

# **PERSSON 470 class Japan Championships 2023**



## **SAILING INSTRUCTIONS**

Version 6 September 2023

add Log

Amendment 01: 1.4, 18.11 add 4.2,4.5,18.3,18.7 Addendum A change 18.8 Deleted

Organising Authority (OA): Japan 470 class association, Miyagi Sailing Federation

### **1. Rules**

- 1.1. The regatta will be governed by the rules as defined in *The Racing Rules of Sailing* (RRS).
- 1.2. SI takes precedence over NoR. This changes RRS63.7.
- 1.3. In all rules governing this event:
  - 1.3.1. [SP] denotes a rule for which a standard penalty may be applied by the race committee without a hearing or a discretionary penalty applied by the protest committee with a hearing; and
  - 1.3.2. [NP] denotes a rule that shall not be grounds for protests by a boat. This changes RRS 60.1(a).
- 1.4. **Displaying national flags on the sails is optional for this event.**

### **2. [DP] [NP] IDENTIFICATION · CAMERAS AND ELECTRONIC EQUIPMENT**

- 2.1. **[SP]** After the second day of the competition, the crews of the boats in first, second, and third place in the competition standings at the start of that day shall wear yellow, blue, and red bibs, respectively. Bibs will be distributed by the OA.

- 2.2. Boats shall display the identification number on the bow as instructed in SI Addendum A.
- 2.3. Boats shall securely attach the fleet ribbon to the mast top or mainsail top batten end.
- 2.4. Boats may be required to carry an electronic device as specified and supplied by the Organizing Authority. Boats shall accordance with this require.

### 3. CHANGES TO SAILING INSTRUCTIONS

- 3.1. Any change to the sailing instructions will be posted before 10:00 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.
- 3.2. The Race Area shall change no later than 30 minutes before the display of flag D or the removal of flag AP.

### 4. COMMUNICATION

- 4.1. The Official Notice Board will be online only, available on the event website.  
The Official Notice Board URL: <https://x.gd/sTSUL>
- 4.2. [NP][DP]Communications with competitors  
The regatta may take communication at the event 'LINE Open Chat'.  
(Note that any post is not allowed at the event 'LNE Open Chat' from competitor)
- 4.3. Hearing may be held by using 'Zoom Meeting'.
- 4.4. On the water, the race committee intends to communicate with competitors on VHF radio, which channel is 72ch.
- 4.5. [DP]Except in an emergency or using devices that supplied by the race committee, a boat shall not make data transmissions and shall not receive data communication that is not available to all boats. This restriction shall also apply to cell phone.

### 5. CODE OF CONDUCT

- 5.1. [DP] Competitors and support person shall comply with any reasonable request from the Race Committee.
- 5.2. [DP] Competitors and support persons shall handle any equipment provided by the organizing authority with proper care and seamanship, in accordance with any instructions for its use and without interfering with its functionality.

### 6. SIGNALS MADE ASHORE

- 6.1. Signals made ashore will be displayed on the terrace of the administration building.
- 6.2. When the signal has displayed above the race area or fleet flag, it shall apply only for that race area or fleet. This changes the RRS race signals.
- 6.3. When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 40 minutes' in Race Signals AP.
- 6.4. [NP][DP] Flag D displayed ashore means 'The warning signal will not be made less than 40 minutes after flag D is displayed.', and the boats shall not leave the harbor until this signal has displayed.

## 7. REGATTA FORMAT

7.1. The All Japan 470 class Championship is a gender-neutral event. Results of the All Japan Women's 470 class Championship will be based on the results of the All Japan 470 Class Championship, by the ranking will be made in order of the lowest overall score among the women competitors.

7.2. The regatta will be divided into a Qualifying Series and a Final Series.

### 7.3. Qualifying Series

7.3.1. 6 races are scheduled and will be held in separate fleets.

