

49er and 49erFX
World Championships
Clearwater, Florida, USA
6th to 14th February 2016

**The Organising Authority is Tampa Bay Charities, Inc., Hosted
by Sail Life, LLC 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 RRS Appendix P, *Special Procedures for Rule 42*, will apply.
- 1.3 For the Medal Races, World Sailing Addendum Q (as posted on the official notice board) takes precedence over any conflicting instructions except NoR para 1.3.
- 1.4 The Class and Championship Rules of the International 49er Class Association will apply except for any that are altered by the Notice of Race or the Sailing Instructions.
- 1.5 US Sailing prescriptions to RRS 67, 70.5(a) and 76.1 will apply and are stated fully in Attachment B of the Notice of Race. They may also be found at www.ussailing.org
- 1.6 If there is a conflict between languages the English text will take precedence.
- 1.7 Penalties for breaches designated [DP] or breaches of RRS 41, the Class Rules or the Equipment Inspection Regulations are at the discretion of the International Jury. [DP] denotes a rule for which the penalty is at the discretion of the 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; and [NP] denotes a rule that shall not be grounds for protests by a boat. This changes RRS 60.1(a).
- 1.8 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 ISAF approved 49er class jib advertising policy
- 1.9 This is an ISAF ranking 200 point event

2. IDENTIFICATION [DP][NP]

- 2.1 Boats will be required to affix the stickers provided by the Organising Authority on both sides of the forward 25% of the hull, 200mm from the bow.
- 2.2 The leaders of the following groups shall wear the following coloured lycra jerseys whilst racing. These jerseys will be available at the Race Office each day from two hours before the first scheduled warning signal of the day.
Gold fleet - Yellow
Points Competition – Green

3. CAMERAS AND ELECTRONIC EQUIPMENT [DP]

- 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 Qualifying Series, Fleet Racing Series and Medal Race. Boats shall carry these GPS units while racing. Penalty for breach of this SI shall be 2 points.
- 3.3 Drones are not permitted over the racing area.

4. NOTICES TO COMPETITORS

Notices to competitors will be posted on the official notice board located on the window of 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 schedule of races, will be posted by 2000 the day before it will take effect.

6. SIGNALS MADE ASHORE

- 6.1 Signals made ashore will be displayed at the official flagpole located on the North dock of the Sailing Centre. When a signal is displayed over a class flag, it applies to that fleet only.
- 6.2 [DP][NP] Flag D displayed ashore with one sound signal this means: “the warning signal will be made not less than 60 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; this changes NoR 6.1
- | | | |
|-----------------------|-------------|---|
| Saturday 6 February | 0930 – 1200 | Registration/Inspection |
| | 1300 – 1700 | Registration/Inspection |
| Sunday 7 February | 0900 – 1200 | Registration/Inspection |
| | 1300 – 1700 | Registration/Inspection |
| | 1600 | Opening Ceremony |
| Monday 8 February | 0900 – 1200 | Registration/Inspection |
| | 1200 | Competitors meeting |
| | 1400 | First Warning, Practice Races |
| Tuesday 9 February | 1200 | First Warning, Qualifying Races |
| Wednesday 10 February | 1200 | First Warning, Qualifying Races |
| Thursday 11 February | 1200 | First Warning, Qualifying Races |
| Friday 12 February | 1200 | First Warning, Fleet Races |
| Saturday 13 February | 1200 | First Warning, Fleet Races |
| Sunday 14 February | 1000 | First Warning, Fleet Races |
| | 1500 | First Warning, Medal Races |
| | | Prize Giving and Closing Ceremony |
| | | as soon as possible after the Medal Races |
- 7.2 On Sunday 14 February there will be no warning signal after 1600 for those taking part in the Final Races and after 1700 for those taking part in the Medal Races

8. **FORMAT OF RACING - QUALIFYING SERIES, FLEET RACING SERIES AND MEDAL RACES**

The regatta will consist of an Opening Series and Medal Races. The Opening Series will be divided into a Qualifying Series and a Fleet Racing Series. These races are as described in Attachment C. The provisional racing schedule is described in Attachment D

