



49er and 49erFX

European Championships

Aarhus, Denmark

29th June – 7th July 2013

The Organising Authority is Sailing Aarhus in conjunction with the International 49er Class Association

SAILING INSTRUCTIONS

1. RULES

- 1.1 The regatta will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 No national authority prescriptions will apply.
- 1.3 Danish legislation requires every boat to be equipped with personal buoyancy for the number of persons on board at any time.
- 1.4 If there is a conflict between languages the English text will prevail.
- 1.5 For the Final races, Addendum Q will apply and takes precedence over any conflicting instructions.
- 1.6 Where there is conflict with the Notice of Race, the Sailing Instructions shall prevail except that neither shall change nor alter any Class Rules. This changes RRS 63.7

2. IDENTIFICATION

- 2.1 Boats will be required to affix the stickers provided by the Organising Authority on both side of the forward 25% of the hull, 300mm from the bow.



SEIKO



- 2.2 Identification on sails
Appendix G3 will apply. Boats chartered or loaned for this event may carry national letters or a sail number in contravention of class rules. In no circumstances will such a boat be permitted to race displaying the sail number of another boat that is racing. This changes Appendix G3.
- 2.3 Each day while racing, the first, second and third boats in series ranking at the beginning of the day shall display a yellow, blue and red sticker on their mainsail respectively. These stickers 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

- 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 The Organising Authority will supply GPS units for Gold Fleet and Finals racing.
- 3.3 The following procedure shall be followed:
- (a) Each race day one member of each crew shall personally collect their tracking device at the Race Office before leaving shore to race.
 - (b) The tracking devices will be made available at the Race Office from ninety minutes before the scheduled time of the first warning signal and up to the starting signal of the first race of the day.
 - (c) When returning ashore after racing, one member of each crew shall personally return the tracking device to the Race Office. The opportunity to return tracking devices will be available up to the protest time limit.

Any boat failing to comply with this procedure without any reason beyond her control will receive a penalty of 3 points, added to their overall score, without a protest hearing. This changes RRS 63.1 and A5.

4. NOTICES TO COMPETITORS

Notices to competitors will be posted on the official notice board located at the Race Office in the dinghy park.

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 schedule of races, will be posted by 20.00 the day before it will take effect.

6. SIGNALS MADE ASHORE

- 6.1 Signals made ashore will be displayed at the official flagpole located immediately outside the Race Office. When a signal is displayed over a class flag, it applies to that fleet only.
- 6.2 Flag D displayed ashore with one sound signal this means: “the warning signal will be made not less than 30 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 RACES**For 49er**

Date	Event	Warning signal
Saturday 29 June	Measurement/Registration/Inspection	09.00 – 18.00
Sunday 30 June	Measurement/Registration/Inspection	09.00 – 18.00
	Competitors meeting in the tent.	18.00
Monday 1 July	Practice races	13.55
	Opening Ceremony	16.30
Tuesday 2 July	Qualifying races	10.55
Wednesday 3 July	Qualifying races	10.55
Thursday 4 July	Fleet races	10.55
Friday 5 July	Fleet races	10.55
Saturday 6 July	Fleet races	10.55
Sunday 7 July	Fleet races for those not in Final races	09.55
	Final races	11.55
	Prize giving and Closing Ceremony as soon as possible after the Final Race	

For 49erFX

Date	Event	Warning signal
Saturday 29 June	Measurement/Registration/Inspection	09.00 – 18.00
Sunday 30 June	Measurement/Registration/Inspection	09.00 – 18.00
	Competitors meeting in the tent.	18.00
Monday 1 July	Practice races	13.55
	Opening Ceremony	16.30
Tuesday 2 July	Qualifying races	10.55
Wednesday 3 July	Qualifying races	10.55
Thursday 4 July	Qualifying races	10.55
Friday 5 July	Fleet races	10.55
Saturday 6 July	Fleet races	10.55
Sunday 7 July	Fleet races for those not in Final races	09.55
	Final races	11.55
	Prize giving and Closing Ceremony	

When more than one race, or sequence of races, will be held on the same day, the warning signal for each succeeding race will be made as soon as practicable

8. FORMAT OF RACING – QUALIFYING RACES, FLEET RACES AND FINAL RACES

The regatta will consist of a Qualifying Races, Fleet Races and Final Races. These races are as described in Attachment C.

9. CLASS FLAGS

- 9.1 In the Qualifying series, the class flag will be a 49er class insignia on a background of the colour of the appropriate fleet, yellow, blue or red, for 49erFX the class flag will be 49erFX class insignia on a background of yellow.

- 9.2 In the Fleet racing series, the class flags will be a 49er class or 49erFX class insignia on a background of yellow (gold fleet), blue (silver fleet) or red (bronze fleet).
- 9.3 In the Final races, the class flag will be the 49er class or 49erFX class insignia on a background of yellow

10. RACING AREAS

- 10.1 Attachment B shows the location of the race area.
- 10.2 Initial assignment of fleets to the racing area will be posted before flag D is displayed, see SI 6.2.
- 10.3 Boats not racing shall not sail in the course area being used by another fleet.
- 10.4 For the Final Races the location of the racing area will be posted on the official notice board.

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 may display the approximate compass bearing from the race committee signal vessel to Mark 1.
- 11.3 There will be gates at the windward and the leeward marks.
- 11.4 A gate may be replaced by a single mark to be left to port
- 11.5 On the last leg to the finish, the leeward gate is not a mark.

12. MARKS

Marks 1(gate) and 2 (gate) - racing area A	Yellow
Marks 1(gate) and 2 (gate) - racing area B	Orange
Marks 1(gate) and 2 (gate) - racing area C	Yellow
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 (race committee starting vessels) at each end of the starting line.
- 13.2 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

To change the next leg of the course, the race committee will move the existing marks (or move the finishing line).

15. THE FINISH

The finishing line will be between staffs displaying orange flags on the finishing marks.

16. TIME LIMITS

16.1 Time limits and target times are as follows:

Time limit 45 minutes

Mark 1 time limit 15 minutes

Target time 30 minutes or as described in Appendix C

16.2 If no boat has passed mark 1 within the mark 1 time limit, the race may be abandoned.

16.3 Boats failing to finish within 15 minutes 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 RRS 44.1 and RSS P2.1 are changed so that the two turn penalty is replaced by a one turn penalty including a tack and a gybe.

17.2 Appendix P will apply, as changed by SI 17.1

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 jury notice board located at the Race Office. The protest time limit will be 60 minutes after the last boat of the whole fleet 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 within 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 jury room located next to the Race Office. Hearings may start before the scheduled time with the agreement of all parties.

18.4 The race committee or jury intending to protest a boat under RRS 60.2 or 60.3 will comply with RRS 61.1(b) by informing her by posting a notice before the end of the protest time limit of the last fleet to finish.

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 measurer appointed by the Organising Authority.

18.7 Breaches of instructions 2, 3, 6.2, 10.3, 21, 22.2, 23.2, 25, 26 and 27 will not be grounds for protest by a boat. This changes RRS 60.1(a). Penalties for these breaches may be less than disqualification if the jury so decides.

- 18.8 On the last day of fleet racing of each series a request for reopening a hearing shall be delivered:
- within the protest time limit if the party requesting reopening was informed of the decision on the previous day;
 - no later than 30 minutes after the party requesting reopening was informed of the decision on that day.
- This changes RRS 66.
- 18.9 On the last scheduled day of fleet 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.

19. INTERNATIONAL JURY

Decisions of the international jury will be final as provided in RRS 70.5

20. SCORING

20.1 Qualifying races

- 20.1.1 The low point scoring system of Appendix A, as changed below, will apply to the qualifying races.
- 20.1.2 For all fleets, FIVE Qualifying races are required to be completed to constitute a series.
- 20.1.3 When 5 or more races have been completed, a boat's Qualifying races score shall be the total of her race scores excluding her worst score.
- 20.1.4 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.
- 20.1.5 The Qualifying series points including discard are carried forward to the Fleet racing series

20.2 Fleet races

- 20.2.1 The low point scoring system of Appendix A will apply separately to each fleet racing fleet. Fleet racing fleets need not have completed the same number of fleet races.
- 20.2.2 When fewer than FIVE fleet races have been completed, a boat's Fleet races score shall be the sum of her race scores.
- 20.2.3 When 5 or more races have been completed, a boat's Fleet races score shall be the total of her race scores excluding her worst score.
- 20.2.4 The Qualifying series points including discard plus the Fleet racing series points give the Total overall points for the Championship but for boats competing in the Final races these Total overall points are carried forward to the Final races.

20.3 Final races

See Attachment C for details

20.4 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.

20.5 Scoring abbreviation

The scoring abbreviation for a discretionary penalty imposed under SI 18.7 will be 'DPI'.

21. SAFETY

- 21.1 Boats not leaving the shore for the day’s races shall notify the Race Office as soon as possible.
- 21.2 A boat that retires from a race shall notify the race committee as soon as possible.
- 21.3 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, crew or equipment shall require written approval of the PRO
- 22.2 Request for replacement of helm, crew or equipment shall be made to the PRO 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

- 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 a race committee measurer 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. The sails shall be presented and stamped during the initial inspection.
 - ii) Only one forestay shall be used during the regatta. The forestay will be tagged during the initial inspection.
- 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	Yellow flags with letter “A”
	Orange flags with letter “B”
	Blue flags with letter “C”
Mark boats.....	SAP streamers
Jury boats.....	Flags with letter “J”
Other boat under control of RC.....	MEDIA flag
VIP boats.....	VIP flag

25. SUPPORT BOATS

- 25.1 Team leaders, coaches and other support personnel shall not be in the area where boats are racing or within 50 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 outboard motor cover. Furthermore support boats shall be marked with a number supplied by the Organising Authority. This number shall be clearly visible on the boats.
- 25.3 Support boats that are motoring at more than 5 knots shall remain at least 150 metres from any boat that is racing.
- 25.4 Support boats shall comply with any reasonable request from a regatta official.
- 25.5 All support boats are at all times submitted to the Organising Committee and Race Committee authority, are legally considered as assistance / rescue boats and must comply with any instructions given by these authorities or by the police.
- 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. TRASH DISPOSAL

As sailors, we seek to protect and restore our oceans and coastal waters. Boats shall not intentionally put trash in the water. Trash may be placed aboard support and race committee boats. The penalty for breaking RRS 55 is at the discretion of the Jury and may be less than disqualification.

27. RADIO COMMUNICATION

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.

28. PRIZES

The Organising Authority will provide prizes to the first three boats in each of the fleets

Additionally the following prizes will be awarded,

- “Seiko King of the Downwind” (Polkadot Jersey) to the team with the least time spent sailing downwind
- “Magic Marine Starting Points Competition” (Green Jersey) to the team with the most points accumulated from starting skills.

29. DISCLAIMER OF LIABILITY

Competitors participate in the regatta entirely at their own risk. See RRS 4, Decision to Race. The Organising Authority 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.

30. INSURANCE

Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of Euro 1,500,000 or the equivalent.

Attachment A

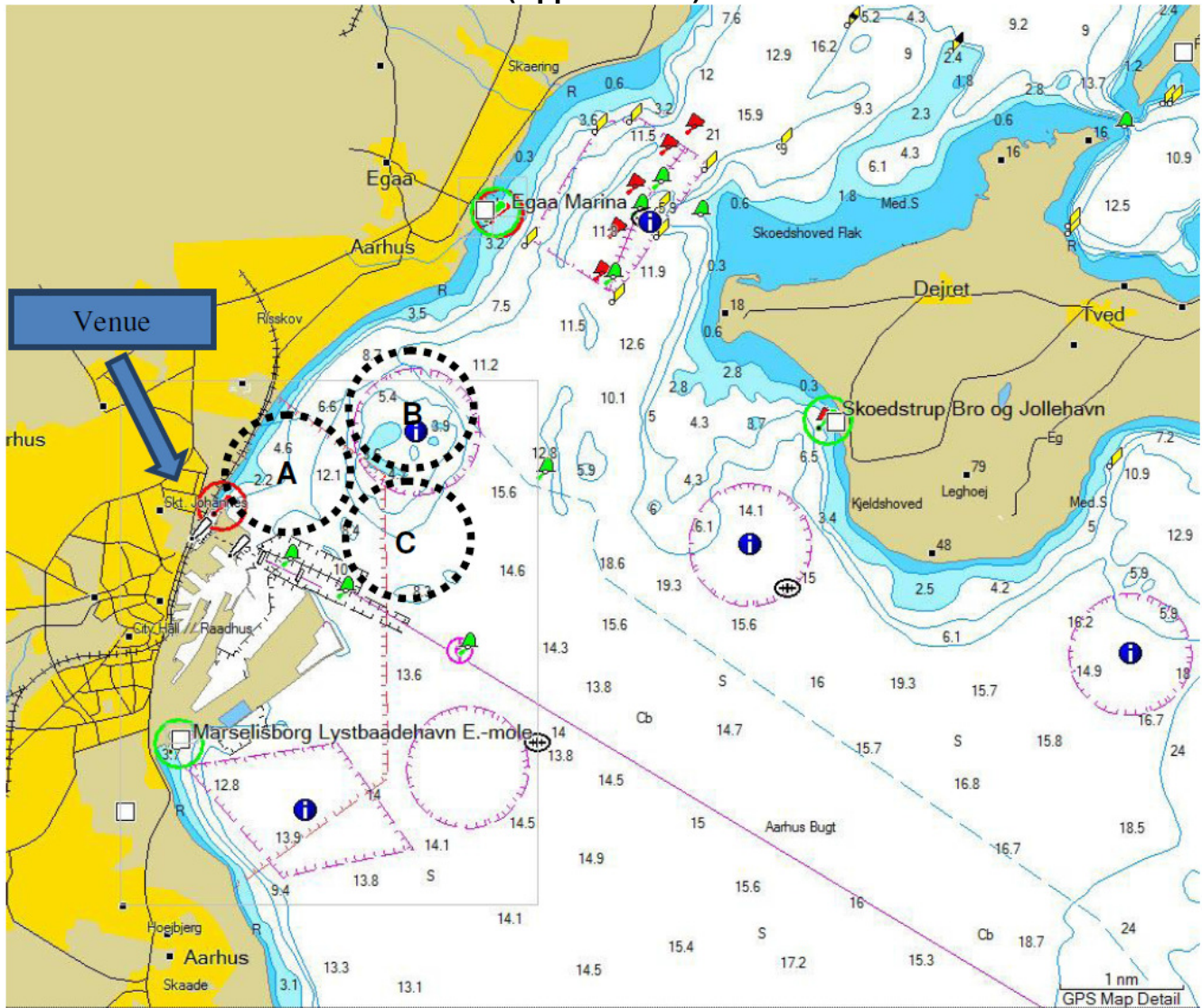
Course Layout

L	COURSE: WINDWARD / LEEWARD
Signal	Mark Rounding Order
L2	Start – 1s/1p – 2s/2p – 1s/1p – Finish
L3	Start – 1s/1p – 2s/2p – 1s/1p – 2s/2p – 1s/1p – Finish
L4	Start – 1s/1p – 2s/2p – 1s/1p – 2s/2p – 1s/1p – 2s/2p – 1s/1p – Finish

The diagram illustrates the course layout with four red circular marks: 1p (top left), 1s (top right), 2s (bottom left), and 2p (bottom right). Arrows show the following paths: from 1p down to 2s, from 1s down to 2p, from 2s up to 1p, and from 2p up to 1s. At the bottom, a 'Start & Finish' line is indicated between two black buoys.

Attachment B

Course Locations (Approximate)



Attachment C

1. Format of Racing

- 1.1 The Championship will be in three parts
1. Qualifying Races
 2. Fleet Races
 3. Final Races.
- 1.2 The Organising Authority will make initial fleet assignments on the basis of the current ISAF Ranking List, recent results and any other relevant information. This ranking will remain in force until the end of a 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 series scores. If all fleets have not completed the same number of races by the end of a day the fleets with fewer races will continue racing the following day until all fleets have completed the same number of races. Unless Format of Racing instruction 2.4 applies. However the reassignments will be calculated for those races, numbered in order of completion, completed by all fleets. Reassignments will be made as follows:

Place in series score	Fleet assignment
First.....	Yellow
Second.....	Blue
Third.....	Red
Fourth.....	Red
Fifth.....	Blue
Sixth.....	Yellow
and so on	

Assignments will be based on the scores available at 21.00 that day regardless of protests or requests for redress not yet decided. The fleet assignments will be posted no later than 09:00 on the day they take effect.

49er

2. Qualifying Races (Days 1 and 2)

- 2.1 The fleet will be split into THREE groups of approximately equal numbers of boats.. The Qualifying racing series will consist of a maximum of SEVEN races

- 2.2 Following the qualification races the fleets will be split into gold, silver and bronze fleets (depending on numbers). The Gold fleet will be 31 boats and the remaining boats will be split into fleets of approximately equal numbers depending on the number of boats.
- 2.3 A maximum of THREE races per day for each fleet may be sailed at the discretion of the race committee.
- 2.4 If the minimum number of FIVE Qualifying races have been completed by all 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.
- 2.5 Qualifying continues until at least FIVE races have been completed.

3. **Fleet Races** (Days 3, 4 and 5)

- 3.1 A maximum of FOUR races per day for each fleet may be sailed at the discretion of the race committee.
- 3.2 No warning signal for the Fleet races will be made after 11.55 on Sunday 7 July

Silver and Bronze fleets

- 3.3 9 races are scheduled, target time 30 minutes.
- 3.4 After Day 3 the ONE boat with the best overall score will be promoted from the Silver fleet to the Gold fleet and ONE boat from Bronze fleet to Silver fleet. These boats will carry forward their Qualifying scores plus the race scores, from Day 3, of the last boat overall in the higher fleet. These promotions will take place even if there is no racing on Day 3.
- 3.5 Similarly after Day 4 the ONE boat with the best overall score will be promoted from the Silver fleet to the Gold (Repechage) fleet and ONE boat from Bronze fleet to Silver fleet. These boats will carry forward their Qualifying scores plus the race scores, from Day 3 and 4, of the last boat overall in the higher fleet. These promotions will take place even if there is no racing on Day 4.
- 3.6 After Day 5 the ONE boat with the lowest overall score will be promoted from the Silver fleet and race in the Gold (Repechage) fleet. This boat will carry forward the same points as the 32nd ranked boat overall.

Gold fleet

- 3.7 Day 1 of Gold Fleet racing will be for the top 31 boats overall after the Qualifying series. 3 races, target time 30 minutes

- 3.8 Day 2 of Gold Fleet racing will be for the top 31 boats overall after the Qualifying series plus the promoted boat from the Silver fleet. 3 races, target time 30 minutes
- 3.9 Day 3 of Gold Fleet racing will be for the top 16 boats overall after the Qualifying series and Day 1 and 2 of the Gold Fleet racing. 4 races, target time 20 minutes. The boats placed 17th to 32nd after Day 1 and 2 of Gold fleet will race in the Repechage and be joined by the additional promoted boat from the Silver fleet will race 3 races, target time 20 minutes in their own fleet and will continue the series with 2 races, target time 20 minutes on the Final Day (Day 6) of the regatta.
- However, after Day 3 of Gold fleet racing, the top boat overall in the Repechage will be promoted and race in the Petit Final. This boat will carry forward the same points as the 16th ranked boat overall.
- 3.10 **Fleet racing Day 6, for Silver and Bronze fleets and Repechage**, TWO fleet races are scheduled, target time 20 minutes.

4. **Final Races** (Day 6)

- 4.1 No warning signal for the Final races will be made after 17.55 on Sunday 7 July
- 4.2 The Petit Final will be for the boats placed 9th to 16th boats overall at the end of the Fleet Races plus the promoted boat from the Repechage. Racing - 3 races target time 10 minutes, no discards, double points.
- 4.3 The Final will be for the top 8 boats overall plus the winner of the Petit Final and they will sail off for the Championship.
- 4.4 The winner of the Petit Final will carry forward the same points as the 8th ranked boat overall.

Points from Qualifying races with one discard, Fleet racing with one discard and Final races (with double points) with no discard are added together to get the Championship points score.

49erFX

5. **Qualifying Races** (Days 1, 2 and 3)

- 5.1 The fleet will sail in ONE fleet. The Qualifying racing series will consist of a maximum of NINE races.
- 5.2 Following the qualification races the fleets will be split into Gold and Silver fleets. The Gold fleet will be 16 boats and the remaining boats will be in the Silver fleet.

- 5.3 A maximum of THREE races per day may be sailed at the discretion of the race committee.
- 5.4 Qualifying continues until at least FIVE races have been completed.
- 6. Fleet Races** (Day 4 and 5)
- 6.1 A maximum of FOUR races per day for each fleet may be sailed at the discretion of the race committee.
- 6.2 No warning signal for the Fleet races will be made after 11.55 on Sunday 7 July
- 6.3 8 races are scheduled for each fleet, target time 20 minutes.
- 6.4 After Day 5 the ONE boat with the lowest overall score will be promoted from the Silver fleet and race in the Petit Final. This boat will carry forward the same points as the 16th ranked boat overall.
- 6.5 **Fleet racing Day 6, for Silver fleet**, TWO fleet races are scheduled, target time 20 minutes
- 7. Final Races** (Day 6)
- 7.1 No warning signal for the Final races will be made after 17.55 on Sunday 7 July
- 7.2 The Petit Final will be for the boats placed 9th to 16th boats overall at the end of the Fleet Races plus the promoted boat from the Silver fleet. Racing - 3 races, target time 10 minutes, no discards, double points.
- 7.3 The Final will be for the top 8 boats overall plus the winner of the Petit Final and they will sail off for the Championship.
- 7.4 The winner of the Petit Final will carry forward the same points as the 8th ranked boat overall.

Points from Qualifying races with one discard, Fleet racing with one discard and Final races (with double points) with no discard are added together to get the Championship points score