



**Presented by**  
**driveHG**

**2022**

**Race 1 - Course Race – Sun, June 5, 2022**

**Races 2 & 3 -Coastal Race Weekend – Sat. June 18 & Sun. June 19,**

**Race 4 - Long Distance Race – Sat. Aug. 20/Sun. Aug. 21**

**Races 5 & 6 - PCYC/DYC Weekend – Sat. Sep. 17 & Sun. Sep. 18**

**Organizing Authority**

**Lake Ontario Offshore Racing of the Port Credit Yacht Club**

[www.loor.ca](http://www.loor.ca)

**Sailing Instructions**

**Version 4**

**Published on 2022-08-15**

**With Amendments 1, 2, & 3**

## **AMENDMENTS**

<b>#</b>	<b>DATE</b>	<b>SECTION</b>	<b>CHANGE</b>
1	2022-06-01	10.1	Updated position of “PCYC Finish Mark for Onshore Finish” to reflect actual deployment
2	2022-06-15	8.3	Races 2 & 3 Participants to be held on Zoom at 1900 EDT, Thursday, June 16, 2022
3	2022-08-15	9.4	Added in Niagara Bar Lighted Buoy 2
3	2022-08-15	10.1	Added description for Burlington Weather Tower, AKA Van Wagners Beach Light

# SAILING INSTRUCTIONS

*The notation '[DP]' in a rule in the Notice of Race (NoR), Sailing Instructions (SIs) or other additional document that is a rule means that the penalty for a breach of that rule may, at the discretion of the protest committee, be less than disqualification.*

*The notation '[NP]' in a rule in the Notice of Race (NoR), Sailing Instructions (SIs) or other additional document that is a rule means that the penalty for a breach of that rule will not be grounds for a protest by a sailboat.*

The Racing Rules of Sailing (RRS) 2021-2024 state that items, *Rules*, and the Notice of Race (NoR) do not have to be repeated in Sailing Instructions (SIs). Both the NoR and SIs describe the conduct of the event and need to be used jointly during the event.

## 1 The RULES

1.1 See Notice of Race (NoR).

1.2 Waypoints

1.2.1 If a mark to be rounded is a waypoint, the Racing Rules of Sailing (RSS) are amended by the World Sailing Appendix WP, RULES FOR RACING AROUND WAYPOINTS, attached to these SIs and available at [www.sailing.org/tools/documents/AppendixWPRulesforRacingAroundWaypoints-\[19996\].pdf](http://www.sailing.org/tools/documents/AppendixWPRulesforRacingAroundWaypoints-[19996].pdf)

1.2.2 Each waypoint has an associated rounding/passing quadrant defined as the area enclosed between two bearing lines (with 90° between them) extending from the waypoint. The bearing lines are specified with each waypoint designated in these Sailing Instructions. A boat that provides a valid GPS fix within this quadrant is deemed to have rounded or passed the waypoint on the correct side

1.2.3 GPS Datum. All GPS positions specified, or required to be reported, in these Sailing Instructions shall use the WGS84 Datum.

## 2 CHANGES TO SAILING INSTRUCTIONS

2.1 Any change to the sailing instructions will be posted before 0900 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.

## 3 COMMUNICATIONS WITH COMPETITORS.

3.1 Notices to competitors will be posted on the official notice board located at [https://yachtscoring.com/notice\\_board.cfm?eid=14883](https://yachtscoring.com/notice_board.cfm?eid=14883)

3.2 The race office is located virtually: 1-866-462-8828, [racecommittee@loor.ca](mailto:racecommittee@loor.ca).

3.3 [DP] Radio Communications

- 3.3.1 Marine VHF Channel 71 Canadian shall be used by the Race Committee for radio communication during the race.
- 3.3.2 Each sailboat shall monitor VHF Channel 71 from 30 minutes before her warning signal until one hour after her start, and from approximately one hour before finishing or 5 NM from the Finish, which ever occurs later, until 30 minutes after finishing.
- 3.3.3 Sailboats are encouraged to talk to other sailboats in the race on marine VHF channel 71 throughout the race, especially at 1000 and 2200 EDT.
- 3.3.4 Sailboats shall monitor marine VHF channel 16 at all other times.

