



**Hubbards, Nova Scotia, Canada
18th to 21st August 2022**

**The Organising Authority is the 2022 49er, 49erFX and Nacra 17
World Championships Host Society 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 Protest Committee.

[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

1. RULES

- 1.1 The regatta will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 Penalties: In RRS 44.1 "Two-Turns Penalty" is changed to "One-Turn Penalty"
- 1.3 Appendix P, *Special Procedures for Rule 42*, shall apply, with RRS P2.1 to P2.4 deleted and replaced by: "When a boat is penalised under RRS P1.2, her penalty shall be a One-Turn Penalty under RRS 44.2. If she fails to take her penalty she shall be disqualified without a hearing."
- 1.4 RRS Appendix 'T' will apply.
- 1.5 The Class Rules will apply except for any that are altered by the Notice of Race or the Sailing Instructions. The Class Race Management Guidelines will also apply, but a failure to follow these Guidelines is not on its own grounds for redress. This changes RRS 62.1(a).
- 1.6 No National Authority prescriptions will apply.
- 1.7 [DP] Penalties for breaches of RRS 41, RRS 50, the Class Rules or the Equipment Inspection Regulations are at the discretion of the Protest Committee.
- 1.8 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.

1.9 This is a World Sailing ranking 100-point event.

2. IDENTIFICATION [DP][NP][SP]

2.1 Boats may 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. Boats shall affix the stickers in accordance with any instructions given by the Organising Authority.

2.2 Provided two or more Qualifying races have been completed, from Friday August 19th 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 and shall be returned by competitors as soon as possible after the day's racing.

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 No competitor or support team shall use a drone over the racing area.

4. COMMUNICATION WITH COMPETITORS

4.1 Notices to competitors will be posted on the Official Notice Board at [49er, 49erFX & Nacra NAs Official Notice Board](#)

4.2 VHF Channels will be International 71 on Course A and International 72 on Course B.

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.

6. SIGNALS MADE ASHORE

6.1 Signals made ashore will be displayed at the official flagpole located on the top of the ramp. When a signal is displayed over a fleet flag, it applies to that fleet only.

6.2 [DP][NP][SP] 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. Boats shall not leave their allocated berth until this signal is made".

7. SCHEDULE OF EVENTS – See Also Appendix 'D'

7.1	Thursday 18 August	0900	Venue opens
		0900 – 1600	Registration
	Friday 19 August	0900 – 1000	Registration
		1000	Competitors' Briefing
		1200	First Warning Signal
	Saturday 20 August	0900	Competitors' Briefing
		1100	First Warning Signal
	Sunday 21 August	0900	Competitors' Briefing
		1100	Championships Series Races

Sunday 21 August (cont.) 1600

Last Warning Possible

Prize Giving and Closing Ceremony as soon as possible after racing.

8. FORMAT OF RACING - QUALIFYING SERIES AND FINAL SERIES

- 8.1 If fleet sizes in 49er (40+) and 49erFX require a split the regatta will consist of an Opening Series on Days 1 and 2 and a Championship Series on Day 3. Three (3) races will be required to constitute a Qualifying Series and if 3 races are not completed by end of Day 2 there will only be one series.
For Nacra 17 - The Opening Series will be a Single Series
- 8.2 Fleet splits, if required, will be posted on the official notice board by 2000 on August 18th and 2000 on Days 1 and 2.
There will be an equal number of races in the Qualifying Series.
- 8.3 3 races are scheduled for each fleet each day.

9. CLASS FLAGS

- 9.1 In the Qualifying Series, for 49er the class flags will be the class insignia on a background of the colour of the appropriate fleet, yellow, blue or red.
- 9.2 In the Championship Fleet the class flags will be the 49er class insignia on a background of yellow (gold fleet) and blue (silver fleet),
- 9.3 In the Qualifying Series, for 49erFX the class flags will be the class insignia on a background of the colour of the appropriate fleet, yellow or blue.
- 9.4 In the Final Series, the class flags will be the 49erFX class insignia on a background of yellow (gold fleet) and blue (silver fleet),
- 9.5 For Nacra 17 the class flag will be the class insignia on a background of red.

