

AHYC Racing 2023

SAILING INSTRUCTIONS (SIs)

Wednesday Night Series and Offshore Championship

1 RULES

1.1 The event is governed by the rules as defined in *The Racing Rules of Sailing*.

1.2 (a) For races in the Wednesday night series, the Race Committee may not shorten course. This changes RRS 32.

(b) For races in the Wednesday night series, the Race Committee may not change the next leg of the course. This changes RRS 33.

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 1900 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 the event page on RegattaNetwork at https://www.regattanetwork.com/clubmgmt/applet_club_events.php?CLUB_ID=2310

3.2 The race office is located at Atlantic Highlands Yacht Club clubhouse.

3.3 On the water, the race committee intends to monitor and communicate with competitors via VHF radio on channel 69.

4 CODE OF CONDUCT

4.1 [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 at the AHYC Race Committee boat at the AHYC floating dock.

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

6 SCHEDULE OF RACES

6.1

(a) Wednesday Night Series

Series	Date of First Race	First Warning Signal Times
Spring	May 24	1820
Summer	June 21	1820
Moonlight	July 19	1820
No Light	August 16	1820 Aug 16,23,20 1800 Sep 6
Last Shot & Makeups	September 13	1800 Sep 13, 20 1730 Sep 27, Oct 4

(b) Offshore Championship

Race	Date	First Warning Signal Times
Geary Decker	July 15, 2023	1200
Ambrose	August 12, 2023	1100
Ocean	September 4, 2023	1200
Draco	September 16, 2023	1200
Scotland Light	September 30, 2023	1200

6.3 Make-up Races For races abandoned during the Spring, Summer, Moonlight, and No Light series, up to four makeup races may be run concurrently with the races for the Last Shot series. Boats participating in these races must have either registered for the Last Shot Series, or have been registered in the race that is being made up. The make-up races will be used, as required, to replace races that were cancelled or abandoned in the Spring,

Summer, Moonlight, and no Light Series.


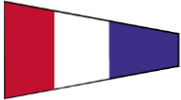
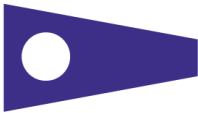
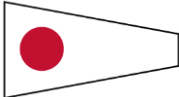
The make-up races will count for the first four races that were cancelled or abandoned in the order that they were originally run. In the event that more than four races were cancelled or abandoned, the 5th and subsequent races will not be made up.

Boats racing in the Last Shot and Makeup races will be scored in the series that they have registered for. A boat may be scored in both series. Entrants in these races recognize that they will start with and race against boats from multiple series.

- 6.4** To alert boats that a race or sequence of races will begin soon, a pre-warning signal may be made about one minute prior to the first warning signal. The pre-warning will not be made if the start has been postponed.

7 CLASS FLAGS

- 7.1** The class flags are:

Class	Flag
A1	
A2	
B3	
B4	

7.2 If any class flag are not available, the Race Committee may change any class flag by making an announcement on VHF 69 prior to the first race of the day

8 RACING AREA

8.1 The racing area is the Sandy Hook Bay and the surrounding waters.

9 COURSES

9.1 The diagrams below, in SI Addendum A show the courses, including the approximate magnetic heading for each leg, the order in which marks are to be passed, and the side on which each mark is to be left.

9.2 No later than the warning signal, the race committee signal vessel will display the course to be sailed for each class. The order of the classes listed will be the order for the starts. If any division is cancelled due to lack of entries, it will not be posted and the following divisions start will be advanced accordingly.

9.3 Courses will not be shortened. This changes RRS 32.

9.4 Legs of the course will not be changed. This changes RRS 33.

10 MARKS

10.1 Marks are racing buoys and government buoys.

10.2 The marks used and the approximate location are listed below in SI addendum A.

11 OBSTRUCTIONS

11.1 The following is designated as an obstruction:
(a)The security zone around Earle Naval Pier.

12 THE START

12.1 Wednesday Night Series races will be started using RRS 26 with the warning signal made 5 minutes before the starting signal.