**4 CODE OF CONDUCT**

- 4.1 [DP] Competitors and support persons shall comply with reasonable requests from race officials.
- 4.2 [DP] Competitors and support persons shall handle any equipment or place advertising provided by the organizing authority with care, seamanship, in accordance with any instructions for its use and without interfering with its functionality.

**5 SIGNALS MADE ASHORE**

- 5.1 Signals made ashore will be displayed on the main flagpole of the PCYC.
- 5.2 When flag AP is displayed ashore, ‘1 minute’ is replaced with ‘not less than 60 minutes’ in Race Signals AP.

**6 SCHEDULE OF RACES**

- 6.1 The first warning signal is at

RACE	PARTICIPANTS MEETING		RACE 1 <sup>ST</sup> WARNING	LOOR OSR CATEGORY
	DATE & TIME	LOCATION		
Race 1	2030 Thursday June 2 <sup>nd</sup>	Zoom	11:25 Sun. June 5 <sup>th</sup>	4
Race 2	1900 Thu. June 16 <sup>th</sup>	Zoom	09:55 Sat. June 18 <sup>th</sup>	4
Race 3			09:55 Sun. June 19 <sup>th</sup>	4
Race 4	19:30 Fri. Aug. 19 <sup>th</sup>	PCYC	09:55 Sat. Aug. 20 <sup>th</sup>	3
Race 5	19:30 Fri. Sep. 16 <sup>th</sup>	PCYC	09:55 Sat. Sep. 17 <sup>th</sup>	4
Race 6		PCYC	09:55 Sun. Sep. 18 <sup>th</sup>	4

- 6.2 Classes, division, and fleet splits and starting sequences, including class flags, for RRS 26, shall be made available no later than 1200 EDT Thursday, June 2, 2022, on the [Official Notice Board](#). They may be

published earlier. The assignment of participants to a division, fleet or class is subject to change.

## 7 CLASS FLAGS

7.1 See 6.2 for class flags for RSS 26.

7.2 Sailboats shall fly the listed numeral pennant, for their class, PHRF rating for which they are racing, from their backstay or other prominent position if she has no backstay. The required numeral pennants, from 0 to 9 inclusive, shall be posted by 1500 EDT, Thursday, June 2, 2022, on the Race Document Web Site under SPLITS & STARTING SEQUENCES.

## 8 RACING AREA

8.1 The race will occur in western Lake Ontario. [See Event Guide and Supplementary Information](#)

## 9 THE COURSES

9.1 Race 1 – Short Course

<b>Start</b>	LOOR Start Area	-
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to port
To	TE18 Gibraltar Point Buoy	Left to starboard
<b>To Finish</b>	EYC/MCC Racing Mark 5	-

The approximate distance is 15.5 NM.

9.2 Race 2

The course to be sailed will be signaled from the Race Committee Vessel by displaying the flag designating the course before the first warning signal.

9.2.1 RC Option 1 - 24 NM- Designated by Code Flag Delta

<b>Start</b>	LOOR Start Area	-
To	OYS Mark <b>2</b>	Left to port
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	-

9.2.2 RC Option 2 - 18 NM- Designated by Code Flag Echo

<b>Start</b>	LOOR Start Area	-
To	OYS Mark <b>1</b>	Left to port
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	-

9.2.3 RC Option 3 - 14 NM- Designated by Code Flag Foxtrot

<b>Start</b>	LOOR Start Area	-
To	OYS Mark <b>3</b>	Left to port
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	-

9.2.4 RC Option 4 - 6 NM- Designated by Code Flag Golf

<b>Start</b>	LOOR Start Area	-
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to starboard
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	-

9.3 Race 3

The course to be sailed will be signalled from the Race Committee Vessel by displaying the flag designating the course before the first warning signal.

