



NSC CUP SERIES 3
16 – 19 November 2019
Singapore Sailing Federation
National Sailing Centre, SGP

SAILING INSTRUCTIONS

*The notation '**[DP]**' in a rule in the SI means that the penalty for a breach of that rule may, at the discretion of the protest committee, be less than disqualification.*

***[NP]** denotes that a breach of this rule will not be grounds for a protest by a boat. This changes RRS 60.1(a).*

1 RULES

- 1.1 The regatta will be governed by the rules as defined in The Racing Rules of Sailing (RRS) 2017– 2020. Other document under RRS Definition: Rule (g) includes:
 - a) Regatta Support Vessel Regulations (SVR), see Attachment 5 **[DP]** **[NP]**
 - b) Marine Port Authority Singapore Regulation shall apply
- 1.2 The Penalty for a breach of the class rules may, at the discretion of the Protest Committee, be less than a disqualification. **[DP]**
- 1.3 The infringement of RRS Appendix G, IDENTIFICATION ON SAILS, shall not be grounds for protest by a boat. **[NP]**
- 1.4 RRS Appendix G3, CHARTERED OR LOANED BOATS, will apply.
- 1.5 RRS Appendix P, *Special Procedures for Rule 42*, will apply.
- 1.6 The Low Point System of RRS Appendix A will apply. RRS B8 is deleted.

2 CAMERAS AND ELECTRONIC EQUIPMENT **[DP] **[NP]****

Boats may carry or be required to carry cameras, sound equipment or positioning equipment as specified by the organizing authority. Information from this equipment shall not be used by a boat as evidence in a hearing. This changes RRS 63.6.

3 NOTICES TO COMPETITORS

- 3.1 Notices to competitors will be posted on the Official Notice Board (ONB) located at the multipurpose hall in National Sailing Centre (NSC).
- 3.2 Notices may also be posted online at <https://sailing.org.sg/events/nsc-cup-series-3-final/>. Failure to access a notice on the event website will not be grounds for redress. This changes RRS 62.1(a).

4 CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted at least 1 hour before the displaying of 'D' flag on the day it will take effect, except that any change to the schedule of races will be posted by 1900h on the day before it will take effect.

5 SIGNALS MADE ASHORE

5.1 Signals made ashore will be displayed on the flagstaff located within the boat park of National Sailing Centre. When a signal is displayed over a race area flag or class flag it applies to that area or class only.

5.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes' in the race signal AP.

5.3 Flag D with one sound means 'The warning signal will be made not less than 30 minutes after flag D is displayed. Boats shall not leave the harbour until this signal is made.' *[DP] [NP]*

6 FORMAT OF RACING

6.1 NSC Cup Series 3 will consist of a single series.

6.2 Boats in the Optimist Gold Fleet shall display a yellow ribbon. The ribbons may be collected from the Race control office and to be attached to the uppermost point of the sail whilst sailing. *[DP] [NP]*

7 SCHEDULE

7.1 Dates of racing:

Date	Time	Event	Venue
16 Nov 19	1000hr	Coach/Team Leaders' Meeting	Auditorium
	1030hr	Competitors Briefing	Auditorium
	1200hr	First warning signal of the day	Race Course Area
17 Nov 19	1000hr	Coach/Team Leaders' Meeting	Auditorium
	1200hr	First warning signal of the day	Race Course Area
18 Nov 19	1000hr	Coach/Team Leaders' Meeting	Auditorium
	1200hr	First warning signal of the day	Race Course Area
19 Nov 19	1000hr	Coach/Team Leaders' Meeting	Auditorium
	1015hr	Competitors Briefing (Beach Clean up)	Auditorium
	1030hr	Beach Clean up	Beach
	1200hr	First warning signal of the day	Race Course Area
	1700hr onwards	Prize presentation	Multi-purpose Hall

7.2 Number of races:

Category	Number of Races	Races per day
All single-handed classes	12	Not more than 4

7.3 The scheduled time of the warning signal for the first race each day is described in instruction 7.1.

7.4 On the last day of the regatta, no warning signal will be made after 1600h.

8 CLASS FLAGS

Class flags will be:

