



# Junior Sailing Association of Long Island Sound

## 2017 RULES FOR JSA EVENTS

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## Introduction

*The Rules for JSA Events were assembled with careful thought and discussion and went through many years without significant change. In 2017, in conjunction with the quadrennial World Sailing and US Sailing update to the Racing Rules of Sailing(RRS), it was decided to undertake a comprehensive review of the JSA rules. The reasons included:*

- 1. Many of the JSA rules have been incorporated into the Racing Rules of Sailing (RRS), especially the 2017 edition, and there was no longer a need to specifically call them out.*
- 2. The role of the Notice of Race (NOR) has evolved over the years, and many of the JSA rules are now incorporated therein, so may be eliminated here.*
- 3. US Sailing has made changes to much of the language used in US Sailing junior championship events, including the Code of Conduct and SafeSport Handbook. The JSA rules have been changed to more closely mirror US Sailing.*
- 4. The new role of a Technical Committee as defined in the 2017 RRS*
- 5. Trying to define all JSA rules in one document was unwieldy.*
- 6. A general reorganization of the document was needed.*

***In almost no case is there an actual change to what our young sailors must do.*** For example, instead of an extensive set of rules describing misconduct, the JSA will rely on the RRS Basic Principles, the addition of “support person” in RRS 3, and the new part 5 section C, Misconduct, in the RRS, with its definition of misconduct as “conduct that is a breach of good manners, a breach of good sportsmanship, or unethical behavior; or conduct that may bring the sport into disrepute.” These are rules that now apply to all sailors, not just JSA members.

## 1 Abbreviations and Definitions

**JSA Event** – Any of the numerous JSA regattas hosted by Member Programs and open to competitors who are Junior Sailor Members of the JSA.

**JSA Sanctioned Event** – A JSA Event so designated by the Board of Directors, including these:

- A qualifier for a JSA Championship (as defined in JSA Rule 5)
- A JSA Championship
- The McIntyre Team Race Championship
- The Law Trophy
- The YRALIS Sears Cup
- The Dorade Trophy
- The Beach Point Overnight

**OA** – Organizing Authority

**Member Program** – the JSA Yacht Club or sailing organization that sponsors the sailor for an event

**NOR** – Notice of Race

**PFD** – Personal Flotation Device (US Coast Guard approved Life Jacket)

**PHRF** – Performance Handicap Racing Fleet (big boat rating system)

**RRS** – US Sailing Racing Rules of Sailing

**SI** – Sailing Instructions

## **2 Safety**

### **2.1 Personal Flotation Devices**

- a) Junior Sailors and their accompanying instructors shall wear a US Coast Guard approved personal flotation device (PFD) while on the water other than for brief periods while adding or removing clothing. The PFD shall depend 100% on foam for flotation. No modifications of the PFD are permitted and it shall be the appropriate size for the wearer. The PFD must be worn outside of all clothing except that a thin shirt may be worn over the PFD to prevent snagging. The PFD must have an accessible whistle attached.
- b) This rule may be modified in the Sailing Instructions for JSA PHRF events only.

### **2.2 Instructor safety training qualifications:**

- a) All Instructor Members working at JSA Member Programs must successfully complete the US Sailing Small Boat Level 1 Instructor Certification Course (or above) and maintain valid First Aid and Adult CPR certificates.
- b) Each Instructor Member who is taking the Level 1 course for the first time must also successfully complete the US Powerboating Safe Powerboat Handling Certification Course.
- c) The equivalent international certifications may be accepted for non-US resident instructors.

### **2.3 Supervision**

- a) Competitors from each program must be accompanied and supervised by an instructor or other adult designated by the entering program throughout the regatta.
- b) Any program entering three or more boats shall supply a support craft equipped with a working VHF Radio, anchor and a first aid kit.
- c) An instructor or a designated adult meeting all the qualifications of a JSA instructor shall drive the support craft and shall check with the Race Committee about Safety Patrol assignments and responsibilities.
- d) Any program with fewer than three boats entered that does not send a safety boat must make arrangements for their instructor or designated adult to be out on the water, failing which their sailors may not compete.
- e) All support craft shall be operated at all times under recognized principles of safe motorboat practices. If any driver violates this section, he or she may be barred from the remainder of the event and/or future events at the discretion of the JSA Board.
- f) Inappropriate and/or unsafe conduct by an instructor or the designated supervising adult will result in that instructor or adult being sent home with all his/her competitors, unless another instructor replacement is provided for those competitors.

