



49er, 49erFX and Nacra 17
Junior World Championships
Risør, Norway
1st to 7th July 2019

The Organizing Authority is the Royal Norwegian Yacht Club and Risør Yacht Club in conjunction with the International 49er and Nacra 17 Class Associations

SAILING INSTRUCTIONS

[NP] denotes a rule that shall not be grounds for protests by a boat. This changes RRS 60.1(a).

[DP] denotes a rule for which the penalty is at the discretion of the International Jury.

[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 International Jury with a hearing

1. RULES

- 1.1 The regatta will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 RRS Appendix P, *Special Procedures for Rule 42*, will apply as amended by SI 17.2.
- 1.3 The Class and Championship Rules of the International 49er and Nacra 17 Class Associations will apply except for any that are altered by the Notice of Race or the Sailing Instructions.
- 1.4 No National Authority prescriptions will apply.
- 1.5 If there is a conflict between languages the English text will take precedence.
- 1.6 [DP] Penalties for breaches of RRS 41, the Class Rules or the Equipment Inspection Regulations are at the discretion of the International Jury.
- 1.7 For 49er and 49erFX - the bottom two panels of the jib area shall be restricted to Class and Event advertising and all competitors shall place class nominated branding on their jibs according to the World Sailing approved 49er Class jib advertising policy.
For Nacra 17 - the area of the jib, except for the visibility window, shall be restricted to Class and Event advertising and all competitors shall place class nominated branding on their jibs according to the World Sailing approved Nacra 17 Class jib advertising policy.
All boats shall place the Class nominated stickers on their booms.

- 1.8 For the Olympic Events the Junior World Championships are a World Sailing 100 point ranking event.
- 1.9 The Nacra 17 class rules are changed to amend class rule C.6.1 and to add C.8.1(h) as presented in the written permission from the Class Association displayed on the Notice Board.

2. IDENTIFICATION

[SP] From Thursday 4 July onwards, each day while racing, the sailors of the first, second and third boats in series ranking at the beginning of the day shall wear yellow, blue and red lycra bibs respectively. These bibs will be available at the Race Office each day from two hours before the first scheduled warning signal of the day.

3. CAMERAS AND ELECTRONIC EQUIPMENT [NP]

- 3.1 Boats may be required to carry on board cameras, sound equipment or positioning equipment as specified by the Organising Authority. Competitors may also use their own camera recording equipment and attachments, but these are to be removable for weighing. A boat shall not be given redress based on a claim involving this equipment. This changes RRS 62.1
- 3.2 [DP][SP][NP] The Organising Authority may supply GPS units for use during the Qualifying Series and the Final Series Races. Boats shall carry these GPS units whilst racing. The GPS units shall be picked up every morning from the Race Office before going afloat and shall be returned to the Race Office no later than the end of protest time.
- 3.3 No competitor or support team shall use a drone over the racing area.

4. NOTICES TO COMPETITORS

Notices to competitors will be posted on the Official Notice Board located outside the Race Office.

5. CHANGES TO SAILING INSTRUCTIONS

Any change to the sailing instructions will be posted not less than two hours before the scheduled warning signal on the day it will take effect, except that any change to the timing of races, will be posted by 2000 the day before it will take effect. Up to FOUR races a day may be sailed without the need for a change in Sailing Instructions.

6. SIGNALS MADE ASHORE

- 6.1 Signals made ashore will be displayed at the official flagpole located in front of the Race Office. When a signal is displayed over a fleet flag, it applies to that fleet only.
- 6.2 [SP][NP] Flag D displayed ashore with one sound signal this means: “the warning signal will be made not less than 45 minutes after flag D is displayed or not before the scheduled time, whichever is later. Boats shall not leave their allocated berth until this signal is made”.

7. SCHEDULE OF EVENTS

- 7.1 The Championship schedule will be as follows;
- | | | |
|------------------|-------------|--|
| Monday 1 July | 1000 - 1800 | Race Office Open and Registration |
| Tuesday 2 July | 0900 - 1400 | Registration |
| | 1000 | Competitors meeting |
| | 1355 | Practice Races |
| | 1800 | Opening Ceremony |
| Wednesday 3 July | 1055 | Qualifying Races / Single Series Races |

	Thursday 4 July	1055	Qualifying Races / Single Series Races
		1400	For Nacra only - Pro Am / Sponsor sailing
	Friday 5 July	1055	Qualifying Races / Single Series Races
		1900	Class BBQ on Finnøya Island
	Saturday 6 July	1055	Final Series Races / Single Series Races
	Sunday 7 July	0955	Final Series Races / Single Series Races
	Prize Giving and Closing Ceremony as soon as possible after the final Races		
7.2	On Sunday 7 July there will be no warning signal after 1500.		
7.3	There will be an informal meeting with the PRO for the coaches at 0830 each morning from Wednesday 3 July at the Official Notice Board		

8. FORMAT OF RACING

For 49er the regatta will consist of an Opening Series. The Opening Series will be divided into a Qualifying Series and a Final Series. These races are as described in Attachment E.

For 49erFX and Nacra 17 the regatta will consist of Single series for each Class. The provisional racing schedule is described in Attachment D

9. CLASS FLAGS

For 49er in the Qualifying Series the class flag will be the class insignia on a background of yellow or green, in the Final Series, the class flags will be the 49er class insignia on a background of yellow (gold fleet) and green (silver fleet)

For 49erFX the class flag will be the class insignia on a background of blue

For Nacra 17 the class flag will be the class insignia on a background of red

10. RACING AREAS

10.1 Attachment B shows the location of the race area.

10.2 Assignment of fleets to racing areas will be as Attachment D unless amended as in SI 5 and will be posted before flag D is displayed, see SI 6.2.

10.3 [DP][NP] Boats not racing shall not sail in the course area being used by another fleet.

11. THE COURSES

11.1 Attachment A shows the course to be sailed, the order in which the marks are to be passed, the side on which each mark is to be left, and the signals indicating the number of rounds to be sailed.

11.2 No later than the warning signal, the race committee signal vessel will display the approximate compass bearing from the race committee signal vessel to Mark 1.

11.3 There will be a gate at the leeward marks and Nacra 17 will have a spreader mark at the windward mark.

11.4 A gate may be replaced by a single mark to be left to port

11.5 Courses will not be shortened using flag S. This changes RRS 32

12. MARKS

Racing Area A - LOS course

Mark 1 Yellow cylinder with LOS logo

Gate 2 Yellow cylinder with LOS logo

Change mark Green cylinder

Racing area B - Entelios course

Mark 1 Red cylinder with Entelios logo

Gate 2 Red cylinder with Entelios logo

Change mark Green cylinder

Spreader marks.....	Red pyramid
Starting marks.....	Race Committee vessels
Finishing marks.....	Race Committee vessels

13. THE START

- 13.1 The starting line will be between staffs displaying orange flags on the starting marks.
- 13.2 [DP][NP] Boats whose warning signal has not been made shall avoid the starting area.
- 13.3 A boat starting later than four minutes after her starting signal will be scored Did Not Start. This changes RRS A4 and A5.
- 13.4 To alert boats that a race or sequence of races will begin soon, the orange starting line flag will be displayed with ONE sound signal not less than TWO minutes before the warning signal is displayed.

14. CHANGE OF THE NEXT LEG OF THE COURSE

- 14.1 To change the next leg of the course, the race committee will lay a change mark, which will be as detailed in SI 12. When a new mark is laid, the original mark will be removed as soon as possible.
- 14.2 For Nacra 17 only - if the windward mark is changed a new spreader mark will not be laid.

15. THE FINISH

- 15.1 The finishing line will be between staffs displaying orange flags on the finishing marks.
- 15.2 For Nacra 17 only - [DP][SP] When the blue finishing flag is displayed on the main committee boat NO boats shall enter the Finishing Exclusion Zone other than boats that are finishing who shall leave the zone immediately. See Attachment C

16. TIME LIMITS

- 16.1 For the Qualifying Series and Final Series the time limits and target times are as follows:
 Time limit.....45 minutes
 Finish window.....15 minutes
For Nacra 17 only in winds averaging less than 10 knots the Finishing window is increased to 20 minutes
 Target time.....30 minutes
- 16.2 Boats failing to finish within the Finish Window (the time after the first boat sails the course and finishes) will be scored Did Not Finish without a hearing. This changes RRS 35, A4 and A5.

17. PENALTY SYSTEM

- 17.1 Appendix P, *Special Procedures for Rule 42* will apply, as changed by SI 17.2
- 17.2 RRS 44.1 and RSS P2.1 are changed so that the Two-Turns penalty is replaced by a One-Turn penalty.
- 17.3 Penalties for breaches of NOR 17 (Insurance), NOR 19 (Media Rights), the ER, Class Rules and rules in the Notice of Race and Sailing Instructions marked [DP], are at the discretion of the International Jury.
- 17.4 For breaches of the SIs marked [SP], the race committee may apply a standard penalty without a hearing. A list of these breaches and the associated standard penalties will be posted on the Official Notice Board. However, the race committee may protest a boat when they consider the standard penalty to be inappropriate. A boat that has been penalised with a standard penalty can neither be protested for

the same incident by another boat nor can another boat request redress for this race committee action. This changes RRS 60.1, 63.1 and Appendix A5.

18. PROTESTS AND REQUESTS FOR REDRESS

- 18.1 Protest forms are available at the Race Office. Protests and requests for redress or reopening shall be delivered there within the protest time limit.
- 18.2 The protest time limit will be posted on the Official Notice Board located at the Race Office. The protest time limit will be 60 minutes after the last boat of each class has finished the last race of the day or the race committee signals no more racing today, whichever is later. The same time limit applies to protests by the race committee and jury about incidents they observe in the racing area. This time limit also applies to requests for redress. This changes RRS 61.3 and 62.2.
- 18.3 Notices will be posted no later than 30 minutes of the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. Hearings will be held in the designated jury room next to the Race Office. Hearings may start before the scheduled time with the agreement of all parties.
- 18.4 The Race Committee, Technical Committee or International Jury intending to protest a boat under RRS 60.2, 60.3 or 60.4 will comply with RRS 61.1(b) by informing her by posting a notice before the end of the protest time limit.
- 18.5 A list of boats that have been penalised under RRS Appendix P on the water or have been disqualified by the jury will be posted on the official notice board.
- 18.6 For the purposes of RRS 64.3(b) the 'authority responsible' is the Technical Committee appointed by the Organising Authority.
- 18.7 On the last day of racing of each series a request for redress from a jury decision shall be delivered no later than 30 minutes after the decision was posted. This changes RRS 62.2.
- 18.8 The time limit for requests under RRS N1.4(b) is 5 minutes after a party is informed of a decision.

19. INTERNATIONAL JURY

Decisions of the International Jury will be final as provided in RRS 70.5

20. SCORING

For 49erFX and Nacra 17

- 20.1 The low point scoring system of Appendix A will apply.
- 20.2 SIX races are required to be completed to constitute a series.
- 20.3 When fewer than FOUR races have been completed, a boat's Series score shall be the sum of her race scores.
- 20.4 When FOUR or more races have been completed, a boat's Series score shall be the total of her race scores excluding her worst score.
- 20.5 Resolving Ties
Ties will be broken in accordance with RRS A8.

For 49er

- 20.6 The low point scoring system of Appendix A will apply.
- 20.7 SIX Qualifying Series races are required to be completed to constitute the series.
- 20.8 When fewer than FOUR races have been completed, a boat's overall score shall be the sum of her race scores.
- 20.9 When FOUR or more races have been completed, a boat's overall score shall be the total of her race scores excluding her worst score.
- 20.10 When RRS A4.2 and A5 apply, a boat's penalty score shall be based on the number of boats in the largest group. This changes RRS A4.2 and A5.
- 20.11 Final Series fleets need not have completed the same number of fleet races.
- 20.12 A boat's Qualifying Series score plus the Final Series score will be the overall

score for the Championship.

20.13 The boats in the Gold Fleet will be ranked above the boats in the Silver Fleet

20.14 Resolving Ties

Ties will be broken in accordance with RRS A8.

20.15 **Scoring enquiries**

To request correction of an alleged error in posted race or series results, a boat shall complete a scoring enquiry form available at the race office. Scoring enquiry forms shall be delivered to the race office. A scoring enquiry may be regarded as a request for redress.

21. SAFETY [DP][SP]

21.1 Competitors shall wear a personal flotation device at all times while afloat, except briefly while changing or adjusting clothing or personal equipment.

21.2 Each competitor shall personally sign out on the required form, before going afloat each day and sign in on returning to shore and at the latest by the end of protest time.

21.3 Boats not leaving the shore for the day's races shall notify the race office as soon as possible.

21.4 A boat that retires from a race shall notify the race committee as soon as possible.

21.5 When Flag V is displayed by the race committee signal vessel, coach and other support boats will collaborate with the race committee in rescue tasks.

22. REPLACEMENT OF CREW OR EQUIPMENT

22.1 Replacement of helm or crew shall require written approval of the PRO.

22.2 Request for replacement of helm or crew shall be made to the PRO at the first reasonable opportunity. On Sunday 7 July any replacement of helm or crew shall be approved no later than the protest time limit.

22.3 Replacement of equipment shall require written approval of the Technical Committee.

22.4 Request for replacement of equipment shall be made to the Technical Committee at the first reasonable opportunity. On Sunday 7 July any replacement equipment shall be approved no later than the protest time limit.

23. EQUIPMENT AND MEASUREMENT CHECKS [DP]

23.1 All boats will be inspected for class rules compliance prior to racing. Boats shall be presented for measurement checks at the times prescribed in SI 7.

23.2 In addition, any boat or equipment may be checked for compliance with the class rules and sailing instructions at any time. On the water, a boat can be instructed by the Technical Committee to proceed immediately to a designated area for measurement checks.

23.3 Limitations of equipment

i) Only one set of sails shall be used during the regatta.

ii) For 49er and 49erFX only - Only one forestay shall be used during the regatta.

23.4 All boats, when not afloat, shall be placed in the official dinghy park.

24. OFFICIAL BOATS

Official boats will be identified as follows:

Race committee boats..... Area A - LOS course
Area B - Entelios course

Jury boats..... White flags with JURY

Technical Committee boats..... White flags with MEASURER

25. SUPPORT BOATS [DP][NP]

25.1 Team leaders, coaches and other support personnel shall not be in the area where

boats are racing or within 100 metres of any boat racing from the time of the preparatory signal for the first fleet to start until all boats have finished or the race committee signals a postponement, general recall or abandonment. This SI does not apply during rescue operations.

- 25.2 At all times while on water, support boats shall display either their national flag on a staff with the top of the hoist minimum 1.5 m above water level or their national code letters (minimum height 200mm) on the outside of the hull or on the side of the outboard motor cover.
- 25.3 Support boats shall comply with the Class Support Boat Regulations.
- 25.4 Support boats that are motoring at more than 5 knots shall remain at least 150 metres from any boat that is racing.
- 25.5 All support boats are at all times submitted to the Organising Committee and Race Committee authority and must comply with any instructions given by these authorities.
- 25.6 The International Jury may direct the Organising Authority to revoke privileges from any boat or person found to be in breach of SI 25.

26. CODE OF CONDUCT [DP]

Competitors shall comply with any reasonable request from a regatta official or a member of the Organising Authority. Boats shall follow all instructions given by the OA when returning to shore to avoid overcrowding at the launching ramps.

27. TRASH DISPOSAL [DP]

As sailors, we seek to protect and restore our oceans and coastal waters. Trash may be placed aboard support and race committee boats.

28. RADIO COMMUNICATION [DP][NP]

A boat shall neither make radio transmissions while racing nor receive radio communications not available to all boats. This restriction also applies to mobile telephones.

29. PRIZES

The Organising Authority will provide prizes to the first three boats in each class.

30. RISK STATEMENT

RRS 4 of the Racing Rules of Sailing states: "The responsibility for a boat's decision to participate in a race or to continue racing is hers alone."

Sailing is by its nature an unpredictable sport and therefore inherently involves an element of risk. By taking part in the event, each competitor agrees and acknowledges that:

- a) They are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves, their crew and their boat to such inherent risk whilst taking part in the event;
- b) They are responsible for the safety of themselves, their crew, their boat and their other property whether afloat or ashore;
- c) They accept responsibility for any injury, damage or loss to the extent caused by their own actions or omission;
- d) Their boat is in good order, equipped to sail in the event and they are fit to participate;
- e) The provision of a race management team, patrol boats and other officials and volunteers by the event organiser does not relieve them of their own responsibilities;
- f) The provision of patrol boat cover is limited to such assistance, particularly in extreme weather conditions, as can be practically provided in the

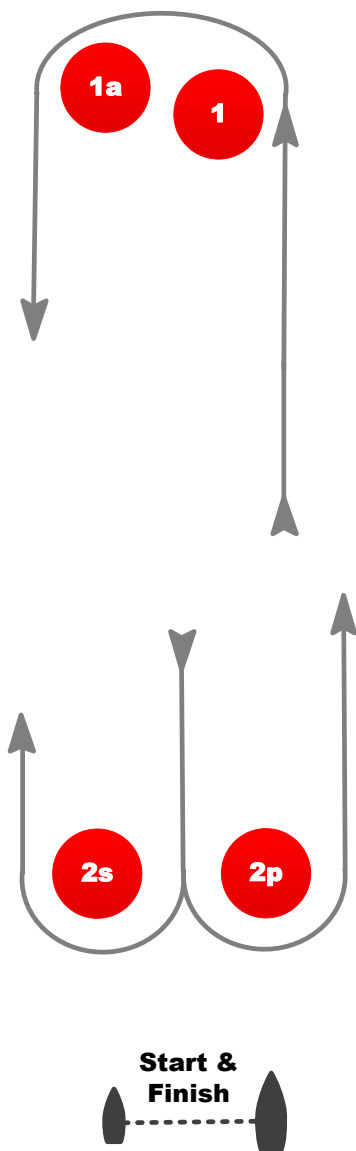
circumstances.

- g) It is their responsibility to familiarise themselves with any risks specific to this venue or this event drawn to their attention in any rules and information produced for this event and to attend any safety meetings held for this event.

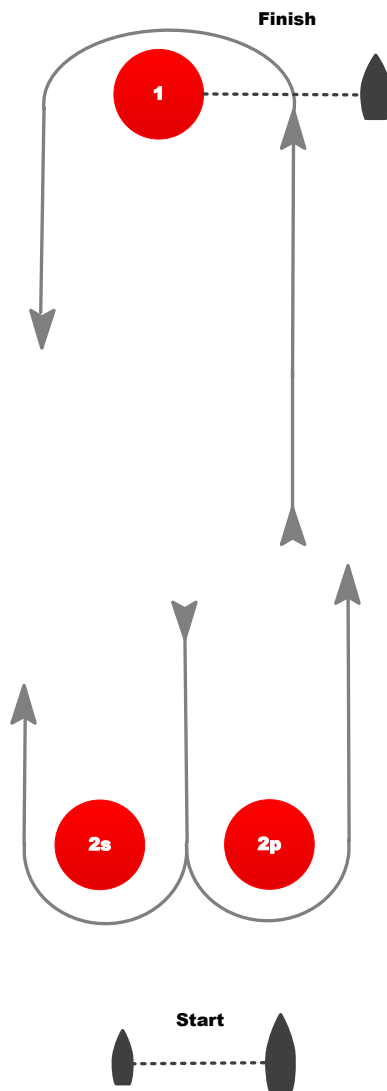
31. INSURANCE [DP][NP]

Each participating boat shall have valid third-party liability insurance with a minimum cover of at least Euros 1,500,000 (or equivalent) per incident.

LA	COURSE: WINDWARD / LEEWARD with spreader mark and leeward finish
Signal	Mark Rounding Order
LA2	Start – 1 – 1a – 2s/2p – 1 – 1a – Finish
LA3	Start – 1 – 1a – 2s/2p – 1 – 1a – 2s/2p – 1 – 1a – Finish
LA4	Start – 1 – 1a – 2s/2p – 1 – 1a – 2s/2p – 1 – 1a – 2s/2p – 1 – 1a – Finish



W	COURSE: WINDWARD / LEEWARD with windward finish
Signal	Mark Rounding Order
W3	Start – 1 – 2s/2p – 1 – 2s/2p – Finish
W4	Start – 1 – 2s/2p – 1 – 2s/2p – 1 – 2s/2p – Finish

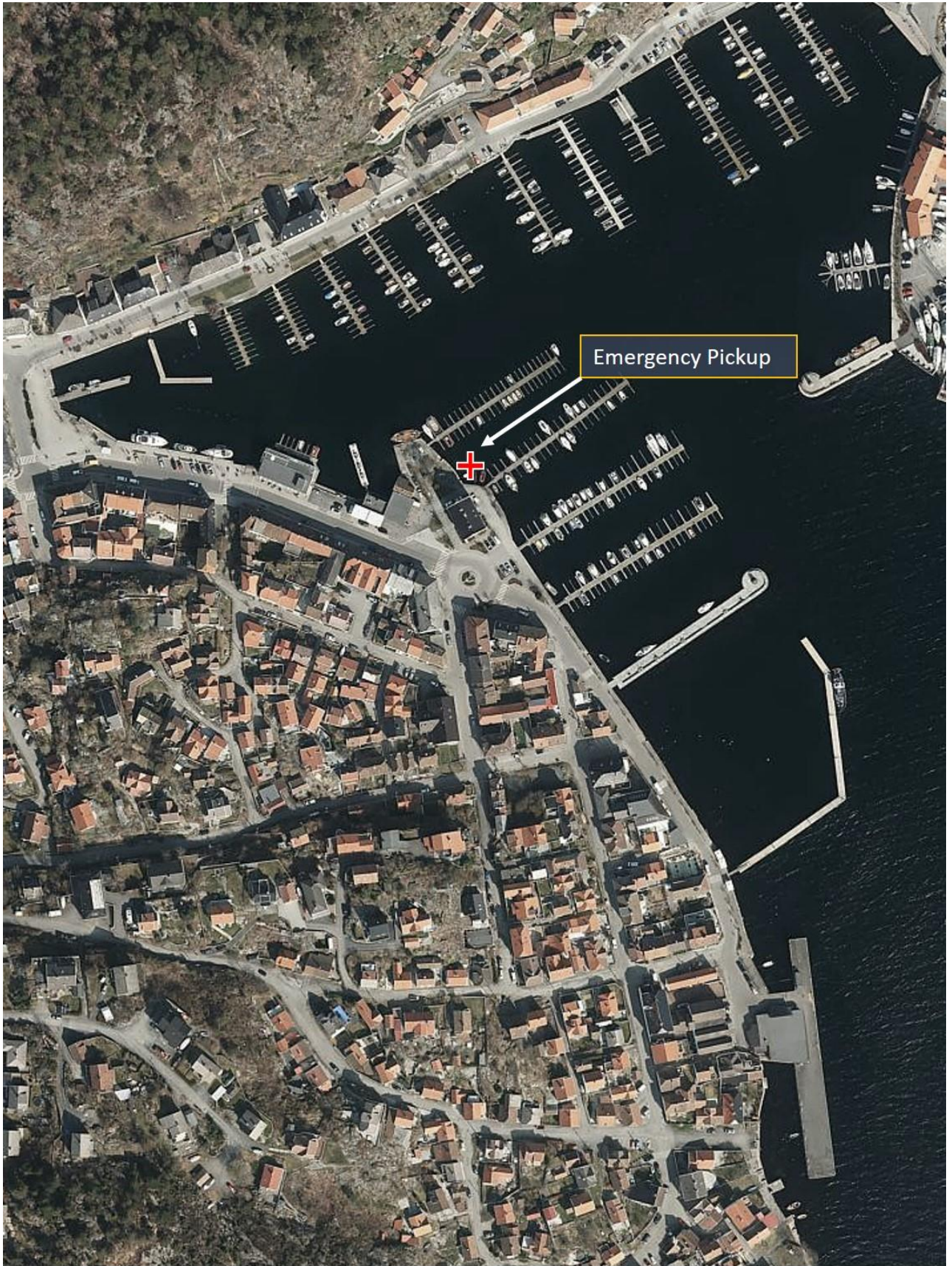


Attachment B

Course Locations

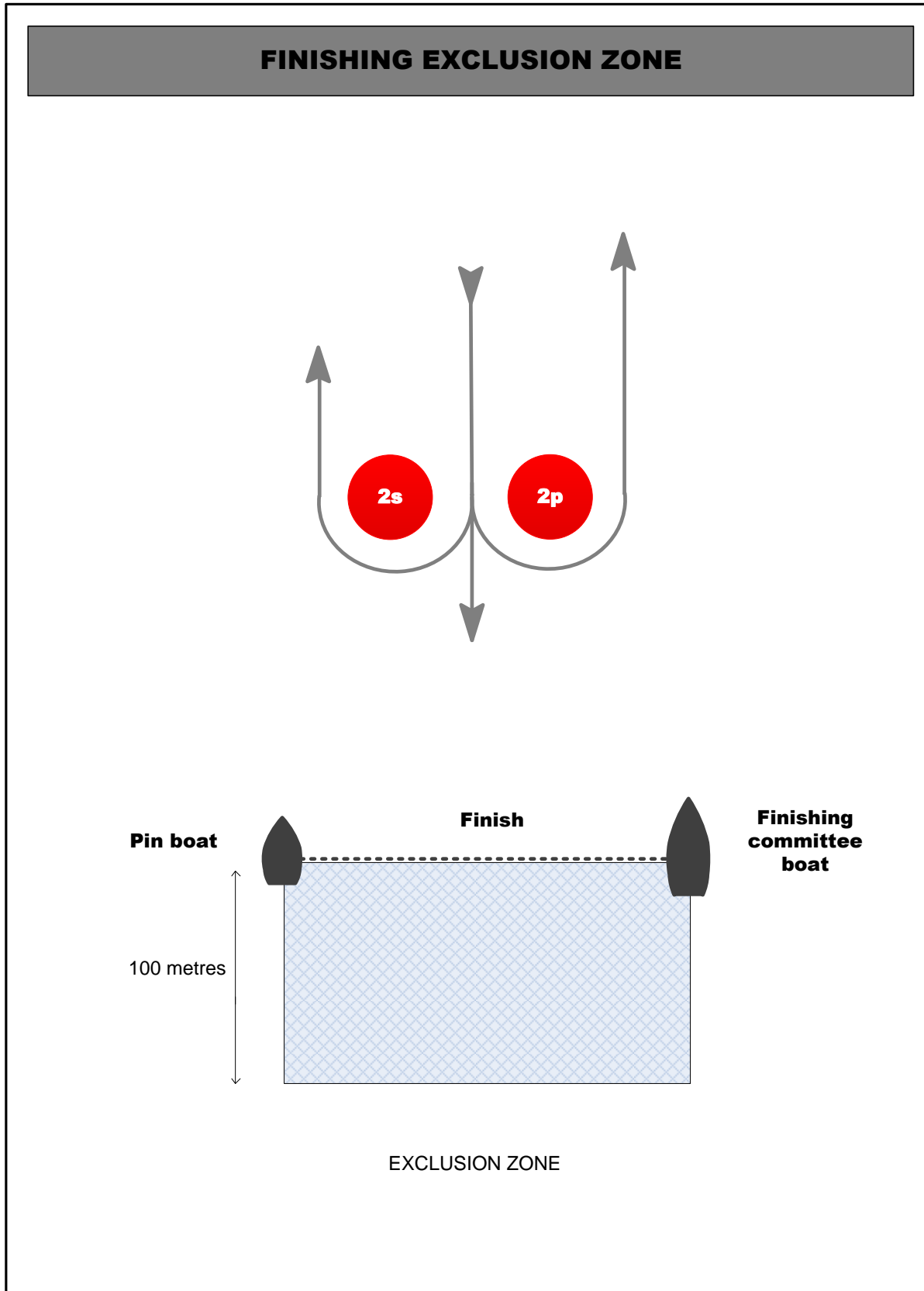


EMERGENCY MEETING POINT



Attachment C

Finishing Exclusion Zone



Attachment D Racing Schedule

2019 Junior Worlds Championships

1 – 7 July 2019

Warning signal

Day 0 - Practice Day - 2 July	Course A – LOS course	Course B – Entelios course
13:55	49er Yellow	49erFX
ASAP	49er Green	Nacra
Day 1 - 3 July	Course A - LOS course	Course B – Entelios course
10:55	49er Yellow R1	49er Green R1
ASAP	49er Yellow R2	49er Green R2
ASAP	49er Yellow R3	49er Green R3
Not Before 12.55	Nacra 17 R1	49erFX R1
ASAP	Nacra 17 R2	49erFX R2
ASAP	Nacra 17 R3	49erFX R3
Day 2 – 4 July	Course A - LOS course	Course B – Entelios course
10.55	Nacra 17 R4	49erFX R4
ASAP	Nacra 17 R5	49erFX R5
ASAP	Nacra 17 R6	49erFX R6
Not Before 12.55	49er Green R4	49er Yellow R4
ASAP	49er Green R5	49er Yellow R5
ASAP	49er Green R6	49er Yellow R6
Day 3 – 5 July	Course A - LOS course	Course B – Entelios course
10.55	49erFX R7	Nacra 17 R7
ASAP	49erFX R8	Nacra 17 R8
ASAP	49erFX R9	Nacra 17 R9
Not before 12.55	49er Yellow R7	49er Green R7
ASAP	49er Yellow R8	49er Green R8
ASAP	49er Yellow R9	49er Green R9
Day 4 – 6 July	Course A - LOS course	Course B – Entelios course
10.55	49erFX R10	49er Gold F10
ASAP	49erFX R11	49er Gold F11
ASAP	49erFX R12	49er Gold F12

Not Before 12.55	49er Silver F10	Nacra 17 R10
