



**Lake Ontario
Short Handed
Racing Series
(LOSHRS)
Presented by driveHG**

**Six Race Series
June 5 through September 18, 2022**

**Organizing Authority
Lake Ontario Offshore Racing of the Port Credit Yacht Club
www.loor.ca**

**Supplementary Information
&
Event Guide
Version 1
Published on 2022-02-22**

**This document does not rank as a *rule* for the event.
In case of a conflict between this document and a *rule*, the *rule*
applies.**

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These abbreviations are used in this document.

CORDC	Crew Overboard Recovery Drill Certificate
DH	Double Handed
GLMRA	Great Lakes Multihull Racing Association
GLSS	Great Lakes Singled Handed Society
LOOR OSR	World Sailing's Offshore Special Regulations with Sail Canada Prescriptions and as amended by Lake Ontario Offshore Racing
LOOR	Lake Ontario Offshore Racing of Port Credit Yacht Club
LOSHRS	Lake Ontario Short Handed Racing Series
MNA	Member National Authority of the flag state of the boat. MNA is member of World Sailing
NoR	Notice of Race
OA	Organizing Authority
OSR	World Sailing's Offshore Special Regulations
PCYC	Port Credit Yacht Club
PiC	Person-in-Charge, AKA skipper
R&DWS	Registration & Document Web Site at https://yachtscoring.com/emenu.cfm?eid=14883
RRS	World Sailing's Racing Rules of Sailing
SH	Single Handed/Solo
SIs	Sailing Instructions

1 DOCUMENT OVERVIEW

This document provides supplementary information for potential participants in the Lake Ontario 300 Challenge Race around pre-registration, registration and preparing for the race.

This document does not rank as a rule for the event. In case of a conflict between this document and a rule, the rule applies.

This document should be used in conjunction with the LOSHRS Notice of Race, available [HERE](#).

Please report any errors, or submit questions, comments, and suggestions on this document to racecommittee@loor.ca.

To keep updated [subscribe to LOOR newsletter](#).

2 EVENT OVERVIEW

Since 1975, the Lake Ontario Short Handed Racing Series (LOSHRS) has been multi-division single-and double-handed distance and offshore keelboat races of all sizes and ratings on Lake Ontario. LOSHRS is strictly limited to a maximum of two souls onboard.

The races are:

RACE	PARTICIPANTS MEETING		RACE 1 ST WARNING	LOOR OSR CATEGORY
	DATE & TIME	LOCATION		
Race 1	09:30 Sun. June 5 th	PCYC	11:25 Sun. June 5 th	4
Race 2	19:30 Fri. June 17 th	PCYC	09:55 Sat. June 18 th	4
Race 3			09:55 Sun. June 19 th	4
Race 4	19:30 Fri. Aug. 19 th	PCYC	09:55 Sat. Aug. 20 th	3
Race 5	19:30 Fri. Sep. 16 th	PCYC	09:55 Sat. Sep. 17 th	4
Race 6		PCYC	09:55 Sun. Sep. 18 th	4

Onsite check-in will occur 30 minutes before the scheduled start of each Participants' Meeting. For LOOR OSR Category 3 races, the Participants' Meeting is mandatory.

The full series fee is structured such that it pays to purchase the series, even if you do not do all the races. For example, if you are not planning to do the Long Distance (Overnight) Race, which is Category 3, and are doing the day races, the full series makes financial sense.

If you purchase single races and then decide to do enough that purchasing the series would have been better, arrangements can be made to top off your payment to the full series amount.

Each day of two races on a weekend count as a single race. If you race PCYC to NYC and then NYC to PCYC, that counts as two races.

As outlined in the NoR, there two Series Awards

1. LOSHRS Series – includes the Long Distance (Overnight) race which must be completed
2. LOSHRS Day Race Series only

The NoR provides details on how the series awards are calculated, including the minimum of races.

2.1 Race Classification

LOSHRS' Long Distance (100 miler) race is classified as LOOR OSR Category 3.

All other LOSHRS races, as day races, are classified as LOOR OSR Category 4.

3 GOVERNMENT REGULATIONS

Racing does not absolve a boat and its PiC from complying with applicable government regulations for the waters being sailed in and from the flag state of the boat. These include:

- I. Right of Way Rules involving vessels not racing
- II. Carriage equipment requirements and crew certification/licencing for the boat and status for which it is being sailed
- III. Environmental statues and regulations
 - a. Province of Ontario, e.g., [Regulation on Discharge of Sewage from Pleasure Boats.](#)
- IV. Immigration & Customs

Racing boats can be stopped by government enforcement agencies for inspection, etc. This has happened in the past. A Request for Redress by the boat for the time lost by the stoppage was not upheld as the situation did not meet the criteria for granting redress.