### **3 Eligibility**

*Preamble: This adds to RRS 75.*

#### **3.1 JSA Members**

Competitors in JSA events must be Junior Sailor Members of the JSA, except that:

Sailors from programs that do not belong to the JSA are eligible to enter any JSA Event without becoming JSA members, provided that:

- a) they or their families are members of the YRA or Sailing Association where they sail (outside the YRA of LIS);
- b) they meet all event eligibility criteria except JSA membership;
- c) they are sponsored by a JSA Member Program; and
- d) they are supervised during the event.

#### **3.2 Certification**

All participants in JSA events must be certified to participate by the Head Instructor or Chair of their Member Program as competent to sail in the boat in which they are competing.

#### **3.3 Age**

All participants in JSA events must be younger than 19. A sailor's age on December 31 shall be considered his/her age for any event during that year, except as provided in Appendix A for Optimist sailors. Each participant must meet the minimum age requirements specified for his or her boat class in Appendix A through F.

#### **3.4 Class Association Membership**

JSA encourages each Junior Sailor to support the efforts the Class Association for the boat types they sail during JSA events by becoming a member of the boat class.

#### **3.5 Co-Skippers**

In double and triple-handed boats, sailors may elect to enter a regatta as co-skippers. This means they may alternate between helming and crewing within the same regatta. However, they must make their election known before or at registration.

#### **3.6 Alternate events**

Sailors who qualify for JSA championship events are not eligible to compete in JSA Alternate events in that class.

## 4 Personal Conduct

*Preamble: The old JSA rules explicitly laid out actions defined as misconduct, and defined a "Conduct Committee" to judge conduct. The current RRS has a new part 5 section C, Misconduct, which incorporates misconduct directly into the RRS, and defines the actions the Protest Committee can perform due to misconduct. In addition, the JSA Code of Conduct enables the Protest Committee to hold a hearing and take a range of actions. JSA sailors, instructors and support persons are all bound by RRS 69. Part of this rule is spelled out below:*

### 69.1 Obligation not to Commit Misconduct; Resolution

(a) A competitor, boat owner or *support person shall not commit an act of misconduct.*

(b) Misconduct is:

- (1) conduct that is a breach of good manners, a breach of good sportsmanship, or unethical behavior; or
- (2) conduct that may bring the sport into disrepute.

...

*The actions that a protest committee must carry out for Misconduct are fully defined in RRS 69.2, 64.4 and RRS Appendix M. Penalties include:*

### 69.2 Action by a Protest Committee

(h) When the protest committee decides that a competitor or boat owner has broken rule 61.1(a) it may take one or more of the following actions

- (1) issue a warning;
- (2) change their boat's score in one or more races, including disqualifications(s) that may or may not be excluded from her series score;
- (3) exclude the person from the event or venue or remove any privileges or benefits; and
- (4) take any other action within its jurisdiction as provided by the *rules*.

### 64.4 Decisions Concerning Support Persons

(a) When the protest committee decides that a *support person* who is a party to a hearing has broken a *rule*, it may

- (1) issue a warning;
- (2) exclude the person from the event or venue or remove any privileges or benefits, or
- (3) take any other action within its jurisdiction as provided by the *rules*.

(b) The protest committee may also penalize a competitor for the breach of a rule by a *support person* by changing the boat's score in a single race, up to and including DSQ, when the protest committee decides that

- (1) the competitor may have gained a competitive advantage as the result of the breach by the support person, or
- (2) the *support person* commits a further breach after the competitor has been warned by the protest committee that a penalty may be imposed.

(3) take any other action within its jurisdiction as provided by the *rules*.

#### **4.1 Add specific actions to Misconduct**

JSA prescribes RRS 69.1(b) includes the following specific actions as misconduct:

- a) bullying
- b) swearing at, intimidating or harassing anyone, including teammates, on or off the water;
- c) stealing or borrowing without permission, anything that does not belong to them;
- d) possessing, consuming or being under the influence of alcohol, marijuana, or other controlled substances the possession of which is unlawful.
- e) failure to comply with curfew requirements or other conditions of the regatta.
- f) operation of a support craft in a manner inconsistent with recognized principles of safe motorboat practice, including excessive wake during a race.

as well as those actions defined in RRS 69.1(b).

