



137th Shattemuc Open Regatta (HRYRA)
Saturday & Sunday, September 11 & 12, 2021
Shattemuc Yacht Club
Ossining, NY 10562
SAILING INSTRUCTIONS



**HUDSON RIVER YACHT RACING
ASSOCIATION**
HRYRA Cruising Fleets
**2021 COMMON SAILING
INSTRUCTIONS**

The notation '[NP]' in a rule of the sailing instructions (SIs) means that a boat may not protest another boat for breaking that rule. This changes RRS 60.1(a).

1. Rules

1.1. The regatta will be governed by the rules as indicated in the *HRYRA Cruising Fleets 2021 Common Sailing Instructions* and, in accordance with rule 1.2 therein, these instructions, which are numbered to correspond with the *Common Sailing Instructions* where relevant. A rule number herein *supplements* the same rule number, if present, in the *Common Sailing Instructions* and does *not* modify it unless explicitly stated.

1.4. Any conflict between the Sailing Instructions and the Notice of Race shall be resolved in favor of the Sailing Instructions. This modifies RRS 63.7.

1 RULES

- 1.1 The event is governed by the rules as defined in *The Racing Rules of Sailing*. Class rules are the current *Performance Handicap Racing Fleet Regulations* published by the YRA of LIS, modified to admit rating certificates issued by HRYRA.
- 1.2 Supplementary sailing instructions and modifications to these instructions, issued by the race committee for a specific event, will apply. Sailing instructions in this document are referenced by the prefix CSI (e.g., this instruction is CSI 1.2)
- 1.3 All boats must satisfy the *HRYRA Boat Standards* published on the HRYRA web site.

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

3. Communications with competitors

- 3.1 Notices to competitors will be posted on the bulletin board located just to the right (east) of the club house entrance steps. Copies will be posted on the online official notice board as soon as possible:
shattemucyc.org/activities/racing/#SYCRegatta2021
- 3.2 VHF channel 69 will be used for communicating with competitors.

4. Signals made ashore

- 4.1. Signals made ashore will be displayed from a staff mounted near the bulletin board located just to the right (east) of the club house entrance steps.

5. Schedule of Races

- 5.1. Two races are scheduled for each day. The first warning signal for the first race is scheduled as follows:
SATURDAY: 1100 SUNDAY: 1030
- 5.2. For each class, the second (or any subsequent) race each day will be started as soon as practical after the last finisher of the class's previous race. Several sound signals and a VHF announcement will be made shortly before the race's warning signal.

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 as described in the instructions of CSI 1.2.
- 3.2 On the water, the race committee intends to monitor and communicate with competitors on VHF radio channel specified in the instructions of CSI 1.2.
- 3.3 [DP][NP] 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

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed as described in the instructions of CSI 1.2.
- 4.2 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

- 5.1 The schedule of races, including the times of the first warning signal each day and the number of races to be sailed each day are described in the instructions of CSI 1.2.
- 5.2 For the first race of any day, starts for classes 1, 2, 3, ... shall occur in that order, except that adjacent classes may be started together and there may be no start for a missing class.
- 5.3 If a race has been postponed for more than two hours (one hour if the class has more than one race scheduled for the same day), the race committee shall either *postpone* ashore (display flag AP over H or AP over A, with two sounds) or *abandon* the race (display flag N, N over H, or N over A,

with three sounds.) The race committee shall announce the action taken on the designated VHF channel.

- 5.4 Postponed or abandoned races may be re-started or re-sailed on the same or following day.
- 5.5 The race committee may, but is not required to display flag “A” to indicate “no more racing today”, as provided in the US Sailing prescription following RRS 32.2.

6 CLASS FLAGS

- 6.1 The HRYRA PHRF class definitions and class flags are given in the table below. Class flags will not be used to indicate hours of a postponement from the scheduled starting time. This modifies Race Signals and RRS 25.2.