9.3.1 RC Option 1 - 19 NM- Designated by Code Flag Delta

<b>Start</b>	LOOR Start Area	-
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to port
To	MCC/EYC Mark 5	Left to starboard
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to starboard
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	

9.3.2 RC Option 2 - 14 NM- Designated by Code Flag Echo

<b>Start</b>	LOOR Start Area	-
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to port
To	MCC/EYC Mark 5	Left to port
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	

9.3.3 RC Option 3 - 9 NM- Designated by Code Flag Foxtrot

<b>Start</b>	LOOR Start Area	-
To	MCC/EYC Mark 5	Left to port
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC	

	Shore Station	
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9.3.4 RC Option 4 - 11 NM- Designiated by Code Flag Golf

<b>Start</b>	LOOR Start Area	-
To	<i>Waypoint</i> Whiskey	Left to port
<b>To Finish</b>	PCYC Finish Mark for Onshore Finish & PCYC Shore Station	

9.4 Race 4 – Long Distance Race

<b>Start</b>	LOOR Start Area	-
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to port
To	TE18 Gibraltar Point Buoy	Left to port
To	driveHG Mark {Fogh Clarkson Mark (LSYC)}	Left to port
To	Niagara Bar Lighted Buoy 2	Left to starboard
To	Burlington Weather Tower, AKA Van Wagners Beach Light	Left to starboard
<b>To Finish</b>	PCYC Finish Mark for <b><i>Onshore Finish</i></b> & PCYC Shore Station	-

The approximate distance is 92 NM.

9.5 Race 5 – PCYC to DYC

<b>Start</b>	PCYC Start Mark	-
<b>To Finish</b>	DYC Finish Mark	-

The approximate distance is 25 NM.

9.6 Race 6 – DYC to PCYC

<b>Start</b>	DYC Start Mark	-
<b>To Finish</b>	PCYC Finish Mark for <b><i>On-water Finish</i></b>	-

The approximate distance is 25 NM.

**10 MARKS**

MARK REFERENCE	TYPE	DESCRIPTION
Burlington Weather Tower, AKA Van Wagners Beach Light	Mark	A tower with a flashing yellow light located at approximately 43° 16.22' N 079° 45.56' W.
driveHG Mark {Fogh Clarkson Mark (LSYC)}	Mark	Located approximately at 43° 30.64' N, 079° 33.65' W
DYC Finish Mark	Mark	The DYC Mark 3, a white plastic drum, approximately at 43° 13.25' N, 079° 16.21' W which is approximately 0.7 NM on bearing 165° from the entrance to Dalhousie harbour.
DYC Start Mark	Mark	The DYC Mark 3, a white plastic drum, approximately at 43° 13.25' N, 079° 16.21' W which is approximately 0.7 NM on bearing 165 0 from the entrance to Dalhousie harbour.
EYC/MCC Racing Mark 5	Mark	A drum mark with number 5, approximately at 43° 35.06' N, 079° 27.28' W
LOOR Start Area	Mark	0.9 NM on a bearing of 080° magnetic from the entrance to the harbour at Port Credit Yacht Club located at approximately 43° 33.95' N 079° 32.32 W
Niagara Bar Lighted Buoy 2	Mark	A red buoy marked "2", with a flashing red light (4s.), located at approximately 43°19.040'N, 79°04.235'W, 3.4 NM north of the light at Fort Niagara. ( <i>Niagara Bar light buoy 2</i> )
OYS Mark <b>1</b>	Mark	A yellow barrel mark with red stripes and the number <b>1</b> approximately at 43 25.842 N 79 39.728 W
OYS Mark <b>2</b>	Mark	A yellow barrel mark with red stripes and the number <b>2</b> approximately at 43 23.631 N 079 41.338 W
OYS Mark <b>3</b>	Mark	A yellow barrel mark with red stripes and the number <b>3</b> approximately at 43 27.778 N 079 37.561 W