4 QUALIFICATIONS

A boat participating in the event must meet all the entry requirements set out in the Notice of Race.

The boat being entered must be a member of a club or other organization affiliated with their World Sailing Member National Authority. In the case of Canada, this is Sail Canada and its affiliated Provincial Sailing Organizations such as Ontario Sailing. Sail Canada has a Prescription to RRS 46 that the PiC is a member of a yacht club, not just a Sail Canada affiliated organization such as a class association.

If a boat meets all the other entry criteria and not the membership conditions, an Ontario owner/PiC can join Ontario Sailing's Maple Leaf Fund to fulfill this requirement. As membership in Ontario Sailing's Maple Leaf Fund is from April 1st to March 31st, If you need to join to race, you need to be a member by the time of the event, not when you register.

5 KEY DATES & DEADLINES

The following lists are designed to aid potential competitors navigate participating in the event. They should be used in conjunction with 10 HIGH-LEVEL CHECKLIST FOR PARTICIPATING on page 7. While they are an extract from the Notice of Race, participants must comply with the conditions in the NoR. If there is an error or omission in the lists, the NoR apply

LOSHRS KEY DATES FOR 2022						
ITEM	DAY	DATE	TIME	START	END	
1	Registration Opens	Tuesday	February 1, 2022	00:01		
2	Fee Increase	Sunday	May 1, 2022	00:01		
3	Refunds - Cancel Change for series	Friday	May 13, 2022	23:59		
4	Payment in full for series (initial)	Friday	May 13, 2022	23:59		
5	SIs Published	Sunday	May 15, 2022	23:59		
7	Registration Deadline Tuesday a race for that race/weekend	Tuesday		23:59		
8	Initial Crew List due Tuesday before a race	Tuesday		23:59		
9	LOOR CORDC - electronic submission due If doing Long Distance (Overnight Race).	Tuesday	Aug. 17, 2022	23:59		
10	LOOR Safety Document - submission due If doing Long Distance (Overnight Race).	Tuesday	Aug. 17, 2022	23:59		
11	LOOR CORDC - in-person submission due If doing Long Distance (Overnight Race).	Friday	Aug. 19, 2022			
12	Mandatory Check-in If doing Long Distance (Overnight Race).	Friday	Aug. 19, 2022		18:00	19:30
13	Mandatory Participants Meeting If doing Long Distance (Overnight Race).	Friday	Aug. 19, 2022		19:30	21:30
14	Final Crew List Due day of race			09:00		

6 HANDICAP & RATING SYSTEMS

This event uses the following handicapping/rating systems.

GLMRA Handicapping/rating system for multihulls

PHRF-LO Handicapping/rating system for monohulls

Comments & Notes

1. It is the responsibility of the owner to obtain a certificate from the above organizations.
2. Handicapping or rating a boat can take a considerable length of time, *such as several months or more*. It is up to the owner to initiate in sufficient time to have a valid handicapping/rating certificate valid for racing in the year of the event. If a boat belongs to a built class that has never being handicapped/rated either locally or globally, the time to obtain a certificate can be considerable, assuming all the necessary data is readily available.
3. PHRF certificates are managed by local groups. This means that ratings for the same boat can and does vary significantly between groups. In order to be fair to all racing under PHRF, all such boats must have a current valid PHRF-LO certificate. PHRF-LO has a mechanism to help boats with a certificate from another group to obtain a PHRF-LO certificate. Please contact PHRF-LO on this.
4. Individuals and their boat are members of a yacht club that is not a member of PHRF-LO or are or are joining Ontario Sailing's Maple Fund can obtain a PHRF-LO certificate by contacting PHRF-LO directly.

As most of the boats participating in this event race, under PHRF, one of LOOR's educational webinars is entitled *"I need a PHRF-LO certificate for my sailboat, what do I need to do?"* and is available on [YouTube](#).

7 EVENT COURSES

The following describes the intended course for each race.

