

# 2010 PHYC/SYC Triangle Series Races

## SAILING INSTRUCTIONS

### 1 RULES

- 1.1 The series races will be governed by the 'rules' as defined in *The Racing Rules of Sailing*.
- 1.2 The prescriptions of the United States Sailing Association (US Sailing) national authority will apply.
- 1.3 Individual class rules on file in writing for the current race year with the Race Chairmen may apply.
- 1.4 No single-handed racing is allowed in the PHYC/SYC racing program.

### 2 NOTICES TO COMPETITORS

- 2.1 Notices to competitors will be posted on the official notice boards located at PHYC and SYC after approval of the Race Chairmen.

### 3 CHANGES TO SAILING INSTRUCTIONS

- 3.1 Any change to the sailing instructions will be posted before 0800 on the day it will take effect, except that any change to the schedule of races will be posted by 2000 on the day before it will take effect.

### 4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed at SYC Race Committee Building (Race Shack) may also be displayed at the PHYC flagstaff.
- 4.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 90 minutes' in the race signal AP.

### 5 SCHEDULE OF RACES

- 5.1 The race schedule is located on the back of the program and posted on the race bulletin boards.
- 5.2 The scheduled time of the warning signal for the first race each day is 1055.
- 5.3 Races abandoned ashore will not be rescheduled.
- 5.4 Races abandoned on the water with no more racing that day will not be rescheduled (N over A).

### 6 CLASS PENNANTS

- 6.1 Class Pennants for Series Races will be posted on the official notice boards by May 7<sup>th</sup>, 2010. Unofficial information may be posted on Port Huron Yacht Club website at [www.phyc.org](http://www.phyc.org).
- 6.2 Pennants shall be not less than 9" X 18" in size and shall be flown from the aftermost backstay at 6' above the deck when racing. Boats without a backstay should display the class pennant from a staff at the stern.

### 7 CLASS SPLITS

- 7.1 Final splits will be posted on the official notice boards 72 hours prior to the first race of the Spring and Fall Series. Unofficial information may be posted on Port Huron Yacht Club website at [www.phyc.org](http://www.phyc.org).
- 7.2 Registered yachts can not change classes after 72 hours prior to the first race of the Spring and Fall Series.
- 7.3 New yachts can be added to the series 72 hours prior to the next race in the series. New splits will be posted on the notice boards upon the addition of a new yacht.

### 8 THE COURSES

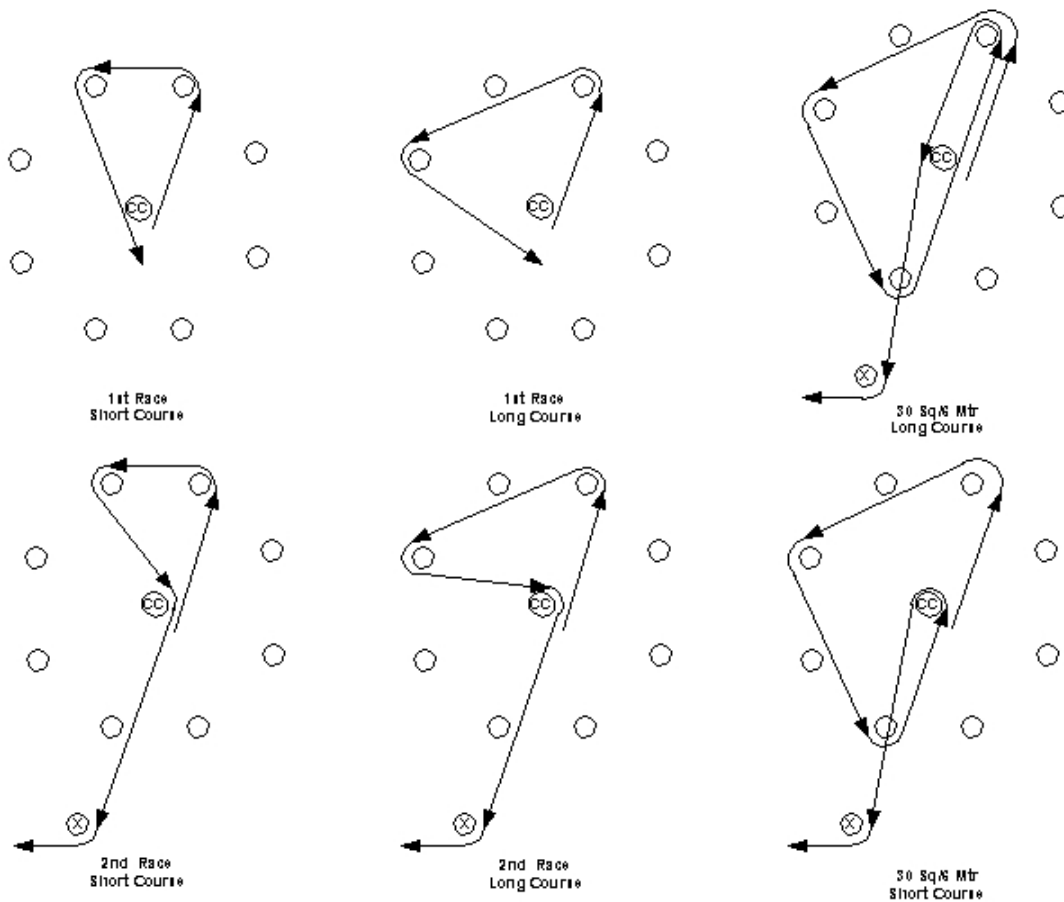
- 8.1 Courses may be shortened before the start of a race by displaying Code Flag S. (Modifies RRS 32)
- 8.2 The Octagonal Course is shown in Appendix 1.
- 8.3 The course will be a triangle from CC to the approximate windward mark determined by the corresponding letter pennant displayed on the RC boat.
- 8.4 For Boats that run two races a day, the absence of the RC boat at the CC finish for the first race indicates only one race for that day. The single race will follow the course for the second race and will finish after rounding X mark between R-2 navigation buoy to starboard and the red stripe on the SYC race shack to port.
- 8.5 No later than the warning signal, the race committee signal boat will display the Code Flag to the 1st letter mark.
- 8.6 Marks A-H shall be rounded to Port. Mark CC shall be rounded to Port unless noted by an "\*" in the table, and then it shall be rounded to starboard. The X mark shall always be rounded to Starboard.