Class	PHRF values	Class Flag	Streamer Color
1	Less than 130, with spinnakers	Code Flag #1	Blue
2	Greater than 130, with spinnakers	Code Flag #2	Orange
3	All without spinnakers	Code Flag #3	White
For other classes, the instructions of CSI 1.2 define the classes, flags, and streamers			

- 6.2 Each yacht shall clearly display a colored streamer, as described in the table, to indicate the class in which she is racing. Boats having a backstay shall affix the streamer to the backstay approximately 6 feet above the deck.

7. Racing Area

- 7.1. The racing area is the waters of the Hudson River known as Tappan Zee and Haverstraw Bay.
- 7.2. The starting area shown on the attached chart just south of Tellers Point (the southernmost extremity of Croton Point) is a general indication of where the starting line is expected to be. Depending on conditions, the actual position may fall outside that area.

8. The Courses

- 8.1. Courses will be selected from those listed on the attached sheet titled “Shattemuc Race Courses”. The identifying course number for a race will be displayed on a course board attached to the committee boat by the time of the class’s warning signal. Note that different classes may sail different courses.
- 8.2. On the course list, turning marks are identified by having a suffix “p” or “s”. “p” means leave the mark to port, “s” means leave it to starboard.
- 8.3. When shown at the start, signal flag “T” (red, white and blue vertical stripes) means sail the indicated course twice around. Starting and finishing lines, and associated marks are only marks of the course when starting and finishing.
- 8.4. Courses 01, 02, and 03 are windward-leeward with both the starting line and the finishing line (unless the course has been shortened) positioned between the windward and the leeward marks.

9. Marks

- 9.1. For courses 01, 02, and 03, inflatable orange or green tetrahedrons will be used for the windward and leeward marks.
- 9.2. Other courses use the indicated numbered government buoys and marks “X”, “G”, and “W”.
 - 9.2.1. Mark “X” is an orange or green inflatable tetrahedron located near 41°09.5’N, 073°52.5’W, or approximately

7 RACING AREA

- 7.1 The racing areas are described in the instructions of CSI 1.2.

8 COURSES

- 8.1 Courses are described in the instructions of CSI 1.2.

9 MARKS

- 9.1 Marks are described in the instructions of CSI 1.2.

440 yards southwest of the seaward entrance to Shattemuc Yacht Club.

- 9.2.2. Mark “G” is a small orange can maintained by clubs in Haverstraw Bay at approximately 41°12.5’N, 073°54.5’W.
- 9.2.3. Mark “W”, when listed as the first turning mark of the course, is an orange or green inflatable tetrahedron placed in direction approximately to windward of starting line.

11. The Start

- 11.1. Races will be started using RRS26 with the warning signal made 5 minutes before the starting signal.
- 11.2. The starting line will be between a staff or stay on the committee boat displaying an orange flag and the pre-start side of a yellow ball, which may also display a yellow flag.

10 OBSTRUCTIONS

- 10.1 Obstructions are described in the instructions of CSI 1.2.

11 THE START

- 11.1 Races will be started as described in the instructions of CSI 1.2.
- 11.2 The starting line will be as described in the instructions of CSI 1.2.
- 11.3 [DP][NP] Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 11.4 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 request for redress. This changes RRS 62.1(a).

12 CHANGE OF THE NEXT LEG OF THE COURSE

- 12.1 To change the next leg of the course, the race committee will move the original mark (or the finishing line) to a new position or lay a new mark and remove the original mark as soon as practicable.

- 12.2 RRS 33 is changed by adding the following subsection (aa) immediately before the existing subsection (a):
“(aa) If the leg of the course will be changed to be directly to a finishing line located as close as practicable to the location of the original finishing line, the signal shall be the display of flag F with repetitive sounds (but without direction or length indication). Boats sailing the changed leg shall *finish* at that line. Otherwise,”

13. The Finish

- 13.1. The finishing line will be between a staff or stay on a committee boat displaying a blue flag and the course side of a red ball, which may also display a red flag; or a mark to which the course has been shortened. Note that the finishing line may be in a different position than the starting line even if the course is not shortened.

13 THE FINISH

- 13.1 The finishing line will be as described in the instructions of CSI 1.2.
- 13.2 If the race committee is absent when a boat finishes, she shall report her finishing time and her position in relation to nearby boats, to the race committee at the first reasonable opportunity.
- 13.3 If the race committee intends to start another unscheduled race on the same day, it will so indicate by displaying the Second Substitute (with no sound) during the finish and/or making an announcement on the designated VHF channel.

14 PENALTY SYSTEM

- 14.1 The scoring penalty, RRS 44.3, applies for a violation of a rule of Part 2. The penalty is the number of places as calculated in RRS 44.3(c).
- 14.2 Rule 44.1 (one turn penalty) applies for a violation of rule 31.
- 14.3 For a violation of rule 31, or if a yellow flag is not displayed as required in rule 44.3(a) and (b), a boat may instead accept a scoring penalty as described in RRS T1 (see Appendix T of the RRS.)

15. Time Limits

- 15.3. The race committee will announce on the designated VHF channel when a race's time limit has expired.

15 TIME LIMITS FOR FINISHING A RACE

- 15.1 If no boat *sails the course* and *finishes* within two hours of her start signal, the race shall be *abandoned*.
- 15.2 Boats failing to *finish* within 45 minutes after the first boat *sails the course* and *finishes* will be scored Did Not Finish (DNF) without a hearing. This changes RRS 35, A4 and A5.

16 HEARING REQUESTS

- 16.1 The protest time limit is 1 hour after the race committee has returned to the dock at the end of the day's racing.
- 16.2 Hearing request forms are available from the race committee or as described in the instructions of CSI 1.2.
- 16.3 ARBITRATION: Appendix T will apply unless the instructions of CSI 1.2 explicitly exclude this instruction.

17 SCORING

- 17.1 Yachts will be handicapped using PHRF numbers to compute time-on-time correction factors: Corrected Time=Elapsed Time × TCF, where $TCF=650/(550+PHRF)$. Each yacht shall have a current PHRF certificate issued by Hudson River Yacht Racing Association (HRYRA) or by the Yacht Racing Association of the Long Island Sound (YRALIS).
- 17.2 For **Regatta** scoring, the Low Point System, Appendix A of the RRS applies. The term "number of boats entered in the series" as used in RRS A5.2 means the number registered in that class for the regatta. All completed races are counted. This changes RRS A2.1.
- 17.4 For **Season** scoring, RRS A2 is replaced by this low-point averaged scoring system:

(i) RACES TO COUNT AND MINIMUM REQUIRED

The series will consist of all races in all seven of the HRYRA scheduled regattas, including Nyack's distance race. To qualify for inclusion in the final series results, a boat shall compete in (i.e., come to the starting area for) at least 1/3 of the races completed for her class, and shall have competed in at least 2 of the regattas.

(ii) RACE SCORES

Each boat finishing a race and not thereafter retiring or being disqualified will be scored points as for the Regatta scoring. All other boats that finish and thereafter retire or are disqualified, will receive the score for the finishing place one more than the number of boats competing in that race. Boats not competing in that race (DNC) will not be scored.

(iii) SERIES SCORE

The series score for each boat will be the sum of her race scores divided by the number of races for which she is scored. The qualified boat with the lowest series score is the winner, and others are ranked accordingly.

(iv) SERIES TIES

RRS A8 applies modified such that (a) values to be compared are, for each boat and race in which she is scored, the score divided by the number of races for which she is scored; and (b) when comparing two boats at a point where only one has been scored, the tie is broken in favor of the scored boat.

- 17.5 Season prizes will be awarded to the top 3 scored boats in each class.
- 17.6 In addition to the **season** prizes, a single **season champion** will be computed among all boats that competed in at least 65% of completed races for the boat's class, including Nyack's distance race, using the Cox-Sprague scoring

system as described in <http://www.hryra.org/wp-content/uploads/2015/06/Cox-Sprague-Scoring-System.pdf>.