<i>Event</i>	<i>Class Insignia</i>	<i>Background colour</i>
<i>Optimist (Gold)</i>	<i>Optimist (Blue)</i>	<i>Yellow</i>
<i>Optimist (Silver)</i>	<i>Optimist (Red)</i>	<i>White</i>
<i>Laser 4.7</i>	<i>Laser</i>	<i>Green</i>
<i>Laser Radial</i>	<i>Laser</i>	<i>Yellow</i>
<i>Laser Standard</i>	<i>Laser</i>	<i>White</i>
<i>RS:One</i>	<i>RS:One Class</i>	<i>White</i>
<i>Bic Techno</i>	<i>Bic Techno</i>	<i>Yellow</i>

9 RACING AREAS

9.1 Attachment 1 shows the location of racing areas.

9.2 Classes are assigned to racing areas as follows:

<i>Dates</i>	<i>Area A</i>	<i>Area B</i>
16-19 Nov	<i>Lasers / Windsurfing</i>	<i>Optimist</i>

10 THE COURSES

10.1 For all Laser & Windsurfing classes, the diagrams in Attachment 2 show the courses, including the course signals, the order in which marks are to be passed, and the side on which each mark is to be left.

10.2 For Optimist (Gold & Silver Fleet) class, the diagram in Attachment 3 shows the course, including the order in which marks are to be passed, and the side on which each mark is to be left.

11 MARKS

11.1 Marks 1, 2, 3 and 4 will be as follows:

Area	Marks 1, 2, 3s, 3p, 4s, 4p	Mark 1a	New Mark	Starting line mark	Finishing line mark
A	Yellow Conical	Red spherical	White Spherical	Red Spherical	Blue Spherical (Laser) Yellow stick buoy (Windsurfing)
B	Orange Conical	Red spherical	White Spherical	Race Committee Vessel	Blue Spherical

11.2 A race committee vessel signalling a change of a leg of the course is a mark as provided in instruction 13.

11.3 If only one gate mark is in position, that mark shall be rounded to port.

12 THE START

12.1 For all classes except the Optimist class, the starting line will be between a staff displaying an orange flag on the starting mark at the starboard end and the course side of the port-end starting mark. For the Optimist class, the starting line will be between the staffs displaying an orange flag on the starting vessels.

12.2 To alert boats that a race or sequence of races will begin soon, the orange starting line flag will be displayed with one sound at least five (5) minutes before a warning signal is made.

12.3 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races. For the Optimist class, a waiting area as illustrated in the course diagrams in attachment 3. The waiting area will be demarcated by 2 pink marks. *[DP] [NP]*

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 and A5.

13 CHANGE OF THE NEXT LEG OF THE COURSE

13.1 To change the next leg of the course, the race committee will 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 Except at a gate, boats shall pass between the race committee vessel signalling the change of the next leg and the nearby mark, leaving the mark to port and the race committee vessel to starboard. This changes RRS 28.

13.3 In the event of a change of course for a windward leg, the offset mark will not accompany the change mark.

14 THE FINISH

The finishing line will be between a staff displaying a blue flag on the finishing vessel at the port end and the finishing mark on the starboard end, except if the finish leg is an upwind leg, whereby the finishing vessel will be at the starboard end and a finishing line mark on the port end.

15 PENALTY SYSTEM

- 15.1 Appendix P will apply as changed by instruction(s) 15.2 and 15.3.
- 15.2 RRS P2.3 will not apply and RRS P2.2 is changed so that it will apply to any penalty after the first one.
- 15.3 For the Optimist class, a graded penalty system as set out in Attachment 4 will apply.