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 or blue, for 49erFX the class flag will be 49erFX class insignia on a background of yellow or blue.
- 9.2 In the Fleet Racing Series, the class flags will be the 49er class or 49erFX class insignia on a background of yellow (gold fleet) and blue (silver fleet).
- 9.3 In the Medal Races, the class flags for the Finals 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 [DP][NP] Boats not racing shall not sail in the course area being used by another fleet.
- 10.4 For the Medal 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 a gate at the leeward mark.
- 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 and 2 (gate) - racing area A.....	Yellow,
Marks 1 and 2 (gate) - racing area B.....	Green,
Marks 1 and 2 (gate) - racing area C.....	Orange,
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 [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 If flag U has been displayed as the preparatory signal, no part of the boat's hull, crew, or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks

this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted, resailed, postponed or abandoned. This changes RRS 26 and Appendix A5.

When flag U is used as the preparatory signal rule 29.1 Individual recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.

- 13.5 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 lay a change mark, which will be a tetrahedron of the same colour as detailed in SI 12 but with a black stripe. When a new mark is laid, the original mark will be removed as soon as possible.

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 will 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-Turns penalty is replaced by a One-Turn penalty.

- 17.2 Appendix P, *Special Procedures for Rule 42* will apply, as changed by SI 17.1

- 17.3 Breaches of SIs 2, 3.2, 6.2, 10.3, 13.2, 21, 22, 23, 25, 26, 27 and 30 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.

- 17.4 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 Jury. A boat may accept a discretionary penalty before a hearing concerning the same incident by completing a form available at the jury office.

- 17.5 Breaches of rules in the SIs marked [NP] will not be grounds for a protest by a boat. This changes RRS 60.1(a).

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

- 20.1.1 The low point scoring system of Appendix A, as changed below, will apply to the Qualifying Series races.
- 20.1.2 For all fleets, SIX Qualifying Series races are required to be completed to constitute a series.
- 20.1.3 When 4 or more races have been completed, a boat's Qualifying Series 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 score is carried forward to the Fleet Racing Series.

20.2 Fleet Racing Series

- 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 FOUR fleet races have been completed, a boat's Fleet Racing Series score shall be the sum of her race scores.
- 20.2.3 When 4 or more races have been completed, a boat's Fleet Racing Series score shall be the total of her race scores excluding her worst score.

- 20.2.4 The Fleet Racing Series score plus the Qualifying Series score will be the overall points for the Championship except for boats competing in the Medal Race.
- 20.2.5 The Fleet Racing Series score plus the Qualifying Series score is carried forward for boats competing in the Medal Race.
- 20.2.6 The boats competing in the Medal Race will be placed 1st to 10th based on their total score. The remaining boats in the Gold Fleet will be placed 11th to 25th based on their total score. The boats in the Silver Fleet will then be placed based on their Fleet Racing Series score.
- 20.3 **Medal Races**
See Attachment C for details
- 20.4 **Resolving Ties**
- 20.4.1 In the Qualifying Series ties will be broken in accordance with RRS A8.
In the Fleet Racing Series ties will be broken in accordance with RRS A8 using the Fleet Racing scores.
- 20.4.2 In the Medal Race, ties will be broken in accordance with RRS A8.2 and ranked in order of their scores in the Medal race.
- 20.5 **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.
- 20.6 **Scoring abbreviation**
The scoring abbreviation for a discretionary penalty imposed under SI 17.3 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 14 February 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.....	White flags with letter “A” White flags with letter “B” White flags with letter “C”
Jury boats.....	White flags with JURY
Measurer boats.....	Blue flag with gold stripe

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 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.
- 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 [DP][NP]

As sailors, we seek to protect and restore our oceans and coastal waters. 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 [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.

28. PRIZES

The Organising Authority will provide prizes to the first three boats in each class. Additionally the following prizes will be awarded,

- “Magic Marine Starting Points Competition” (Green Jersey) to the team with the most points accumulated from starting skills.

