

2012 PHYC/SYC Sunday Series

SAILING INSTRUCTIONS

Updated 5/18/12

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 will apply.
- 1.3 Individual class rules on file with the race chairman prior to May 1st.
- 1.4 The minimum number of crew per boat is two (2).
- 1.5 The Lake Huron PHRF By-Laws will apply and each boat shall have a current Lake Huron PHRF rating certificate.

2 NOTICES TO COMPETITORS

- 2.1 Notices to competitors will be posted on the PHYC website (www.phyc.org) and on the official notice boards located at both PHYC and SYC.

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 the SYC RC Building (Race Shack) and 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 PHYC website (www.phyc.org) and posted on the official notice boards.
- 5.2 The scheduled time of the warning signal for the first race each day is 1055.
- 5.3 At the sole discretion of the Race Chairman, abandoned races may be rescheduled and the scheduled dates and times will be posted on the PHYC website and the official notice boards at least one week before the rescheduled race date.

6 CLASS PENNANTS

- 6.1 Class Pennants for Series Races will be;

| | |
|---------|----------------------------|
| PHRF A | 2nd Substitute |
| PHRF B | H Code Flag |
| PHRF C | 3 rd Substitute |
| PHRF D | 3 rd Substitute |
| LVL 126 | Number 0 |
| CAL 25 | D Code Flag |
| Classic | Number 2 or 3 |
| HDC A | 1 st Substitute |
| CRU 1A | Number 5 |
| CRU 1B | Number 5 w/ Blue Streamer |
| CRU 1C | White Field |
| CRU 2A | Q Code Flag |
| CRU 2B | J Code Flag |

- 6.2 Pennants shall be not less than 9" X 18" in size and shall be flown from the aftermost backstay approximately 6' above the deck when racing. Boats without a backstay must display the class pennant from a staff at the stern.

6.3

7 CLASS SPLITS

- 7.1 Final class splits will be posted on the PHYC website (www.phyc.org) and the official notice boards one week prior to the first race of both the Spring and Fall Series.

8 CHECK-IN PROCEDURE

- 8.1 PHYC/SYC Race Committee (RC) will assign all participating yachts a unique "Participant Number (PN)." This number will typically be the last several numbers of a yacht's sail number, usually three (3) digits. Similar or conflicting numbers may further be identified by an "alpha" designator.
- 8.2 All participating yachts will be identified by and utilize their PN for the entire PHYC/SYC sanctioned racing season.
- 8.3 No later than one (1) hour prior to the start of the first race of any/all racing on a given day, all participating yachts shall cause their PN to be physically recorded with RC at their respective locations as follows: the Race Building for boats at PHYC East, the Property Building for boats at PHYC West and the Race Shack for boats at SYC.
- 8.4 All check in locations will be open for registration from 0800 to 1000 hours on race days.
- 8.5 Any participant retiring from or revising their racing status shall notify RC with their PN as soon as practicable but not later than one (1) hour after so doing. Failure to comply with this requirement may result in protest by RC.

9 MARKS

- 9.1 WL Course Windward Mark #1 will be an orange inflated pyramid. Starting Mark, Finishing Mark and Mark #2 will be a yellow inflated pyramid. Starting Mark, Mark #2 and Finishing Mark will be the same mark.
- 9.2 Triangle Course Marks A, B, C, D, E, F, G, H, and X will be 4' diameter yellow balls marked with a black letter. Mark CC will be a 4' diameter white ball marked with black letters. Mark R-2 is a red government navigation buoy.
- 9.3 Marks that are damaged, missing, or substantially off-station may be replaced by an orange tetrahedron, or an object displaying flag M in accordance with rule 34.
- 9.4 A green inflatable pyramid may be used as a limit mark for the race committee boat. This mark will be considered an extension of the race committee boat.

10 WL COURSES

- 10.1 PHRF A & B, Level 126, Cal 25 and Classic Classes will be racing this format.
- 10.2 There are two races scheduled each race day.
- 10.3 The designated course length to the windward Mark #1 will be approximately 1.0 to 1.5 miles, but will vary dependent upon wind strength. The distance for each race will be approximately 4.0-6.0 miles.
- 10.4 All marks shall be rounded to port.
- 10.5 No later than the warning signal, the race committee boat will display the approximate compass bearing and distance from the RC boat to Mark #1. Changes to the position of Windward Mark #1 will be displayed from the Race Committee Boat near Mark #2 in accordance with RRS 33.
- 10.6 All classes will complete the Course, Start -1-2-1-Finish.

11 TRIANGLE COURSES

- 11.1 Cruising, Handicap A and PHRF D will be racing this format.
- 11.2 There is one race scheduled each race day.
- 11.3 Races may be shortened before the start of a race by displaying flag S at the warning signal. This changes rule 32.
- 11.4 The Octagonal Course diagram is shown in Appendix 1.
- 11.5 No later than the warning signal for each class, the race committee will display a letter that corresponds to the course to be sailed from the course tables below.

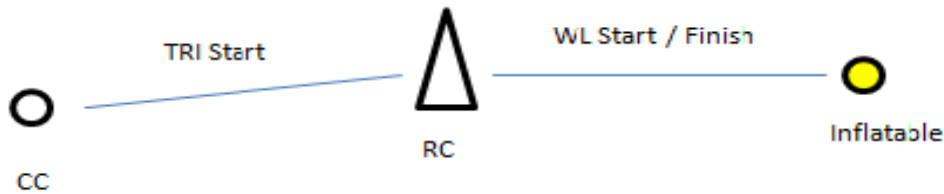
| Code Flag | First Leg | Triangle Course Table | | | |
|-----------|-----------|-----------------------|----------------|-----------------------|---------------|
| | | Short Course | Short Distance | Long Course | Long Distance |
| A | 345° | CC-A-G-CC*-X-Finish | 7.69 NM | CC-A-G-E-CC-X-Finish | 9.46 NM |
| B | 030° | CC-B-H-CC*-X-Finish | 7.69 NM | CC-B-H-F-CC-X-Finish | 9.46 NM |
| C | 075° | CC-C-A-CC*-X-Finish | 7.69 NM | CC-C-A-G-CC*-X-Finish | 9.46 NM |
| #D | 120° | CC-D-B-G-X-Finish | 8.00 NM | CC-D-B-H-F*-X-Finish | 8.70 NM |
| #E | 165° | CC-E-C-G-X-Finish | 8.20NM | CC-E-C-A-G-X-Finish | 9.20 NM |
| F | 210° | CC-F-D-CC-X-Finish | 7.69 NM | CC-F-D-B-CC*X-Finish | 9.46 NM |
| G | 255° | CC-G-E-CC-X-Finish | 7.69 NM | CC-G-E-C-CC-X-Finish | 9.46 NM |
| H | 300° | CC-H-F-CC-X-Finish | 7.69 NM | CC-H-F-D-CC-X-Finish | 9.46 NM |

Marks A-H and 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.

Courses are not standard TRIANGLES, please review closely and complete the course as shown.

12 THE START

- 12.1 Races will be started by using rule 26 with the warning signal made 5 minutes before the starting signal.
- 12.2 The race committee will display the corresponding number flag for each start. This changes rule 26.
- 12.3 The WL COURSE starting line will be between a staff displaying the yellow flag on the race committee boat at the port end and the yellow inflated pyramid mark at the starboard end.
- 12.4 The TRIANGLE COURSE starting line will be between a staff displaying the orange flag on the race committee boat at the starboard end and the CC mark at the port end.



- 12.5 The starting order for each race will be;

| WL #1 | |
|-------|---------|
| #1 | CAL 25 |
| #2 | Classic |
| #3 | PHRF B |
| #4 | LVL 126 |
| #5 | PHRF A |

| TRI #1 | |
|--------|----------------|
| #6 | HDC A / CRU 2B |
| #7 | CRU 2A |
| #8 | CRU 1B |
| #9 | CRU 1A |
| #10 | CRU 1C |
| #11 | PHRF C & D |

| WL #2 | |
|-------|---------|
| #1 | CAL 25 |
| #2 | Classic |
| #3 | PHRF B |
| #4 | LVL 126 |
| #5 | PHRF A |