10. RACING AREAS AND FLEET ASSIGNMENTS

- 10.1 Attachment B shows the location of the race areas.
- 10.2 The provisional race schedule including the time of the first warning signals and the assignment of fleets to courses will be as per Attachment D.
- 10.3 [DP][NP] Boats not racing shall not sail in or through a 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

12. MARKS

Course A

All marks Yellow Tetrahedron

Change mark..... Orange Tetrahedron

Course B

All marks Yellow Tetrahedron

Change mark..... Orange Tetrahedron

Spreader mark.....Smaller Yellow tetrahedron

Starting marks..... Race Committee vessels or a Yellow Tetrahedron

Finishing marks Race Committee vessels

13. THE START

- 13.1 The starting line will be between staffs displaying orange flags on the starting boats the staff displaying an orange flag on the Signal Boat and a yellow tetrahedron.
- 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 the staff displaying a blue flag on the main race committee vessel and either another race committee vessel displaying a blue flag or a yellow tetrahedron.
- 15.2 For Nacra 17 only - [DP][SP] When the blue finishing flag is displayed on the main committee vessel NO boats shall enter the Finishing Exclusion Zone other than boats that are finishing who shall leave the zone immediately. See Attachment E

16. TIME LIMITS

- 16.1 For the Qualifying Series and Championship 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 for 49er and 49erFX and 30 minutes or less for Nacra 17.
- 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, A5.1 and A5.2.

17. PENALTY SYSTEM

- 17.1 Penalties for breaches of NOR 18 (Insurance), NOR 20 (Media Rights), RRS 41, RRS 50, the Equipment Inspection Regulations, the Class Rules and rules in the Notice of Race and Sailing Instructions marked [DP], are at the discretion of the Protest Committee.
- 17.2 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 Protests and requests for redress or reopening shall be delivered via the online official notice board system before the protest time limit.
The link is: [49er, 49erFX, Nacra NAs Notice Board](#)
- 18.2 The protest time limit will be posted on the Official Notice Board. The protest time limit will be 60 minutes after the last boat of each 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 protest committee 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 after 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 rooms. Hearings may start before the scheduled time with the agreement of all parties.
- 18.4 The Race Committee or Protest Committee 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 Protest Committee (PC) will be posted on the Official Notice Board.
- 18.6 On the last day of 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.
- 18.7 On the last day of racing of each series, a request for redress from a PC decision shall be delivered no later than 20 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. This is intentionally left blank.

20. SCORING

- 20.1 The low point scoring system of Appendix A, as changed below, will apply.
- 20.2 FIVE races are required to be completed to constitute a Championship.
- 20.3 When less than FOUR races have been completed, a boat's overall score shall be the sum of her race scores.
- 20.4 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.
- 20.5 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.
- 20.6 Championship Series fleets need not have completed the same number of races.
- 20.7 The Qualifying Series score plus the Final Series score will be the overall points for the Championship.

- 20.8 The boats in the Gold Fleet will be ranked above the boats in the Silver Fleet or the Bronze Fleet (if applicable).

20.9 Resolving Ties

- 20.9.1 For 49er and 49erFX For the Qualifying Series ties will be broken in accordance with RRS A8. In the Final Series ties will be broken in accordance with RRS A8 using the Championship Series scores.

20.10 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, before going afloat each day, check out with their tracker unit, keep with them while on the water and check back in immediately 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 the race committee displays flag V with one sound, all support vessels shall monitor the race committee communication channel for rescue instructions.

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 August 21st any replacement of helm or crew shall be approved than end of protest time.
- 22.3 Replacement of equipment shall require written approval of the PRO.
- 22.4 Request for replacement of equipment shall be made to the PRO at the first reasonable opportunity. On Sunday August 21st any replacement equipment shall be approved no later than end of protest time.