PCYC Finish Mark for <b>Onshore Finish</b>	Mark	A white buoy with orange stripes and fixed low intensity amber (yellow) light, lighted only overnight, approximately 140 mag 0.13 NM from the shore station approximately at 43° 33.666' N 079° 33.310' W. See Diagram 2, The Finish - Onshore. Race Committee may post the actual set location on the Official Notice Boards
PCYC Finish Mark for <b><u>On-water Finish</u></b>	Mark	A yellow inflatable mark approximately at 43° 33.393' N 079° 33.020' W
PCYC Race Committee Shore Station	Mark	A mast flying orange and blue flags, located on the headland immediately west of the entrance to the harbour at PCYC approximately at 43° 33.76' N 079° 33.45' W. See Diagram 2 The Finish – Onshore
TE18 Gibraltar Point Buoy	Mark	A red buoy with a flashing red light located just off the Toronto Islands located at approximately 43° 36.32' N, 079° 23.50' W.
<i>Waypoint Whiskey</i>	Waypoint	43° 27.9416' N 079° 32.8802' W  Rounding quadrant between bearing lines 095° and 005° MAGNETIC to the waypoint.

[www.sailing.org/tools/documents/GuidanceonRacingAroundWaypoints-\[19997\].pdf](http://www.sailing.org/tools/documents/GuidanceonRacingAroundWaypoints-[19997].pdf)

10.2 Marks as listed, above, should be at the identified latitude and longitude location. If a mark is not at the identified latitude and longitude location, or otherwise cannot be seen due to poor visibility, then the sailboat shall round the identified latitude and longitude location as indicated in the Sailing Instructions and continue with the race.

10.3 A record shall be entered in the sailboat's log detailing the timeline and efforts made to find the mark and the time that the mark's identified latitude and longitude was deemed to have been rounded. This record must be submitted as per the Notice of Race (NoR).

10.4 The sailboat's GPS tracking record shall be saved and provided for evidentiary review by the Race Committee on request.

## 11 OBSTRUCTIONS & EXCLUSION ZONES

11.1 None.

## 12 THE START

12.1 Races will be started by using rule 26, with an interval of at least one minute



between a starting signal and the warning signal for the next start.

- 12.2 The starting line will be between an inflatable mark and the halyard carrying an orange flag on the Race Committee signal vessel.
- 12.3 After the first warning signal and prior to her warning signal, a sailboat shall keep clear of the starting area that extends one-quarter of the length of the starting line ahead of and behind the starting line. It shall also extend one-quarter of the length of the starting line past the end of the starting line; see Diagram 3, The Starting Area.
- 12.4 *If and only if, code flag "L" is displayed*, on the Race Committee Signal Vessel, sailboats shall sail on starboard tack close to the stern of the Race Committee Signal Vessel and shall report its sail number. Check in will not be complete until the Race Committee acknowledges the sailboat. Check in by VHF radio or cell phone may not be accepted.
- 12.5 [NP] Any sailboats starting within the time limit and if the Race Committee is no longer on station, shall radio the Race Committee VHF Channel 71 Canadian when she is starting.