18. Safety Regulations

- 18.1 Yachts must be in the vicinity of the starting area when reporting their sail numbers. VHF may be used only if conditions make oral hail impractical. This modifies CSI 18.1.

18 SAFETY REGULATIONS

- 18.1 [DP][NP] Before the first warning signal, each boat shall report her sail number to the race committee by oral hail. Hails on VHF do not satisfy this requirement.
- 18.2 [DP][NP] A boat that retires from a race shall notify the race committee as soon as possible on the designated VHF channel or by oral hail.

19 RISK STATEMENT

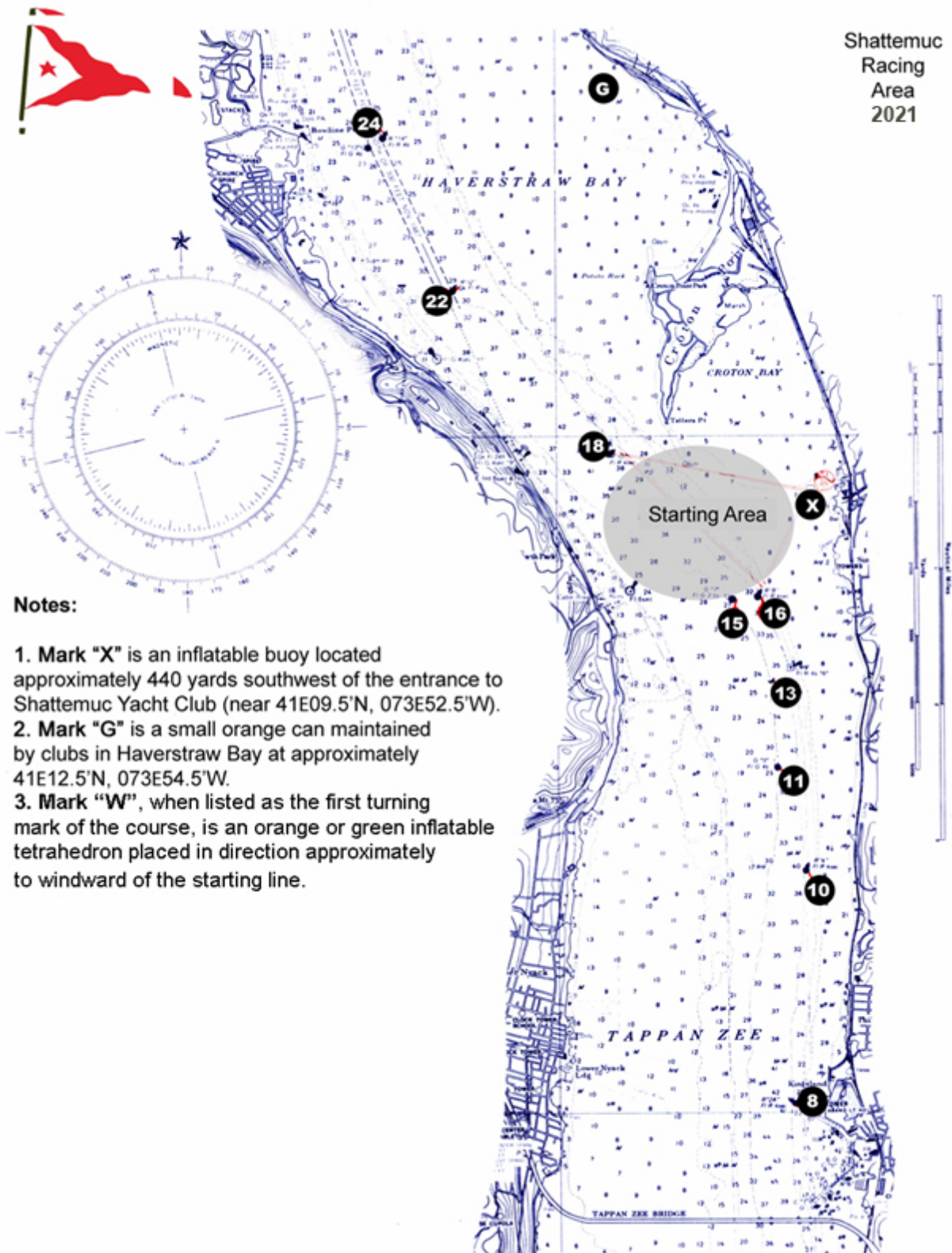
- 19.1 RRS 3 states: 'The responsibility for a boat's decision to participate in a race or to continue to race is hers alone.' By participating in this event each competitor agrees and acknowledges that sailing is a potentially dangerous activity with inherent risks, including, but not limited to, strong winds, rough seas, weather changes, and **the risk of permanent, catastrophic injury or death by drowning, trauma, hypothermia or other causes.**