12.2 Offshore Championship races will be started using a pursuit format. Each boat will be assigned a start time by the Race Committee prior to the first warning signal. This changes RRS 26.

- 12.3** For Wednesday Night Series races, the starting line is between a staff displaying an orange flag on the committee boat at the starboard end and the course side of the port-end starting mark.
- 12.4** For Offshore Championship races, the start line will be specified in the NOR.
- 12.5** Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 12.6** 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 request for redress. This changes RRS 62.1(a).
- 12.7** The Race Committee may choose to use rolling starts.

14 THE FINISH

- 14.1** For the Wednesday Night Series, the finishing line is between a staff displaying an orange flag on the committee boat at the starboard end and the course side of the port-end starting mark.
- 14.2** For the Offshore Championship, the finishing line will be specified in the NOR.
- 14.3** If the race committee is absent when a boat finishes, she should report her finishing time, and her position in relation to nearby boats, to the race committee at the first reasonable opportunity.

15 PENALTY SYSTEM

- 15.1** Appendix V2 for alternative penalties applies (see US Sailing prescriptions).

16 TIME LIMITS

- 16.1** **(a)** The Time Limit for Wednesday Night series races will be 2.5 hours.
(b) The Time Limit for Offshore Championship races will be 6 hours unless otherwise specified in the NOR.
- 16.2** **For Wednesday Night Series Only**, Boats still racing when the time limit expires will be scored number of finishers+1. If there are no finishers within the time limit, the race shall be abandoned. This changes RRS 35.

17 HEARING REQUESTS

- 17.1** The protest time limit is 60 minutes after the docking of the race committee boat.
- 17.2** Hearings can be submitted to the AHYC Protest Chair or to a member of the Race Committee either at the Clubhouse or via email. Hearings can be submitted in any form that complies with RRS 61.2 (protest) or RRS 62.2 (redress). Hearing request forms are available from US Sailing at <https://www.ussailing.org/wp-content/uploads/2018/04/US-Sailing-2017-2020-Protest-Form.pdf>
- 17.3** Notices will be posted on the club house notice board no later than 30 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. The notice will include the date, time, and location of the hearing.
- 17.4** Video or photographic images taken from the committee boat during Wednesday night races will not be admissible as evidence in a protest.
- 17.5** RRS 62.2(a) and 66.2(a) do not apply.

18 SCORING FOR WEDNESDAY NIGHT SERIES RACES

- 18.1** RRS Appendix A4, Low Point System, will apply.
- 18.2** 1 race is required to be completed to constitute a series.
- 18.3** (a) When fewer than 4 races have been completed, a boat's series score is the total of her race scores.
- (b) When from 4 to 7 races have been completed, a boat's series score is the total of her race scores excluding her worst score.
- (c) When 8 or more races have been completed, a boat's series score is the total of her race scores excluding her two worst scores.
- 18.4** The PHRF class(es) will be scored time on distance and will use the rating specified on their 2023 PHRF Certificate issued by PHRF-MA.
- 18.5** On the evening of a Wednesday Night Series race where a competing yacht in the series does not race because she is serving as the Race Committee Boat she shall receive her Average Score (SI 18.6). For any series or Overall scoring, this Average Score shall be treated as if she had raced and received this score.

18.6 A boats Average Score will be computed for the race in which that boat serves as Race Committee. The Average Score will be computed as follows:

The sum of her scores in all other races in that series, including any OCS, DNS, or DSQ, divided by the total number of races in the series less the number of races missed while she was Committee Boat.

18.7 Boats that have not signed up for Race Committee duty shall not be scored.

18.8 Boats that have not paid their entry fee shall not be scored.

18.9 Overall Competition scoring for Wednesday Night Series racing will be computed per SI Addendum B.

19 SCORING FOR OFFSHORE CHAMPIONSHIP RACES

19.1 Boats will be scored in the order in which they finish.

19.2 Computation of overall winner of the Offshore Championship shall be according to B3.

20 SAFETY REGULATIONS

20.1 [DP] A boat that retires from a race shall notify the race committee at the first reasonable opportunity.