#### **4.2 Additional Protest Committee actions on Participant misconduct**

JSA prescribes RRS 69.2(h)(4) includes the following specific PC actions:

- a) apology
- b) required to leave the venue for the remainder of the event
- c) written report to JSA and/or competitor's home program

as well as those actions defined in RRS 69.2(h)(4).

#### **4.3 Additional Protest Committee actions on Support Person misconduct**

JSA prescribes RRS 64.4(a)(3) includes the following specific PC actions:

- a) apology
- b) written report to JSA and/or competitor's home program

as well as those actions defined in RRS 64.2(a)(3).

#### **4.4 Reporting of an action by the Protest Committee**

RRS 69.2(j) is modified as follows:

**SUBSTITUTE** "the Chair of the JSA, the Program Chair of the Member Program that sponsored the contestant and where appropriate, the Commodore or President of the Member Program and the parents." **for** "National Authority of the person or, for specific international events listed in the World Sailing Regulations, to World Sailing."

#### **4.5 Action required by the Member Program**

The Member Program shall take disciplinary actions within 48 hours and shall notify the Chair of the JSA regarding the action.

## 5 JSA Championship Events

The JSA schedules the following championship events each summer:

- Club 420 Championship
- Laser Championship
- Laser Radial Championship
- Girls' Championship
- Pixel Championship
- RS Feva Championship
- Optimist Championship

Specific rules covering these regattas are listed in these sections, including qualification, eligibility and the conduct of these events.

### 5.1 Qualifying for Championships

#### 5.1.1 Club 420, Laser, Laser Radial Championship

Skippers who finish in the top 40% in any one of the qualifying regattas qualify to compete in their respective Championship. The following events are designated as qualifiers for the JSA Championship event, which is the Club 420, Laser and Laser Radial Championships:

- Eastern or Western Districts
- Larchmont Race Week
- JSA Race Week
- Shelter Island 420/L/R Regatta

#### 5.1.2 Pixel Championship

Pixel skippers qualify to compete in the Pixel Championship if they compete in at least one qualifying regatta regardless of their finish position. The following events are designated as qualifiers for the Pixel Championship:

- Eastern or Western Districts
- Pixel / RS Feva Race Week
- Larchmont Race Week
- Pequot Invitational Regatta

#### 5.1.3 Feva Championship

Feva skippers qualify to compete in the Feva Championship if they compete in at least one qualifying regatta regardless of their finish position. The following events are designated as qualifiers for the RS Feva Championship:

- Eastern or Western Districts
- Pixel / RS Feva Race Week
- Larchmont Race Week
- Pequot Invitational Regatta

#### **5.1.4 Optimist Championship**

The age limits are as per JSA A.1.

- a) Sailors may qualify only from regattas in their program's designated area (A, B or C).
- b) Sailors in the White and Blue fleets who finish in the top 30% of competitors within their fleet at any qualifying event qualify for the Championship.
- c) All sailors in the Red fleet who participate in any qualifying event qualify for the Championship.

#### **5.1.5 No races completed**

When a qualifying regatta is scheduled but no races are completed, a skipper shall qualify for a JSA Championship Event provided he or she meets all of the following conditions:

- a) The competitor properly registered for the regatta; and
- b) The competitor was present at the regatta site or in the race area on the day of the event and was prepared to compete; and
- c) The competitor sailed in the previous year's JSA Championship Event for the same class of boat and finished in the top 50% overall.

#### **5.1.6 No representative from a Member Program Qualifies**

If no representative from a Member Program qualifies for a championship event the Member Program may enter one representative for each championship event. This representative must have participated in at least one qualifying event. For Optimists, this rule applies separately to Blue and White Fleet representatives.

### **5.2 Eligibility for Championships:**

Every competitor must be eligible as defined in JSA Rule 3, with the following additions: Each competitor in the JSA Championship events shall:

- Be a Junior Sailor Member and
- Each skipper must represent the same Member Program that he or she represented at the event in which he or she qualified.
- No competitor who has been penalized for a breach of Racing Rule 2 (Fair Sailing) or warned or penalized for a breach of Racing Rule 69 (Allegations of Gross Misconduct) shall be eligible to compete in any JSA championship event or receive any JSA Season trophy during the calendar year of said breach.

### **5.3 Skippers and Crew**

- In doublehanded boats, qualified skippers may sail with any crew that meets the eligibility requirements of JSA 5.2.
- Competitors who qualified for a Championship as co-skippers must sail together in the Championship. If one or both qualify as individuals, they may each elect to sail as individuals.



