



Sheboygan Yacht Club

2023 PHRF Racing Season

SAILING INSTRUCTIONS

1) RULES

- a) The races will be governed by the rules as defined in World Sailing 2021-2024 *Racing Rules of Sailing*. World Sailing Appendix WP shall also apply if a notice to competitors has been given indicating the use of one or more waypoints instead of physical marks.
- b) Rules that affect Deep Water Series races:
 - i) The World Sailing Offshore Special Regulations (OSR) shall apply.
 - ii) Deep Water Races are classified OSR Category 4 events.
 - iii) The OSR are modified as follows:
 - (1) OSR 4.10 radar reflectors, 4.22 Lifebuoy(s), and 3.21 Water tanks and drinking water will not apply.
 - (2) OSR 3.09.3 Bilge pumps and cockpit drains may be connected to a common drainage system (along with other drains) provided the common drainage system has sufficient capacity to handle the maximum combined volume.
 - (3) OSR 3.27.2 Navigation lights may be mounted below deck level if it is original construction.
- c) Rules that affect Two-Handed Series races:
 - i) All rules in 1(b) above shall apply.
 - ii) Boats competing in a race in this series shall be crewed in each race by the same two people designated as crew for that specific race. A third person may be on board the boat while racing, must be designated as a guest in advance of the scheduled time for the first warning, and shall not take part in sailing the boat, including by being positioned on the rail of the boat. The designated two-person crew may be changed from one race to the next during the series.
 - iii) The two-turn penalty specified in RRS 44.1 shall be changed to a one-turn penalty.
- d) Any discrepancy between the NOR and these SI's, the SI's will take precedence.

2) NOTICES TO COMPETITORS

Notices to competitors will be posted on the official notice board on the west side of the dock attendant shack. A duplicate copy of notices to competitors may also be posted across from the Commodore's Cove inside the Sheboygan Yacht Club. RC may contact competitors via group text message or e-mail at least 2 hours prior to the scheduled warning for the race(s) it will affect to inform competitors that a notice to competitors has been posted.

3) CHANGES TO SAILING INSTRUCTIONS

- a) Any change to the Sailing Instructions (SI's) will be posted on the official notice board at least 2 hours prior to the scheduled warning for the race it will affect.
- b) Any change to the racing schedule will be posted at least 24 hours prior to the scheduled warning for the race(s) it will affect, except as provided in SI 5(c).
- c) All changes to the racing schedule will be emailed to all boats who have submitted entry forms to the Race Committee (RC).

- d) Changes made afloat will be signalled by displaying code flag L with two sound signals from the RC Signal Boat. The RC Signal Boat will make every effort to hail all competitors via VHF Channel 68.

4) SIGNALS MADE ASHORE

- a) Signals made ashore will be displayed from the SYC flag pole
- b) When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes' in the race signal AP.

5) SCHEDULE OF RACES

- a) Two-Handed Series Championship
 - i) July 8: Hika Bay
 - ii) September 9: Oostburg
 - iii) The first warning signal for each Two-Handed Series race is 1100.
- b) Deep Water Series Championship
 - i) June 3: Hika Bay Race. 1100 first warning
 - ii) July 29: Triangle Distance Race. 1100 first warning
 - iii) August 5: Sheboygan to Manitowoc. 1100 first warning
 - iv) August 6: Manitowoc to Sheboygan. 1100 first warning
 - v) September 1: Sheboygan to Port Washington. 1800 first warning
- c) Buoy Series Regattas
 - i) June 17: Governor's Cup Buoy Races. 1100 first warning
 - ii) Three inshore buoy races are scheduled.
 - iii) September 16: Last Chance Buoy Regatta. 1100 first warning
 - iv) Three inshore buoy races are scheduled.
- d) Make-up dates:
 - i) If a majority of competitors agree, any or all races of Two-Handed series races or Deep Water Series races that start and finish in Sheboygan which are not completed on the scheduled date due to weather conditions may be made up the following day.
 - ii) The scheduled first warning for the make-up day will be 1000.
 - iii) Every effort will be made to contact via e-mail or text message all boats who have submitted an entry form to the SYC RC of the intent to use a make-up date.

6) CLASS FLAGS & SECTION PLACEMENT

- a) The class flags and section or division splits for Deep Water Series races and the Two-Handed Race shall be as follows:
 - i) Section 1: All Non-Cruising Division PHRF Numeral Pennant 1
 - ii) Section 3: Cruising (J&M) Numeral Pennant 3
- b) Start times may be moved up or combined to avoid blank starts or starts with less than 3 boats in a division, except if a self-start under SI 9(d).