16 TIME LIMITS AND TARGET TIMES

- 16.1 The time limits and target times are as follows:

<i>Class</i>	<i>Time Limit</i>	<i>Mark 1 Time Limit</i>	<i>Finish Window</i>	<i>Target Time</i>
<i>All Classes except Optimist Silver & Windsurfing</i>	<i>70 min</i>	<i>30 min</i>	<i>20 min</i>	<i>50 min</i>
<i>Optimist Silver Fleet</i>	<i>70min</i>	<i>30 min</i>	<i>30 min</i>	<i>40 min</i>
<i>Windsurfing</i>	<i>45 min</i>	<i>15 min</i>	<i>15 min</i>	<i>30 min</i>

- 16.2 If no boat has passed Mark 1 within the Mark 1 Time Limit, the race will be abandoned. Failure to meet the target time will not be grounds for redress. This changes RRS 62.1(a).
- 16.3 For all classes except for Optimist and Laser 4.7, boats failing to finish within the Finish Window after the first boat sails the course and finishes will be scored Did Not Finish (DNF) without a hearing. This changes RRS 35, A4 and A5.
- 16.4 For Optimist and Laser 4.7 only, boats still racing after the finish windows closes after the first boat sails the course and finishes, and not thereafter retiring, being penalised or given redress, will be scored Time Limit Expired (TLE, see Scoring SI 18.4) without a hearing. This changes RRS 35, A4, A5 and A11.

17 PROTESTS AND REQUESTS FOR REDRESS

- 17.1 Add to RRS 61.1(a) "The protesting boat shall inform the Race Committee of the boat/s being protested at the finishing line as soon as possible after finishing."
- 17.2 Protest and request for redress or reopening shall be in writing and delivered to the Race Control Office or submitted online via the event website within the appropriate time limit. Physical hardcopy forms are available at the Race Control Office.
- 17.3 For each class, the protest time limit is 60 minutes after the last boat has finished the last race of the day, or the race committee signals no more racing today, whichever is later.
- 17.4 Notices will be posted no later than 30 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. Hearings will be held in the protest room, located at second level of the National Sailing Centre, beginning at the time posted.

- 17.5 Notices of protests by the race committee, technical committee or protest committee will be posted to inform boats under RRS 61.1(b).
- 17.6 A list of boats that have been penalized under Appendix P will be posted.
- 17.7 On the last scheduled day of racing a request for redress from a protest committee decision shall be delivered no later than 30 minutes after the decision was posted. This changes RRS 62.2.

18 SCORING

- 18.1 Three (3) races are required to be completed to constitute a regatta.
- 18.2 (a) When fewer than 5 series races have been completed, a boat's series score will be the total of her race scores.
- (b) When 5 or more series races have been completed, a boat's series score will be the total of her race scores excluding her worst score.
- 18.3 To request correction of an alleged error in posted race or series results, a boat may complete a scoring enquiry form available at the race office or online via the event website. On the last scheduled day of the single series, a request for scoring enquiry shall be delivered no later than 30 minutes after the results had been posted or by the protest time limit, whichever is later.
- 18.4 A boat scored TLE will be scored points equal to the number of boats finishing within the time limit plus two points, but not worse than DNF. This changes RRS 35, A4, A5 and A11.

19 SAFETY REGULATIONS

- 19.1 Sign-On and Sign-Off Procedures *[NP]*:

Each boat shall personally sign-on on the forms provided at the Race Office prior to launching. After arriving on shore, each boat shall personally sign-off on the forms provided within the protest time limit.

The penalty for infringing this instruction will result in a scoring penalty of 5% as calculated by RRS 44.3(c), for the first race of that day if the boat fails to sign-on and of the last race of that day if the boat fails to sign-off, without a hearing. This changes RRS 63.1, A4 and A5.

- 19.2 All competitors are required to wear personal flotation devices at all times whilst afloat, except briefly while changing or adjusting clothing or personal equipment. This changes RRS 40. *[DP][NP]*
- 19.3 A boat that retires from a race shall notify the Race Committee as soon as possible. *[DP]*

20 REPLACEMENT OF CREW OR EQUIPMENT *[DP] [NP]*

- 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 in writing by the Race Committee. Requests for substitution shall be made to the Race Committee at the first reasonable opportunity by filling in a relevant form at the Race Office or online via the event website.

20.3 Repairs or replacements may be made on the water before or between races provided that the Race Committee afloat is notified, and approval granted by the committee before the next race.

21 EQUIPMENT AND MEASUREMENT CHECKS

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 protest committee to proceed immediately to a designated area for inspection.