### **5.3.1 Substitution in Singlehanded Boats**

- a) No substitution for the skipper, before or during a regatta, is allowed.

### **5.3.2 Substitution in Doublehanded Boats**

- a) There shall be no substitution for a qualified skipper before the regatta.
- b) If a skipper is unable to continue a regatta already started, that entry's crew (excluding alternates or substitutes), may become the helmsperson, subject to the approval of the chief judge or protest committee.
- c) If a crewmember is unable to continue a JSA Championship Event, he or she may apply to the chief judge or protest committee for appointment of a substitute. In no case shall a substitute thus appointed serve as helmsperson

## **5.4 Scoring for Qualifying Events**

- a) At every qualifying event, the number of skippers that qualify for JSA Championship events shall be determined by multiplying the appropriate percentage as set forth in Rule 5.1 by the total number of competitors in each division who did all of the following:
  - entered and registered for the regatta;
  - started at least one race of the regatta; and
  - finished or were scored Time Limit Expired in at least one race of the regatta.
- b) For the purposes of this computation, competitors who are not JSA members but who otherwise satisfy the requirements stated above shall be included in the total number of competitors.
- c) Fractional skippers shall be rounded to the nearest whole number to the competitor's advantage.
- d) The resulting number shall represent the number of eligible JSA member skippers who qualify for a JSA Championship event and shall be achieved by excluding non-JSA competitors. If two or more competitors have tied for the final qualifying position, they shall all qualify.
- e) Scoring shall be accomplished using computer scoring systems that are purpose-built for sail racing. Overall scoring is required whenever boats of the same one-design class race in different divisions at a JSA Sanctioned Event.

## **5.5 JSA Representative**

The JSA may appoint a representative to monitor that a championship regatta is conducted in accordance with the Rules for JSA Events. The JSA representative will have the option to be present on the main Race Committee boat at any time during the regatta.

## **5.6 Duties of Judges**

The Judges' prime function is to ensure that all series are conducted in a fair and safe manner. As the purpose of a series is to determine the crew having superior racing skill and seamanship, Event Organizers are encouraged to consult with the Jury regarding all matters pertaining to the conduct and management of all races. The opinions and decisions of the Jury and Race Committee should be communicated to each other without delay.

- a) Appointment of Judges: At JSA Championships there will be a Jury of at least three Judges. Only one of the judges may be from the club hosting the event. Judges shall be appointed by the Chairperson of the JSA Board or his/her designee.
- b) Exclusive Responsibilities of Judges: In addition to hearing and deciding all protests and redress requests, the Jury will make decisions with regard to the following:
  - Crew substitution
  - Compensation for breakdowns
  - Boat substitution in round robins

At least one Judge should be present on the race course at all times.
- c) Consultations with the Race Committee: The Race Committee Chairperson is encouraged to consult with the Jury on all matters affecting the fairness and conduct of the competition, and in particular on:
  - Race postponement or abandonment
  - Use of the Black Flag
  - Shortening a race or changing the course
  - Termination of a series
- d) Communication Guidelines:
  1. It is recommended that communication between the Race Committee and the Jury be limited to the Chief Judge or his/her designee and the Race Committee Chairperson or his/her designee.
  2. It is recommended that one instructor be selected to represent all instructors and to be the sole spokesperson to communicate with the Jury (Chief Judge) and the Race Committee (Principal Race Officer).

## 5.7 Other championships

### 5.7.1 US Sailing Area B Championship - Eligibility for JSA-Sponsorship

- a) All competitors who represent the YRA of Long Island Sound in the Area B Championships shall comply with the eligibility requirements listed in the Area B Notice of Race.
- b) The top two finishers of both the Club 420 and Laser Radial classes at the Law Trophy Regatta and
- c) the top finisher at the Sears Cup YRA LIS Region Qualifier regatta, who are Junior Sailing Members or Instructor Members of the JSA and members of a sailing program located in the geographic area represented by the YRA of LIS, each qualify to be sponsored by the JSA at the Area B Championship.
- d) Any sailor or team who advances to the Area B Championship as a JSA-sponsored sailor or team must commit to the entire U.S. Junior Sailing Championships series and be available to compete at the US National Championship if successful at the Area B Championship. Sailors must make their commitments known to the Chairperson of the JSA Board of Directors within 24 hours of the awards ceremony of the Law Trophy (Bemis and Smythe Trophy contenders) or the Sears Cup YRA LIS Region Qualifier.