7.3.2. The entire fleet shall be divided into Yellow and Blue to become the same number (same level) as much as possible. The fleet division for the first race will be made by a committee appointed by the Japan 470 class Association, and it shall be displayed no later than 10:00 on the first scheduled race day.

7.3.3. After races are completed each day, boats shall be divided into new fleets based on their series ranking, unless only one race is completed on the first day of the event. If two fleets have not completed the same number of races, they will be divided into fleets according to their rank when they have completed the same number of races. The fleet division shall be as follows.

| <i>Rank</i>          | <i>Fleet Assignment</i> |
|----------------------|-------------------------|
| <i>1st</i>           | <i>Yellow</i>           |
| <i>2nd</i>           | <i>Blue</i>             |
| <i>3rd</i>           | <i>Blue</i>             |
| <i>4th</i>           | <i>Yellow</i>           |
| <i>5th</i>           | <i>Yellow</i>           |
| <i>6th</i>           | <i>Blue</i>             |
| <i>7th</i>           | <i>Blue</i>             |
| <i>Same as below</i> |                         |

If two or more boats have the same rank, they will be divided in the order of their fleet in SI7.4.2.

7.3.4. Fleets will be assigned based on the ranking as of 20:00 on each day, regardless of any protests or requests for redress that have not been decided yet.

7.3.5. If two fleets have not completed the same number of races on the same day, they will continue racing in that fleet the next day so that they have the same number of races. All boats will then be divided into new fleets.

### 7.4. Final Series

7.4.1. 6 races are scheduled.

7.4.2. The fleet will be divided into Gold and Silver fleets in order of final results of the qualifying series. The Silver Fleet shall be equal in number to the Gold Fleet as much as possible, but

not more than the Gold Fleet. All races in the final series will be Gold Fleet from the top boats in the Qualifying Series.

7.4.3. After a boat has been assigned to a fleet in the final series, there will be no recalculation of the qualifying series rank, except for the possibility of promoting the boat to a higher fleet by a decision of redress.

## 8. SCHEDULE

### 8.1. RACE SCHEDULE

| Date                            |   | Time                                      |
|---------------------------------|---|---|
| Day0 Wednesday<br>6 September   | Measurement and Registration<br>Opening Ceremony    | 0900 -1730 hrs.<br>1600 hrs.              |
| Day1 Thursday<br>7<br>September | Qualifying Series                                   | Warning signal for the first race<br>1025 |
| Day2 Friday<br>8<br>September   | Qualifying Series                                   | TBA                                       |
| Day3 Saturday<br>9<br>September | Qualifying Series / Final Series                    | TBA                                       |
| Day4 Sunday<br>10<br>September  | Qualifying Series / Final Series<br>Awards ceremony | TBA                                       |

- 8.2. Maximum of 4 races per day shall be sailed.
- 8.3. When a race has not done at the scheduled day, it may hold on the next day by the discretion of the race committee.
- 8.4. The warning signal for the race following may be made as soon as possible.
- 8.5. On the last day of racing, no warning signal will be made after 13:00.

## 9. CLASS FLAGS

9.1. The class and fleet flags are as follows.

| Event             | Fleet Insignia | Color or Background Color |
|-------------------|----------------|---------------------------|
| Qualifying Series | Yellow         | Yellow                    |
| Qualifying Series | Blue           | Blue                      |
| Final Series      | Gold           | Yellow                    |
| Final Series      | Silver         | Blue                      |

## 10. COURSE AREAS

The course areas are shown in SI Addendum B.

## 11. THE COURSES

- 11.1. The diagrams in SI Addendum C show the courses, the course designations, the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.
- 11.2. Courses will not be shortened. This changes RRS 32.
- 11.3. No later than the warning signal, the race committee signal vessel will display a flag or a board that indicates the course to be sailed and the approximate compass bearing of the first leg.