22 OFFICIAL VESSELS

Official vessels will be marked as follows:

Jury/Judges – White flag with letter “J”

Race Committee – Yellow flag with black letter corresponding to course area

Rescue or Course Marshals – Pink flag with numbering

Media boat – White flag with ‘MEDIA’

Principal Race Officer – White flag with ‘PRO’

23 SUPPORT VESSEL [DP][NP]

Support Vessel Regulation (SVR) shall apply. Please see attachment 5.

24 TRASH DISPOSAL [DP] [NP]

Trash may be placed aboard support or official vessels.

25 BERTHING [NP]

Boats shall be kept in their assigned places in the boat park.

26 RADIO COMMUNICATION [DP] [NP]

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 all mobile telephone.

27 PRIZES

Prizes will be given as follows:

Event	Category	Prizes
Optimist	Gold Fleet Open	1 st to 3 rd
	Silver Fleet Open	1 st to 5 th
	Gold Fleet 12 years old and under (born 2007 or later)	
Byte	Open	1 st to 3 rd
	Girls	
Laser 4.7	Open	1 st to 3 rd
Laser Radial		
Laser Standard		
29er	Open	1 st to 3 rd
Nacra15	Open	1 st to 3 rd
RS:X	Open	1 st to 3 rd
RS:One		
Bic Techno		

26 DISCLAIMER OF LIABILITY

Competitors participate in the regatta entirely at their own risk. See RRS 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.

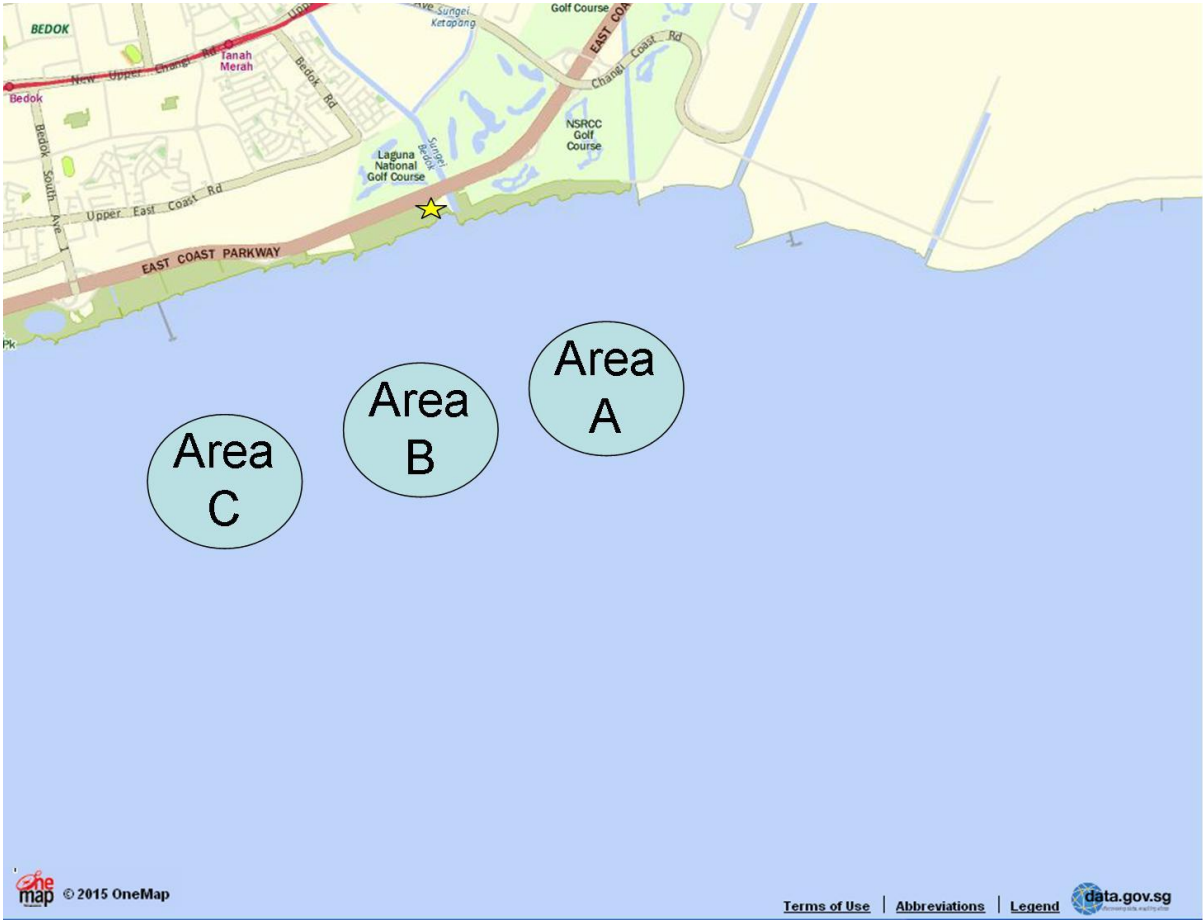
27 INSURANCE [NP]