29. 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:

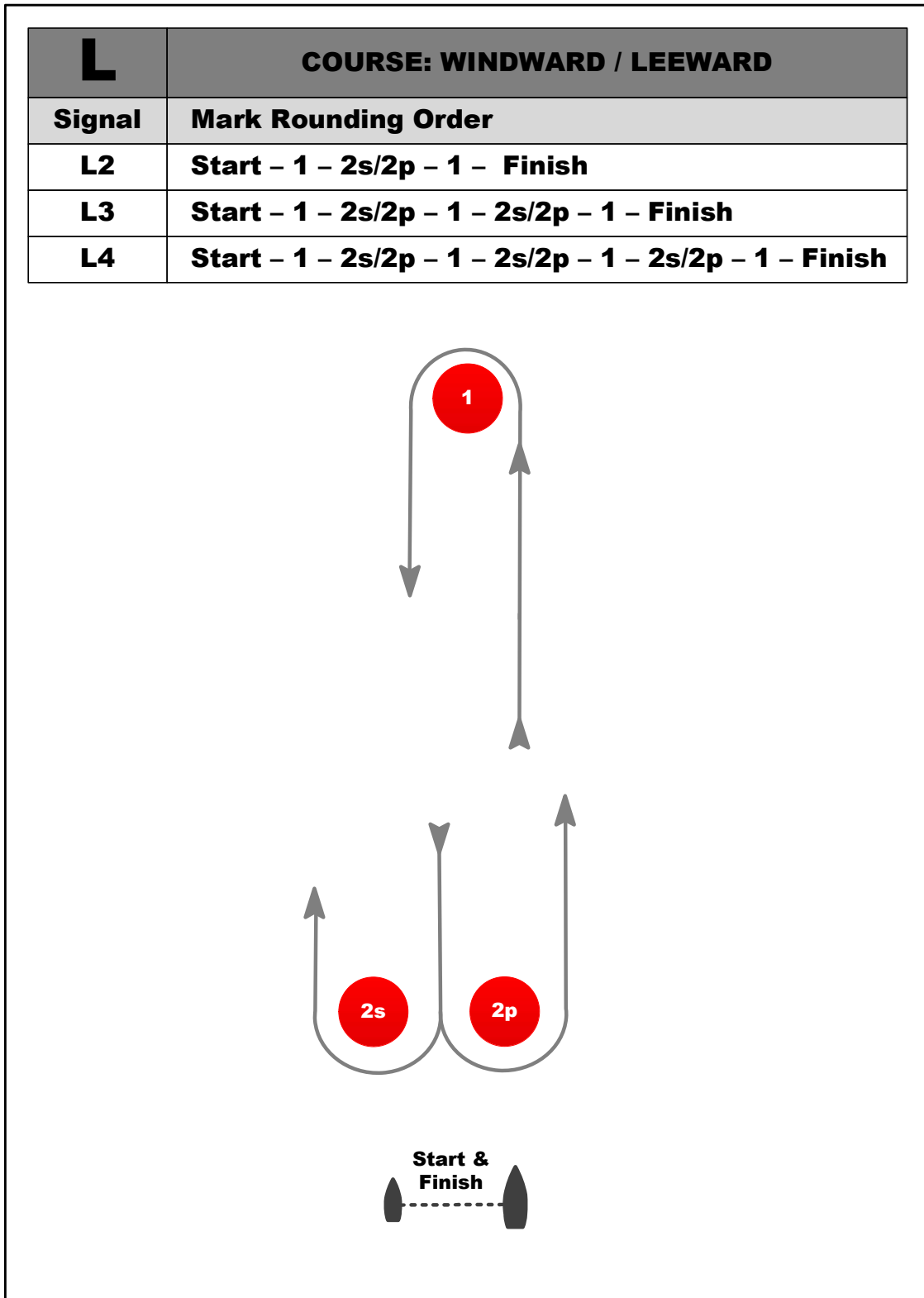
- a) They are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves, their crew and their boat to such inherent risk whilst taking part in the event;
- b) They are responsible for the safety of themselves, their crew, their boat and their 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.