## 12. MARKS

- 12.1. Marks and associated gate marks will be as follows.

| Marks<br>1, 2, 3s,3p, 4s,4p    | New Mark                         | Starting Line<br>Mark    | Finishing Line Mark  |
|--------------------------------|----------------------------------|--------------------------|--|
| Red circular<br>truncated cone | Green circular<br>truncated cone | Race committee<br>vessel | Race committee vessel<br>Yellow buoy displaying<br>blue flag |

- 12.2. The start mark and finish mark shall be race committee vessel or an inflatable mark.

## 13. THE START

- 13.1. The starting line will be between a staff displaying an orange flag on the race committee signal vessel.
- 13.2. **[DP] [NP]** When a starting sequence is in progress, boats whose warning signal has not been made shall avoid the starting area. The starting area which shall be avoid are 100 meters from the starting line.
- 13.3. A boat starting later than 4 minutes after her starting signal will be scored DNS (Did Not Start) without a hearing. This changes RRS A5.1 and A5.2.

## 14. CHANGING THE NEXT LEG OF THE COURSE

To change the next leg of the course, the race committee may (a) set a new mark, (b) move the finishing line, or (c) move the leeward gate marks. If possible, the race committee may remove the original mark. When the new mark needs to change for another change of the next leg, the mark will be changed by an original mark.

## 15. THE FINISH

The finishing line will be between a staff displaying a blue flag on the race committee vessel and the course side of the inflatable mark.

## 16. PENALTY SYSTEM

- 16.1. RRS Appendix P, Special Procedures for Rule 42, will apply.

16.2. RRS P2.3 will not apply and RRS P2.2 is changed so that it will apply to any penalty after the first one.

## 17. TIME LIMITS AND TARGET TIME

17.1. Time limits and target times in minutes are as follows.

| Events     |                   | Time Limit | Mark 1 Time Limit | Finish Window | Target Time |
|------------|-------------------|------------|-------------------|---------------|-------------|
| Fleet race | Qualifying Series | 75min      | 20min             | 10min         | 35min       |
|            | Final Series      | 75min      | 25min             | 7 min         | 45min       |

17.2. If no boat has passed Mark 1 within the Mark 1 time limit the race will be abandoned.

17.3. Boats failing to finish within the time stated in the Finish Window after the first boat sails the course and finishes will be scored DNF (Did Not Finish). This changes RRS 35, A4 and A5.

17.4. Failure to meet the target time will not be grounds for redress. This changes rule 62.1(a).

## 18. REQUEST FOR A HEARING

18.1. Protests and requests for redress or reopening shall be delivered to the online form at website (["Hearing Request"](#)) within the appropriate time limit. However, if the online form is difficult to submit, the request may be brought to the Regatta Office.

18.2. For each class, [the protest time limit](#) is 70 minutes after the last boat in that class has finished the last race of the day or the race committee signals no more racing today, whichever is later.

18.3. [Notices](#) will be posted no later than 15 minutes after the ["Protest time limit"](#) to inform competitors of hearings in which they are parties or named as witnesses. **Hearing will begin at the time posted in the hearing room on the 2F of the administration building and, only if so posted, in the WEB hearing room in addition with the link below.**

**Web hearing room - <https://zoom.us/j/2031816041>**

18.4. Notices of protests by the Race Committee, Technical Committee, or Protest Committee will be posted to inform boats under RRS 61.1(b).

18.5. A list of boats that have been penalized for breaking RRS 42 under Appendix P will be [posted](#).

18.6. The "authority responsible" of RRS64.4(b) is the technical committee of this regatta.

18.7. **The guidelines of the breach of rules marked [SP] and associated penalty shall be posted on the [Official Notice Board](#), and it will be scored STP. However, the Race Committee may protest a boat when they consider the standard penalty to be inappropriate. This changes RRS 60.1, 63.1 and A5.**

~~18.8. Breaches of rules marked [NP] shall not be grounds for a protest by a boat. This changes RRS 60.1(a).~~

18.9. To request a reopening on the last day of the Qualifying Series, the request shall be delivered

a) within the protest time limit if the requesting party was informed of the decision on the previous day;

b) no later than 30 minutes after the party was informed of the decision on that day.

