 5.1.7. When any boat is racing from mark 5 to the finish or is finishing – stay at least 100 meters to starboard (looking upwind) of the leg from mark 5 to the starboard end of the finish line.