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

SI Addendum A

Racing Courses and Marks

- A1.** Courses for A fleets are listed in A5. Courses for B fleets are in A6. All Marks are listed in A7.
- A2.** In A5 and A6, marks to be left to port are denoted "pt" and marks to be left to starboard are denoted "Stb".
- A3.** The on the water Race Committee will choose courses in their sole discretion based on current conditions including, but not limited to, wind speed, weather, and daylight.

As a guide, the following table has recommendations for course selection based only on wind speeds:

- 1 & 4 = Wind speed 5-8 knots
- 2 & 5 = Wind speed 9-12 Knots
- 3 & 6 = Wind speed 13 + Knots

- A4.** All A fleets will sail courses 1,2, and 3. All B fleets will sail courses 4, 5, and 6.

A5. WINDWARD-LEWARD COURSES (1, 2, 3)

COURSE	MARKS							DISTANCE
N1	C(1m,1.88Nm)Pt	JE(186m,2.40Nm)Pt	S/F(0,0,5Nm)					4.78 Nm
N2	T(2m,2.5Nm)Stb	D(120m,.78Nm)Stb	A(175m,3.50Nm)Stb	BW(293m,.77Nm)Stb	S/F(341m,1.13Nm)			8.68 Nm
N3	T(2m,2.50Nm)Pt	BW(187m,3.21Nm)Pt	JA(346m,1.61Nm)Pt	JE(180m,1.0Nm)Pt	S/F(0m,0.5Nm)			9.25 Nm
NE1	JB(45m,0.5Nm)Pt	JF(225m,1.0Nm)Pt	JB(45m,1.0Nm)Pt	JF(225m,1.0Nm)Pt	S/F(45m,0.5Nm)			4.0 Nm
NE2	JB(47m,0.5Nm)Pt	B(249m,1.25Nm)Stb	D(37m,2.76Nm)Stb	JF(206m,2.74Nm)Pt	S/F(45m,0.5Nm)			7.74 Nm
NE3	JB(47m,0.5Nm)Pt	B(249m,1.25Nm)Stb	D(37m,2.76Nm)Stb	JF(206m,2.74Nm)Pt	JB(46m,1.0Nm)Pt	JF(226m,1.0Nm)Pt	S/F(45m,0.5)	9.72 Nm
E1	NM(84m,1.33Nm)Pt	B(263m,2.14Nm)Pt	S/F(82m,.081Nm)					4.27 Nm
E2	JC(90m,0.5Nm)Pt	B(265m,1.31Nm)Pt	NM(83m,2.14Nm)Pt	JG(266m,1.83Nm)Pt	S/F(91m,0.5Nm)			6.28 Nm
E3	NM(84m,1.33Nm)Pt	B(263m,2.14Nm)Pt	NM(83m,2.14Nm)Pt	B(263m,2.14Nm)Pt	S/F(82m,0.81Nm)			8.54 Nm
SE1	A(142m,1.74Nm)Pt	JH(320m,2.22Nm)Pt	S/F(135m,0.5Nm)					4.46 Nm
SE2	JD(135m,0.5Nm)Pt	JH(315m,1.0Nm)Pt	A(140m,2.22Nm)Pt	JH(320m,2.22Nm)Pt	S/F(135m,0.5Nm)			6.44 Nm
SE3	A(142m,1.74Nm)Pt	JH(320m,2.22Nm)Pt	A(140m,2.22Nm)Pt	JH(320m,2.22Nm)Pt	S/F(135m,0.5Nm)			8.9 Nm
S1	JE(180m,0.5Nm)Pt	JA(0m,1.0Nm)Pt	JE(180m,1.0Nm)Pt	JA(0m,1.0Nm)Pt	S/F(180m,0.5Nm)			4.0 Nm
S2	JE(180m,0.5Nm)Pt	C(6m,2.39Nm)Pt	JE(186m,2.39Nm)Pt	JA(0m,1.0Nm)Pt	S/F(180m,0.5Nm)			6.78 Nm
S3	JE(180m,0.5Nm)Pt	C(6m,2.39Nm)Pt	A(166m,3.34Nm)Pt	JA(330m,2.15Nm)Pt	S/F(180m,0.5Nm)			8.88 Nm
SW1	JF(225m,0.5Nm)Pt	JB(45m,1.0Nm)Pt	JF(225m,1.0Nm)Pt	JB(45m,1.0Nm)Pt	S/F(225m,0.5Nm)			4.0 Nm
SW2	JF(225m,0.5Nm)Pt	NM(73m,1.75Nm)Pt	B(263m,2.14Nm)Pt	JB(69mm,1.24Nm)Pt	S/F(227m,0.5Nm)			6.12 Nm
SW3	JF(225m,0.5Nm)Pt	NM(73m,1.75)Pt	B(263m,2.14Nm)Pt	NM(83m,2.14Nm)Pt	S/F(264m,1.33Nm)			7.84 Nm
W1	B(262m,.81Nm)Pt	NM(83m,2.14Nm)Pt	S/F(264m,1.33Nm)Pt					4.27 Nm
W2	JG(279m,0.5Nm)Pt	NM(84m,1.80Nm)Pt	JG(264m,1.80Nm)Pt	NM(84m,1.80Nm)Pt	S/F(264m,1.33Nm)			7.23 Nm
W3	B(262m,.81Nm)Pt	NM(83m,2.14Nm)Pt	B(263m,2.14Nm)Pt	NM(83m,2.14Nm)Pt	S/F(264m,1.33Nm)			8.54 Nm
NW1	JH(315m,0.5Nm)Pt	A(140m,2.23Nm)Pt	S/F(322m,1.73Nm)					4.46 Nm
NW2	JH(315m,0.5Nm)Pt	BW(153m,1.59Nm)Pt	JH(333m,1.59)Pt	BW(153m,1.59)Pt	S/F(341m,1.13Nm)			6.45 Nm
NW3	JH(315m,0.5Nm)P	A(140m,2.23Nm)Pt	JH(320m,2.23Nm)Pt	A(140m,2.23Nm)Pt	S/F(322m,1.73Nm)			8.92 Nm