ASAP	49er Silver F11	Nacra 17 R11
ASAP	49er Silver F12	Nacra 17 R12
Day 5 - 7 July	Course A - LOS course	Course B – Entelios course
09.55	Nacra 17 R13	49er Gold F13
ASAP	Nacra 17 R14	49er Gold F14
ASAP	Nacra 17 R15	49er Gold F15
Not Before 11.55	49er Silver F13	49erFX R13
ASAP	49er Silver F14	49erFX R14
ASAP	49er Silver F15	49erFX R15

Attachment E

Format of Racing for 49er

The Championship will consist of a Qualifying Series and a Final Series

1. **Qualifying Series** (Days 1, 2 and 3)

- 1.1 The fleet will be split into TWO groups of approximately equal numbers of boats. The Qualifying Series will consist of a maximum of NINE races and a minimum of SIX races. Up to FOUR races may be scheduled each day. If SIX races have not been completed by all fleets by the end of Day 3, Friday 5 July, the Qualifying Series will continue.
If the minimum number of SIX Qualifying Series races have been completed by both fleets by the end of racing on any day and some boats have more races scores than others, scores for the most recent races will be excluded when calculating their Qualifying Series scores.
- 1.2 The Organising Authority will make initial fleet assignments on the basis of the top 50 ranked boats from the World Sailing rankings, and then from the top 20 ranked boats from the 2018 Junior World Championships, with the remainder being taken in numerical order of sail numbers. The ranking will remain in force until the end of the day during which the 2nd Qualifying Race is completed by all fleets.
- 1.3 If all fleets have completed the same number of races, boats will be reassigned to fleets on the basis of their Qualifying Series scores as detailed below. If all fleets have not completed the same number of races by the end of a day, and the minimum number of races has not been completed the fleets with fewer races will continue racing the following day until all fleets have completed the same number of races. However, the reassignments will be calculated for those races, numbered in order of completion, completed by all fleets. Reassignments will be made as follows:

FOR 49er

<u>Place in Qualifying Series</u>	<u>Fleet assignment</u>
First	Yellow
Second	Green
Third	Green
Fourth	Yellow
and so on	

The fleet assignments will be posted no later than 0900 on the day they take effect.

Final Series (Days 4 and 5)

- 2.1 The top 50% of boats sailing in the Qualifying Series based on their Qualifying Series scores after Day 3 will race in the Gold fleet (unless the Qualifying Series has been extended under section 1.1 above).
- 2.2 The remaining boats will race in the Silver fleet.
- 2.3 Up to FOUR races may be scheduled per day for each fleet. Target time is 30 minutes for ALL fleets
- 2.4 No warning signal for the Final Series will be made after 1500 on Sunday 7 July.