- 12.6 Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races. The starting area extends 300 feet behind the starting lines.
- 12.7 If the race committee intends to start a second race for the WL Course on the same day, it will display the Second Substitute (with no sound) while boats are finishing.
- 12.8 The warning signal for TRI #1 will be no sooner than 5 minutes after the WL #1 starts are complete.
- 12.9 WL #2 starting sequence will begin no sooner than 5 minutes after the last boat finishes WL #1, or 5 minutes after time expires, whichever is sooner.
- 12.10 When WL #2 starting sequence is in process, boats racing in the TRI #1 shall not interfere with the WL #2 boats by maintaining a 100 yard minimum separation.
- 12.11 When a general recall for a class has been signalled, the start for the recalled class will be moved to the end of the starting order that is in process, and the starting order for the other classes will remain the same. This changes RRS 29.2.

13 THE FINISH

- 13.1 The WL Course finishing line will be between a staff displaying the yellow flag on the race committee boat at the starboard end and the yellow inflated pyramid mark at the port end as approaching the finish.
- 13.2 The Triangle Course Finishing line will be the R-2 government navigation buoy to starboard and the red stripe on the SYC race shack to port.
- 13.3 After finishing, boats shall clear the finish area as quickly as possible so as to not obscure the race committee's view of the finish line and shall not re-cross the finish line with sails up.
- 13.4 Boats shall record their finish times, the boat immediately ahead and astern, and report the information to the race committee if requested.
- 13.5 The US Coast Guard has advised PHYC/SYC that commercial traffic may be under escort through the St. Clair River and the Lake Huron shipping channel out to government buoys #11 and 12. All commercial vessels have the right-of-way in these areas and boats must use caution when approaching or crossing the path of any commercial vessel and especially when finishing a race near government buoy #2.

14 TIME LIMITS

- 14.1 The time limit for WL Course is 2 hours after the class starting signal.
- 14.2 WL Course boats failing to finish within 30 minutes after the first boat in their class sails the course and finishes will be scored Did Not Finish without a hearing. This changes rules 35, A4 and A5.
- 14.3 The time limit for TRI Course is 4.5 hours after the class starting signal. If one boat finishes within the time limit, the time limit for that class extends by 30 minutes. (Changes rule 35)
- 14.4 One boat in a class must finish within the time limit for a race to be scored.
- 14.5 Boats that do not finish within the time limit will be scored one more than the number of finishers in their class. This changes rule A4.2.

15 PROTESTS AND REQUESTS FOR REDRESS

- 15.1** Protest forms are available at the SYC Race Shack and the PHYC clubhouse. Protests and requests for redress or reopening shall be delivered to the Race Chairman or their designate within the appropriate time limit.
- 15.2** For each class, the protest time limit is 3 hours after the last boat has finished the last race of the day.
- 15.3** Notices of protests filed will be posted on the PHYC website (www.phyc.org) by 1800 the day after the race. Parties will be notified by the Race Chairman as to the time and location of the protest hearings.

16 SAFETY REGULATIONS

- 16.1** Each boat racing, depending on country of registration, shall comply with US or Canadian Coast Guard requirements.
- 16.2** A boat that retires from a race shall notify the race committee as soon as possible.

17 EQUIPMENT AND MEASUREMENT CHECKS

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

18 RADIO COMMUNICATION

- 18.1** 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.