A6. Triangle Courses (4, 5, 6)

COURSE	MARKS							DISTANCE
N4	JA(0m,0.5Nm)Pt	JG(225m,.7Nm)Pt	JE(135m.7Nm)Pt	JA(0m,1.0Nm)Pt	S/F(180m,0.5Nm)			3.42Nm
N5	C(7m,1.88Nm)Stb	NM(147m,2.0Nm)Stb	BW(217m,1.56Nm)Stb	S/F(341m,1.13Nm)				6.57Nm
N6	C(7m,1.88Nm)Stb	NM(147m,2.0Nm)Stb	BW(217m,1.56Nm)Stb	S/F(341m,1.13Nm)				6.57Nm
NE4	JB(45m,0.5Nm)Pt	JH(270m,.7Nm)Pt	JF(180m,.7Nm)Pt	JB(45m,1.0Nm)Pt	S/F(225m,0.5Nm)			3.42Nm
NE5	JB(45m,0.5Nm)Pt	JH(270m,.71Nm)Pt	JF(180m,.71Nm)Pt	JB(43m,1.0Nm)Pt	JH(270m,.71Nm)Pt	JF(180m,.71Nm)Pt	S/F(45m,0.5Nm)	4.84Nm
NE6	JB(45m,0.5Nm)Pt	JH(270m,.71Nm)Pt	JF(180m,.71Nm)Pt	JB(43m,1.0Nm)Pt	JH(270m,.71Nm)Pt	JF(180m,.71Nm)Pt	S/F(45m,0.5Nm)	4.84Nm
E4	JC(90m,0.5Nm)Pt	JA(315m,.7Nm)Pt	JG(225m,.7Nm)Pt	JC(90m,1.0Nm)Pt	S/F(180m,0.5Nm)			3.42Nm
E5	NM84m.1.33Nm)Pt	JA(285m,1.36Nm)Pt	B(233m,1.02Nm)Pt	SF(82m,.81Nm)				4.50Nm
E6	NM84m.1.33Nm)Pt	JA(285m,1.36Nm)Pt	B(233m,1.02Nm)Pt	SF(82m,.81Nm)				4.50Nm
SE4	JD(135m,0.5Nm)Pt	JB(0m,.7Nm)Pt	JH(270m,.7Nm)Pt	JD(135m,1.0Nm)Pt	S/F(315m,0.5Nm)			3.42Nm
SE5	A(142m,1.74Nm)Pt	NM(9m,1.56Nm)Pt	JH(270m,1.65Nm)Pt	SF(135m,0.5Nm)				5.45Nm
SE6	A(142m,1.74Nm)Pt	NM(9m,1.56Nm)Pt	JH(270m,1.65Nm)Pt	SF(135m,0.5Nm)				5.45Nm
S4	JE(180m,0.5Nm)Pt	JC(45m,.7Nm)Pt	JA(315m,.7Nm)Pt	JE(180m,1.0Nm)Pt	S/F(0m,0.5Nm)			3.42Nm
S5	JE(180m,0.5Nm)Pt	NM(62m,1.48Nm)Pt	C(328m,2.0Nm)Pt	S/F(188m,1.88Nm)				5.86Nm
S6	JE(180m,0.5Nm)Pt	NM(62m,1.48Nm)Pt	C(328m,2.0Nm)Pt	S/F(188m,1.88Nm)				5.86Nm
SW4	JF(225m,0.5Nm)Pt	JD(90m,.7Nm)Pt	JB(0m,.7Nm)Pt	JF(225m,1.0Nm)Pt	S/F(45m,0.5nm)			3.42Nm
SW5	JF(225m,0.5Nm)Pt	A(125m,1.70Nm)Pt	NM(9m,1.57Nm)Pt	SF(264m,1.33Nm)				5.10Nm
SW6	JF(225m,0.5Nm)Pt	A(125m,1.70Nm)Pt	NM(9m,1.57Nm)Pt	SF(264m,1.33Nm)				5.10Nm
W4	B(262m,.81Nm)Pt	BW(131m,1.51Nm)Pt	JC(8m,1.1Nm)Pt	S/F(270m,0.5Nm)				3.91Nm
W5	B(262m,.81Nm)Pt	BW(131m,1.51Nm)Pt	NM(38m,1.58Nm)Pt	S/F(264m,1.33Nm)				5.23Nm
W6	B(262m,.81Nm)Pt	A(124m,2.26Nm)Pt	NM(9m,1.54Nm)Pt	S/F(264m,1.33Nm)				5.93Nm
NW4	JH(315m,0.5Nm)Pt	JF(180m,.71Nm)Pt	BW(134m,1.0Nm)Pt	S/F(341m,1.13Nm)				3.34Nm
NW5	JH(315m,0.5Nm)Pt	JF(180m,.71Nm)Pt	A(125m,1.72Nm)Pt	S/F(322m,1.73Nm)				4.66Nm
NW6	JH(315m,0.5Nm)Pt	JF(180m,.71Nm)Pt	A(125m,1.72Nm)Pt	JH(321m,2.24Nm)Pt	JF(180m,.71Nm)Pt	JB(43m,.71Nm)Pt	S/F(225m,0.5Nm)	7.09Nm

A7. Mark Locations. Differences between listed and actual latitude and longitude shall not be grounds for redress.