#	RACE	TYPE	COURSE	REF.
1.	Course Race	Short Course	Start (PCYC), Fogh Mark,	13.1 Race 1

			Gibraltar Mark, Finish (EYC/MMC Mark)	(Course Race) page 10 Race 1 (Course Race)
2.	Coastal 1	Courses selected from ones of different length, east and west of PCYC. Start and finish at PCYC. Each day, course will be selected from SIs and signalled from Race Committee Signal Vessel.		NA
3.	Coastal 2			
4.	Long Distance	Overnight, Cat 3	Start (PCYC), Fogh Mark, Gibraltar Mark, Fogh Mark, Niagara, Burlington, Finish (PCYC)	13.2 Race 4 (Long Distance {Overnight}) Category 3 page 10
5.	PCYC to DYC	Point-to-Point	Start (PCYC) to Finish (DYC)	NA
6.	DYC to PCYC	Point-to-Point	Start (DYC) to Finish (PCYC)	NA

Actual courses are subject to change and will be as defined in SIs.

8 SAFETY REQUIREMENTS, INCLUDING STABILITY

While all the risks and dangers from a sport such as offshore sailing can not be removed, experience can help mitigate the future. That is the history and practice of World Sailing's Offshore Sailing Regulations.

While Offshore may carry the impression of ocean sailing, the Great Lakes can often produce conditions that equal or exceed the conditions blue water racers experience.

To help digest the OSR, they can be broken into several components, such as

1. Naval architecture & design, including stability
2. Equipment, boat & personal
3. Education and training

8.1 Category 4

While the Category 4 Day races do not have some the requirements of the Category 3 overnight race, boats, her equipment, and her crew need to meet the requirements defined in

- [LOOR OSR Category 4 for Monohulls](#)
- [LOOR OSR Category 4 for Multihulls](#)

One item of particular notice is the need for lifelines as outlined in these documents.

8.2 Category 3

While most of the first part relates to the design and construction, the owner needs to understand the stability of their boat. As the second and third reflect the status of an individual boat and her crew, the owner needs to pay particular attentions to items in these components.

As stability and stability measurements are complex and obtuse, LOOR's first online seminar was on this subject. The video of this online seminar is posted on [YouTube](#). As detailed in the Notice of Race, and in the [online seminar video](#), there are multiple methods to calculate and demonstrate the necessary stability, as listed below.

Precedence	Measurement
1	ISO 12217-2 Category
2	STIX AVS
3	ORC Stability Index
4	SSS Base Value

While having these multiple methods certainly increases the complexity of understanding, they provide an owner several paths to demonstrate stability, some of which might be easier in each situation. For example, a boat with an ORC International Certificate that shows adequate stability, is good to race. It does not matter if the SSS shows inadequate stability. It does not matter that the boat is racing in PHRF-LO for LOOR events.

The [Sail Canada web site](#) states:

Resources

ISO 12217-2: Boats sold in Europe and Canada typically have a capacity plate with the CE mark.

ISO 12217-2: Many boats marketed in North America will state on their website that the designer declares that the boat meets an ISO category.

STIX, AVS etc.: IRC certificates will indicate these values if they're available. The IRC website also posts a selection of values.

ORC, ORR STBIX: ORC and ORR certificates indicate the ORC/ORR stability index.

IRC SSS base value: IRC certificates will indicate this if the STIX values are unavailable

SSS: Sail Canada maintains a list of SSS values. Contact offshore@sailing.ca for further information.

While the [online seminar video](#) mentions problems of using sistership data, LOOR does accept sistership data for stability.

Additionally, old IMS certificates may have the STIX numbers for a boat or sistership.

As mentioned on the [online seminar video](#), the Sail Canada Offshore Group can calculate the SSS if a PHRF-LO certificate is available as the certificate has the necessary inputs. As a last resort, an owner can contact the [Sail Canada Offshore Group](#) at the email address above for assistance on this.

8.3 Category 3 Planning & Preparation

The material from the LOOR Webinar on **Considerations for Registering and Preparing for a OSR Category 3 Event** are available:

- [Video Recording](#)
- [Presentation](#)

Inspection Checklists are posted on the Registration and Document Web Site for

- LOOR OSR Category 3 Monohulls
- LOOR OSR Category 3 Multihulls

What is required above Category 4 is highlighted in a different font colour.

Future requirements are not included in the Checklist. Neither are suggested or recommended items. LOOR highly encourages that participants review and consider recommendations and understand the implications of noted future requirements.

