



**Verve Cup Offshore Regatta
Chicago Yacht Club
Monroe Station, Chicago, IL
Sailing Instructions
Amendment 1**

In SI 19 Scoring: 19.3 was changed to use the 5-Band All Purpose, and 19.7 was added to conform to NOR 12

19.3 ORC scoring shall be in accordance with the options shown on Page 2 of each entry's valid 2024 ORC certificate as of Aug 5, 2024. The intended choice for scoring will be announced prior to the Warning signal for each class. This choice may be changed by the RC if there has been a significant change in condition and if they decide another scoring model may be more accurate and thus produce more fair results. If changed, the new choice of wind band shall be announced via the Race Committee on VHF prior to the finish of the first boat in each class. ORC scoring will be calculated as follows:

(a) For windward-leeward racing courses LL, LS and SS, using Time-on-Time ratings utilizing the 5-band windward-leeward course models.

(b) For triangle courses T2, T3, TW2 and TW3 using time-on-time (TOT) ratings utilizing the 5-Band All Purpose course models.

19.4 Any decision on wind range selection or course selection shall be at the sole discretion of the race committee and shall not be grounds for a boat to request redress. ***This changes RRS 62.1(a)***. A complete description of ORC scoring models can be found at <https://www.ussailing.org/wp-content/uploads/2024/02/2024-USA-CAN-Scoring-options.pdf>.

19.7 For the 100-mile Overnight Race:

a) Doublehanded and fully crewed sections will be scored with ORC time-on-time (TOT) ratings from the Chicago Mac AP scoring model.

b) The singlehanded section will be scored in accordance with the MWPHRF handicap certificate using Time-on-Time (ToT) based on the following formula: $DHCP\ ToT\ Rating = 650 / (550 + MWPHRF\ ToD\ Rating)$

In Addendum B: Red Circle marks are changed to:

Yellow for change mark, yellow start mark for B36.7, green start mark for all other classes, and white finish pin.

For the Tour of Chicago Distance Race the starting order and PHRF splits are changed, and the location for scratch sheets and results are added:



<u>Class</u>	<u>Flag</u>	<u>Section Split</u>
Tartan-10	Code Flag Zero (0)	
PHRF 3	Code Flag Three (3)	DHCP \geq 90
J/105	Code Flag Five (5)	
J/88	Code Flag Juliett (J)	
PHRF 2	Code Flag Two (2)	$40 \leq$ DHCP $<$ 90
Beneteau 36.7	Code Flag Six (6)	
J/109	Code Flag Nine (9)	
Beneteau 40.7	Code Flag Seven (7)	
ORC	Code Flag Whiskey (W)	
PHRF 1	Code Flag One (1)	DHCP $<$ 40

*** Tour of Chicago Distance Race combined scratch sheet and results will be posted on the notice board in "Documents and Forms": https://yachtscoring.com/event_documents.cfm?eid=16403. ***

In Addendum C: Coordinates were corrected to be in decimal minutes and in Courses B and D, Drop Mark 2 was changed to be left to port.



In Addendum D: the coordinates of Purdue Lighted Buoy and Grosspointe Buoy were corrected to:

Purdue Lighted Buoy	Leave mark to Port	2024 LL no. 19544	41° 45.33' N 86° 58.57' W
Grossepointe Outer Buoy 4	Leave mark to Port	2024 LL no. 20255	42° 08.24' N 87° 35.29' W



**Verve Cup Offshore Regatta
Chicago Yacht Club
Monroe Station, Chicago, IL
August 9-11, 2024**

Sailing Instructions (SIs)

*The Chicago Yacht Club Regatta Association is the Organizing Authority.
Chicago Yacht Club is the host.*

ABBREVIATIONS

[SP] Rules for which a standard penalty may be applied by the race committee without a hearing or a discretionary penalty applied by the protest committee with a hearing.

[NP] Rules that are not grounds for a protest or request for redress by a boat. **This changes RRS 60.1(a).**

1 RULES

- 1.1 The event is governed by the *rules* as defined in *The Racing Rules of Sailing*.
- 1.2 The US Sailing prescription to rule 63.2 shall not apply.
- 1.3 Appendices T and V1 shall apply.
- 1.4 The ORC Rating Rules and Midwest Performance Handicap Racing Fleet (MWPHRF) will apply for the respective handicap sections.
- 1.5 **[DP]** Drones shall not be flown in the racing area except with prior authorization by the OA.
- 1.6 **[DP]** Crew substitutions or changes shall be recorded online at <https://yachtscoring.com/emenu.cfm?eid=16403> prior to the start of racing each day.
- 1.7 Boats racing in an approved One Design Section shall be subject to their Class Rules and Local Fleet Rules. If there is a difference between a Class Rule, Local Fleet Rule, this Notice of Race (NOR) or the Sailing Instructions (SI), the more restrictive rule shall apply. A copy of the Local Fleet rules shall be provided to the Regatta Manager (regattamanager@chicagoyachtclub.org) by July 26, 2024 in order for them to apply.
- 1.8 For boats sailing singlehanded or doublehanded:
 - a) Competitors are required to wear personal flotation devices at all times while on deck except briefly while adjusting clothing or equipment. Display of flag Y is not required. **This changes RRS 40.**
 - b) Use of wind vanes and/or auto-pilots is permitted while racing. **This changes RRS 52.**
- 1.9 For boats participating in the 100-mile Overnight Race:
 - a) "Coastal" category of the US Sailing Safety Equipment Requirements will apply. (<https://www.ussailing.org/competition/offshore/safety-information/ser-world-sailing-special-regulations/>)
 - b) Compliant Life Jackets shall be worn by each member of the crew while on deck:
 1. From sunset to sunrise
 2. While 2 or fewer crew are on deck
 3. During daylight hours unless the Person-in-Charge instructs that they may be removed.

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2 CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted:

- 2.1 Before 0900 on the day it will take effect or,
- 2.2 In the event of AP posted ashore, no later than 15 minutes before AP is lowered ashore or,
- 2.3 By 2000 on the day before a schedule change will take effect.

3 COMMUNICATIONS WITH COMPETITORS

- 3.1 Notices to competitors will be posted on the official notice board online at <https://yachtscoring.com/emenu.cfm?eid=16403>.
- 3.2 On the water, the Race Committee intends to monitor and communicate with competitors via VHF radio on the channels listed in Addendum A.
- 3.3 **[DP]** While racing, except in an emergency, a boat shall not make voice or data transmissions and shall not receive voice or data communication that is not available to all boats.
- 3.4 **[NP]** Errors and omissions in courtesy broadcasts are not grounds for a request for redress. ***This changes RRS 62.1(a).***

4 CODE OF CONDUCT

[DP] Competitors and support persons shall comply with reasonable requests from race officials.

5 SIGNALS MADE ASHORE

- 5.1 Signals made ashore will be displayed from the main flagpole at the northeast corner of the Monroe Station Clubhouse. In addition, signals made ashore may be distributed, as a courtesy, to the email or text address listed in a boat's entry form. Failure to receive courtesy electronic communications shall not be grounds for a request for redress. ***This changes RRS 62.1(a).***
- 5.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 75 minutes' in Race Signals AP.

6 SCHEDULE OF RACES

- 6.1 The schedule is as follows:

Thursday, August 8

1700-1900 Sign-In (Monroe Station)

Friday, August 9

1055 First warning (Buoy Racing)

1700/After Racing Friday Night Party

1700-1900 Additional Sign-In for Tour of Chicago Distance Racers Only

1755 100-mile Overnight Race First Warning

Saturday, August 10

1025 First warning Tour of Chicago Race (All Divisions)

1600/After Racing Verve Swerve Party with Live Music

1700 DragonForce 65 First Warning

Sunday, August 11

1055 First warning (Buoy Racing)

1500 No warning after this time

1530/After Racing Sunday Party with Awards Presentation



7 CLASS FLAGS

See Addendum A.

8 RACING AREA

See Addendum A.

9 COURSES

9.1 Buoy Racing:

- a) The diagrams in SI Addendum B show the course(s), including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.
- b) When the Short Mark 1 and Long Mark 1 are the same distance, only one mark will be set and will be referred to as the Long Mark 1.

9.2 Tour of Chicago Distance Race:

- a) The diagrams in SI Addendum C show the course(s), including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.

9.3 100-mile Overnight Race:

- a) The diagrams in SI Addendum D show the course(s), including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.

9.4 No later than the warning signal, the Race Committee signal vessel will display the approximate compass bearing of the first leg.

9.5 **[NP]** Course information may be signaled by courtesy broadcasts on the designated VHF channel.

10 MARKS

10.1 Buoy Racing:

- a) Windward/Leeward
 - i) Marks will be inflatable shapes or robotic marks. Mark colors will be described in Addendum A.
 - ii) Mark 1 will have an offset. In the event that the offset is not in place, the single windward Mark 1 shall be left to port.
 - iii) Mark 2 will be a gate. In the event that the gate is not in place, the single leeward Mark 2 shall be left to port.
 - iv) New marks, as provided in SI 14, will be inflatable shapes described in Addendum A. Offset marks will not be set for a change of course.
- b) Triangle
 - i) Marks will be inflatable shapes or robotic marks. Mark Colors will be described in Addendum A
 - ii) All marks shall be left to port.