30. INSURANCE [DP][NP]

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

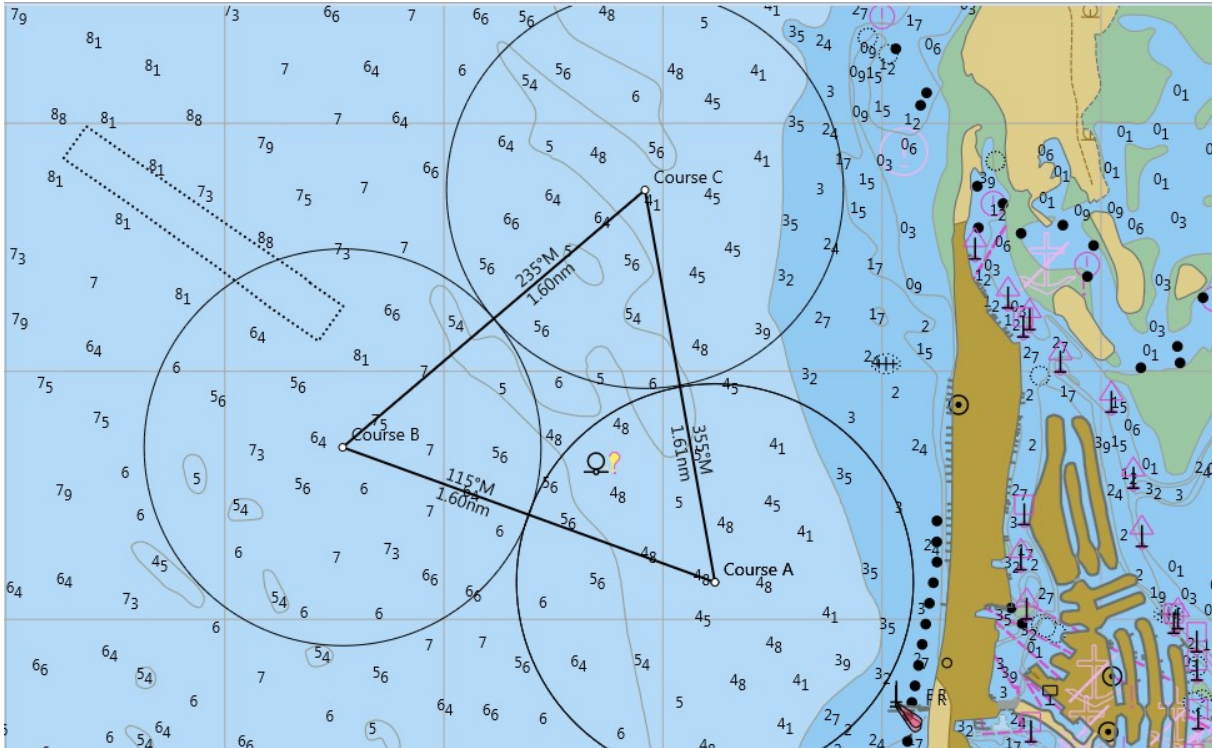
Attachment A

Course Diagram



Attachment B

Course Locations



Attachment C

Format of Racing

The Championship will be in three series:

1. Qualifying Series
2. Fleet Racing Series
3. Medal Race

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

- 1.1 The fleet will be split into TWO groups for 49er and TWO groups for 49erFX of approximately equal numbers of boats. The Qualifying Series will consist of a maximum of TEN races and a minimum of SIX races. Up to FOUR races are scheduled each day. If SIX races have not been completed by all fleets by the end of Day 3, the Qualifying Series will continue.
If the minimum number of SIX Qualifying Series 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.
- 1.2 The Organising Authority will make initial fleet assignments on the basis of the ISAF World Sailing rankings. This 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 and 49erFX

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

Assignments will be based on the scores available at 2100 regardless of protests or requests for redress not yet decided. The fleet assignments will be posted no later than 0900 on the day they take effect.

Fleet Racing Series (Days 4, 5 and 6)

- 2.1 The top 25 boats based on their Qualifying Series scores after Day 3 will race in the Gold fleet.

- 2.2 For 49er and 49erFX - the remaining boats will race in the Silver fleet.
- 2.3 THREE or FOUR races are scheduled per day for each fleet.
- 2.4 No warning signal for the Fleet Racing Series will be made after 1600 on Sunday 14 February.
- 2.5 Day 6, for ALL fleets, THREE fleet races are scheduled.