This changes RRS 66.

- 18.10. On the last day of the Qualifying Series or the last scheduled day of racing, a request for redress based on a protest committee decision shall be delivered no later than 30 minutes after the decision was posted. This changes RRS 62.2.
- 18.11. Penalties for breaches of the class rules, RRS 50.1, or rules in the Notice of Race and Sailing Instructions marked [DP], or [SP] should the case go to a hearing, are at the discretion of the Protest Committee and may be less than disqualification.

## 19. SCORING

- 19.1. Boats may complete and deliver [“scoring enquiry form”](#) to request correction of an alleged error in posted race or series results. However, if the online form is difficult to submit, the request may be brought to the Regatta Office.
- 19.2. Qualifying Series
- 19.2.1. 4 races are required to be completed to constitute the Qualifying Series.
- 19.2.2. Scores from the qualifying series will be carried over to Final Series.
- 19.2.3. The number of boats in each fleet in the qualifying series shall be the number of boats in the fleet to which the largest number of boats belongs. This changes RRS A4.2.
- 19.2.4. At the end of Qualifying Series, if there is a difference in the number of races conducted by each fleet, the scores from the most recent race will be excluded so that all boats have the same number of races.
- 19.3. Final Series
- 19.3.1. 6 races are scheduled at the Final Series.
- 19.3.2. The fleet of Final Series (Gold and Silver) shall be recorded individually, and the number of race may be different.
- 19.3.3. The final ranking will be made in the order of the boats in the Gold Fleet, followed by those in the Silver Fleet.
- 19.3.4. The number of boats in each fleet of the final series shall be the number of boats in their respective fleets. This changes RRS A4.2.
- 19.4. Excluding Race Score
- 19.4.1. When fewer than three races have been completed, a boat's series score will be the total of her race scores.
- 19.4.2. When three or more races have been completed, a boat's series score will be the total of her race scores excluding her worst score.

## 20. [DP] [NP] SAFETY REGULATIONS

- 20.1. Boats not participating in the race shall inform the regatta office in writing.
- 20.2. [SP] Check-out and Check-in
- 20.2.1. Before leaving to race, boats shall sign the ‘Check-out form’ at the regatta office.
- 20.2.2. After returning ashore, boats shall sign the ‘Check-in form’ at the regatta office before the protest time limit.
- 20.3. When a boat retires offshore, if possible, she shall notify the Race Committee vessel before leaving the racing area, and also, she shall submit a ‘Retiree Report’ as soon as possible after returning ashore.
- 20.4. [DP] Boats not racing shall remain clear of boats that are racing.

20.5. When the Race Committee displays flag V, all race committee vessels and support person vessels shall rescue any boats in danger as soon as possible.

## 21. [DP] REPLACEMENT OF CREW OR EQUIPMENT

21.1. Substitution of competitors will not be allowed without prior written approval of the Race Committee and shall comply with any restrictions in the Notice of Race.

21.2. Replacement of damaged or lost equipment will not be allowed unless authorized by the Technical Committee. Request of substitution shall be made by the online form "[Equipment Substitution](#)" at the first reasonable opportunity. However, if the online form is difficult to submit, the request may be brought to the Regatta Office.

## 22. [DP] EQUIPMENT AND MEASUREMENT CHECKS

22.1. A boat or equipment may be inspected at any time for compliance with the class rule and the Sailing Instructions.

22.2. Boats shall comply when the technical committee requests to go to the specified area for inspection on the water.

## 23. OFFICIAL VESSELS

Official vessels will be marked as follows.

| Vessel              | Flag description                        |
|---------------------|---|
| Race Committee      | Pink flag with red " RC "               |
| International Jury  | Black flag with white " JURY "          |
| Media               | Blue flag with white "MEDIA"            |
| Technical Committee | Yellow green flag with white "Measurer" |

## 24. SUPPORT PERSON VESSELS

24.1. Except when rendering assistance to a boat in danger at the boat's request or at the request of the Race Committee, support person vessels shall stay 100 meters outside areas where boats are racing from the time of the Preparatory Signal for the first Class to start until the time the last boat finishes or the Race Committee signals a postponement, general recall or abandonment.