7) RACING AREA

- a) The racing area for all Two-Handed and Deep Water Series races will be on the waters of Lake Michigan, with a starting area located approximately 1 NM SE of the entrance to the Sheboygan Harbor as described in the course descriptions of these SI's.

8) COURSES AND MARKS

a) Deep Water Series races

i) Hika Bay Full Crew Race

- (1) The course will be from the north mark of the SYC compass rose course to either an inflatable tetrahedron or to the designated waypoint coordinate located off Hika Bay (Cleveland, Wisconsin) and returning to the N mark of the compass rose course, finishing across a line from the N mark due east 100 feet. If the N mark is missing, a virtual mark will be used at position N 43° 44.500', W 87° 40.880'.
- (2) Hika Bay Rounding Mark
 - (a) Coordinates:
 - (i) N 43° 51.995'
 - (ii) W 87° 42.325'
 - (b) This mark (or the waypoint, if applicable) shall be left to port.
 - (c) In the event that the mark is set in a different location, the RC will deliver alternate coordinates to all participants prior to the first warning.
 - (d) In the event that RC elects not to place an inflatable tetrahedron, then notice to competitors of the use of a waypoint shall be posted on the official notice board at least 2 hours prior to the scheduled warning, in which case Appendix WP and section 10 below shall apply.
- (3) Sheboygan Reef Lighted Buoy 2 (commonly referred to as "the nun") is a mark of the course. Boats shall pass east of the buoy.
- (4) The finish mark shall be left to starboard.

ii) Triangle Distance Race

- (1) The course will be from the North Mark of the SYC compass rose course to the powerplant intake crib (bottles) leaving both bottles to Port, to the NOAA spot buoy located at position N43° 43.530', W87° 37.300', to Sheboygan Reef Lighted Buoy 2 (commonly referred to as "the nun"), and finishing across a line from the N Mark due east 100 feet.
- (2) If the N mark is missing, a virtual mark will be used at position N43° 44.500', W 87° 40.880'.
 - (a) All turning marks shall be left to port
- (3) The Triangle Distance race shall be sailed as a pursuit race. Starting times to all registered boats will be provided at least twelve hours before the first warning signal.
- (4) The finish mark shall be left to starboard.

iii) Sheboygan to Manitowoc

- (1) The course will be from the north mark of the SYC compass rose course to a green can buoy approximately .5 NM ESE of the Manitowoc north lighthouse. If the N mark is missing, a virtual mark will be used at position N 43° 44.500', W 87° 40.880'.
- (2) Sheboygan Reef Lighted Buoy 2 (commonly referred to as "the nun") is a mark of the course. Boats shall pass east of the buoy.
- (3) The finish mark shall be left to port.
- (4) Boats shall finish across a line from the green can buoy due east 100 feet.

- (5) The Sheboygan to Manitowac race shall be sailed as a pursuit race. Starting times to all registered boats will be provided at least twelve hours before the first warning signal.

iv) Manitowoc to Sheboygan

- (1) The course will be from the red nun buoy ENE of the Manitowoc north lighthouse to the north mark of the SYC compass rose course. If the N mark is missing, a virtual mark will be used at position N 43° 44.500', W 87° 40.880'.
- (2) Sheboygan Reef Lighted Buoy 2 (commonly referred to as "the nun") is a mark of the course. Boats shall pass east of the buoy.
- (3) The finish mark shall be left to starboard.
- (4) Boats shall finish across a line from the N mark due east 100 feet.

v) Sheboygan to Port Washington

- (1) The course will be from the north mark of the SYC compass rose course to the Port Washington Lighthouse, located at the end of the Northern breakwater of Port Washington harbor. If the N mark is missing, a virtual mark will be used at position N 43° 44.500', W 87° 40.880'.
- (2) The intake cribs of the Edgewater Power Plant (Bottles) are a mark of the course. All boats must pass east of the bottles.
- (3) The finish mark shall be left to starboard.
- (4) Boats shall finish across a line from the Port Washington Lighthouse due east 100 feet.