Each participating boat shall be insured with valid third-party liability insurance.

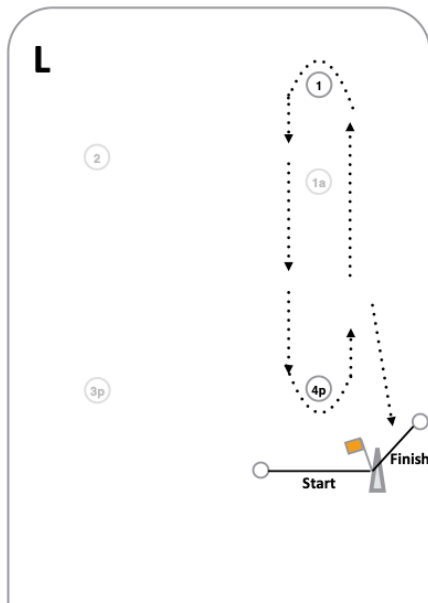
28 RIGHTS TO USE NAME AND LIKENESS

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.

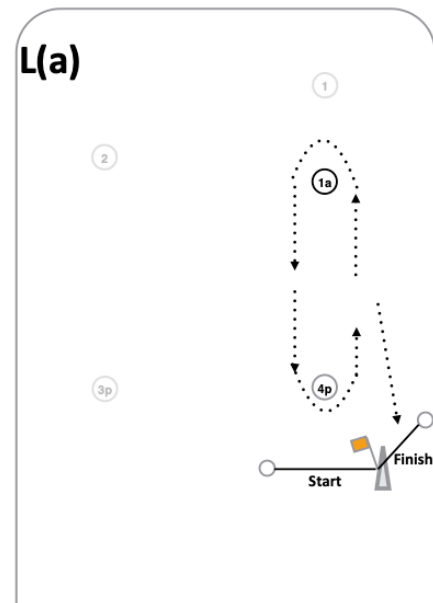
Attachment 1



Attachment 2 Course Diagram Windsurfing

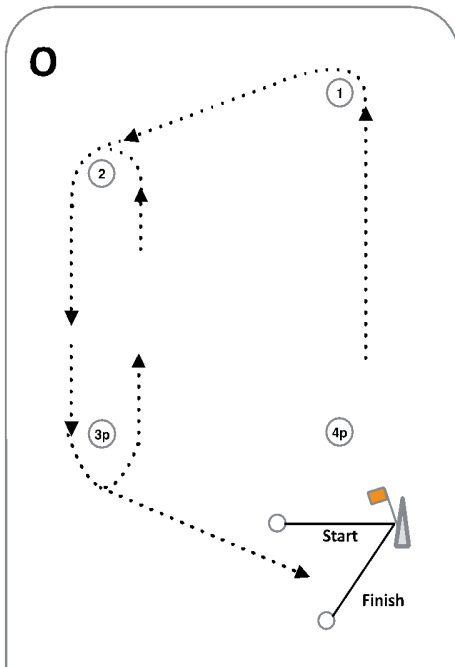


Signal	Mark Rounding Order
L 1	Start - 1 - Finish
L 2	Start - 1 - 4p - 1 - Finish
L 3	Start - 1 - 4p 1 - 4p - 1 - Finish
L 4	Start - 1 - 4p - 1 - 4p - 1 - 4p - 1 - Finish