- e) If a sailor or team who qualifies does not go to the Area B Championship for any reason, the next finisher in the series may go as a JSA-sponsored sailor or team and so on.
- f) Entry fees for the Area B Championship for all JSA-sponsored sailors or teams who compete in the Area B Championship will be paid by the JSA following completion of the Area B Championship.

### **5.7.2 Sears Triplehanded YRA LIS Region Qualifier**

The JSA will designate each year the regatta that will be the YRA LIS region qualifier for the US Sailing Area B Triplehanded Championship. The qualifying event for the Sears Cup is open to Junior Sailing Members or Instructor Members of the JSA, who are members of a sailing program located in the geographic area represented by the YRA of LIS, who meet the eligibility requirements of Rule 3.1 and whose programs certify that they are competent to sail in the boats chosen for this event. However, there shall be no more than two boats entered per member program before the entry deadline.

### **5.7.3 Middle Atlantic Midget Championship**

The Competitors in the Middle Atlantic must not have reached their 15th birthday during the year of competition. Both crew members of double-handed boats must be members of the same program. Competitors must supply their own boats. The top two teams from the JSA Club 420 Championship and the top two sailors from the JSA Optimist Championship are invited to compete at the Middle Atlantic Midget Championship. The qualifying events may be changed as needed at the discretion of the JSA to resolve scheduling or other logistical issues that may arise in any calendar year.

### **5.7.4 Midget Challenge**

Five Teams from the JSA Club 420, Pixel or RS Feva Championships will be invited to compete in the Midget Challenge. The qualifying event may be changed as needed at the discretion of the JSA to resolve scheduling or other logistical issues that may arise in any calendar year. At the Midget Challenge JSA teams compete against other area associations. Competitors in the Midget Challenge must not have reached their 15th birthday during the year of competition. Eligible competitors will be selected in order of the size of their fleet and then placement in their fleet. (1st in largest fleet, 1st in next largest fleet, 1st in smallest fleet, 2nd in largest,...) If one of the top teams is not available, the JSA Board Representative will continue down the list to fill the five allotted slots.

### **5.7.5 Junior Challenge**

Five teams from JSA of LIS will be invited to compete in the Junior Challenge at SUNY Maritime College. At the Junior Challenge JSA teams compete against other area associations in the host's doublehanded boats. Competitors in the Junior Challenge must have reached their 13th but not their 19th birthday during the year of competition. Top finishers at the Law Trophy, Eastern or Western Districts, Larchmont Race Week, or JSA Junior Race Week will be asked in order of finish to represent the JSA. The qualifying events may be changed as needed at the discretion of the JSA to resolve scheduling or other logistical issues that may arise in any calendar year.

## **6 Rules Modifications**

These Rules may be modified at any time by a 2/3 vote of the JSA Board of Directors, and notice of such change will be sent to the representatives of each Member Program.

## APPENDIX A - Optimist Specific Rules

### A.1 Age Requirement

- a) As prescribed in USODA Class rules, skippers shall not have reached their 16th birthday in the current calendar year.
- b) Skippers shall be divided into three groups according to their ages on the event's first day:
  - 10 and under ..... White Fleet age group
  - 11 and 12 ..... Blue Fleet age group
  - 13, 14 and 15 ..... Red Fleet age group

### A.2 Green Fleet

Green fleet is a special Optimist fleet for novices. It is designed as an entry level fleet that rewards participation and de-emphasizes heavy competition. JSA Green Fleet regattas shall be conducted in accordance with the JSA Green Fleet Guidelines. In JSA events, Green Fleet is open to sailors who meet all of the following criteria:

- a) are age 15 or under;
- b) have finished fewer than three times in 1st, 2nd, or 3rd place in a series of Green fleet races or regattas; and
- c) have not previously raced in red, blue or white fleet in a regatta offering a Green fleet.

### A.3 Inspection Checklist

In addition to complying with Optimist Class rules, all Optimists competing in JSA events shall comply with the JSA Optimist Inspection Checklist.

## Optimist Inspection Checklist

See IODA safety info <http://www.optiworld.org/content/safety>

Painter – the bow line must be all of the following:

- at least 8 meters ( 26' 3" ) long;
- buoyant;
- at least 5 mm ( 3/16" ) diameter;
- securely fastened around the mast step;
- tied with a 4-6" bowline at the towing end; and
- led through a loop of line at the bow, not through the bow drain hole.  
free of chafe and all other knots, with no hardware attached.