20. Awards

Awards will be presented to the skippers and crew placing first, second, and third in each class. Second and third place awards may not be made if a class has fewer than 6 and 9 starters, respectively. All awards not affected by undecided protests will be presented at the Shattemuc club house after racing on the Sunday of the regatta, following tabulation of the results.

Shattemuc Race Courses

Course Number	Start	Marks						Finish	Approx. Naut.Miles	Wind Direction
01	S	Wp	Lp					F	Windward/Leeward	
02	S	Wp	Lp	Wp	Lp			F	Windward/Leeward	
03	S	Wp	Lp	Wp	Lp	Wp	Lp	F	Windward/Leeward	
51	S	Xp	18p	11p				F	6.2 NNE	
52	S	Xp	15p	11p				F	4.3 NNE	
65	S	15p	Xp					F	3.0 SW	
66	S	15p	Xs	16s				F	4.0 SW	
67	S	15p	Xs	11s				F	6.3 SW	
68	S	15p	Xs	11s	Xp	15s		F	8.1 SW	
71	S	10p	16p	11s				F	8.5 SSE	
76	S	16p	Xs	11s				F	6.2 SSE	
77	S	16s	18s					F	3.1 SSE	
78	S	16s	22s	18p				F	6.3 SSE	
79	S	11s	16p	18s				F	5.6 SSE	
81	S	24p	11p					F	11.4 NW	
82	S	24p	18p	Xs	11s			F	12.3 NW	
83	S	22p	16p	Xp				F	7.3 NW	
84	S	22p	11p					F	9.0 NW	
85	S	24p	18p	Xs	10s			F	13.2 NW	
86	S	Xp	18p	Xp	18p	Xp	18p	F	8.9 E	
87	S	Xp	18p	16p				F	4.5 E	
88	S	Xs	16s					F	3.8 E	
89	S	18p	Xp	18p	Xp	18p	Xp	F	8.9 W	
90	S	18p	16p	Xp				F	3.9 W	
91	S	18p	11p	Xp	18p			F	8.1 W	
92	S	Gp	22p	Gp	24p			F	9.5 NE	
93	S	Gp	22p					F	4.8 NE	
94	S	18p	16p					F	3.1 NW	
95	S	18s	22p	16p				F	6.3 NW	
96	S	18p	16s	11p				F	5.6 NW	
97	S	18p	13p					F	4.1 NW	
165	S	Wp	15p	Xp				F	3.0 N	
166	S	Wp	15p	Xs	16s			F	3.8 N	
167	S	Wp	15p	Xs	11s			F	6.2 N	
194	S	Wp	18p	16p				F	3.5 N	
196	S	Wp	18p	16s	11p			F	6.1 N	
197	S	Wp	18p	13p				F	4.8 N	



Notes:

1. Mark "X" is an inflatable buoy located approximately 440 yards southwest of the entrance to Shattemuc Yacht Club (near 41E09.5'N, 073E52.5'W).
2. Mark "G" is a small orange can maintained by clubs in Haverstraw Bay at approximately 41E12.5'N, 073E54.5'W.
3. Mark "W", when listed as the first turning mark of the course, is an orange or green inflatable tetrahedron placed in direction approximately to windward of the starting line.