MARK		DESCRIPTION	LATITUDE	LONGITUDE
A	R "2"	Highlands Channel	4025.17	7400.35
B	AHYC MK	Leonardo— <i>New Location 2012</i>	4026.00	7403.10
BW	AHYC MK	AH Breakwater	4025.31	7401.34
C	FLG "1"	Sandy Hook Channel	4028.10	7402.37
D	FLG "17"	Sandy Hook Channel	4028.52	7401.69
JA	AHYC MK	Olympic Circle	4026.78	7402.25
JB	AHYC MK	Olympic Circle	4026.70	7401.75
JC	AHYC MK	Olympic Circle	4026.38	7401.47
JD	AHYC MK	Olympic Circle	4026.00	7401.56
JE	AHYC MK	Olympic Circle	4025.79	7401.98
JF	AHYC MK	Olympic Circle	4025.86	7402.47
JG	AHYC MK	Olympic Circle	4026.18	7402.76
JH	AHYC MK	Olympic Circle	4026.56	7402.66
AHBW		Atlantic Highlands Breakwater	4025.10	7401.22
AHYC		Floating Dock	4025.05	7402.01
FLG "11"		Required Mark Sandy Hook Channel	4028.86	7400.08
FLG "13"		Required Mark Sandy Hook Channel	4028.83	7400.69
NM		AHYC MK Horseshoe Cove	4026.632	7400.487
SF	AHYC MK	Olympic Circle	4026.29	7402.11
T	RN "2"	Chapel Hill Channel	4028.75	7402.68
AMB		Ambrose Light	4027.467	7350.14
WB		West Bank Lighthouse	4032.28	7402.56

SI Addendum B

Overall Competition Scoring

B1. OVERALL COMPETITION: The Overall Trophies will be awarded to the AHYC yacht from each eligible division based on their performance over the season.

DIVISION ELIGIBILITY: An overall trophy will be awarded for each division where at least 10 eligible races are sailed and scored as a division. Yachts competing for an overall award will be assigned to an eligible division, based on rating, by the race committee at the end of the racing season. Two otherwise ineligible divisions may be combined to form a single division, for the purpose of this award, at the discretion of the race committee.

RACE ELIGIBILITY: For inclusion in the overall scoring, a race must have a minimum of 3 entries. Yachts that do not comply with the event entry requirements (i.e. Complete form and pay fee) are not considered entries.

ACCRUING INDIVIDUAL RACE POINTS: In each eligible race, a yacht will accrue points based on the following formula (credit for serving as race committee will not be counted):

Race Points = ((Number of yachts beaten + 1) / Number of entries in each race) times 100.

Examples – 2nd place in a field of 3: Score = $(1 + 1)/3 = .667 \times 100 = 66.7$
4th place in a field of 8: Score = $(4 + 1)/8 = .625 \times 100 = 62.5$

MINIMUM RACES TO SAIL FOR A YACHT TO QUALIFY: In order for a yacht to qualify for the overall award, it must have sailed in at least the minimum number of qualifying events, as established for that class. (See section 19.34.1 and 19.34.2)

NUMBER OF TOTAL RACES INCLUDED IN OVERALL SCORE: The total number of individual race points to be included shall be 60% (rounded down) of the total races scored for that division, for the entire season. It is permissible for points accrued while racing in a differing division to be included, provided all points were earned in eligible races.

THE OVERALL SCORE: A yacht's overall score shall be the sum of her best "n" individual race points. Where "n" is the number of races to include, as determined for that division. (See above.) The

yacht with the highest score will be awarded the overall trophy for that division.

TIES: All ties will be broken with the award of fractional bonus points as follows:

- 1 point – 1st place
- 1/2 point – 2nd place
- 1/4 point – 3rd place
- 1/8 point – 4th place
- 0 points – 5th thru last place

B2. PHRF QUALIFYING RACES. A yacht must enter a minimum of 10 (12) Wednesday Night races. All races must meet the race eligibility requirements as out-lined above.

B3. OFFSHORE CHAMPIONSHIP. For inclusion in the Offshore Championship each division must have a minimum of 3 entries to qualify. Winners will be determined by their three best finishes in the Offshore Championship races.