

Monday and Thursday Night Racing Series

1. INTRODUCTION

These racing instructions are issued by the Dahlgren Yacht Club (DYC) Race Committee and shall govern all the race series sponsored by DYC. These race series shall be governed by *The Racing Rules of Sailing* (RRS) for 2009-2012 as published by the United States Sailing Association (USSA) except as modified by this instruction. By participating in DYC sponsored events, each yacht and crew agree to be governed by these rules. The format of this document is to provide general rules for all DYC series and specific rules for the three Monday Night Series and the three Thursday Night Series.


2. ELIGIBILITY

All entrants must complete a DYC entry form and submit it to the Race Officer or Event Coordinator prior to entry. This form will include a release of DYC and its officers including race officers from any liability concerning the participant in the race. Membership in DYC is required. Guest yachts may be extended temporary participation privileges consistent with normal standards of hospitality.

- a) **Monday Night Series.** The Race Series are open to all yachts eligible under PHRF of the Chesapeake policies and dinghies scored using Portsmouth handicap system.
- b) **Thursday Night Series.** Open to dinghies racing using the Portsmouth Handicap system.

3. SAFETY

All yachts participating in DYC sponsored races shall comply with the following safety requirements. Yachts that do not comply will be disqualified.

- a) **Skipper's Responsibility.** The safety of a yacht and her crew and its entire management, including insurance, shall be the sole responsibility of the skipper/owner. Neither these racing instructions, nor any action or omission of the Race Officer or Race Committee shall in any way reduce this responsibility of the skipper/owner. It shall be the sole responsibility of each yacht/ skipper to decide whether or not to start or to continue a race.
- b) **Check-In.** All competitors are required to sail close by the Race Officer platform before the start and shall hail the Race Officer to inform them of their intent to race.
- c) **Withdraw/Retire.** Any yacht that withdraws or retires from the race shall inform the Race Officer at the earliest opportunity. This procedure is an important safety measure so that all yachts can be accounted for.
- d) **Minimum Safety Equipment.** All competitors will satisfy the minimum safety equipment standards of the USCG appropriate to a yacht of their size. In addition, competitors in the PHRF fleets will comply with Category 6P safety requirements as established by PHRF of the Chesapeake.
- e) **Life Jacket Rule.** When the Code Flag 'Y' (YELLOW and RED diagonally striped flag) or a life jacket is displayed from the Race Officer's location, life jackets or other USCG approved personal flotation devices (PFDs) shall be worn above deck. Unless the Race Officer requires PFDs, the wearing of PFDs is at the discretion of the boat's captain. 
- f) **Render Assistance.** All competitors are reminded of their responsibility under RRS Rule 1.1 to give all possible help to any person or vessel in danger.
- g) **Race Abandonment due to Safety Concerns.** The Race Officer may delay or abandon a race due to bad weather conditions or unforeseen circumstances (such as an active firing range). On Monday night the Portsmouth race may be abandoned without abandoning the PHRF race. The Race Committee may not override a decision of the Race Officer to abandon a race.
 - 1) The Race Committee reserves the authority to abandon a race *prior to the start*. If in the opinion of a majority of the Race Committee members present, conditions warrant

DAHLGREN YACHT CLUB
2012 RACING INSTRUCTION
3 April 2012

- abandonment, the Race Committee will inform the Race Officer of the abandonment and the Race Officer will perform the duties required.
- 2) For Monday Races - In the event of abandonment of a race prior to the Race Officer Boat leaving the dock, the abandonment will be broadcast on VHF radio Channel 68. If the race is abandoned with the Race Officer Boat at the race area, the race will be abandoned in accordance with RRS Rules 27 and 32 and announced on VHF radio Channel 68.
- h) **Bow Lookout.** While in the starting area, prior to a yacht's 5 minute warning signal, all yachts with 3 or more crew will post a bow lookout stationed forward of the mast for collision avoidance.
- i) **Crew Limitations.** All PHRF yachts are required to have at least two (2) persons on board at all times while racing. The PHRF of the Chesapeake maximum crew limitation will not be enforced.
- j) **Radio Communication.** All PHRF event participants shall monitor VHF CH68 to aid in safety and communications.

4. SCHEDULE OF RACES

The schedule of races will be prepared and distributed by the Race Committee. Race schedule is posted on the DYC website, in the Clubhouse and may be found offsite posted at Dahlgren Marine Center. Canceled races will not be made up. There are three Race series named: Spring, Summer and Fall.

5. SCORING

5.1. Series Scoring

The Low Point scoring system, RRS Appendix A4 as modified below, will apply. Awards will be presented at the end of each series. A yacht will be scored DNS for all races in the series in which it did not compete. A DNS score will be the total number of yachts that competed in the series plus 1.

For each race that Race Officer duty is performed, a yacht not competing when providing a Race Officer shall be awarded points equal to the lessor of:

- 1) The average (truncated to an integer) of that yacht's started and completed races in the series.
- 2) The number of boats starting in the race + 1.

A yacht that competes in a race in which that yacht is providing a Race Officer shall be scored based on that yacht's finishing position in the race and will not be awarded points based on performing Race Officer duty.

a) **Monday Night Series.**

PHRF Yacht finishes will be corrected using a time on time formula. The formula being:

$$\text{Corrected time} = \text{Elapsed Time} * \text{TCF}$$

TCF being the Time Correction Factor:

$$\text{TCF} = A / (B + \text{PHRF})$$

Where the Race Committee defines the constants as follows:

$$A = 700$$

$$B = 550$$

Portsmouth boats will be scored by the Portsmouth Handicap system.

Each yacht's total score will be the sum of her 5 best scores for all races in each series. The lowest score at the end of each series wins for that series.

DAHLGREN YACHT CLUB
2012 RACING INSTRUCTION
3 April 2012

- b) **Thursday Night Series Scoring** will be by skipper not boat. Participation in the Laser and Portsmouth fleet races will be scored as two concurrent series. The smaller of 1/2 of the completed races of the series or 4 races will be thrown out.

5.2 Annual High Point Championship.

The High Point Championship is awarded annually to the PHRF-B, PHRF-C, Portsmouth and Laser Fleets. Races counting toward the High Points Championship are the races in the three series for each fleet. A yacht must compete in minimum of 10 races to be eligible for High Point standing. One throw-out is allowed for every 6 races. Throw-outs will be determined by the Chief Scorer to achieve the highest possible score for the yacht. Note that the highest possible score may be the result of a yacht not using all of its throw-outs. Each yacht is scored one point for starting, plus one point for finishing, and one point for each starting yacht it beats. Each yacht's total score is divided by the sum of total number of yachts starting in each race the scored yacht started plus one point for each completed race. The highest score at the end of the year wins. PHRF Awards will be presented for both fleets. Races where a yacht performed Race Officer duty are not included in the high points calculation for that yacht. However race officer duties will count toward the 10 race minimum eligibility requirement.

Portsmouth racers participating in the Monday series will be scored as a separate fleet from the Thursday Night.

6. RACE ADMINISTRATION

6.1. Handicap Requirements

a) PHRF Race Event

Race handicapping will be conducted according to PHRF of the Chesapeake ratings. NYC member yachts and guest yachts without current PHRF certificates will be assigned a temporary handicap by the Race Committee and will be valid for the complete Spring, Summer or Fall Series. Any official PHRF of the Chesapeake rating provided after the start of a series will be applied retroactive to the beginning of the series. Completed Race Series will not be re-scored.

b) Portsmouth Race Event

Yachts will use the Portsmouth Handicap D-PN.

6.2. Fleet Composition.

a) PHRF

- The PHRF fleet will race as separate Non-spinnaker (PHRF-C) and Spinnaker (PHRF-B) fleets.
- PHRF-B fleet yachts rated less than 169 will have a delayed start. The length of the delay is listed as a note in Appendix A – The Starting Sequence.
- A yacht must declare prior to her first start of a series as to whether she is competing as spinnaker or non-spinnaker for that series. If no designation is declared, the designation will be spinnaker. The declaration may be made to either the Race Committee or to the Race Officer of her first race of a series.
- A non-spinnaker yacht will be scored using the 110% of PHRF of the Chesapeake rating if provided rounded up to the next multiple of 3 seconds per mile.
- When participating as a non-spinnaker yacht, only one (1) headsail may be used at a time while racing, except for cutter rigs flying headsails in the normal configuration. Two (2) headsails may be flown during a sail change, which must be completed in a seaman like manner.
- Awards will be issued for each series for the top three boats in the series.

a) Portsmouth

The fleets will consist of the Portsmouth and the Laser one design. Lasers can compete for scoring in both fleets in each race.

DAHLGREN YACHT CLUB
2012 RACING INSTRUCTION
3 April 2012

6.3 Minimum number of participants

A minimum of 2 boats are required at the start of a race for a valid race.

6.4 Monday Night Race Courses and Starts

a) **Race Courses.**

Race courses shall make use of government and other marks in the vicinity of the mouth of the Upper Machodoc Creek. The Race Officer shall display a letter to indicate the course selected from the list. If the letter "Z" is displayed, all competitors should sail close by the Race Officer boat to receive details of a special course.

The courses are defined in Appendix D. Furthermore, each course will assume counter-clockwise (port rounding) as the default direction; the letter "R" appended to the course designator will indicate a clockwise (starboard rounding) course direction. If the basic course is to be repeated, the number of repeats will be appended to the course designation.

- i) When the start is at the Junction Bouy (JB) or further into the river all multiple lap races will be "thread the needle."
- ii) When the start is at the Inner Range Mark (IM) multiple lap races will round JB on each lap. IM will only be used for start and finish.
- iii) In the event of multiple laps, lap times will be recorded in the event the race is later shortened in which case the last lap time will be the finish time.

b) **Start and Finish lines.**

The start and finish lines will be between the orange flag flown from the Race Officer platform and the appropriate starting or finishing mark. The starting area will be the rectangle formed by the starting line and extending 100 yards prior to the starting line. A yacht not racing shall keep clear of yachts that are racing. If the Race Officer boat is not on station at the finish, each yacht shall take her own finishing time when passing the line from the finishing mark perpendicular to the line from the prior mark. Each yacht should also note the time interval between their finish and those of adjacent finishers.

c) **Start Times and Location.**

All yachts should rendezvous with the Race Officer boat in the vicinity of the Junction Mark prior to the scheduled rendezvous time. The Race Officer boat may then lead the fleet to the starting area, which may be located in the river. The regular Monday night rendezvous time will be 1630 for Monday. No race start sequence shall begin prior to 1654 for Monday, unless otherwise scheduled.

d) **Time Limit.**

Unless otherwise stated, the time limit for races during April, May, September, and October will be 1900. During June, July and August the time limit will be 1930. If two or more yachts finish within the time limit, then the race shall be valid for all competitors. At the discretion of the Race Officer the time limit may be extended 15 minutes. Yachts finishing more than one hour after the time limit will receive a DNF (did not finish). The Race Officer boat is required to remain on station unless released by boats remaining on the race course.

e) **Starting signals.**

The starting signals described in RRS Rule 26 shall be used. See appendix A for information on the start sequence.

6.5 Thursday Night Race Courses and Starts

a) **Race Courses.**

Race courses shall consist of orange or yellow balls, and Aids to Navigation (ATON). The course will be specified verbally by the Race Officer before the start.

b) **Start / Finish line.**

DAHLGREN YACHT CLUB
2012 RACING INSTRUCTION
3 April 2012

The start / finish line will be between the orange flag flown from the end of the DYC Pier or race officer boat and a small orange buoy. Competitors will cross the starting line in the direction of the first mark, and cross the finishing line in the direction from the last mark.

c) **Start Times.**

No race start shall be prior to 1700 on Thursday nights. The number of races run on a given night is at the discretion of the Race Officer and wind conditions. There shall be no more than 4 races per night.

d) **Time Limit.**

There is no specific time limit short of darkness. The Race Officer may abandon a race that, in the Race Officer's opinion, cannot be completed in the principles of fair racing, safety, or darkness.

e) **Starting signals.**

The starting signals described in RRS Rule 26 shall be used. See Appendix A for the starting sequence flag description.

6.6 Race Officer Duties

Each skipper/owner participating in any Race Series will be required to provide a Race Officer and platform for the purpose of conducting the race in accordance with these race instructions. A minimum of two persons is required to serve on the Race Officer boat if the race starts/finishes beyond day mark 8 in Machodoc Creek. The Monday and Thursday Night Race Coordinators shall make duty assignments for their respective series. It is the responsibility of the skipper to notify their respective coordinator if unable to perform these duties. Skippers neglecting these duties may be disqualified and disallowed from participating in the Race Series.

7. PROTESTS AND PENALTIES

7.1 Protests.

Protests shall be made in accordance with RRS 61 Protest Requirements. Protests must be declared to the Race Officer at the finish line and the actual protest form must be submitted within 1 hour from the time the Race Officer boat docks. The Race Governor or event coordinator is responsible for appointing protest committees and ensuring protests are received, heard and decided in accordance with RRS Part 5, Section B.

7.2 Penalties.

a) **Minor Infraction.**

The Two-Turns Penalty, RRS Rule 44.1, shall apply in the event of a minor infraction of rules RRS Part 2 during a race.

b) **Touching A Mark.**

The yacht may exonerate infringement of RRS Rule 31.1, TOUCHING A MARK, by a yacht by taking the **One Turn Penalty** of RRS Rule 44.1.





























8. CHANGES TO THE RACING INSTRUCTIONS

Any amendment to these instructions will be distributed to all competitors and posted at the DYC Clubhouse. In addition, a notice will be posted at Dahlgren Marine Center. Any amendment will be posted 1 hour before the Race Officer platform leaves the Dock. It is the responsibility of the skipper to check for and comply with posted notices.

DAHLGREN YACHT CLUB
2012 RACING INSTRUCTION
 3 April 2012

Appendix A Starting Sequence

| | |
|---|----------------------------------|
| Monday Night: Three starts | Thursday Night: One start |
| White Fleet is Non-Spinnaker | White Fleet is Portsmouth |
| Red Fleet is PHRF 170 and greater | |
| Blue Fleet is PHRF < 170 and any Portsmouth boats | |

| Time Minutes | Action | Displayed Flags | | Flag Change |
|------------------------------------|---|---|--|---|
| | Postponement Flag Flying |  | |  |
| 0 Start clock | Lower Postponement Flag , start the countup clock, record the current time of day, and sound horn 1 time. | | |  ↓ |
| 1 | Hoist pure White flag, sound horn. “ White ” Warning Signal |  | |  ↑ |
| 2 | Hoist “ P ” Flag, sound horn “ White ” Prep Signal |   | |  ↑ |
| 5 | Lower “ P ” flag, long sound horn “ White ” One-Minute Signal |  | |  ↓ |
| 6 | Lower “ White ” flag, sound horn “ White ” Start Signal <i>For Monday night second start:</i> Raise “ Red ” Flag “ >= 170 ” Warning Signal |   | |  ↓  ↑ |
| 7 | Hoist “ P ” Flag, sound horn “ Red ” Prep Signal |   | |  ↑ |
| 10 | Lower “ P ” flag, long sound horn “ Red ” One-Minute Signal |  | |  ↓ |
| 11 | Lower Red flag, sound horn “ Red ” Start Signal <i>For Monday night third start:</i> Raise Blue Flag “ Blue ” Warning Signal |   | |  ↓  ↑ |
| 12 | Hoist “ P ” Flag, sound horn “ Blue ” Prep Signal |   | | |
| 15 | Lower “ P ” flag, long sound horn “ Blue ” One-Minute Signal |  | |  ↓ |
| 16 | Lower Blue Flag, sound horn “ Blue ” Start Signal | | |  |

Appendix B Race Signals

The meanings of visual and sound signals are stated below. When a visual signal is displayed over a fleet flag, the signal applies only to that fleet.

| | |
|----------|-------------------------------|
| ↑ . . | Hoist and sound horn 2 times |
| ↑ . | Hoist and sound horn 1 time |
| . ____ . | Make repetitive sound on horn |
| ↓ . | Lower and sound horn 1 time |



Races not started are postponed. Warning or other signal will be made 1 minute after removal.



Protest Flag.



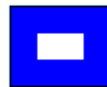
The position of the next mark has changed.



Start/Finish Line on RC Boat.



All races are abandoned.



Preparatory Signal



Race course shortened.



General recall.



No. of laps in a multi-lap racecourse are reduced.



Individual recall.



Wear personal buoyancy.

Appendix C Race Management After the Start



Individual recalls.

Individual recalls will be indicated in accordance with RRS Rule 29. 2 - Flag X (white flag with a blue cross). If any part of any yacht(s) is over the start line when the start signal is made, a second horn will be sounded and flag "X" will be displayed. The Race Officer may hail the premature starter(s). When all premature starter(s) have returned to behind the start line, or after 4 minutes, flag "X" will be lowered. Yachts returning to restart have no rights over yachts that have started.



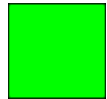
Shortened course.

When appropriate, the Race Officer may shorten the course by flying flag "S" (a white flag with a blue square in the center). In this event, the Race Officer shall make every effort to inform all competitors by using VHF CH68, two sound signals and hailing. The finish line shall be a line from the finishing mark perpendicular to the course from the prior mark. The Race Officer boat shall be placed so that finishing yachts will pass the mark on the original course side of the mark. The Race Officer can shorten the course to one of the designated marks for the course, while the competitors are on that leg.



Change of course.

The Race Officer may change a leg of the course that begins at a rounding mark by changing the position of the next mark (or the finishing line) and notifying all competitors on VHF CH68 before any yacht begins the leg. The next mark need not be in position at that time.



Reducing Laps in Multi-Lap Course.

When appropriate and prior to any yacht completing the original course, the Race Officer may reduce the number of laps in a multi-lap course to the last lap completed by the lead yacht by flying the pure green flag. In this event, the Race Officer shall make every effort to inform all competitors by using VHF CH68, two sound signals and hailing. The finish line shall be a line from the finishing mark perpendicular to the course from the prior mark. The latest lap times will be used as the official finish times. Yachts that have not completed the last lap of the race within one hour after the 1st yacht in their fleet will be scored "DNF".



Abandon Race.

When appropriate, the Race Officer may abandon the race by flying flag "N" (a blue and white checkerboard flag). In this event, the Race Officer shall make every effort to inform all competitors by using VHF CH68, three sound signals and hailing. When the race is abandoned, there will be no score for any yacht regardless of finish.

Appendix D List of Courses for Monday Race Series

Courses will be indicated on a course board with 2 columns for the course indication followed by one column for PHRF C fleet lap count and 1 column for PHRF B fleet lap count.

- WA12 is course WA with "PHRF C fleet" 1 lap and "PHRF B fleet" 2 laps.
- Normal Course -- Round **Marks to Port**
- Reverse Course -- Round Marks to Starboard
- IM Start -- Normal course round JB to Starboard after start
 -- Reverse course round JB to Port before finish
- Marks in Parenthesis are repeated for multiple laps

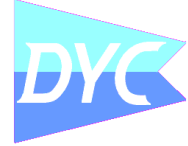
| Course Name | Preferred Start/Finish Pins | Alternate Start/Finish Pins | Course Marks (***) is lap repeat |
|-------------|-----------------------------|-----------------------------|-----------------------------------|
| A | JB | IM, BC4, 6 | (BC2, 29, JB) |
| B | JB | IM, BC4, 6 | (BC2, 4, JB) |
| C | JB | IM, BC4 | (BC2, 6, JB) |
| D | JB | IM, 6 | (BC4, 4, JB) |
| E | JB | IM | (BC4, 6, JB) |
| F | JB | IM | BC4, (6, BC4), 6, JB |
| G | JB | IM | BC2, (4, BC2), 4, JB |
| WA | JB | IM | (BC4, JB) |
| WB | JB | IM | (BC2, JB) |
| WC | JB | IM | (S, JB) |
| WD | JB | IM | (4, JB) |
| WE | JB | IM | (29, JB) |
| WF | JB | IM | (32, JB) |
| WG | JB | IM | (P, JB) |
| WH | JB | IM | (D, JB) |
| Z | | | See Race Officer |

Key for Marks:

| | |
|-----|---|
| IM | Inner Range Mark in Machodoc Creek |
| JB | Red & green day mark at junction of Machodoc Creek and the back channel |
| 2 | Main channel red nun 2 |
| 4 | Main channel red nun 4 |
| 6 | Main channel red nun 6 |
| 29 | Main channel green buoy 29 |
| BC2 | Back channel red nun 2 |
| BC4 | Back channel red nun 4 |
| S | Government nun S (SE of back channel) |
| P | Government nun P (E of S) |
| D | "D" Navigation Mo(A) (E of P) |
| 32 | Main channel red buoy 32 (N of 29) |
| M | Race Officer Placed Mark |



Dahlgren Yacht Club



2012 DYC Race Entry Form

Select Events:

- | | |
|--|---|
| <input type="checkbox"/> Monday Night PHRF | <input type="checkbox"/> Dahlgren Cup |
| <input type="checkbox"/> Thursday Night Portsmouth | <input type="checkbox"/> St. Clements Island Race |
| | <input type="checkbox"/> Under the Guns Regatta |

Select Configuration:

- | | |
|------------------------------------|--|
| <input type="checkbox"/> Spinnaker | <input type="checkbox"/> Non-Spinnaker |
|------------------------------------|--|

Boat Information

Name:

Sail Number:

Make/Model:

Length:

Rating (if known):

Skipper/Owner Information

Yacht Club:

Name:

Address:

Home Phone:

Office Phone:

Cell Phone:

Email:

I agree to abide by the regulations and sailing instructions provided by the Dahlgren Yacht Club for this event. For PHRF entries, I certify that this yacht conforms in every way to PHRF Rules and Measurements and is provided with the appropriate safety equipment required by the PHRF Rules. For Portsmouth entries, I certify that this yacht conforms in every way to Class Rules and Measurements and is provided with the appropriate safety equipment required by the Class Rules. In consideration of being permitted to enter this event, being knowledgeable of the risks of competitive sailing and knowing that it is my sole responsibility to decide whether to enter or to continue any race, I voluntarily assume the risk of participation in this event and release the Dahlgren Yacht Club, sponsors and anyone connected with or conducting this event from all liability in connection with any injury or damage that may occur.

Signature:

Date:

Mail the completed form to:
Dahlgren Yacht Club
PO Box 90
Dahlgren, VA 22448

Contact for any information or questions: DYC Race Committee - Email to:
racecom@dahlgrenyachtclub.org