### **13 THE FINISH**

- 13.1 The finish is between the Finish Mark and the blue & orange flag at the Race Committee Shore Station or on the Race Committee Signal Vessel.
- 13.2 Each sailboat shall call/hail the Race Committee Shore Station approximately three (3) NM from the finish on VHF Channel 71 Canadian. Sailboats are required to maintain radio contact with the shore station throughout the finish to ensure correct identification of the finishing sailboat, until 30 minutes after finishing, whether day or night. When finishing between sunset and sunrise, all sailboats shall announce their sail numbers, immediately prior to finishing, and record their finish time.
- 13.3 After a sailboat has finished, the Race Committee may acknowledge the completion by providing the sailboat's finish time or other signal. This acknowledgement, the failure to make the acknowledgement or its order, will not be grounds for a request for redress. This changes RRS 62.1 (a).
- 13.4 In the absence of the Race Committee at the finish line, a yacht shall take her own finishing time and notify the Race Committee at the finish by VHF radio, phone call to race committee phone number or email to race committee email. The report shall be submitted with four (4) hours.
- The recommended approach is to take a photograph of a GPS screen showing the time and position and submitting to the Race Committee email address.
- 13.5 If there is no longer an established finishing line, the finish shall be a line extending from the finishing mark at right angles to the course from the last mark and of less than 75 yards in length in either direction from the mark.
- 13.6 If neither the Race Committee Vessel is on station at the finish nor is there

a Finish Mark, the finish shall be a line extending from the identified latitude and longitude location of the Finish Mark, as indicated in the Sailing Instructions, at right angles to the course from the last mark and of less than 75 yards in either direction from the identified latitude and longitude location of the Finish Mark.

## **14 PENALTY SYSTEM**

14.1 The Scoring Penalty, RRS 44.3, applies.

## **15 TIME LIMITS**

15.1 There is no time limit.

## **16 HEARING REQUESTS.**

16.1 Protests shall be filed using online submission feature available after logging into the Owner's Corner on Race Document and Registration Web Site, within two hours of a sailboat's finish. See [Event Guide and Supplementary Information](#) on web site area for submission

16.2 Notices of protests by the Race Committee or Protest Committee will be posted to inform boats under rule 61.1(b) on the [Official Notice Board](#).

16.3 Hearings will be scheduled to take place at either at PCYC or virtually, as required.

## **17 SCORING**

17.1 Solo/Single-Handed (SH), Double-Handed (DH) & Fully Crewed (FC) sailboats will race under following rating/handicap systems:

Multihull	GLMRA Rule applies
PHRF-LO	PHRF-LO Time on Time formula applies

17.2 Sailboats will be scored in their own classes.

17.3 The Organizing Authority reserves the right to adjust the scratch sailboat when converting the PHRF-LO Time on Distance to Time on Time based on the registrations received by the deadline. The Time-on-Time ratings will be published along with the division splits.

17.4 See Notice of Race (NoR) for series scoring.

## **18 SAFETY REGULATIONS**

18.1 [NP] Sailboats are encouraged to implement their own check-in process and with individuals ashore via phone email or other mechanism.

18.2 A sailboat withdrawing from the race shall wear her ensign and keep clear of other competitors.

18.3 [DP] The Race Committee shall be notified of a sailboat's withdrawal at the earliest possible opportunity on VHF Channel Canadian 71, at the following telephone number 1-866-462-8828, or at the email address of

[racecommittee@loor.ca](mailto:racecommittee@loor.ca).

- 18.4 Sailboats may check in with the Race Committee at any time during the race to advise the Race Committee of their position at 1-866-462-8828 or the email address of [racecommittee@loor.ca](mailto:racecommittee@loor.ca) .
- 18.5 Failure of a sailboat to make every reasonable effort, under the circumstances, to comply with SI 18.3, may result in protest by the Race Committee. The results of this hearing may be used by the Organizing Authority whether to accept future registrations by this sailboat or owner.
- 18.6 All sailboats racing shall be required to maintain a log of significant events, mark rounding, calls to the Coast Guard, and engine on and off for charging only. This record must be submitted as per Notice of Race (NoR) for Category 3 events.

## **19 EQUIPMENT AND MEASUREMENT CHECKS**

[NP] [DP] A sailboat may be inspected at any time during the period from the Mandatory Participants' Meeting until three hours after her finish. The Race Committee may, at the finish of the race, direct a sailboat to proceed directly to a designated location at Port Credit Yacht Club. A boat which fails to follow such directions, or which subsequently fails the inspection may be protested by the Technical Committee.