Mast tie-down – there must be a line or other device that is secure enough so you can lift the boat by the mast without disengaging the mast from the mast step

Air bags – must have three buoyancy bags made of strong fiber-reinforced material with non-return valves. Each must be properly inflated and secured to boat.

Daggerboard – securely attached to the boat with a lanyard.

Rudder catch – the rudder shall have a retaining device so that it will not become detached from the boat during a capsize.

Bailer – at least one bailer, with a minimum capacity of one half gallon, securely attached to the boat with a lanyard.

Mainsheet bridle – no looser than 100mm (4 inches) from the boom at any point.

Mainsheet hook – must be covered and/or securely closed. The hook must have no chance of trapping a line that drags across it.

Paddle – attached to the boat with enough line or shock cord to allow use.

## APPENDIX B - Pixel specific rules

### B.1 Age

- a) A Pixel sailor must be 12 years old to compete in Pixel events. If this age requirement is not met for one of the sailors in a three person crew, that one sailor's entry may be accepted if he or she files the JSA underage permission request form, with each regatta entry. Acceptance of this permission request is at the discretion of the regatta host.

### B.2 Number of Crew and Weight

Pixels may be sailed with either two or three sailors in the boat.

During a regatta, Pixels may not change the number of crew.

For a two-person crew, the helmsperson and crew must weigh a minimum of 190 pounds fully dressed for sailing.

Sailors may be weighed once per event.

There is no minimum weight requirement for Pixels sailed with crew of three.

### Pixel Inspection Checklist

See Pixel Class Safety form at <http://www.sailpixel.com/pdfs/PIXEL-Safety-List.pdf>

Floating Tow Line — 7mm ( 1/4" ) in diameter by 9 meters ( 29' 6" ) long

Paddle — Not less than .5 meters in length

Rudder Restrainer in place — Must be tied to boat (See Pixel Rigging Manual for suggestions.)

## APPENDIX C - RS Feva Specific Rules

### C.1 Age

- a) A Feva sailor must be 12 years old to compete in Feva events. If this age requirement is not met for one of the sailors, that one sailor's entry may be accepted if he or she files the JSA underage permission request form, with each regatta entry. Acceptance of this permission request is at the discretion of the regatta host.

### C.2 Number of Crew and Weight

- a) RS Feva is to be sailed with two sailors in the boat.
- b) The helmsperson and crew must weigh a minimum of 180 pounds
- c) Sailors may be weighed once per event.

#### RS Feva Inspection Checklist

Bow line 26' minimum length 8mm diameter – must float  
Mast Gate – Closed and secured with bolt and nut  
Inspection port covers – Installed (3)  
Drain Plug – Stern (1)  
Daggerboard Retainer (1)  
Rudder Retainer is functioning



## APPENDIX D - Club 420 Specific Rules

### D.1 Age Limit

A Club 420 sailor must be at least 14 years old to compete in JSA events.

### D.2 Number of Crew and Weight

- a) Club 420s may be sailed with either two or three sailors per boat.
- b) During a regatta, Club 420s may not change the number of crew.
- c) For a two-person crew, the helmsperson and crew must weigh a minimum of 220 pounds fully dressed for sailing.
- d) Sailors may be weighed once per event.
- e) There is no minimum weight requirement for Club 420s sailed with crew of three.

### D.3 Underage/underweight

If either the weight or age requirement is not met, a boat's entry may be accepted if the helmsperson *and* each crew file the JSA underage/underweight permission request form, with each regatta entry. Acceptance of this permission request is at the discretion of the regatta host.

### Club 420 Inspection Checklist

See Class Association Safety form [https://club420.org/assets/documents/other\\_docs/InspectionCheckList.pdf](https://club420.org/assets/documents/other_docs/InspectionCheckList.pdf)

The buoyancy tanks shall be watertight.

Towing line shall be at least 26 feet long, 3/8 inch diameter, shall float, and shall have a loop in the end of the line that is not to be secured to the boat. The end of the line to be secured to the boat shall be tied either to the forward most hole of the jib tack fitting or tied with a bowline around the mast above the partners with the end with the loop taped to the deck of the bow next to the jib tack fitting.

The weight of the trapeze harness shall not exceed four kilograms and the harness shall float.