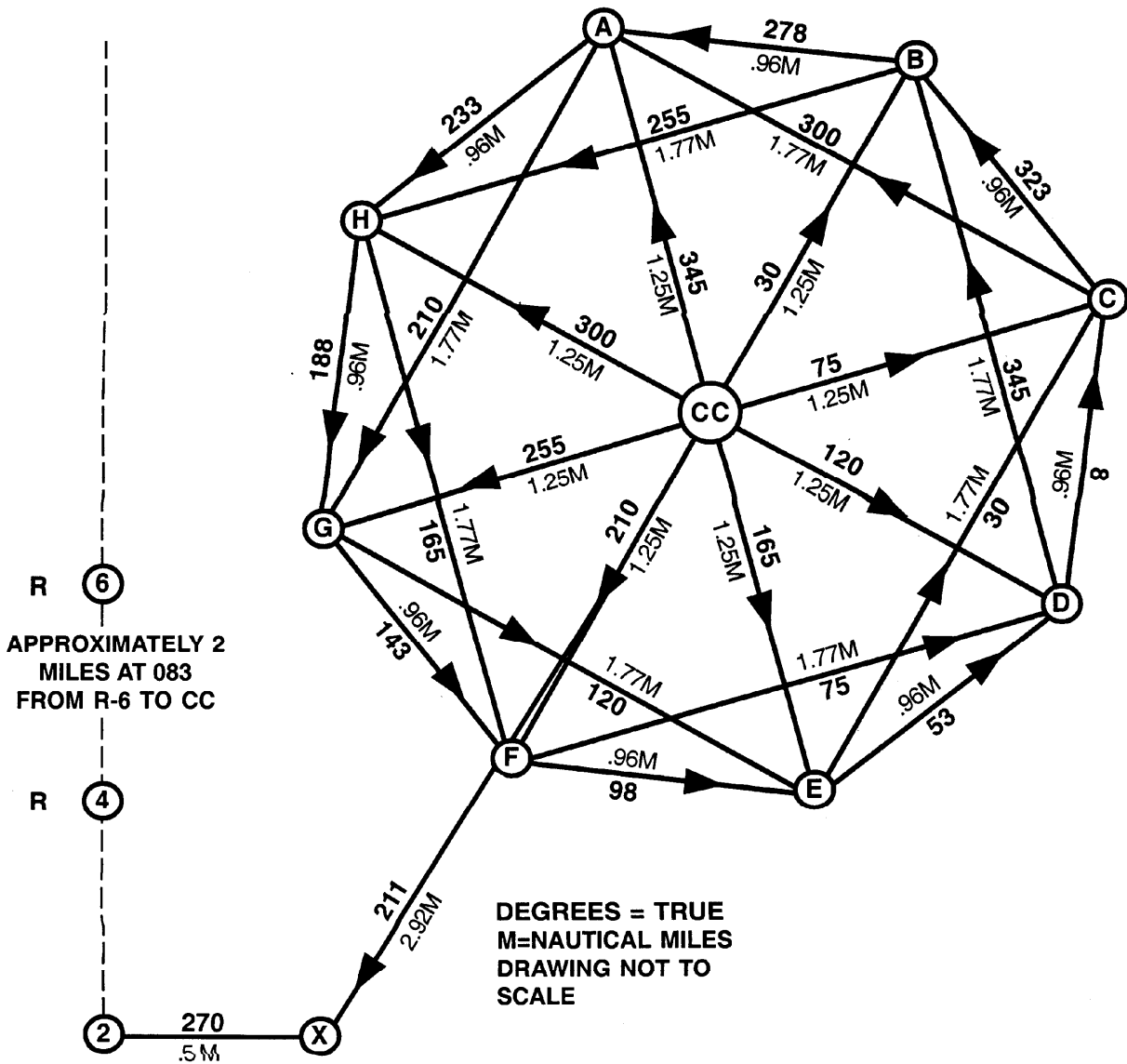
19 SCORING

- 19.1** The Low Point scoring system of Appendix A will apply.
- 19.2** Class rules that modify 19.1 are the responsibility of the class to administrate.
- 19.3** A WL Course boat's score in both the Spring and Fall Series will be determined by the following:
 - 1. If 8 races are completed in the series, there will be two throw outs.
 - 2. If 6 races are completed in the series, there will be one throw out.
- 19.4** A TRIANGLE Course boat's score in both the Spring and Fall Series will be determined by the following:
 - 1. If 4 races are completed in the series, there will be one throw out.
- 19.5** If a boat is scored DNC in any Spring or Fall Series race not used as a throw out, the boat does not qualify for that series.
- 19.6** One race may constitute a series.
- 19.7** To be eligible for the Overall Series a boat must qualify for both the Spring and Fall Series.
- 19.8** A total of a boat's Spring and Fall Series points will be used to determine the Overall series awards.

20 PRIZES

- 20.1** 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.
- 20.2** The Perpetual Trophies will be given to the top overall finisher in each 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.