



**James Island Yacht Club
Formula Wave Regatta
2021**



SAILING

INSTRUCTIONS

April 30 – May 2, 2021
Charleston, SC

Organizing Authority: James Island Yacht Club, Formula Wave Class

1. Rules

- 1.1 The regatta will be governed by the rules as defined in The Racing Rules of Sailing.
- 1.2 US Sailing Prescriptions to RRS 63.1 and 63.2 will not apply.
- 1.3 Appendix V, Alternative Penalties, will apply.
- 1.4 The Class Rules of the Formula Wave Class Association will apply.

2. Notice to Competitors

- 2.1 Notices to competitors will be posted on the official notice board located at the James Island Yacht Club Sailing Building (They will also be posted online at Regatta Network).

3. Changes to Sailing Instructions

- 3.1 Any change to the sailing instructions will be posted not less than 60 minutes prior to the first scheduled race on the day it will take effect, except that any change to the schedule of races will be posted by 2000 on the day before it takes effect.
- 3.2 For an on the water change to the sailing instructions, in accordance with RRS 90.29(C): "L" flag shall be displayed and will be followed by a hail of the change.

4. Signals Made Ashore

- 4.1 Signals made ashore shall be displayed from the flagpole at the James Island Yacht Club.
- 4.2 When flag AP is displayed ashore, '1 Minute' is replaced with 'not less than 30 minutes' in Race Signal AP.

5. Schedule Of Races

Thursday	April 28	14:00	Practice Racing
		16:00 – 19:00	Registration / Sail Measuring
Friday	April 29	9:30	Skippers Meeting

		11:00	First Warning Signal
Saturday	May 1	11:00	First Warning Signal
Sunday	May 2	10:00	First Warning Signal Awards Ceremony after Protest Time

5.2 Ten (10) to Twelve (12) races are planned, subject to weather conditions.

5.3 One (1) race will constitute the regatta.

5.4 On the last day of the regatta, no warning signal will be made after 1400.

6. Class Flags

6.1 Descriptions of the class flag will be posted on the official notice board no later than 10:00am on Friday, April 29th and will be reviewed at the Skipper's Meeting.

7. Racing Area

7.1 The racing area will be in the near shore waters of the James Island Yacht Club located on Charleston Harbor.

8. The Courses

8.1 Formula Wave Class courses will be used.

8.2 The diagram in Attachment "A" shows the courses to be sailed, the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left. The start/finish line will be open.

9. Marks

9.1 The Windward, Leeward / Gate and Wing / Gybe marks will be orange cylinders.

9.2 The Windward Offset mark is a white sphere.

9.2 The Start and Finish marks are an orange sphere.

9.3 New marks, as provided in SI 11, are yellow tetrahedrons.

10. The Start

10.1 Races will be started by using RRS 26.

10.2 The start line will be between a staff displaying an orange flag on the signal vessel and the course side of the starting mark.

10.3 A boat starting later than 4 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A4 and A5.

11. Change of the next leg of the course

11.1 To change the next leg of the course, the race committee will lay a change mark and remove the original mark as soon as practicable. When in a subsequent change, the change mark will be replaced by the original mark. A single gate mark may be moved or adjusted without a signal.

11.2 The Offset will not be set after a course change.

12. The Finish

- 12.1 The finish line will be between a staff displaying a Blue flag on the signal vessel and the course side of the finishing mark.

13. Penalty System

- 13.1 RRS 44.1 is changed so that the Two-Turns Penalty is replaced by the One -Turn Penalty.
- 13.2 Penalty declarations – A boat that has taken a penalty turn(s) in accordance with SI 1.3 shall complete the penalty declaration form before the end of the protest time. A boat wishing to take a post-race penalty in accordance with SI 1.3 or wishes to retire after finishing shall complete the penalty declaration form. Forms are available at the Official Notice Board.
[NP] [DP]

14. Time Limits and Target Times [DP][NP]

- 14.1 Time limits and target times are as follows:

Race Target Time	Race Time Limit	Initial Weather Mark Time Limit	Initial Weather Mark Target Time
30 minutes	75 minutes	30 minutes	8-13 minutes

- 14.2 If no boat has passed their initial Weather Mark A within the Initial Weather Mark time limit, the race shall be abandoned.
- 14.3 Failure to meet the Target Time will not be grounds for redress. This changes RRS 62.1(a).
- 14.4 The Race Committee may, at its discretion, award points to a boat equivalent to the boat's position in a race. The Race Committee determines the method and order. This changes RRS 35, A4 and A5.