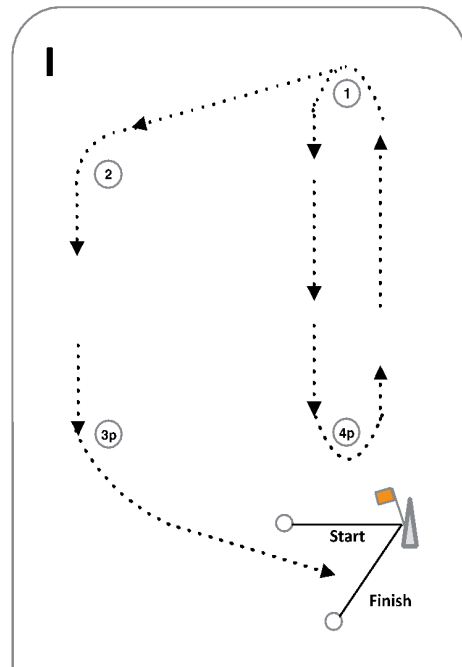


Signal	Mark Rounding Order
La1	Start - 1a - Finish
La2	Start - 1a - 4p - 1a - Finish
La3	Start - 1a - 4p 1a - 4p - 1a - Finish
La4	Start - 1a - 4p - 1a - 4p - 1a - 4p - 1a - Finish

Course Diagram for Laser



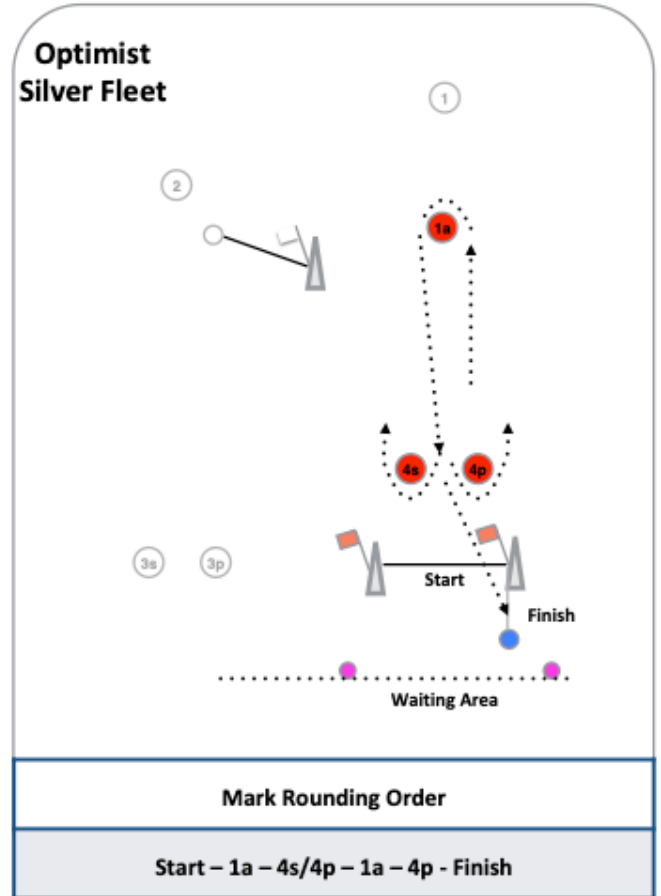
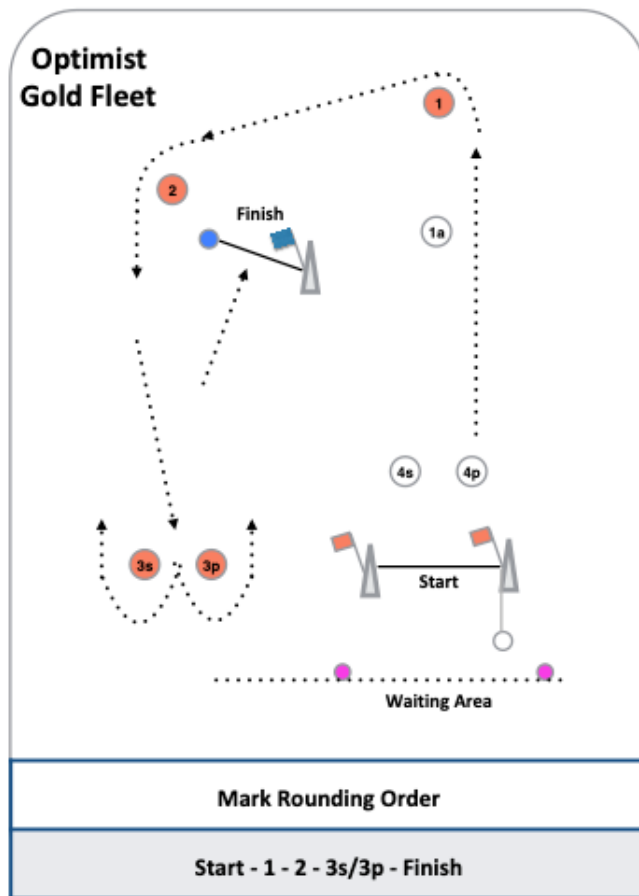
Signal	Mark Rounding Order
O 2	Start - 1 - 2 - 3p - 2 - 3p - Finish
O 3	Start - 1 - 2 - 3p - 2 - 3p - 2 - 3p - Finish
O 4	Start - 1 - 2 - 3p - 2 - 3p - 2 - 3p - 2 - 3p - Finish