## **20 PRIZES**

Prizes will be given as listed on the NoR or at [www.loor.ca](http://www.loor.ca) .

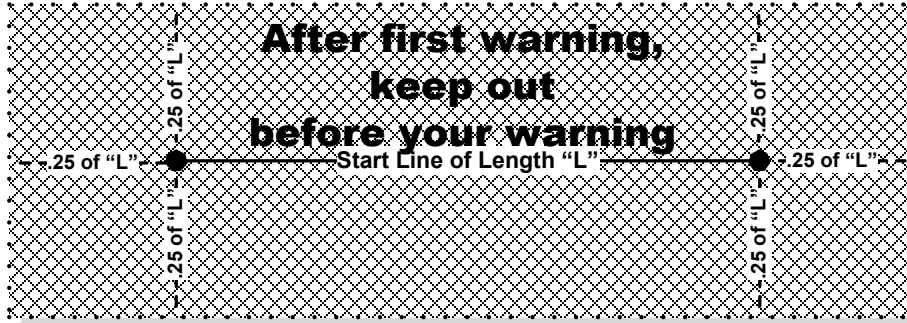
## **21 RISK STATEMENT**

- 21.1 RRS 3 states: 'The responsibility for a boat's decision to participate in a race or to continue to race is hers alone.' By participating in this event each competitor agrees and acknowledges that sailing is a potentially dangerous activity with inherent risks. These risks include strong winds and rough seas, sudden changes in weather, failure of equipment, boat handling errors, poor seamanship by other boats, loss of balance on an unstable platform and fatigue resulting in increased risk of injury. Inherent in the sport of sailing is the risk of permanent, catastrophic injury or death by drowning, trauma, hypothermia, or other causes.

## **22 INSURANCE**

- 22.1 [DP] Each participating sailboat shall be insured with a valid third-party liability insurance policy with a minimum cover of \$2,000,000 CAD per event for Canadian boats and an adequate level of third-party liability insurance applicable in Canadian and US waters for non-Canadian sailboats.

## Diagram 1 The Starting Area



### The Starting Area

After the first warning signal for a race and prior to her warning signal, a sailboat shall keep clear of the starting area that extends one-quarter of the length of the starting line ahead of and behind the starting line. It shall also extend one-quarter of the length of the starting line past either end of the starting line

### Further Information

Supplementary Information, including checklists, map to using the Registration & Web Site, and course diagrams is available at: [https://yachtscoring.com/event\\_documents/14883/LOSHRS Supplementary Information\\_2022.pdf](https://yachtscoring.com/event_documents/14883/LOSHRS_Supplementary_Information_2022.pdf) under Documents & Forms and does not constitute a rule.

<b>ORGANIZING AUTHORITY CONTACTS</b>		
LOSHRS Registration	<a href="mailto:loshrs@loor.ca">loshrs@loor.ca</a>	<a href="http://www.loor.ca">www.loor.ca</a>
LOSHRS Race Committee	<a href="mailto:racecommittee@loor.ca">racecommittee@loor.ca</a>	<a href="http://www.loor.ca">www.loor.ca</a>
LOOR Safety	<a href="mailto:safety@loor.ca">safety@loor.ca</a>	<a href="http://www.loor.ca">www.loor.ca</a>
LOOR	<a href="mailto:info@loor.ca">info@loor.ca</a>	<a href="http://www.loor.ca">www.loor.ca</a>
PCYC		<a href="http://www.pcy.net">www.pcy.net</a>
<b>HANDICAP SYSTEMS CONTACTS</b>		
GLMRA	<a href="mailto:racecommittee@loor.ca">racecommittee@loor.ca</a>	
PHRF-LO	Contact your club's PHRF-LO Handicapper	<a href="http://www.phrf-lo.org">www.phrf-lo.org</a>