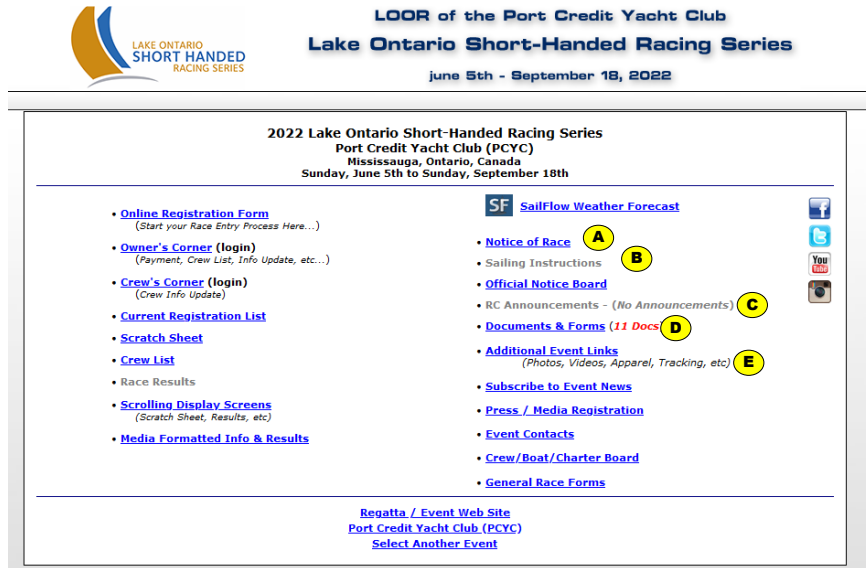
The Checklist is organized for inspection by either the Person-in-Charge (PiC), against the complete Checklist, or LOOR's Technical Committee Equipment Inspectors conducted as follows:

- Pre-race will use the entire Checklist
- Post race will use a pre-defined subset of the Checklist with at least three different subsets.

9 **NAVIGATING THE REGISTRATION & DOCUMENT WEB SITE**

LOOR uses YachtScoring.com as its race event management system for registration, event documentation, event forms, and scoring. As much as possible, the same layout and terminology is used for all three LOOR events. The diagram below illustrates the major components of the main YachtScoring web page for this event.

**The Registration and Race Document Web Site is
<https://yachtscoring.com/emenu.cfm?eid=14883>**



- A** Click here for NOR
- B** Click here for SIs
- C** Click here for RC Announcements
- D** Click here for other documents, i.e., LOOR OSR, Splits, etc.
- E** Click here for link to other associated web sites, i.e., book dock at PCYC, etc.

A video on the registration process is on [YouTube](#).

10 **HIGH-LEVEL CHECKLIST FOR PARTICIPATING**

The following checklists are designed to aid potential competitors navigate in participating in the event. They should be used in conjunction with 5 KEY DATES & DEADLINES on page 3. While they are an extract from the Notice of Race, participants must comply with the conditions in the NoR. If there is an error or omission in the checklists, the NoR apply.

LOOR LOSHRS CHECKLIST 2022 FOR A FULL SERIES ENTRY						
✓	#	AREA	ITEM	NoR	COMMENTS	
	C 1.	Pre-registration	Assess whether boat meets the LOOR OSR Cat 4 for design and structural items for the day races, and LOOR OSR Cat 3 for design and structural items for the Long Distance (Overnight) race	1.4		
	C 2.		Assess whether boat meets the LOOR OSR stability requirements & confirmation is available If doing Long Distance (Overnight Race).	4.3		
	C 3.		Assess whether boat has the necessary valid rating certificate valid for racing in 2022.	4.7		
	C 4.		Confirm that boat/PiC is: <ul style="list-style-type: none"> Canada – member of a club affiliated with Sail Canada via Provincial Sailing Organization (PSO). Outside Canada – affiliated with their MNA 	1	RRS 75 & Sail Canada Prescription to RRS 46.	
	C 5.	Registration	Pay the applicable fee(s)	5		
	C 6.		Input the Personal Data	4		
	C 7.		Input Yacht Club	4		
	8.		Input Design, LOA, Beam, Draft, Hull Color, Spin Color, and Registration	4	Used to identify and track boat in an emergency situation.	
	C 9.		Input Boat Emergency Phone	4	Needed as way to contact boat while racing	
	C 10.		Input rating certificate number, and rating,	4		
	C 11.		Input Radio Call (Sign) {if applicable}	4		
	C 12.		Input Crew Number	4	Includes PiC and must reflect class registered in, e.g., SH/Solo, DH, or FC	
	C 13.		Select Racing/Div./Class/Class Name	4	PHRF-LO rating must match FS or NFS as selected.	
	C 14.		Answer Mandatory Event Specific question “MMSI - Enter MMSI Number or enter text ...”	4 3.2	A free MMSI is required for entry if mandatory boat VHF radio has DSC	
	C 15.		Answer Mandatory Event Specific Question “Onshore Emergency Contact Individual (Mandatory Field)”	4	Needed if OA needs to contact onshore in an emergency	
	C 16.		Answer Mandatory Event Specific Question “Onshore Emergency Contact Individual's Phone Number ...”	4	Needed if OA needs to contact onshore in an emergency	
	C 17.		Answer Mandatory Event Specific Question “EPIRB onboard and number (Mandatory field) (Number or NA)”	4		
	C 18.		Answer Mandatory Event Specific Question “Any Crew have PLB or Personal AIS? ... “	4		
	C 19.	Submit stability data. If doing Long Distance (Overnight Race).	4			
	C 20.	Prepare	Add crew to Crew List in Registration System.	4.5		
	C 21.		Ensure all crew inputs the required information for each crew, including PiC, in the Registration System	4.5	Critical to know EXACT Souls on Board in any SAR event.	
	C 22.		Ensure all crew signs the Crew Waiver, including PiC, in the Registration System	4.5	PiC to ensure crew aware of their responsibility under Rowan’s Law	
	C 23.	Pre-race	Submit LOOR OSR Compliance Form, AKA Safety Document. If doing Long Distance (Overnight Race).	9.1		
	C 24.		Submit LOOR CORDC. If doing Long Distance (Overnight Race).	4.5		
	25.		If necessary, input Alternative Sail Number in YachtScoring’s Owner’s Corner under Sail Declarations	RRS 77		
	C 26.		Fri., July 15 th - Do check-in	8.2		
	C 27.		Fri., July 15 th - Tracker pickup	4.10		
	C 28.		Fri., July 15 th - Attend Mandatory Participants’ Meeting	8.3		
	C 29.		Fri., July 15 th or Sat., July 16 th -Check tracker is working	8.2		
	C 30.		Sat., July 16 th Ensure crew list is up to date & accurately reflects crew participating including PiC	4.5		
	C 31.		Post-race	Check-in within 90 minutes of finishing, submit LOOR Race Log	1.11	
	C 32.			If applicable, submit LOOR Alternative Penalty Form	1.11	

11 OTHER ITEMS, i.e., ALTERNATE SAIL NUMBERS, PURCHASE ADDITIONAL RACES

11.1 Alternate Sail Number Disclosure

If you are going to be racing with sails that have a number different from that input during registration, they need to be registered as follows.

1. Log into the Owner's Corner via the [Registration and Document Web Site](#) for this event.
2. Select MY Sail Inventory on the upper side of the web page
3. Input the information about the sail with the alternate number. The required fields are:
 - a. Sail Type
 - b. Sail ID

11.2 Purchase Additional Races

12 ADDITIONAL RESOURCES

12.1 LOOR eNewsletter

[SUBSCRIBE!](#)

12.2 CONTACTS

The following are contacts needed for this event.

ORGANIZING AUTHORITY CONTACTS		
LOSHRS Registration	loshrs@loor.ca	www.loor.ca
LOSHRS Race Committee	racecommittee@loor.ca	www.loor.ca
LOOR Safety	safety@loor.ca	www.loor.ca
LOOR	info@loor.ca	www.loor.ca
GLSS	glss@loor.ca	www.solosailors.org
PCYC		www.pcy.net
HANDICAP SYSTEMS CONTACTS		
GMLRA		
PHRF-LO	Contact your club's PHRF-LO Handicapper	www.phrf-lo.org

12.3 LOOR's YouTube Channel

[LOOR's YouTube Channel](#) has instructional videos and the number is increasing. They cover topics such as:

- I need a PHRF-LO certificate for my sailboat, what do I need to do?
- LOOR Registration Video
- Recommended Sail Inventory for Lake Ontario Offshore Sailing
- Stability Screening Alphabet Soup by Richard Hinterhoeller

To search for [LOOR's YouTube Channel](#) type in "LOOR Racing" into YouTube's search engine,

12.4 General References & Resources

LOOR is redeveloping the reference section of its web site, www.loor.ca. This should be ready by March 1, 2022. It will be available [HERE](#).

13 CHARTS OF COURSES

13.1 Race 1 (Course Race)

NOT FOR NAVIGATION



13.2 Race 4 (Long Distance {Overnight}) Category 3

NOT FOR NAVIGATION