Signal	Mark Rounding Order
I 2	Start - 1 - 4p - 1 - 2 - 3p - Finish
I 3	Start - 1 - 4p - 1 - 4p - 1 - 2 - 3p - Finish
I 4	Start - 1 - 4p 1 - 4p - 1 - 4p - 1 - 2 - 3p - Finish

Attachment 3

Course Diagram for Optimist



Attachment 4

Graded Penalty System – Optimist Class

Minor (technical) penalties

Penalty approximately equal to 5% of fleet

- Breaches of SI 19 Safety Regulations if no danger was involved

Intermediate penalties

Penalty equivalent to 10% of fleet

- Baler not attached to the hull (CR 4.3)
- Paddle not attached to the hull (CR 4.3)
- Daggerboard not attached to the hull (CR 3.3.4)
- Painter not attached to the mast step or mast thwart (CR 4.3)
- Whistle not attached to personal flotation device (CR 4.2)
- Breaches of SI 24 Trash disposal
- One sail tie more than 5mm loose (CR 6.6.3.4)
- Two sail ties more than 3mm loose (CR 6.6.3.4)
- Accidental loss of sail tie (CR 6.6.3.4)
- Sailing across a race in progress before starting or after finishing
- Waiting before starting outside the waiting area

Major penalties

Penalty equivalent to 30% of fleet

- No bailer, paddle or painter in boat (CR 4.3)
- No whistle (CR 4.2)
- No lanyard, locking device or other arrangement to attach mast to the hull (CR 3.5.2.11)
- Sail outside limits of bands (CR 3.5.2.7)
- Two ties looser than 5 mm (CR 6.6.3.4)
- Three or more ties looser than 3 mm (CR 6.6.3.4)
- Throat, tack or clew eyelet more than 3mm loose (CR 6.6.3.4)
- Repeated intermediate penalty

Disqualification (as per RRS)

- All RRS except as amended
- All SI except as amended
- All Optimist Class Rules except as amended
- Use of uninspected equipment
- Use of unapproved fittings
- Repeat of major penalty infringement

Attachment 5

REGATTA SUPPORT VESSEL REGULATIONS (SVR) [NP] [DP]