3. Medal Races (Day 6)

- 3.1 No warning signal for the Medal races will be made after 1700 on Sunday 14 February.
- 3.2 The Medal Race will be for the top 10 boats overall. ONE race, target time 20 minutes, double points.

Attachment D

Racing Schedule

2016 49er Worlds Championships
8 – to - 14-February-2016

Warning signal

Practice Day	Course A	Course B	Course C
14:00	Nacra	49er	49er FX
Day 1 – Qualifying	Course A	Course B	Course C
12:00	Nacra	49er Yellow Qualifying R1	49er Blue Qualifying R1
ASAP		49er Yellow Qualifying R2	49er Blue Qualifying R2
ASAP		49er Yellow Qualifying R3	49er Blue Qualifying R3
Not Before 14:00		49erFX Yellow Qualifying R1	49erFX Blue Qualifying R1
ASAP		49erFX Yellow Qualifying R2	49erFX Blue Qualifying R2
ASAP		49erFX Yellow Qualifying R3	49erFX Blue Qualifying R3
ASAP		49erFX Yellow Qualifying R4	49erFX Blue Qualifying R4
Day 2- Qualifying	Course A	Course B	Course C
12:00	49erFX Blue Qualifying R5	Nacra	49erFX Yellow Qualifying R5
ASAP	49erFX Blue Qualifying R6		49erFX Yellow Qualifying R6
ASAP	49erFX Blue Qualifying R7		49erFX Yellow Qualifying R7
Not Before 14:00	49er Blue Qualifying R4		49er Yellow Qualifying R4
ASAP	49er Blue Qualifying R5		49er Yellow Qualifying R5
ASAP	49er Blue Qualifying R6		49er Yellow Qualifying R6
ASAP	49er Blue Qualifying R7		49er Yellow Qualifying R7
Day 3 – Qualifying	Course A	Course B	Course C
12.00	49er Blue Qualifying R8	Nacra	49er Yellow Qualifying R8
ASAP	49er Blue Qualifying R9		49er Yellow Qualifying R9
ASAP	49er Blue Qualifying R10		49er Yellow Qualifying R10
Not before 14.00	49er Yellow FX Qualifying R8		49erFX Blue Qualifying R8
ASAP	49er Yellow FX Qualifying R9		49erFX Blue Qualifying R9
ASAP	49er Yellow FX Qualifying R10		49erFX Blue Qualifying R10

Day 4 – Fleet Racing	Course A	Course B	Course C
12:00	49erFX Gold R1 Yellow	Nacra	49erFX Silver R1 Blue
ASAP	49erFX Gold R2 Yellow		49erFX Silver R2 Blue
ASAP	49erFX Gold R3 Yellow		49erFX Silver R3 Blue
Not Before 14:00	49er Gold R1 Yellow		49er Silver R1 Blue
ASAP	49er Gold R2 Yellow		49er Silver R2 Blue
ASAP	49er Gold R3 Yellow		49er Silver R3 Blue
Day 5 – Fleet Racing	Course A	Course B	Course C
12:00	49er Gold R4 Yellow	Nacra	49er Silver R4 Blue
ASAP	49er Gold R5 Yellow		49er Silver R5 Blue
ASAP	49er Gold R6 Yellow		49er Silver R6 Blue
Not Before 14:00	49erFX Gold R4 Yellow		49erFX Silver R4 Blue
ASAP	49erFX Gold R5 Yellow		49erFX Silver R5 Blue
ASAP	49erFX Gold R6 Yellow		49erFX Silver R6 Blue
Day 6 – Fleet Racing	Course A	Course B	Course C
10:00	49er Gold R7 Yellow	Nacra	49erFX Gold R7 Yellow
ASAP	49er Gold R8 Yellow		49erFX Gold R8 Yellow
ASAP	49er Gold R9 Yellow		49erFX Gold R9 Yellow
Not before 12.00	49erFX Silver R7 Blue		49er Silver R7 Blue
ASAP	49erFX Silver R8 Blue		49er Silver R8 Blue
ASAP	49erFX Silver R9 Blue		49er Silver R9 Blue
15.00	Nacra Medal race		
15.30	49erFX Medal race Yellow		
16.00	49er Medal race Yellow		