23. EQUIPMENT AND MEASUREMENT CHECKS

- 23.1 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 Race Committee or Protest Committee to proceed immediately to a designated area for measurement checks.
- 23.2 Limitations of equipment
- i) Only one set of sails shall be used during the regatta. The sails shall be noted on the form at registration.
- ii) For 49er and 49erFX only - Only one forestay shall be used during the regatta.
- 23.3 All boats, when not afloat, shall be placed in the official dinghy park.
- 23.4 All boats shall comply with RRS 78.1 from 1300 on the day before their first scheduled race (hereinafter referred to as "Day Zero") onwards. Non-compliance from 1300 on Day Zero until the start of the first race shall be reported, protested and penalized as if it were discovered after racing on the first day on which races for that boat have been completed. This amends RRS 78.1

24. OFFICIAL BOATS

Official boats will be identified as follows:

Race committee boats.....	White flags with letter "A"
	White flags with letter "B"
Protest Committee boats.....	White flags with JURY
Media boats.....	White flags with MEDIA
Safety boats.....	White flags with SAFETY

25. SUPPORT VESSELS [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 vessels 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 vessels shall comply with the Class Support Vessel Regulations enclosed in Attachment F.
- 25.4 Support vessels that are motoring at more than 5 knots shall remain at least 150 metres from any boat that is racing.
- 25.5 All support vessels 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 Protest Committee may direct the Organising Authority to revoke privileges from any boat or person found to be in breach of SI 25.
- 25.7 Support vessels shall always be on the outside of the media boats (away from the fleet side) so that the media boats can capture images without coach boats in the image. This does not apply during any safety incident.

26. CODE OF CONDUCT [DP][NP]

Competitors shall comply with any reasonable request from a regatta official or a member of the Organising Authority.

27. TRASH DISPOSAL [DP][NP]

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

28. RADIO COMMUNICATION [DP][NP]

A boat while racing shall neither make nor receive communications not available to all boats.

29. PRIZES

29.1 Prizes for the Championships will be announced and awarded at the end of Racing for the first three places overall.

The winners will receive perpetual trophies:

- 49er – 49er North American Championship Trophy in Memory of Trevor Moore
- 49erFX – The Frank Bethwaite Cup
- Nacra 17 – TBD

29.2 Other prizes may be awarded at the discretion of the Organising Authority

30. RISK STATEMENT

RRS 3 of the Racing Rules of Sailing states: “The responsibility for a boat’s decision to participate in a race or to continue racing is her’s 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 competitors’ meetings held for this event.

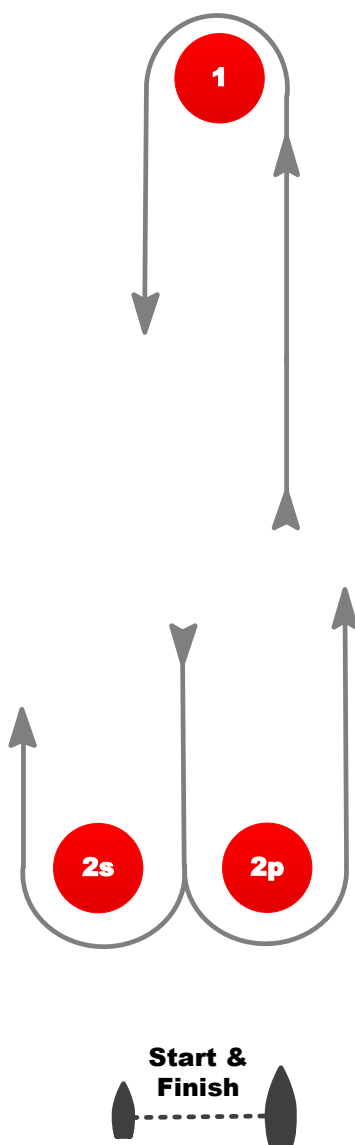
31. INSURANCE [DP][NP]

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.