1. GENERAL

- 1.1. This Regatta Support Vessel Regulation shall apply at all times while support persons are at the venue or on the field of play.
- 1.2. For the purposes of these regulations, a coach 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. An alleged breach of any of these regulations may be referred to the Jury for a hearing. As a result of the hearing the Jury may take action under RRS 64.4 or exclude the person from the event or venue or remove any privileges or benefits for a specified period or for the remainder of the competition. Note also, action may be taken under RRS 69.2.
- 1.5. The Organizing Authority may change these regulations at any time. Any changes will be posted on the Official Notice Board.
- 1.6. The Organizing Authority may, at its discretion, refuse to register coach vessels not deemed to be suitable. Generally, open vessels more than 4.0m and less than 7.5m in length and having minimal or no superstructure (cabin, coach house, bridge, etc.) are considered suitable.
- 1.7. All support vessels shall register at the regatta office before the first race and collect identification flag, to be displayed at all time whilst on water.
- 1.8. Support vessels designated drivers shall attend Coach/Team Leaders' Safety Meeting held in the auditorium daily.
- 1.9. Each vessel shall be insured with valid third-party liability insurance with a minimum coverage of S\$ 1,500,000 (or equivalent) per incident.
- 1.10. Only registered persons may be designated drivers.
- 1.11. The person registering the coach vessel shall confirm that:
 - a) A valid insurance certificate showing proof of third-party liability coverage as required by 1.8 has been obtained; and
 - b) Each designated driver has a motorboat-driving license recognized by a national authority appropriate to that vessel or PPCDL.

2. SAILING VENUE

- 2.1. Coach vessels shall use the designated slipway/area for launching. Once launched, trailers shall be moved immediately to the trailer park or as otherwise directed by the Organising Authority.
- 2.2. When not in use, coach vessels shall be appropriately berthed at the sailing venue in the allocated areas for coach vessels for the entire time that these SVR apply.

3. SAFETY

- 3.1. Coach vessels shall carry on board:
 - a) life jackets / buoyancy aid for all passengers and the driver;
 - b) first-aid kit;
 - c) VHF radio;
 - d) device for making a sound signal;
 - e) adequate anchor and tackle for conditions and depth;

- f) operational engine kill cord (also known as a safety lanyard or automatic engine immobiliser);
- g) hand pump or bailer;
- h) any additional safety equipment required by local maritime law.

Life jackets or PFD must be worn at all times when afloat. The kill cord must be used at all times when the engine is running.

- 3.2. The maximum plated / certified passenger limits for the vessel shall never exceed.
- 3.3. Team leaders are responsible for overseeing the safe operation of their coach vessels on the water, including knowledge of who is afloat and ensuring their safe return to the venue.
- 3.4. At all times, support persons including the registered driver(s) of a coach vessel shall comply with directions given by or under the authority of a Race Official. This includes assisting in rescue operations when requested to do so.
- 3.5. Coach vessels shall comply with local harbour and marina regulations, including speed limits.

4. GENERAL RESTRICTION

- 4.1. The registered driver(s) of a coach vessel will be responsible for the control of the vessel at all times and will be held responsible for any inappropriate behavior, dangerous actions or improper practices, or actions affecting the fairness or safety of competition.
- 4.2. Support staff 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. Coach vessels shall take particular care to minimise their wash when transiting the course areas.

5. DRONES

The use of drones is prohibited.

6. SUPPORT VESSEL RESTRICTED AREA

- 6.1. Support vessels shall stay outside areas where vessels are racing and shall not be:
 - a) closer than 100m to any vessel racing;
 - b) within 100m to leeward of the starting line or within 100m of its marks from the time of the preparatory signal until all boats have left the starting area or the Race Committee signals a postponement, general recall or abandonment;
 - c) between any boat racing and the next mark of the course;
 - d) between the inner and outer trapezoid courses when boats are racing on both courses;
 - e) within 100m of any mark of the course while boats are in the vicinity of that mark; and
 - f) within 100m of the finishing line and marks while boats are finishing.
- 6.2. Support vessels should proceed around the racing area in such a way to minimise the effect their wash will have on boats racing. vessels that are motoring above five knots shall remain at least 100m from any boat racing.
- 6.3. Between sequences of races or when all racing for that Course Area has been postponed or abandoned, support vessels may enter the Course Area to service their athletes but shall restrict their speed to five knots. If further racing is to take place, support vessels shall then comply with the applicable SVR.