b) Two-Handed Series

i) Hika Bay Two-Handed Race

- (1) The course will be from the north mark of the SYC compass rose course to either an inflatable tetrahedron or to the designated waypoint coordinate located off Hika Bay (Cleveland, Wisconsin) and returning to the N mark of the compass rose course, finishing across a line from the N mark east 100 feet. If the N mark is missing, a virtual mark will be used at position N 43° 44'50", W 87°40'88".
- (2) Hika Bay Rounding Mark
 - (a) Coordinates:
 - (i) **N 43° 51.995'**
 - (ii) **W 87° 42.325'**
 - (b) This mark (or the waypoint, if applicable) shall be left to port
 - (c) In the event that the mark is set in a different location, the RC will deliver alternate coordinates to all participants prior to the first warning.
 - (d) In the event that RC elects not to place an inflatable tetrahedron, then notice to competitors of the use of a waypoint shall be posted on the official notice board at least 2 hours prior to the scheduled warning, in which case Appendix WP and section 10 below shall apply.
- (3) Sheboygan Reef Lighted Buoy 2 (commonly referred to as "the nun") is a mark of the course. Boats shall pass east of the buoy.
- (4) The finish mark shall be left to starboard.

ii) Oostburg Two-Handed Race

- (1) The course will be from the North Mark of the SYC compass rose course to either an inflatable tetrahedron or to the designated waypoint coordinate located off of Oostburg,

WI, and returning to the N mark of the compass rose, finishing across a line from the N mark east 100 feet. If the N mark is missing, a virtual mark will be used at position N 43° 44.500', W 87° 40.880'.

- (2) Oostburg rounding mark
 - (a) Coordinates:
 - (i) **N 43° 37.694'**
 - (ii) **W 87° 43.438'**
 - (b) This mark (or the waypoint, if applicable) shall be left to port
 - (c) In the event that the mark is set in a different location, the RC will deliver alternate coordinates to all participants prior to the first warning.
 - (d) In the event that RC elects not to place an inflatable tetrahedron, then notice to competitors of the use of a waypoint shall be posted on the official notice board at least 2 hours prior to the scheduled warning, in which case Appendix WP and section 10 below shall apply.
- (3) The intake cribs of the Edgewater Power Plant (Bottles) are a mark of the course. All boats must pass east of the bottles.
- (4) The finish mark shall be left to port

iii) Buoy Series Regatta

- (1) The Course – The Signal boat will display the course to be sailed, distance and bearing to the first mark, and the number of legs to be sailed.
- (2) The Starting and Finish Line will be between the staff of an orange flag on the RC Signal Boat and the course side of a nearby mark

9) STARTS & FINISHES

- a) All races will be started using RRS 26 with the warning signal made 5 minutes before the starting signal, unless a self-start is needed.
- b) The start for all Two-Handed series races and Deep Water series races will be between the staff of an orange flag on the RC Signal Boat and the course side of a nearby mark, unless a self-start is needed.
- c) The finish for all Two-Handed series races and all Deep Water series races is described in the Course section of these SI's. After finishing, a boat need not cross the finishing line completely.
- d) Self-Start
 - i) If no RC Signal Boat is on station, a Self-Start shall be used and shall be substituted for RRS 26.
 - ii) Competitors shall start at the following designated start times, as determined by GPS time and the PHRF certificate issued for a boat:
 - (a) Section 3: Cruising (J&M): 5 minutes after first warning under SI 5 (a) or (b)
 - (b) Section 1: All non-cruising division PHRF boats: 10 minutes after first warning.
 - iii) Competitors may not reclassify in a self-started race to non-spinnaker status in order to start at the Section 3 start time, if that is not the section regularly sailed by the boat. Start times shall not be consolidated or altered, even if competitors are not racing in a class with an earlier start time.
 - iv) The starting mark shall be left to either port or starboard.
 - v) The starting line shall be a line from the starting mark perpendicular to the bearing to the first mark a distance of 100 yards on either side of the starting mark.

- vi) A boat starts when having been entirely on the pre-start side of the starting line at or after her starting time, and any part of her hull, crew or equipment crosses the starting line in the direction of the course.
- e) If no RC Signal Boat is on station at the finish, boats shall take their own finish time for all Deep Water Series races and Two-Handed Series races.
- f) The Starting and Finish Line for buoy races will be between the staff of an orange flag on the RC Signal Boat and the course side of a nearby mark.