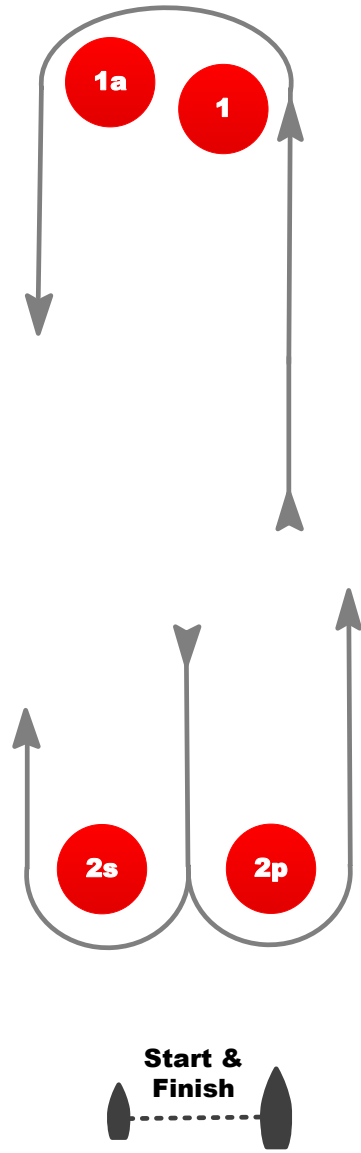
Attachment A

Course Diagram

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

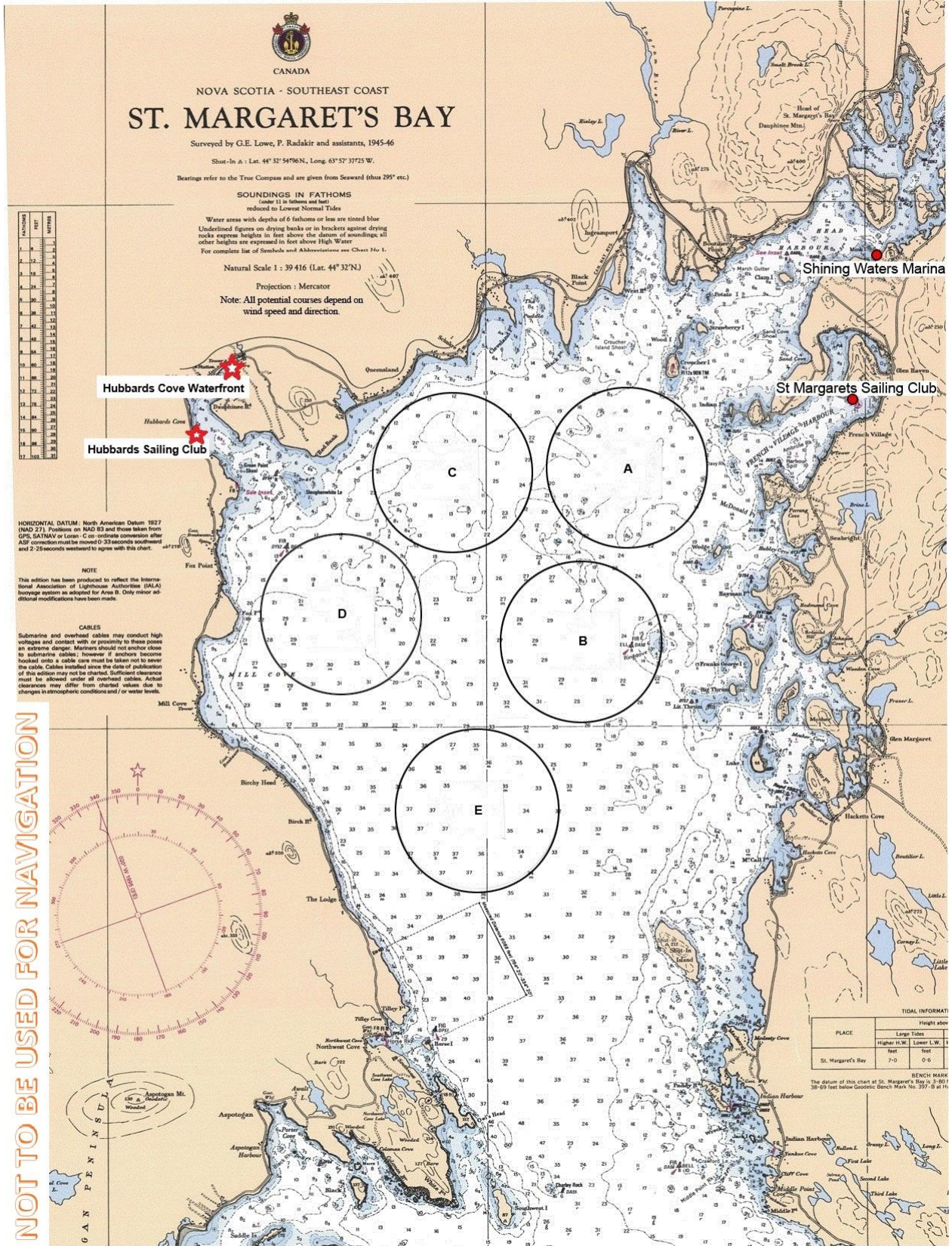


LA	COURSE: WINDWARD / LEEWARD with spreader mark and leeward finish
Signal	Mark Rounding Order
LA2	Start - 1 - 1a - 2s/2p - 1 - 1a - Finish
LA3	Start - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - Finish
LA4	Start - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - 2s/2p - 1 - 1a - Finish