24.2. The number of the crew shall be able to avoid close-contact (if the vessel's length are under 6m, 2~3 person are allowed).

24.3. The support person vessels shall display a pink ribbon which will be provided by the Organizing Authority, from departure till return to the port.

## 25. TRASH DISPOSAL

Trash may be placed aboard support person vessels or Race/Protest committee vessels.



## 26. RISK STATEMENT

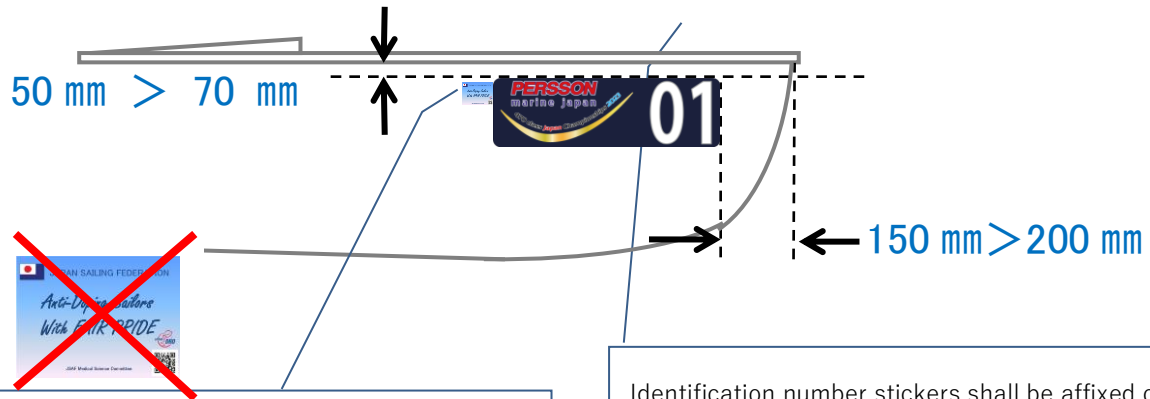
RRS 3 states: 'The responsibility for a boat's decision to participate in a race or to continue racing is hers alone.' By participating in this event each competitor agrees and acknowledges that sailing is a potentially dangerous activity with inherent risks. These risks include strong winds and rough seas, sudden changes in weather, failure of equipment, boat handling errors, poor seamanship by other boats, loss of balance on an unstable platform and fatigue resulting in increased risk of injury. Inherent in the sport of sailing is the risk of permanent, catastrophic injury or death by drowning, trauma, hypothermia or other causes.

## 27. [SP] TRACKING EQUIPMENT

27.1. Boats shall carry the tracking equipment at the specified position (for example, in the spinnaker bag on the port side, and it shall be secured with rope, etc.). The tracking equipment shall be returned accordance with the race committee. The way to deliver and the specified position of the tracking equipment shall be announced.

27.2. Radio communications performed by the tracking equipment is not a breach of SI 4.5.

## SI Addendum A BOW NUMMERS



~~The anti-doping sticker shall be affixed on the starboard side of the bow as described above.~~

Identification number stickers shall be affixed on both sides of the starboard and port side of the bow as described above.