10.2 Tour of Chicago Distance Race:

- a) Marks will be government navigation aids, semi-permanent white spar racing buoys, pumping station cribs, inflatable shapes, or robotic marks.

10.3 100-mile Overnight Race:

- a) Marks will be government navigation aids, semi-permanent white spar racing buoys, or pumping station cribs.
- b) The starting and finishing mark will be an orange robotic mark or inflatable shape.

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- 10.4 Routine movement of robotic marks will not be grounds for redress. This includes marks returning to station after having been pushed away by a boat or competitor and collisions with marks that do not cause damage. RRS 31 still applies.

11 OBSTRUCTIONS

The following area(s) are designated as an obstruction:

- a) The area around the pumping stations (cribs) and the marks placed around them by the US Coast Guard. Boats shall not sail between the marks.

12 THE START

- 12.1 Races will be started using RRS 26 with the warning signal made 5 minutes before the starting signal.
- 12.2 The starting line is between a staff displaying an orange flag on the signal vessel at the starboard end and the course side of a port-end starting mark, or a staff displaying an orange flag on a port-end RC line vessel.
- 12.3 **[DP]** Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 12.4 If any part of a boat's hull is on the course side of the starting line at her starting signal and she is identified, the Race Committee will attempt to hail her sail number. Failure to hail her number, failure of her to hear such a hail, or the order in which boats are hailed will not be grounds for a redress for request. ***This changes RRS 62.1(a).***
- 12.5 Buoy Racing and Tour of Chicago Distance race only:
- a) A boat that does not start within four minutes after her starting signal will be scored Did Not Start (DNS) without a hearing. ***This changes RRS A5.1 and A5.2.***
- 12.6 The Race Committee may combine classes for a start by displaying both class flags at the warning.
- 12.7 The Race Committee may modify the starting sequence after the first race of the regatta for any subsequent races.
- 12.9 Initial Start Sequence and Class Flags: See Addendum A.
- 12.10 Any self-correction movement by a robotic mark on the starting line shall not be considered an improper action of the RC and not grounds for redress under RRS 62.1(a). ***This is added RRS 27.2.***

13 Change of Course Between Starts

- 13.1 In the event of a significant change in wind direction during a series of starting sequences, The Race Committee may signal a change of course for a class by displaying flag C (Charlie) at the preparatory signal with repeated sounds. The signal shall stay up until the start.
- 13.2 The signaled fleet will sail to the change mark.
- 13.3 If there is a subsequent change and the new mark is replaced, it will be replaced by an original mark.
This changes RRS 27.1 and 33.

14 CHANGE OF THE NEXT LEG OF THE COURSE

- 14.1 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.
- 14.2 A course change of 10 degrees or less will not be signaled by the Race Committee. The course change will continue to use the active mark. ***This changes RRS 33(a).***



15 THE FINISH

15.1 Buoy Racing:

- a) For Windward/Leeward courses the finishing line is between a staff displaying a blue flag on the signal vessel at the starboard end and the course side of the port end finishing mark.
- b) For Triangle Courses the finishing line is between a staff displaying a blue flag on the signal vessel at the port end and the course side of the starboard end finishing mark.

15.2 Tour of Chicago Distance Race:

- a) The finishing line is between a staff displaying a blue flag on the signal vessel at the starboard end and the course side of the port end finishing mark.

15.3 100-mile Overnight Race:

- a) The finish line will be virtual. No Race Committee vessel will be on station. Boats shall finish by passing in between a line from East to West between 41° 53.78' N, 87° 34.00' W and 41° 54.13' N, 87° 34.35' W
- b) All boats are required to document the moment they cross the virtual finish line with a legible photo or screen-shot of navigation equipment showing finish time generated from GPS in Central Daylight Time, and finish latitude and longitude of their vessel as proof of the time and location of the finish. If possible, note also the boat directly ahead and the boat directly astern.
- c) Boats shall record their own finishes by emailing lrsigmond@norboy.com and cc-ing regattamanager@chicagoyachtclub.org.

15.4 Flag A displayed, with no sound signal, while boats are finishing means “No more racing today.”

16 PENALTY SYSTEM

16.1 Appendices T and V1 shall apply.

17 TIME LIMITS

17.1 Buoy Racing:

- a) The Mark 1 Time Limit, Race Time Limit (see RRS 35), and the Finishing Window are shown in the table below in minutes (time adjusted in handicap sections).

Mark 1 Time Limit	Race Time Limit	Finishing Window
30 minutes	120 minutes	30 minutes

- b) If no boat has passed the first mark within the Mark 1 Time Limit, the race will be abandoned.
- c) The Finishing Window is the time for boats to finish after the first boat sails the course and finishes. Boats failing to finish within the Finishing Window, and not subsequently retiring, penalized or given redress, will be scored Time Limit Expired (TLE) without a hearing. A boat scored TLE shall be scored points for the finishing place two more than the points scored by the last boat that finished within the Finishing Window. ***This changes RRS 35, A5.1, A5.2 and A10.***



17.2 Tour of Chicago Distance Race:

a) Race Time Limit (see RRS 35) is shown in the table below.

Race Time Limit
1600 August 10, 2024

b) All boats not finished by 1600 will be scored TLE without a hearing. ***This changes RRS 35 and A5.1***

17.3 100-mile Overnight Race:

a) Race Time Limit (see RRS 35) is shown in the table below.

Race Time Limit
2359 August 10, 2024

18 HEARING REQUESTS

18.1 Protests and requests for redress shall be filed in person at the protest desk at Chicago Yacht Club Monroe Station within the appropriate time limit.

18.2 Alternatively, hearing requests can be filed online in the Owner's Corner of YachtScoring within the appropriate time limit.

18.3 A boat's protest time limit is 60 minutes from the docking time of the Signal Boat for her circle.

18.4 Hearings will be held, in person, at Monroe Station immediately following the day's races.

19 SCORING

19.1 A boat's total score will be the sum of her scores for all races. No score will be discarded. ***This changes RRS A2.***

19.2 One (1) completed race constitutes a regatta.

19.3 ORC scoring shall be in accordance with the options shown on Page 2 of each entry's valid 2024 ORC certificate as of Aug 5, 2024. The intended choice for scoring will be announced prior to the Warning signal for each class. This choice may be changed by the RC if there has been a significant change in condition and if they decide another scoring model may be more accurate and thus produce more fair results. If changed, the new choice of wind band shall be announced via the Race Committee on VHF prior to the finish of the first boat in each class. ORC scoring will be calculated as follows:

(a) For windward-leeward racing courses LL, LS and SS, using Time-on-Time ratings utilizing the 5-band windward-leeward course models.

(b) For triangle courses T2, T3, TW2 and TW3 using time-on-time (TOT) ratings utilizing the 5-Band All Purpose course models.

19.4 Any decision on wind range selection or course selection shall be at the sole discretion of the race committee and shall not be grounds for a boat to request redress. ***This changes RRS 62.1(a).*** A complete description of ORC scoring models can be found at <https://www.ussailing.org/wp-content/uploads/2024/02/2024-USA-CAN-Scoring-options.pdf>.



- 19.5 MWPHRF scoring shall be in accordance with the MWPHRF handicap certificate valid on August 2, 2023 using Time-on-Time (ToT) based on the following formula: $HCP\ ToT\ Rating = 650 / (550 + MWPHRF\ ToD\ HCP\ Rating)$.
- 19.6 A score of TLE will receive the points equal to the number of finishers in her class plus two points but no more than points equal to that of DNF. ***This changes RRS A4.2 and RRS A5.***
- 19.7 For the 100-mile Overnight Race:
- a) Doublehanded and fully crewed sections will be scored in accordance with the ORC handicap certificate. Scoring will be calculated using time-on-time (TOT) utilizing the USA Five Number AP.
 - b) The singlehanded section will be scored in accordance with the MWPHRF handicap certificate using Time-on-Time (ToT) based on the following formula: $DHCP\ ToT\ Rating = 650 / (550 + MWPHRF\ ToD\ Rating)$
- 20 [DP] [SP] SAFETY REGULATIONS**
- 20.1 Each boat shall check in by sailing past the Race Committee signal boat, hailing or displaying her sail number, and receiving an acknowledgment from the race committee prior to her first race on each day of racing. A boat found to have broken SI 20.1 may receive a scoring penalty for her first race that day equal to 20% of the number of competitors registered in her class.
- 20.2 A boat that retires from a race shall notify the Race Committee either before leaving the course or, if that is impracticable, immediately after arriving ashore. A boat may notify the race committee using the designated VHF hailing channel. A boat found to have broken SI 20.2 may receive a scoring penalty in every race that day equal to 20 percent of the number of competitors registered in her class. ***This changes RRS 63.1.***
- 21 BERTHING**
- [DP]** Boats wishing to utilize CYC Monroe or Belmont station docks during the regatta shall make reservations prior to the regatta with the respective CYC Dockmaster. CYC Monroe 312-296-2042 or 312-867-7777 x3781, CYC Belmont 312-617-6997, or email dockmaster@chicagoyachtclub.org. If space is available during the regatta, it will be on a first come/first serve basis.
- 22 HAUL-OUT RESTRICTIONS**
- [DP]** Keelboats shall not be hauled out during the event except with and according to the terms of prior written permission of the race committee.
- 23 RISK STATEMENT**
- Competitors participate in the regatta entirely at their own risk. See RRS 3, Decision to Race. The organizing authority will not accept any liability for material damage, personal injury, or death sustained in conjunction with or prior to, during, or after the regatta.
- 24 INSURANCE**
- Each participating boat shall be insured with a valid third-party liability insurance with a minimum cover of \$500,000 per incident or the equivalent. Competitors shall be prepared to supply proof of insurance upon request by the OA.
- 29 PRIZES**
- Prizes will be awarded in accordance with the NoR.



30 FURTHER INFORMATION

Patrick Burks, Regatta Manager
Chicago Yacht Club - 400 E Monroe St, Chicago, IL 60603
312-861-7777, Ext. 5562 (o)
regattamanager@chicagoyachtclub.org



Addendum A
Racing Areas, Class Flags, Marks, and Initial Start Sequence
Start Sequence may change after Race 1 of the Regatta

Blue Circle

Courtesy Broadcasts: VHF Channel 71
Approximately 2.9 nm at a bearing of 085 from the Chicago Harbor Light
Approximate coordinates: 41° 53.9' North, 087° 31.6' West

Orange primary Windward Marks.

Orange bot Gate Marks.

Yellow for change mark, yellow bot for start pin, and orange bot for finish pin.

Class

J/88

J/105

Tartan Ten

Flag

Code Flag Juliett (J)

Code Flag Five (5)

Code Flag Zero (0)

Red Circle

Courtesy Broadcasts: VHF Channel 80A
Approximately 4.3 nm at a bearing of 110 from Inner Monroe Harbor
Approximate coordinates: 41° 51.2' North, 087° 31.0' West

Orange Primary Marks.

Yellow for change mark, yellow start mark for B36.7, green start mark for all other classes, and white finish pin.

Class

J/109

Beneteau 40.7

Beneteau 36.7

Flag

Code Flag Nine (9)

Code Flag Seven (7)

Code Flag Six (6)

Platinum Circle

Courtesy Broadcasts: VHF Channel 73
Approximately 2.2 nm at a bearing of 91 degrees from the Belmont Harbor Light
Approximate coordinates: 41° 56.6' N, 087° 35.0' W

Orange Bot Primary Marks

Yellow Starting Bot

Class

ORC Buoy

PHRF Buoy

Flag

Code Flag One (1)

Code Flag Two (2)



Tour of Chicago Distance Race

Courtesy Broadcast: VHF Channel 71

Approximately

Approximate Coordinates: 41°55.30' North, 87°35.30' West

Marks and Courses Described in Addendum C

<u>Class</u>	<u>Flag</u>	<u>Section Split</u>
Tartan-10	Code Flag Zero (0)	
PHRF 3	Code Flag Three (3)	DHCP \geq 90
J/105	Code Flag Five (5)	
J/88	Code Flag Juliett (J)	
PHRF 2	Code Flag Two (2)	40 \leq DHCP < 90
Beneteau 36.7	Code Flag Six (6)	
J/109	Code Flag Nine (9)	
Beneteau 40.7	Code Flag Seven (7)	
ORC	Code Flag Whiskey (W)	
PHRF 1	Code Flag One (1)	DHCP < 40

*** Tour of Chicago Distance Race combined scratch sheet and results will be posted on the notice board in "Documents and Forms": https://yachtscoring.com/event_documents.cfm?eid=16403. ***

100-Mile Overnight

Courtesy Broadcast: VHF Channel 80A

Approximately

Approximate Coordinates: 41° 53.28' North, 87° 34.10' West

Marks and Course Described in Addendum D

<u>Class</u>	<u>Flag</u>
Single Handed, Fully Crewed	Code Flag One (1)

Fully Crewed and Single Handed will start at the same time, but be scored separately

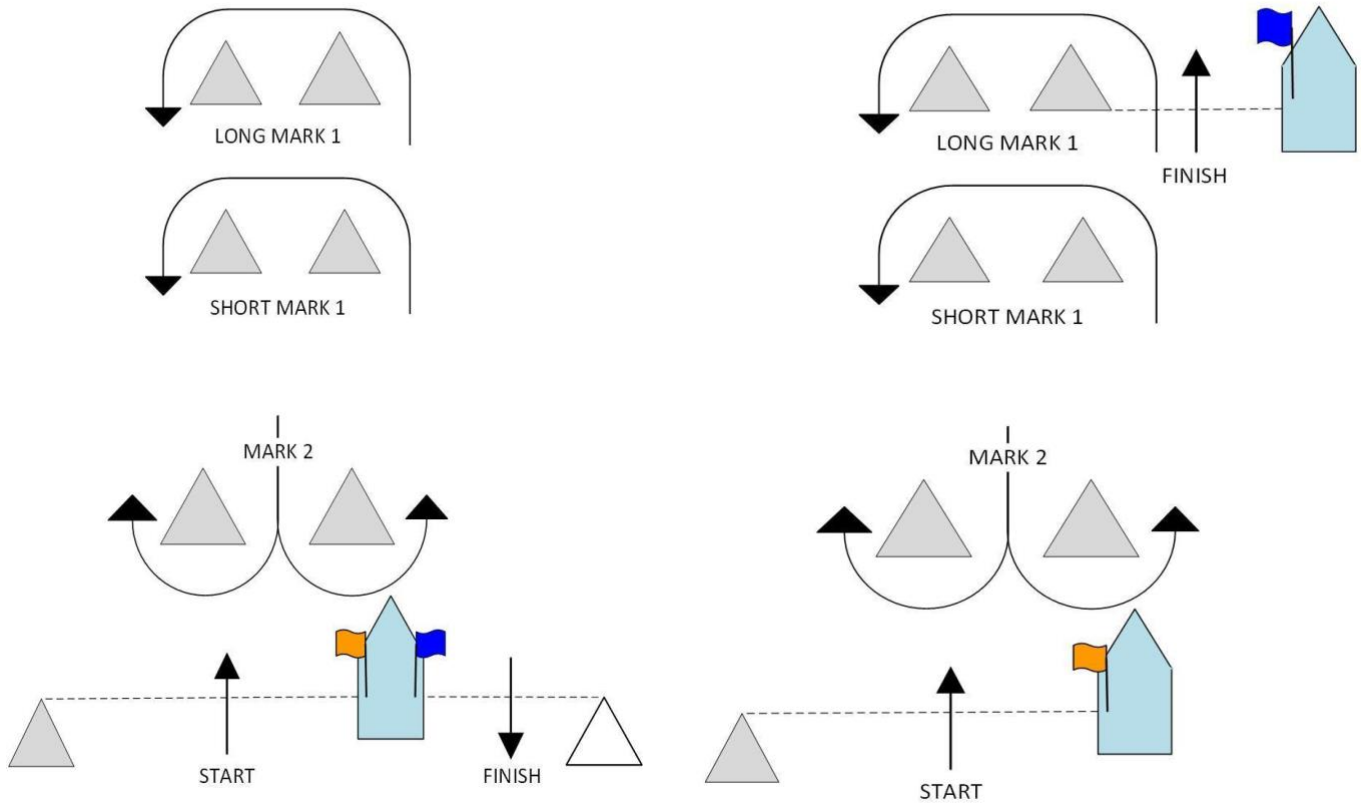


Addendum B Buoy Racing Course Diagrams

Course Assignment	4 Legs	5 Legs
LL (Long, Long)	Start - Long Mark 1 - Mark 2 - Long Mark 1 - Finish	Start - Long Mark 1 - Mark 2 - Long Mark 1 - Mark 2 - Finish
LS (Long, Short)	Start - Long Mark 1 - Mark 2 - Short Mark 1 - Finish	Start - Long Mark 1 - Mark 2 - Short Mark 1 - Mark 2 - Finish
SS (Short, Short)	Start - Short Mark 1 - Mark 2 - Short Mark 1 - Finish	Start - Short Mark 1 - Mark 2 - Short Mark 1 - Mark 2 - Finish

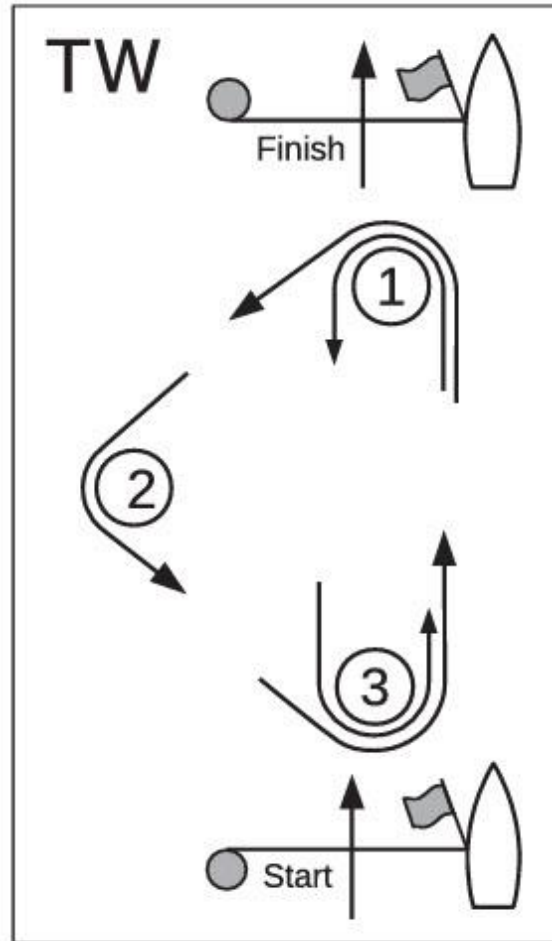
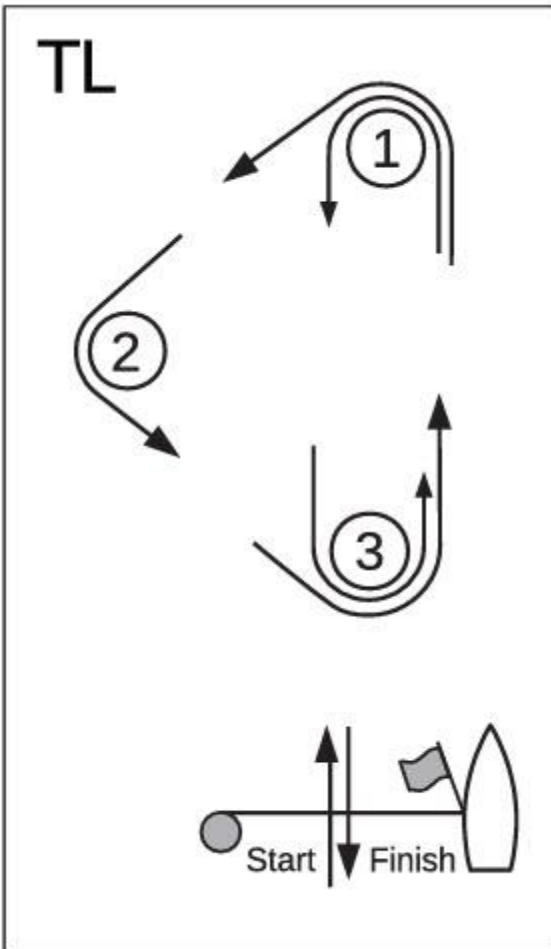
MARKS MAY BE A DIFFERENT COLOR OR SHAPE BASED ON COURSE ASSIGNMENT. REFER TO ADDENDUM A.

MARKS MAY BE A DIFFERENT COLOR OR SHAPE BASED ON COURSE ASSIGNMENT. REFER TO ADDENDUM A.





Course Assignment		
TL2	Start - Mark 1 - Mark 2 - Mark 3 - Mark 1 - Finish	
TL3	Start - Mark 1 - Mark 2 - Mark 3 - Mark 1 - Mark 3 - Mark 1 - Finish	
TW2	Start - Mark 1 - Mark 2 - Mark 3 - Finish	
TW3	Start - Mark 1 - Mark 2 - Mark 3 - Mark 1 - Mark 3 - Finish	





Addendum C
Tour of Chicago Course Descriptions

	Rounding/ Crossing Direction	Description	Approximate Location
<u>Course A – 11 nm</u>			
Start			41°55.30'N 87°35.30' W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30' W
CCYC E2	Leave to Starboard	White Spar Buoy	41°57.74'N 87°32.40' W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
Drop Mark 2	Leave to Starboard	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W
<u>Course B – 14 nm</u>			
Start			41°55.30'N 87°35.30'W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30'W
CCYC SE2	Leave to Starboard	White Spar Buoy	41°55.82'N 87°31.61'W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
Four Mile Crib	Leave to Port	2024 LL no. 19925	41°52.37'N 87°32.73' W
Drop Mark 2	Leave to Port	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W
<u>Course C – 16 nm</u>			
Start			41°55.30'N 87°35.30' W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30' W
CCYC SE2	Leave to Starboard	White Spar Buoy	41°55.82'N 87°31.61' W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
CoLYC 1	Leave to Port	White Spar Buoy	41°52.25' N 87°33.40' W
CoLYC 3	Leave to Port	White Spar Buoy	41°51.17' N 87°31.93' W
Drop Mark 2	Leave to Port	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W



Course D – 19 nm			
Start			41°55.30'N 87°35.30' W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30' W
CCYC E2	Leave to Starboard	White Spar Buoy	41°57.74'N 87°32.40' W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
CoLYC 3	Leave to Port	White Spar Buoy	41°51.17' N 87°31.93' W
Drop Mark 4	Leave to Port	Drop mark or bot	41°50.50' N 87°28.93' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W
Course E – 21 nm			
Start			41°55.30'N 87°35.30'W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30'W
CCYC SE2	Leave to Starboard	White Spar Buoy	41°55.82'N 87°31.61'W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
Drop Mark 4	Leave to Starboard	Drop mark or bot	41°50.50' N 87°28.93' W
CoLYC SA7	Leave to Starboard	White Spar Buoy	41°51.17' N 87°33.40' W
Drop Mark 2	Leave to Port	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W
Course F – 25 nm			
Start			41°55.30'N 87°35.30' W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30' W
CCYC E2	Leave to Starboard	White Spar Buoy	41°57.74'N 87°32.40' W
CCYC SE2	Leave to Starboard	White Spar Buoy	41°55.82'N 87°31.61' W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
Four Mile Crib	Leave to Port	2024 LL no. 19925	41°52.37'N 87°32.73 W
CoLYC 3	Leave to Port	White Spar Buoy	41°51.17' N 87°31.93' W
Drop Mark 4	Leave to Starboard	Drop mark or bot	41°50.50' N 87°28.93' W
CoLYC 5	Leave to Starboard	White Spar Buoy	41°50.07' N 87°33.40' W
Drop Mark 2	Leave to Port	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W
Course G – 27 nm			
Start			41°55.30'N 87°35.30' W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80'N 87°35.30' W
CCYC E2	Leave to Starboard	White Spar Buoy	41°57.74'N 87°32.40' W
CCYC SE2	Leave to Starboard	White Spar Buoy	41°55.82'N 87°31.61' W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W



CoLYC SA7	Leave to Starboard	White Spar Buoy	41°51.17' N 87°33.40' W
CoLYC 7	Leave to Port	White Spar Buoy	41°51.00' N 87°34.87' W
Clemson Shoal Buoy	Leave to Port	2024 LL no. 19910	41°48.41' N 87°32.08' W
Drop Mark 4	Leave to Port	Drop mark or bot	41°50.50' N 87°28.93' W
Drop Mark 2	Leave to Port	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W
Course H – 30 nm			
Start			41°55.30' N 87°35.30' W
Drop Mark 1	Leave to Starboard	Drop mark or bot	41°56.80' N 87°35.30' W
CCYC T	Leave to Starboard	White Spar Buoy	42°00.12' N 87°33.07' W
CCYC SE2	Leave to Starboard	White Spar Buoy	41°55.82' N 87°31.61' W
Harrison Dever Crib	Leave to Port	2024 LL no. 20040	41°55.00' N 87°34.30' W
CoLYC 7	Leave to Port	White Spar Buoy	41°51.00' N 87°34.87' W
Clemson Shoal Buoy	Leave to Port	2024 LL no. 19910	41°48.41' N 87°32.08' W
Drop Mark 4	Leave to Port	Drop mark or bot	41°50.50' N 87°28.93' W
CoLYC SA7	Leave to Starboard	White Spar Buoy	41°51.17' N 87°33.40' W
CoLYC 1	Leave to Starboard	White Spar Buoy	41°52.25' N 87°33.40' W
Four Mile Crib	Leave to Port	2024 LL no. 19925	41°52.37' N 87°32.73' W
Drop Mark 2	Leave to Port	Drop mark or bot	41°53.90' N 87°31.63' W
Finish	Cross from East to West		41°53.28' N 87°34.10' W



Addendum D
100-mile Overnight Course Descriptions

	Rounding/ Crossing Direction	Description	Approximate Location
<u>100-mile Overnight</u>			
Start			41° 53.28' N 87° 34.10' W
Indiana Shoal Buoy 2	Leave mark to Port	2024 LL no. 19785	41° 46.17' N 87° 23.45' W
Burns Harbor Shoal Buoy 1	Leave mark to Port	2024 LL no. 19583	41° 39.18' N 87° 08.12' W
Purdue Lighted Buoy	Leave mark to Port	2024 LL no. 19544	41° 45.33' N 86° 58.57' W
Grossepoint Outer Buoy 4	Leave mark to Port	2024 LL no. 20255	42° 08.24' N 87° 35.29' W
Willmette Weather Buoy	Leave mark to Port	2024 LL no. 20257	42° 08.26' N 87° 35.50' W
CCYC SE2	Leave mark to Starboard	White Spar Buoy	41° 55.83' N, 87° 31.63' W
Finish			41° 54.00' N 87° 34.18' W



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