Attachment B

Course Locations

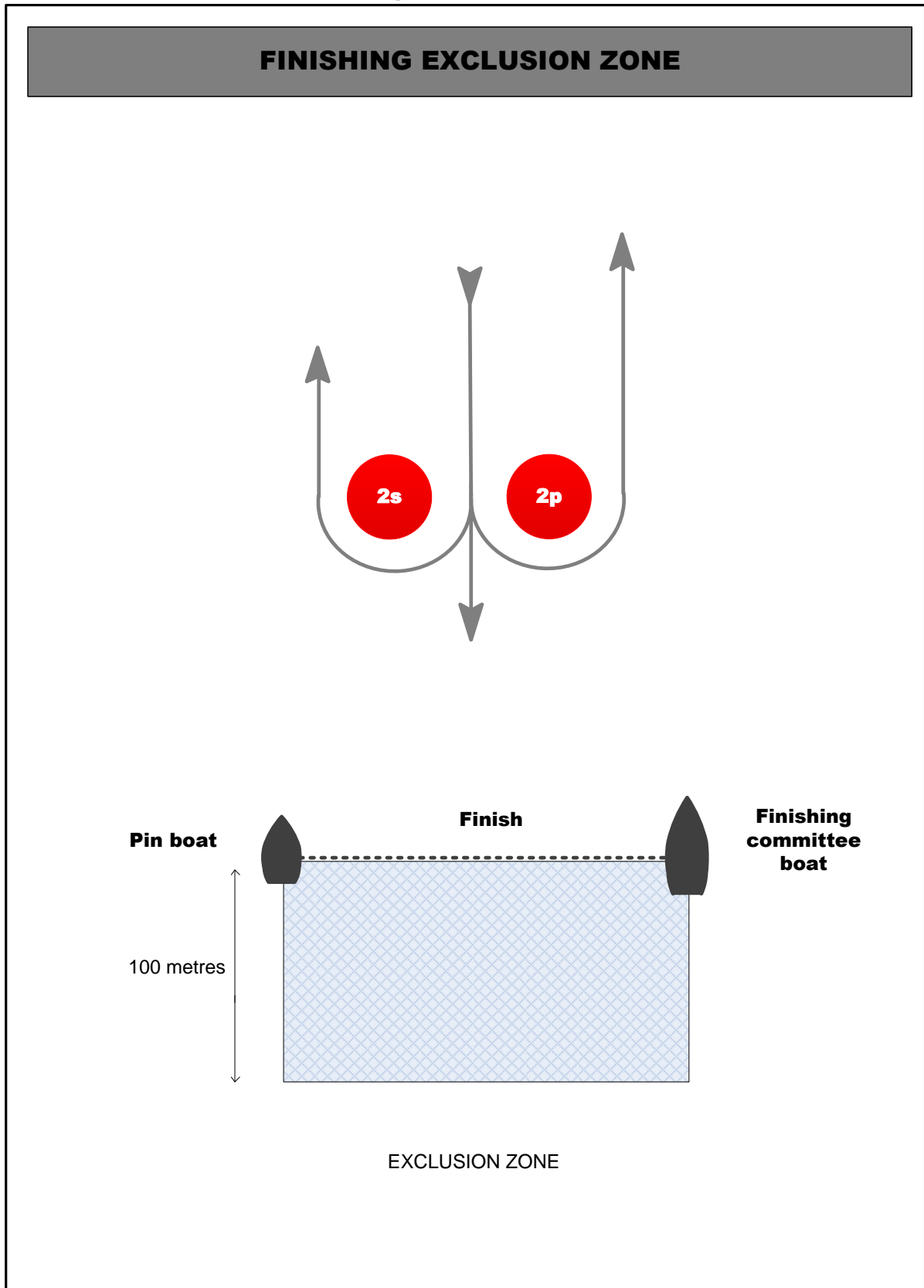


Attachment D

Provisional Racing Schedule

2022 49er, FX & Nacra 17 North American Championships		
Warning signal		
Day 1 – 19 AUG	Course ALPHA	Course BRAVO
Opening Series		
1200	49erFX 3 races	Nacra 17 3 races
Not Before 1400	49er 3 races	
Day 2 – 20 AUG	Course ALPHA	Course BRAVO
Opening Series		
1100	49er 3 races	
Not Before 1300	49erFX 3 races	Nacra 17 3 Races
Day 3 – 21 AUG	Course ALPHA	Course BRAVO
Opening Series		
1100	49erFX 3 races	Nacra 17 3 races
Not Before 1300	49er 3 races	

Attachment E Finishing Exclusion Zone



Attachment F Support Vessel Regulations

Support Vessels shall carry the following Equipment on board

- Life jackets / buoyance aids for the driver and all passengers,
- Engine kill cord (also known as a safety lanyard or automatic engine immobiliser) with a spare kill cord on the support vessel
- VHF radio capable of receiving instruction from Safety or Race Committee
- First-aid kit
- Device for making a sound signal
- Compass
- Adequate anchor and tackle for conditions and depth
- Tow rope (minimum 15m long and 10mm thick)
- Knife

Support Vessel Regulations

- Support Vessels shall be registered with the Organising Authority and shall be marked with their applicable national sail letters clearly displayed, the minimum height for these letters is 200mm.
- Support Vessels shall comply with all local regulations
- Support Vessels shall follow Race Committee instructions on the designated VHF channel
- **Kill cords shall be worn at all times when the engine is running**
- Life jackets / buoyance aids - it is recommended that they are worn at all times when afloat and **shall** be worn in winds of over 10 knots or when motoring at more than 10 knots
- Support vessels shall not be positioned, except during rescue operations
 - Closer than 100 metres of any boat racing
 - Within 100 metres to leeward of the starting line and its extensions from the warning signal until all boats have left the starting area or the race committee signals a postponement, general recall or abandonment
 - Within 100 metres of any mark of the course while boats are in the vicinity of that mark
 - Within 100 metres of the finishing line while boats are finishing
 - In addition, support vessels that are motoring above 5 knots shall remain at least 150 metres from any boat racing