8.7 Each Cruising, Handicap, 30 Square, and 6 Meter Class shall round the marks specified by the Code Flag displayed by the Race Committee and by the following tables:

**Triangle Course Table:**

Code Flag	First Leg	First Race Short Course	First Race Long Course	PHRF TRI Long 30S & 6M Short Only Race	30S & 6M Long Only Race	Second Race Short Course	Second Race Long Course PHRF TRI Short
		3.46 NM	4.27 NM	9.46 NM	11.96 NM	6.88 NM	7.69 NM
A	345°	CC-A-H-Finish	CC-A-G-Finish	CC-A-G-E-CC -X-Finish	CC-A-G-E-A-CC* -X-Finish	CC-A-H-CC* -X-Finish	CC-A-G-CC* -X-Finish
B	030°	CC-B-A-Finish	CC-B-H-Finish	CC-B-H-F-CC -X-Finish	CC-B-H-F-B-CC -X-Finish	CC-B-A-CC* -X-Finish	CC-B-H-CC* -X-Finish
C	075°	CC-C-B-Finish	CC-C-A-Finish	CC-C-A-G-CC* -X-Finish	CC-C-A-G-C-CC -X-Finish	CC-C-B-CC -X-Finish	CC-C-A-CC* -X-Finish
D	120°	CC-D-C-Finish	CC-D-B-Finish	CC-D-B-H-CC* -X-Finish	CC-D-B-H-D-CC -X-Finish	CC-D-C-CC -X-Finish	CC-D-B-CC -X-Finish
E	165°	CC-E-D-Finish	CC-E-C-Finish	CC-E-C-A-CC* -X-Finish	CC-E-C-A-E-CC -X-Finish	CC-E-D-CC -X-Finish	CC-E-C-CC -X-Finish
F	210°	CC-F-E-Finish	CC-F-D-Finish	CC-F-D-B-CC -X-Finish	CC-F-D-B-F-CC -X-Finish	CC-F-E-CC -X-Finish	CC-F-D-CC -X-Finish
G	255°	CC-G-F-Finish	CC-G-E-Finish	CC-G-E-C-CC -X-Finish	CC-G-E-C-G-CC* -X-Finish	CC-G-F-CC -X-Finish	CC-G-E-CC -X-Finish
H	300°	CC-H-G-Finish	CC-H-F-Finish	CC-H-F-D-CC -X-Finish	CC-H-F-D-H-CC* -X-Finish	CC-H-G-CC* -X-Finish	CC-H-F-CC -X-Finish

Typical First Race Triangle Course Routings:

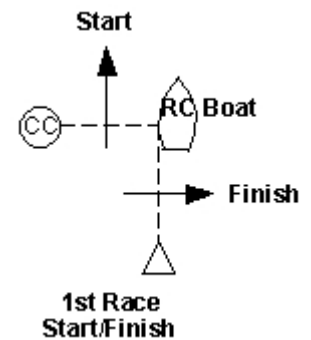


## 9 MARKS

- 9.1 Marks A, B, C, D, E, F, G, H, and X are 4' diameter yellow balls marked with a black letter. Mark CC is a 4' diameter white ball marked with black letters. R-2 is a red channel navigation buoy.
- 9.2 Marks that are damaged but still visible are still to be considered proper marks. Marks that are missing or substantially off-station may be replaced by marks that meet one of the following conditions:
- 4' diameter white or yellow ball with no letter identification.
  - A buoy or stake-boat displaying an M Code Flag.
  - An inflatable orange (or other color) pyramid buoy.
- 9.3 Green inflatable pyramid may be used as a limit mark for the Race Committee Boat. This mark will be considered to be a part of the Race Committee boat.

## 10 THE START

- 10.1 Races will be started by using RRS 26 with the warning signal given 5 minutes before the starting signal.
- 10.2 The Race Committee will display the corresponding number flag for each start. The start number flag should not be confused with the individual class flags. (Modifies RRS 26)
- 10.3 The starting line shall be between a staff displaying the Orange Flag on the Race Committee boat at the starboard end and CC mark at the port end. (See Start/Finish Diagram)  
The starting order for each class will be posted with splits, see 6.1.
- 10.4 Boats whose warning signal has not been made shall avoid the starting area extending 500' behind the starting line and all boats whose warning signal has been made.
- 10.5 The second race for the day will start no sooner than 5 minutes after the last boat finishes the first race, or 5 minutes after time expires, whichever is sooner. Race Committee may display the 2nd Substitute if planning a second race.
- 10.6 When a general recall for a class has been signalled, the start for the recalled class will be moved to the bottom of the starting order. This will retain the starting order for the other classes. (Changes RRS 29.2)



## 11 THE FINISH

- 11.1 The finish line for the first race will be between an inflatable orange (or other color) pyramid buoy to starboard and the orange flag on the Race Committee boat to port. (See Start/Finish Diagram)
- 11.2 The finishing line for a single race or the second race will be the R-2 navigation buoy to starboard and the red stripe on the SYC race shack to port.
- 11.3 After finishing, boats shall not obscure the Race Committee's vision of the finish line and stay clear of boats still racing. Boats should not re-cross the finish line with sails up after finishing.
- 11.4 Boats shall record their finish times, and the boat immediately ahead and astern. Times should be reported to the Race Committee if requested.
- 11.5 The US Coast Guard has advised PHYC/SYC that some commercial traffic may be under escort through the St. Clair River and the Lake Huron shipping channel out to #11 & #12 buoys. Skippers are reminded that all larger commercial vessels have the right-of-way in these areas and must use caution when approaching or crossing the channel when a freighter is present, especially at #2 Buoy when finishing a race.

## 12 TIME LIMITS

- 12.1 Time limit for the first race is 2 hours from the start of the class.
- 12.2 Time limit for a single race or the second race is 4-1/2 hours after the class starting signal, except no time limit for 30 Square & 6 Meter classes.
- 12.3 If one boat finishes within the time limit, the time limit for that class extends by 30 minutes.

### 13 PROTESTS AND REQUESTS FOR REDRESS

- 13.1 Protest forms are available at the SYC Race Committee Race building or PHYC Clubhouse. Protests shall be delivered to the Judge's Committee, the Race Chairmen, or the Principal Race Officer within the protest time limit.
- 13.2 The protest time limit is 3 hours after the finish time of the final race of the day of the protesting yacht.
- 13.3 Protest hearing will be held as soon as a committee can be convened.

### 14 SAFETY REGULATIONS

- 14.1 Each yacht racing, depending on country of registration, shall comply with US or Canadian Coast Guard requirements.
- 14.2 Yachts retiring from a race must identify themselves to the Race Committee as soon as possible using VHF 69, failing that, immediately after arriving ashore by calling 519-332-6779 ext 6.

### 15 EQUIPMENT AND MEASUREMENT CHECKS

- 15.1 A boat or equipment may be inspected at any time for compliance with the class rules and sailing instructions.

### 16 RADIO COMMUNICATION

- 16.1 The Race Committee may monitor and use VHF 69 to hail sail numbers of infringing yachts. Failure to do so will not be grounds for redress.

### 17 SCORING

- 17.1 Unless modified by written class rules or these SIs, the Low Point scoring system of RRS Appendix A will apply.
- 17.2 All boats that do not finish within the time limit of a race will be scored one more than the number of finishers.
- 17.3 A yacht's finish in both the Spring and Fall Series will be determined by the following:
  - If 6 races are completed in the series, there will be two throw outs.
  - If 5 or 4 races are completed in the series, there will be one throw out.
  - If 3 or fewer races are completed in the series, there will be no throw outs.
- 17.4 The Spring and Fall series will consist of the up to 6 races each. To qualify for inclusion in the final series results a boat shall compete in (i.e., come to the starting area for) at least as many of the races completed as provided in the following table:

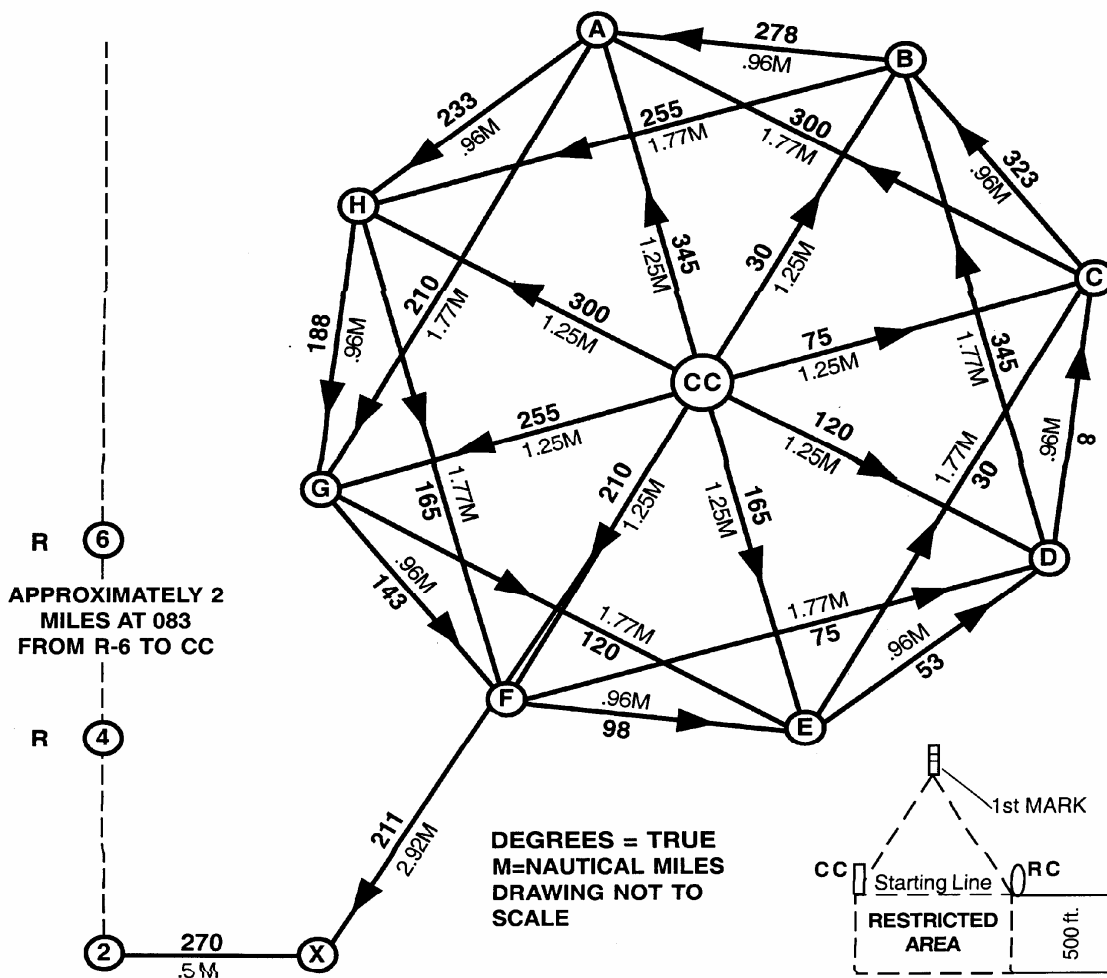
Races Completed	Minimum to Qualify
6	4
5	4
4	3
3 or Less	All Races

- 17.5 To be eligible for the Overall Series a yacht must qualify for both the Spring and Fall Series.
- 17.6 A total of a yacht's Spring and Fall Series points will be used to determine the Overall series awards unless modified by class rules.
- 17.7 After 72 hours all results are final pending any open protests or request for redress.

### 18 PRIZES

- 18.1 Flags and engraved mugs will be given as follows:
  - a. To the top three finishers in each class for Spring and Fall Series.
  - b. To the top three overall finishers for Spring/Fall Combined.
  - c. Only one engraved mug per boat, no matter how many top three finish places.
- 18.2 The Perpetual Trophies will be given to the top overall finisher in the class.

## Appendix 1



### Position of Race Marks

Mark	Lat'	Lon'
A	N 43° 04.252'	W 82° 22.610'
B	N 43° 04.140'	W 82° 21.321'
C	N 43° 03.393'	W 82° 20.544'
D	N 43° 02.419'	W 82° 20.696'
E	N 43° 01.841'	W 82° 21.712'
F	N 43° 01.929'	W 82° 23.046'
G	N 43° 02.714'	W 82° 23.853'
H	N 43° 03.667'	W 82° 23.652'
CC	N 43° 03.015'	W 82° 22.197'
X	N 43° 00.530'	W 82° 24.266'

Note: Coordinates are approximate. Weather and current may alter their positions.