10) RACING AROUND WAYPOINTS

- a) The following rules shall apply in the event that a waypoint is used instead of an inflatable tetrahedron.
 - i) The rules of World Sailing Appendix WP shall apply.
 - ii) The determination of whether to place an inflatable tetrahedron or to use a waypoint shall be in the sole discretion of RC and shall not be subject to protest or redress.
 - iii) Notice to competitors of the use of a waypoint shall be posted on the official notice board at least 2 hours prior to the scheduled warning.
 - iv) The waypoints shall be the GPS Datum coordinates specified in section 8 above for the applicable race, which shall be rounded to port.
 - v) RC may also by notice to competitors specify any required rounding quadrants established between two bearing lines.
 - vi) The submission of a finish time without qualification to RC constitutes the declaration by a competitor that the boat has sailed the course in accordance with the rules.
 - vii) All boats shall use course tracking on GPS equipment, if available on the current equipment of a boat, and shall retain the track for seventy-two (72) hours after the last boat finishes or such longer period of time required by RC in the event of a protest or request for redress. A boat may also retain a time-saved photograph from a cell phone of coordinates on a GPS, as evidence of mark rounding.
 - viii) RC Chairs shall be allowed in their discretion to inspect the GPS equipment of any or all boats to confirm mark rounding.
 - ix) RC may, in its discretion and without a hearing and in lieu of a disqualification penalty, provide a time adjustment penalty, if a boat is requested by RC to provide confirmation of sailing the course and is unable to do so. A boat so penalized shall be entitled to a hearing on request. This changes RRS 63.1.

11) TIME LIMITS

- a) Time limit for Two-Handed series races or the Hike Bay or Triangle races in the Deep Water Series is 5 hours.
- b) Time limit for Sheboygan to Manitowoc, Manitowoc to Sheboygan, and Port Washington races in the Deep Water Series is 7 hours.
- c) Time limit for races in the buoy series regatta is 2 hours. All boats failing to finish within 1 hour after the first boat sails the course in compliance with RRS 28.1 and finishes, shall be scored TLE without a hearing
- d) Boats still racing after the time limit has expired will be scored TLE (Time Limit Expired).

12) SCORING

- a) All races shall be scored using PHRF Time-on-Time scoring except for the pursuit races, which shall use PHRF Time on Distance.

- b) Two-Handed Series Championship
 - i) The Two-Handed Series Championship shall be scored using individual fleet position race scores from each race.
 - ii) Both races are required to be completed to constitute a series.
- c) Deep Water Series Championship.
 - i) The Deep Water Series races shall comprise this series.
 - ii) Two races are required to be completed to constitute a series.
 - iii) A boat's series score will be the total of all of her fleet position race scores, unless all 5 races have been completed.
 - iv) If all 5 races have been completed, a boat's series score will be the total of her fleet position race scores, excluding her single worst score.
- d) Regatta Championship
 - i) A boat's score will be the total of her individual race scores in both regattas.
 - ii) Boats may be scored in section and/or fleet.
- e) Boat of the Year Championship
 - i) The Boat of the Year Championship will be comprised of a combination of race scores from the Deep Water race series, and the Regatta Championship.
 - ii) At least two (2) Deep Water races are required to be completed to constitute this Championship Series.
 - iii) A boat's total of all her fleet position race scores in the Deep Water races, and fleet position score in the Regatta Championship shall constitute her scores toward Boat of the Year, unless a combined total of at least five (5) Deep Water races, and (1) Buoy Regatta have been completed.
 - iv) If a combined total of at least five (5) Deep Water races, and (1) Buoy Regatta have been completed, then a boat's total of all her fleet position race scores in the Deep Water races, and the Regatta Championship, excluding her single worst score, shall constitute her scores toward Boat of the Year.
 - v) Each Deep Water race score, and Buoy Regatta shall carry equal weight. (Note: the series score in the Buoy Regattas shall be counted and not individual races in the Buoy Regattas.)

13) RADIO COMMUNICATION

- a) Use of VHF radios for communication with the Race Committee prior to racing or to notify the RC of withdrawal from a race or series is encouraged
- b) The RC signal boat shall monitor VHF channels 16 & 68 at all times while afloat
- c) The RC signal boat may make courtesy broadcast from time to time
- d) All competitors are strongly encouraged to monitor VHF channel 68 while afloat

14) PRIZES

- a) Prizes will be awarded at the Sailing Banquet to the winner of each individual race, the Two-Handed Series Championship, the Deep Water Championship, Buoy Racing Championship, and Boat of the Year.
- b) Trophies
 - i) Walter J. Kohler Memorial- Governor's Cup – Buoy Series Regatta
 - ii) Past Commodore's Trophy- Hika Bay Full Crew Race
 - iii) Edward E. Larson Memorial Triangle Distance Race
 - iv) Donald Ohme Memorial- Manitowoc to Sheboygan
 - v) Last Chance Before She Sings- Oostburg Last Chance Race

15) DISCLAIMER OF LIABILITY

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