15. Hearing Request

- 15.1 The protest time limit is 60 minutes after the signal boat docks following the last race of the day.
- 15.2 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 and where the hearing will be held.
- 15.3 Penalties for breaches of FWC class rules may be less than disqualification if the protest committee so decides.
- 15.4 On the last scheduled day of racing a request for redress based on a protest committee decision shall be delivered no later than 30 minutes after the decision was posted. This changes RRS 62.2.

16 Scoring

- 16.1 One race will constitute a regatta.
- 16.2 When six or more races have been completed, a boats series score will be the total of her race scores excluding her worse score.

17. Safety Regulations [NP] [DP]

- 17.1 Competitors shall check in by hailing their number to the race committee signal vessel before the start of the first race each day.
- 17.2 A competitor that retires from the race shall notify the race committee as soon as possible.
- 17.3 Competitors shall wear a personal flotation device at all times while on the water, except for brief periods while adding or removing clothing.

18. Radio Communication

- 18.1 Except in an emergency, a boat shall neither make radio transmissions while racing nor receive radio communications not available to all boats. This also applies to mobile phones.
- 18.2 Competitors may monitor the race committee VHF channel.

19. Equipment and Measurement Checks

- 19.1 A boat or equipment may be inspected at any time for compliance with the class rules and sailing instructions.
- 19.2 A boat and/or its equipment may be inspected, or directed to a place for inspection, at any time for compliance with Class Rules, The Sailing Instructions, or the NOR.
- 19.3 Each Boat shall display bow numbers (NO letters) on the outside of each hull. No two boats shall have the same number.

20. PRIZES

- 20.1 Prizes will be presented after the conclusion of racing on the last day of the event for overall 1st, 2nd, and 3rd place.

21. RISK STATEMENT

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

22. INSURANCE

- 22.1 Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of \$100,000 per incident or the equivalent.

23 FURTHER INFORMATION

- 23.1 For further information, Daniel Machowski , JIYC Event Director DanMachowski@comcast.net
Ph#: 843-343-7141
or Formula Wave Event Chairman: Doug Seib
dseibracer@aol.com Ph#: 216-210-2108

Attachment A: COURSES

FORMULA WAVE COURSES:

- 1 **A C A** Downwind Finish
- 2 **A C A C** Upwind Finish
- 3 **A B C** Upwind Finish
- 4 **A B C A** Downwind Finish
- 5 **A B C A C** Upwind Finish

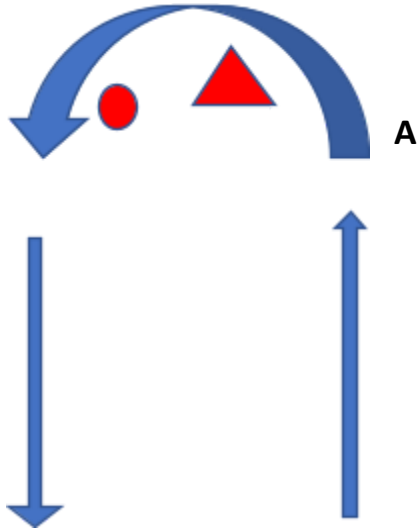
Round all marks to port, except gates

B Mark should be 90 – 105 degrees from leeward mark C

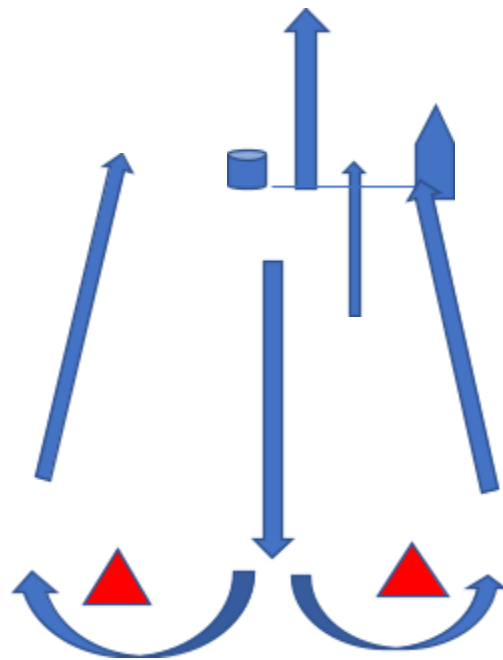
Leeward mark gate may use start finish line as gate

COURSE 2

S-A-C-A-C-F



Start & Finish Line



Either mark may
be rounded at gate

COURSE #5

S-A-B-C-A-C-F

mark B to mark C distance =
1.25 X mark A to mark C