Each boat shall use a device that will keep the rudder connected to the boat in the event of capsize or turtle.

The length of the forestay, including any extensions, shall prevent one-half of the major dimension fore/aft of the mast from going aft of the mast partners when the jib halyard is released.

A competitor may use a line to secure the mast to the mast heel casting.

## **APPENDIX E - Laser, Laser Radial, Laser 4.7 Specific Rules**

### **E.1 Age Limit**

A Laser sailor must be at least 14 years old to compete in JSA events.

### **E.2 Weight**

- a) Laser sailors must weigh at least 105 pounds to sail a 4.7 rig, 110 pounds to sail a radial rig, or at least 130 pounds to sail a Standard rig
- b) Sailors may be weighed once per event.
- c) If either the weight or age requirement is not met, a sailor's entry may be accepted if he or she files the JSA underage/underweight permission request form with each regatta entry.  
Acceptance of this permission request is at the discretion of the regatta host.

### **E.3 Laser Sail Numbers**

Each boat shall display its sail number assigned by the Laser Class Association in accordance with the instructions on the [LaserInternational.org](http://LaserInternational.org) website. (JSA issued sail numbers are no longer required, per survey of hosts for Laser events in 2017)

### **E.4 Starts for Laser 4.7**

Programs hosting a JSA Laser event may at their discretion offer a start for the Laser 4.7.

## **APPENDIX F - PHRF Events**

### **F.1 Big Boat Liaison**

Every member program that enters or expects to enter a JSA PHRF Regatta must designate a Big Boat Liaison to serve as a representative to the JSA.

### **F.2 Eligibility**

- a) JSA PHRF Events are open to junior sailors who are at least 14 years old as defined in JSA Rule 3.3. There will be no exceptions to this rule.
- b) All junior sailors participating in a JSA PHRF event must be Junior Sailing Members of the JSA.

### **F.3 Advisors**

- a) Advisors shall be boat owners, owner's representatives and instructors. All advisors shall be experienced big boat sailors and capable of taking control of the boat in the event of an emergency.
- b) Each boat shall have a minimum of two experienced advisors on board, one of whom must be at least 25 years old. For boats over 35 feet, it is recommended that there be at least three advisors.
- c) The boat owner should be on board and serve as an advisor. In the event that the boat owner is unable to be on board he/she must designate an owner's representative to take his/her place.
- d) Instructors who are 18 years of age or over may serve as advisors; however, an instructor shall NEVER serve as an owner's representative.

### **F.4 Training Requirements**

- a) 80% of the total crew of each boat, including the skipper, watch captains, navigator and any instructor serving as an advisor, shall have attended the most recent Storm Trysail/JSA Junior Safety at Sea Seminar.
- b) The boat owner, or the owner's representative, is encouraged to attend a Safety at Sea Seminar (either the Storm Trysail/JSA Seminar or another recognized Safety at Sea Program) within a five year period prior to participating in a JSA PHRF Event.
- c) Crewmembers must comply with and demonstrate competency in any and all skills based training as required by the Notice of Race for each regatta including reefing and man overboard drills.
- d) The Basic Navigation/Seamanship test is required of all crewmembers who shall each achieve a minimum score as described in the notice for the test.
- e) The Advanced Navigation and Seamanship tests, which measure ability to perform basic piloting, navigation, and seamanship, are required for three junior sailors per boat (the sailor serving as the navigator and two other sailors) and any instructor serving as an advisor. Every instructor who is employed by a JSA member program and is serving on board the boat as an advisor is required to comply with the Navigation testing requirements.
- f) Any junior sailor wishing to compete for the JSA Junior Navigation Trophy should take the

Advanced test in the current year on the original testing date. Make-up tests may not be considered for the trophy unless specified in the notice for the test.

- g) Crewmembers and instructors who have scored 80% or higher on the Advanced written test in the prior year on the original scheduled test date (not on a make-up test) are not required to retake the exam in the current year. However, each program is required to send a minimum of three sailors to take the Seamanship test each year, regardless of scores on the Navigation test.

## **F.5 Minimum Required Equipment for Sailors participating in any JSA PHRF event**

- a) For the purposes of this section, the Storm Trysail/JSA Junior Safety at Sea seminar is considered a JSA PHRF event.
- b) All advisors shall wear US Coast Guard approved PFDs at all times while on deck, coming on deck, or going below. This modifies the Minimum Equipment & Safety Recommendations of the Y.R.A. of Long Island Sound: Category B Section 4.0 and Fundamental RRS 1.2 and JSA 3.1.
- c) All junior sailors and instructor(s) shall equip themselves with a personal strobe light and a harness (complete with a tether) for use at night and in other circumstances described in the most recent Minimum Equipment & Safety Recommendations of the Y.R.A. of Long Island Sound, Section 4 – Safety equipment to be worn.

## **F.6 Minimum Required Equipment for Boat**

- a) Each boat must follow the most recent Minimum Equipment & Safety Recommendations of the Y.R.A. of Long Island Sound: Category B. (See [www.yralis.org](http://www.yralis.org) > Safety).
- b) Jack lines shall be installed before the boat leaves the dock and a sharp knife shall be kept in the cockpit. Each boat shall have a hand-held VHF radio and a VHF radio capable of receiving automatic weather alerts and tones. This modifies the Minimum Equipment & Safety Recommendations of the Y.R.A. of Long Island Sound.
- c) Each boat shall certify that it is in compliance with the Minimum Equipment and Safety Recommendations by completing a Self Inspection Certificate for each regatta.

## **F.7 Vessel Eligibility**

To be eligible to participate in any JSA PHRF event, vessels shall be a monohull conforming to the following requirements:

- a) The vessel shall be a minimum of 27' and a maximum of 44' in overall length. The OA of an event shall have the ability to include vessels outside this size range
- b) Any vessel classified as a "sport boat" may be allowed to race in a "Sport Boat Division" if that division is included in the regatta at the discretion of the Organizing Authority. A vessel will be considered a sport boat if it meets three of four of the following criteria:
  - #1)- Displacement-Length Ratio less than 100. Displacement-Length Ratio shall be calculated using the empty weight in pounds (DISPL LBS) and the length at water line (LWL) of the vessel; both values shall be as noted on the current PHRF certificate. Displacement- Length Ratio shall be calculated as  $D/L = (DISPL/2240) / (0.01 * LWL)^3$
  - #2) - Upwind sail area/displacement ratio greater than 30. Upwind Sail Area-Displacement Ratio shall be calculated using the area, in square feet, of the main plus the fore-triangle area, as determined by the calculations noted below, and the empty weight in pounds (DISPL LBS) of the vessel as noted on the current PHRF certificate. Upwind Sail Area-Displacement Ratio

shall be calculated as  $SA/D = \text{Sail Area} / (\text{DISPL}/2240)^{2/3}$

**#3)**- Downwind Sail Area-Displacement Ratio greater than 75. Downwind Sail Area-Displacement Ratio shall be calculated using the area, in square feet, of the main, as determined by the calculation noted below, plus the largest spinnaker, as determined by the sailmaker, and the empty weight in pounds (DISPL LBS) of the vessel as noted on the current PHRF certificate. Downwind Sail Area-Displacement Ratio shall be calculated as  $SA/D = \text{Sail Area} / (\text{DISPL}/2240)^{2/3}$

**#4)**- A sprit length (TPS) more than 50 percent of J.

The sail areas are computed using the fore-triangle area ( $I \times J \times 0.5$ ) and mainsail area ( $P \times E \times 0.5$ ) which do not take into account jib overlap or mainsail roach. Dimensions used shall be as noted on the vessel's current PHRF certificate.

A worksheet for these calculations may be found in the Junior Big Boat section of the JSA website ([www.JSALIS.org](http://www.JSALIS.org)).

**#5)**- Each entry must have a fixed and functioning head.

## F.8 Operation of Boat

- a) The boat owner or the owner's representative has the final say in matters pertaining to the safety of the crew and the boat. (RRS Fundamental Rule 4)
- b) The advisors shall refrain from assisting the sailors with racing strategies and steering except when a safety issue is involved
- c) If safety is a factor, the Owner or Advisor may take the helm, issue orders, use the engine, or take appropriate action. Any such intervention should be recorded, in detail in the log. At the very least, such detail shall include the GPS coordinates and time for both the start and finish of the period in which the adult advisor intervenes under this section. Immediately upon finishing, the yacht shall inform the race committee that an owner/advisor intervention has occurred and that there will be a submission. That submission is due in writing the later of noon the day following the start, or 12 hours after finishing, whichever is later. The judges will evaluate the situation to determine if a time adjustment or other penalty is required. Such action will not be grounds for automatic disqualification.