For the port side



For the starboard side

### Notes on sticker affixing

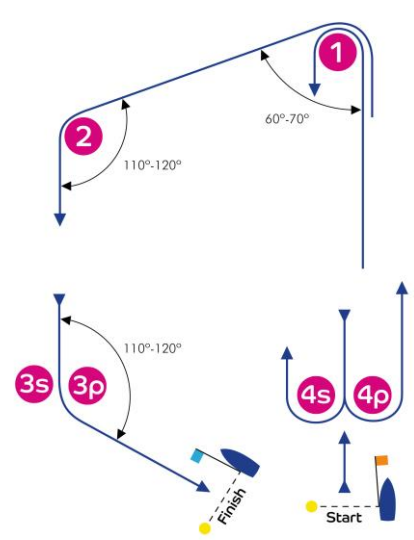
- Before affixing the sticker, clean the affixing area and degrease it with acetone etc.
- Stickers cannot be reapplied, so choose the location carefully.
- When stickers are applied using detergents, etc., they may peel off in waves if they do not dry completely.

## SI Addendum B COURSE AREAS



# SI Addendum C COURSE ILLUSTRATION

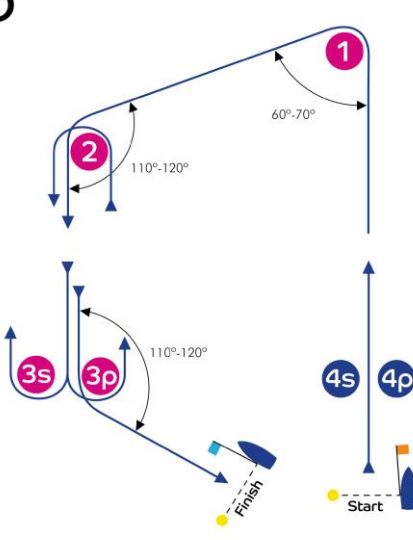
## I



Course: Inner Trapezoid

| Signal | Mark Rounding Order   |
|--------|---|
| I2     | Start - 1 - 4s/4p - 1 - 2 - 3p - Finish                         |
| I3     | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish             |
| I4     | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish |

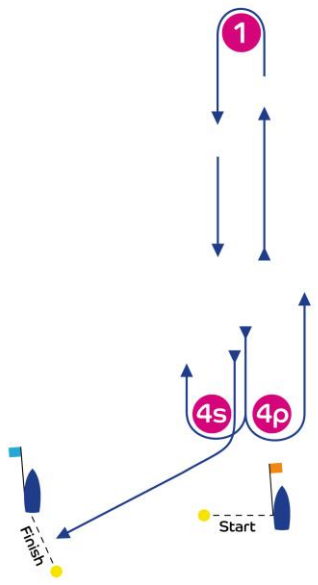
## O



Course: Outer Trapezoid

| Signal | Mark Rounding Order   |
|--------|---|
| O2     | Start - 1 - 2 - 3s/3p - 2 - 3p - Finish                         |
| O3     | Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish             |
| O4     | Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish |

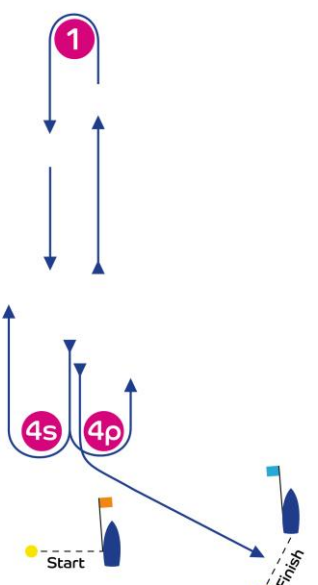
## LG



Course: Windward/Leeward

| Signal | Mark Rounding Order   |
|--------|---|
| LG2    | Start - 1 - 4s/4p - 1 - 4s - Finish                         |
| LG3    | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s - Finish             |
| LG4    | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s - Finish |

## LR



Course: Windward/Leeward

| Signal | Mark Rounding Order   |
|--------|---|
| LR2    | Start - 1 - 4s/4p - 1 - 4p - Finish                         |
| LR3    | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish             |
| LR4    | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish |