

## **Thursday Night Racing Program (TNR) 2021 Sailing Instructions**

Updated June 3, 2021. Replaces All Prior Editions

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).

### **RULES**

- 1.1** The series will be governed by the rules as defined in *The Racing Rules of Sailing* (RRS) for 2021-2024.

### **2 CHANGES TO SAILING INSTRUCTIONS**

- 2.1** Any change to the Sailing Instructions will be posted not later than 1800 (6 PM) on the day before it will take effect.
- 2.2** Changes to a sailing instruction may be made on the water prior to the warning signal for each race by broadcasting via VHF channel 71.

### **3 COMMUNICATIONS WITH COMPETITORS**

- 3.1** Notices to competitors will be posted on the DSC website located at <https://downtownsailing.org/tnrofficialnoticeboard>.
- 3.2** The race office consists of the Race Committee and Race Committee Bag (green dry-bag).
- 3.3** On the water, the race committee intends to monitor and communicate with competitors on VHF channel 71.

### **4 CODE OF CONDUCT**

- 4.1** Competitors and support persons shall comply with reasonable requests from race officials.

### **5 SIGNALS MADE ASHORE**

- 5.1** No signals will be made ashore, except that the Race Committee may delay the start time due to inclement weather by announcing the postponement on VHF 71 and/or verbally notifying each skipper.

### **6 SCHEDULE OF RACES**

- 6.1** Dates of racing:
  - Practice Series (Main and Jib only, non-scored): April 8, 15, 22, 29
  - Series 1: May 6, 13, 20, 27, June 6, 10, 17, 24, July 1, 8, 15

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- Series 2: July 22, 29, August 5, 12, 19, 26, September 2, 9, 16, 23, 30

**6.2** The scheduled time of the warning signal for the first race each day is 1800 (6 PM).

**6.3** No warning signal will be made within 30 minutes of sunset.

**7 CLASS FLAGS**

**7.1** The J/22 class flag will be *Pennant 1*. The Sonar class flag will be *Pennant 2*.

**8 RACING AREAS**

**8.1** Racing Areas

- Alpha - Patapsco River north and west of Tide Point and east of Harbor View Tower
- Bravo - Patapsco River north and west of Fort McHenry and east of Broadway Pie
- Charlie - Patapsco River North of Fort McHenry
- Delta - Patapsco River East of Fort McHenry, in the vicinity of mark 'FM' between the *Northwest Branch* and *Middle Branch*

**8.2** See Attachment 'A' for a diagram of the racing areas.

**9 COURSES**

**9.1** All courses shall be windward-leeward courses, as illustrated in Attachment B. The Race Committee Boat shall display the course designation on her starboard side no later than the warning signal.

**9.2** Additional information about course and wind restrictions can be found in Attachment 'C', "*TNR RACE COMMITTEE GUIDELINES, COURSE REQUIREMENTS, AND WIND RESTRICTIONS.*"

**10 MARKS**

**10.1** All marks will be drop marks:

- Rounding and gate marks (1, 2s, 2p) will be orange tetrahedrons.
- The starting and finishing mark (S/F) will be an inflatable yellow ball
- A "Keep Off" buoy may be tied astern of the Race Committee Boat and shall be considered an extension of the Race Committee Boat.

**11 OBSTRUCTIONS**

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- 11.1** The following area is designated as an obstruction: The area of the Patapsco River between Fort McHenry and the three (3) green buoys off its northeast shore: G “7” Q G; G “5” Fl G 4s; G “3” Q G.

**12 THE START**

- 12.1** Races will be started according to the Audible-Signal Racing System, per Appendix U of the RRS. This changes RRS 26.
- 12.2** The starting line is between a staff displaying an orange flag on the signal boat and the course side of the starting mark.
- 12.3** [NP] [DP] Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.
- 12.4** A boat that does not start within five (5) minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A5.1 and A5.2.

**13 CHANGING THE NEXT LEG OF THE COURSE**

- 13.1** To change the next leg of the course, the race committee will move the original mark (or the finishing line) to a new position.
- If the direction and/or length of the leg will be changed, the signal shall be the display of flag C with repetitive sounds. No compass bearing, course board, or additional signal will be displayed. This changes RRS 33(a) and 33(b).

**14 THE FINISH**

- 14.1** The finishing line is between a staff displaying an orange flag on a race committee boat and the course side of the finishing mark.

**15 PENALTY SYSTEM**

- 15.1** Appendix T applies.
- 15.2** For the purposes of interpreting RRS 44.1(b), "serious damage" shall consist of any visible or structural damage.
- 15.3** Any skipper and/or team found by the DSC to be liable for damages incurred during Thursday Night Racing shall receive a score of DNE, without a hearing, for that and all subsequent races until damages have been paid in full. This changes RRS 63.1 and A5.

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**16 TIME LIMITS**

**16.1** Time limits are as follows:

- Mark 1 time limit is 25 minutes. If no boat has passed Mark 1 within the Mark 1 time limit, the race will be abandoned.
- The race time limit is 45 minutes.

**16.2** Boats failing to finish within 15 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.

**17 PROTESTS AND HEARING REQUESTS**

**17.1** For each class, the protest time limit is 60 minutes after the last boat in that class finishes the last race of the day or 30 minutes after the Race Committee docks, whichever is later.

**17.2** A protesting boat need not display a red flag. This changes RRS 61.1(a).

**17.3** Promptly following the completion of each race, a boat that intends to protest an incident in that race shall notify the Race Committee.

**17.4** When there is contact involving any DSC boat(s): each DSC boat shall protest or accept penalty, as appropriate.

- If the fouling boat exonerates herself on the water and there is no damage, the protest need not be in writing.

**17.5** Protest Forms and Scoring Penalty and Protest Withdrawal Forms are available from the Race Committee and at <https://downtownsailing.org/tnofficialnoticeboard>.

**17.6** Directly following the close of the protest time limit, Arbitration shall be held for each protest according to the prescriptions in Appendix T. Arbitration will be held near the DSC docks in the order of protest forms received.

**17.7** Parties that fail to attend Arbitration shall have the following penalties assigned without a hearing unless rule 44.1(b) applies:

- Protesting parties will have their protest(s) disallowed;
- Protested parties will receive a score of DSQ for the race in which they were protested. This changes RRS 63.1 and T2.

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**17.8** Protest hearings will be held virtually the Wednesday after the date of the protest at 1800 (6 pm) local time. The DSC will create the virtual hearing and email a link/access to all involved parties.

**18 SERIES SCORING**

**18.1** Each J/22 Class team must complete 1 night of Race Committee (RC) duty per series, as per the posted rotation schedule, in order to be scored for that series. Each team shall field a minimum of 5 people for RC.

**18.2** A J/22 class team fulfilling their RC Duty shall be granted redress, without a hearing, for all races that night. Her redress score shall be the average, to the nearest tenth of a point, of her points in all races in the series. This changes RRS 63.1

- The RC team may field a race boat in addition, provided there is an available boat, but her scores for all races that night will be RDG as above.

**18.3** For the J/22 Spinnaker Class, The Low Point scoring system of Appendix A will apply for each series.

**18.4** For the Sonar Non-Spinnaker Class: The Low Point scoring system of Appendix A will apply for the entire calendar season; scoring is provisional only.

**18.5** Individual skippers will have the opportunity to be scored in the High Point Series as elaborated in Attachment D.

**18.6** Series scoring for the J/22 Spinnaker Class:

- When fewer than eight (8) races have been completed, a boat's series score will be the total of her race scores.
- When from eight (8) to eleven (11) races have been completed, a boat's series score will be the total of her race scores excluding her worst score.
- When twelve (12) to fifteen (15) races have been completed, a boat's series score will be the total of her race scores excluding her two (2) worst scores.
- When sixteen (16) to nineteen (19) races have been completed, a boat's series score will be the total of her race scores excluding her three (3) worst scores.
- When twenty (20) or more races have been completed, a boat's series score will be the total of her race scores excluding her four (4) worst scores.

**19 SAFETY REGULATIONS**

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**19.1** [NP] [DP] Each boat shall check in prior to the start of the first race in which she competes each night by sailing by the signal boat and hailing her bow/sail number and the skipper on board.

**19.2** A boat that retires from a race and/or leaves the racing area prior to the last race shall notify the race committee as soon as possible.

**20 REPLACEMENT OF CREWS/SKIPPERS**

**20.1** [NP] [DP] For the J/22 class: Substitute skippers and/or crew, i.e. not part of the original registered team, may be allowed only at the discretion of the DSC.

**21 Boats Provided by the Organizing Authority, Downtown Sailing Center (DSC)**

**21.1** Boats will be supplied by the DSC. See Addendum E.

**22 ADVERTISING**

**22.1** A boat and her crew shall not display any advertising, as defined in World Sailing Advertising Code, Regulation 20.1.1, on competitors clothing, the boat, or sails without prior approval from the DSC. Boats failing to comply with this rule will be scored DNE without a hearing for all races started. This rule is intended to discourage corporate promotion or sponsorship that is not pre-approved by the DSC. This changes RRS A5.

**22.2** Boats may be required to display advertising chosen and supplied by the DSC, in accordance with World Sailing Advertising Code.

**23 DISCLAIMER OF LIABILITY**

**23.1** Competitors participate in the regatta entirely at their own risk. See RRS 3, **Decision to Race**. The DSC or its agents will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

**24 RIGHTS TO USE NAME AND LIKENESS**

**24.1** By participating in the Thursday Night Racing Series, competitors automatically grant to the DSC the right, in perpetuity, to make, use, and show, at their discretion, any photography, audio, and video recordings, and other reproductions of them made at the venue without compensation.

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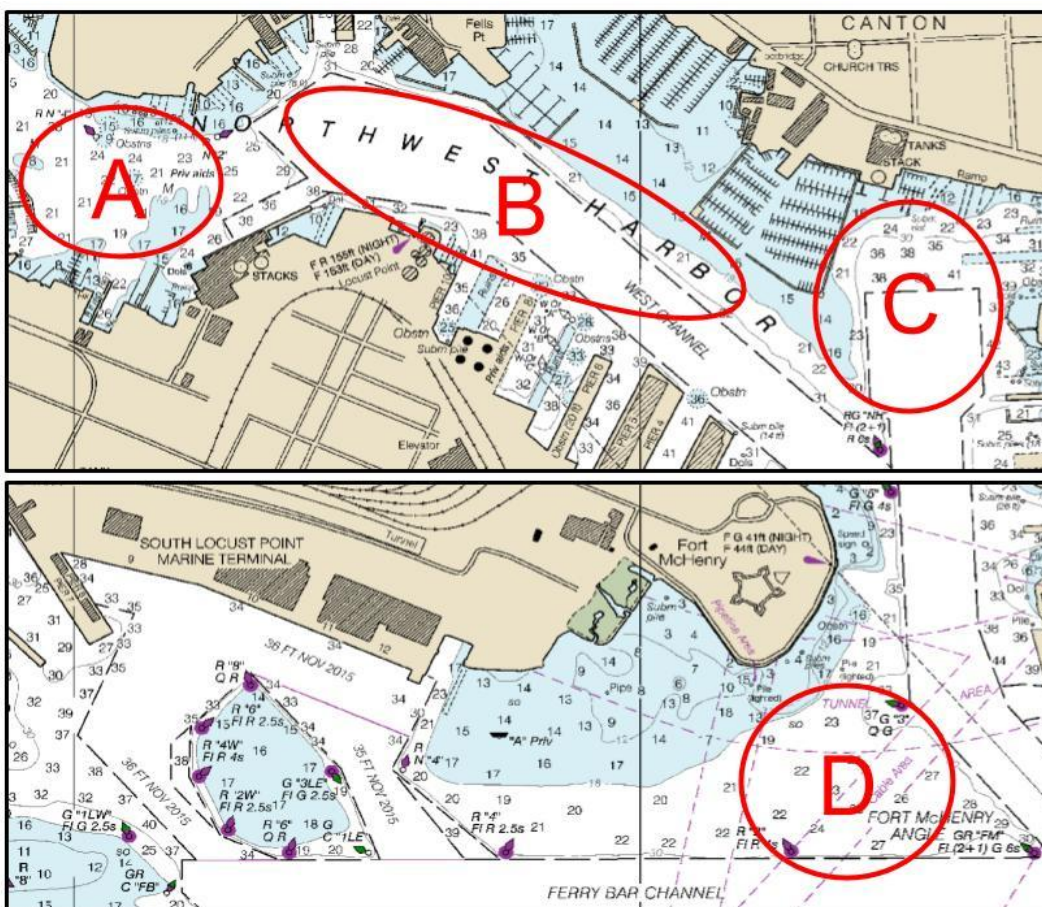
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**Attachment A: Racing Areas**

Course 'B' should be used sparingly and only at the discretion of the DSC on a per event basis.



**Course 'A':** Used primarily for NW winds and for early- and late-season racing

**Course 'B':** Used sparingly, only at discretion of DSC staff/PRO; NW & SE winds only

**Course 'C':** Primary TNR racing area; All wind directions

**Course 'D':** Used only during summer months; N, NE, E, SE, S, & SW winds

For more information concerning these venues, please consult NOAA Chart 12281.

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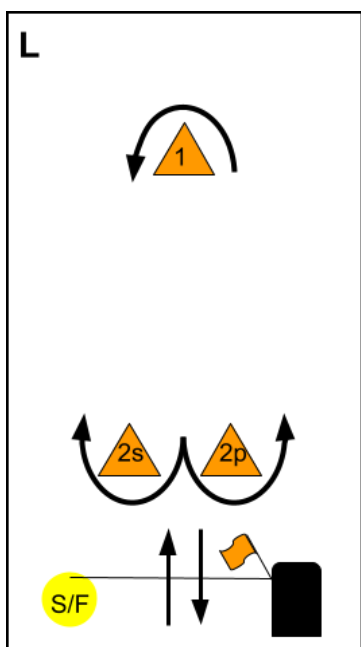
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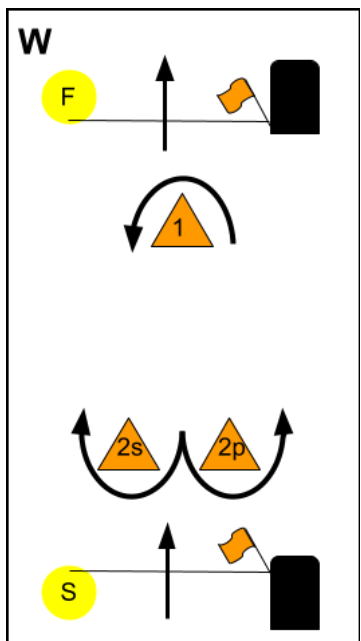
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**Attachment B: Course Diagrams**

The Preferred Course for the J/22 Class is an L2. The preferred course for the sonar class is L1.



<b>Course L - Windward/Leeward, Leeward Finish</b>	
<i>Signal</i>	<i>Mark Rounding Order</i>
L1	Start - 1 - Finish
L2	Start - 1 - 2s/2p - 1 - Finish



<b>Course W - Windward/Leeward, Windward Finish</b>	
<i>Signal</i>	<i>Mark Rounding Order</i>
W2	Start - 1 - 2s/2p - Finish
W3	Start - 1 - 2s/2p - 1 - 2s/2p - Finish



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**Attachment C: Race Committee Guidelines, Course Requirements, and Wind Restrictions**

1. Races should not be started unless the Race Committee is satisfied that the wind speed in the starting area, and, to the best of its belief, on the rest of the course, is in excess of an average of three knots (3.45 mph) for a period of at least five (5) minutes.

2. If average wind speed falls below three (3) knots for a sustained period of five (5) minutes during a race, the race shall be abandoned.

3. In races started when winds exceed 20mph sustained, or when conditions dictate:

- Spinnakers shall not be used
- Mainsails shall be reefed
- All competitors shall wear PFDs

This shall be communicated over VHF channel 71

4. If average wind direction shifts 50 degrees in one direction sustained for a period of five (5) minutes during a race, the race shall be abandoned.

5. The length of the starting line shall be *at least* the combined length of all the J/22 Class boats or 30 seconds long, whichever distance is greater. For reference, a boat traveling at 4 kts will take approximately 37 seconds to travel 248' (= to 11 J/22 lengths). The recommended line length is 1.25-1.5 multiplied by the combined length of all the J/22 Class boats (14 - 17 boat lengths).

6. J/22 courses shall be one of the following courses according to Attachment 'B': L3; L4, L5. Courses may be shortened according to these Sailing Instructions.

7. Sonar courses shall be one of the following courses according to Attachment 'B': L2; L3; L4

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**Attachment D: Skipper High Point Scoring**

**1.a** The High Point Series will consist of the regular 2021 TNR season races (May 6 - Sept 30). To qualify for inclusion in the High Point Series, a skipper must have been scored for at least 30% of the races completed.

**1.b** The skipper name submitted to RC during each night of racing shall be the skipper scored for ALL races on that date.

**2 Race Scores:** Define 'N' to be the number of boats that compete in a particular race. Each skipper finishing that race and not thereafter retiring or being disqualified will be scored as follows:

<b>Finishing place</b>	<b>Score</b>
First	N
Second	N-1
Third	N-2
Fourth	N-3
Each place thereafter	Subtract 1 point

All other boats that compete in that race, including any that finish and thereafter retire or are disqualified, will score 0 points. Boats that do not compete in that race (DNC) will not be scored.

**3** The series score for each skipper will be a percentage calculated as follows: divide the sum of his/her race scores by the sum of the points they would have scored if they had placed first in every race in which they competed; multiply the result by 100. I.e.:

$$(\text{Total number of points earned}) / (\text{Maximum number of points possible}) \times 100$$

The qualified skipper with the highest series score is the winner, and others are ranked accordingly.

**4** Race ties will be handled using rule A7. Series ties will be broken using rule A8.1. Rules A1, A3, A5, A6, A10 and A11 also apply.

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**Attachment E: Boats supplied by the DSC:**

- 1 Boats will be provided for all competitors, who shall not modify them or cause them to be modified in any way except that:
  - a compass may be tied or taped to the hull or spars;
  - wind indicators, including yarn or thread, may be tied or taped anywhere on the boat;
  - adhesive tape may be used anywhere above the water line.
  - personal tiller extensions and sheets may be used as long as all DSC equipment is returned to its working order.
- 2 Hulls, keels, and rudders may not be cleaned except at the discretion of the DSC.
- 3 Competitors shall report any damage or loss of equipment, however slight, to the DSC's representative immediately after securing the boat ashore.
- 4 All trash and personal items shall be removed from the boat at the end of racing each night.
- 5 A competing boat's mainsail and jib shall consist of the DSC supplied sails rigged on each boat.
- 6 For J/22 Spinnaker Class boats, a competing boat's spinnaker and sheets shall conform to the one-design class rules for that boat. Sail number requirements shall not apply. Spinnakers, sheets, and twings are available for use from DSC for an additional fee: **\$50** for Spinnaker, **\$25** for sheet and twing set consisting of 2x sheets and 2x twings
- 7 J/22 class boats will be assigned according to the posted boat rotation schedule available here: <https://downtownsailing.org/tnrofficialnoticeboard>
- 8 Sonar Class Boat Reservations: Sonar class boats shall be reserved on a first come, first serve basis. All DSC skipper requirements apply.
- 9 The penalty for not complying with one of the above instructions will be disqualification from all races sailed in which the instruction was broken.