



Trans-Tahoe Regatta

July 12-13, 2024

Sailing Instructions

Organizing Authority: Tahoe Yacht Club

The notation [DP] means that the penalty for a breach of the rule, may at the discretion of the protest committee, be less than DSQ.

The notation [NP] in a rule means it shall not be grounds for protest by another boat. This changes rule 60.1(a).

1 RULES

- 1.1 The regatta will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 RRS 40.1 is in effect: Competitors shall wear personal flotation devices, except briefly while changing or adjusting clothing or personal equipment. Wet suits or dry suits are not personal flotation devices.
- 1.3 Rule 44.1 is changed as follows: A boat may take a One-Turn Penalty as described in rule 44.2 when she may have broken a rule of part 2 while racing.
- 1.4 U.S. Prescriptions to RRS 63.1 and 63.2 are deleted.

2 COMMUNICATION WITH COMPETITORS

- 2.1 Notices to competitors will be posted on the Tahoe Yacht Club electronic official notice board on Regatta Network: <http://www.regattanetwork.com/event/28258>.
- 2.2 The race committee may communicate with boats on VHF channel 65.

3 CHANGES TO SAILING INSTRUCTIONS

Changes to the sailing instruction will be posted on the electronic official notice board not later than 1000 on the day they will take effect, except that any change to the schedule of races will be posted not later than 2000 on the day before it will take effect.

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed from the flagstaff on the east side of the Tahoe Yacht Club clubhouse and will be broadcast on the water over VHF.
- 4.2 When flag AP is displayed ashore, "1 minute" is replaced with "not less than 40 minutes" in Race Signal AP.

5 SCHEDULE OF EVENTS

Up to four Buoy Races – First Warning	Friday 7/12	1500 hours
Protest Hearings- Friday Protests (TYC Clubhouse)	Saturday 7/13	0800 hours
Competitors' Meeting (TYC Clubhouse)	Saturday 7/13	1100 hours
Trans-Tahoe Distance Race – First Warning	Saturday 7/13	1400 hours
Protest Hearings (TYC Clubhouse)	Saturday 7/13	after racing
Awards Presentation (TYC Clubhouse - outside)	Saturday 7/13	after racing

Four buoy races are scheduled on Friday and one distance race is scheduled on Saturday. In the event racing cannot occur as specified above, makeup race(s) may be conducted on Sunday 7/14.

All notices will be posted on the Regatta Network Website:
<http://www.regattanetwork.com/event/28258>.

6 CLASS FLAGS

<u>Class</u>	<u>Flag</u>
Multi-hulls	Black numeral "5" on white field
Division 1 (PHRF <49)	Black numeral "1" on white field
Division 2 (Non-sprit boats PHRF >48 and <100) (and sprit boats PHRF >48 and <118) (except Beneteau 10Rs)	Black numeral "2" on white field
Santa Cruz 27s	SC 27 Insignia
Division 3 (Non-sprit boats PHRF >99) (and sprit boats PHRF >117) (and Beneteau 10Rs)	Black numeral "3" on white field
Cruising Division (non-spinnaker)	Black numeral "4" on white field

7 RACING AREA

- 7.1 On northern Lake Tahoe, with the start/finish near Tahoe City.
- 7.2 Friday's races will take place south of the USCG Station between the Lake Forest and Tahoe Tavern.

8 COURSES AND MARKS

- 8.1 For Friday's races the race committee will designate the courses to be sailed, from Addendum A, by displaying the appropriate code flag representing the course number.
- 8.2 For Saturday's race the race committee will designate the course to be sailed, from Addendum B, on a whiteboard.
- 8.3 **After starting and before finishing, boats shall not cross the starting and finishing lines.** Boats breaking this SI may take a One-Turns Penalty, as described in rule 44.2, and continue racing.

9 THE START

- 9.1 For Friday's races, the races will be started using RRS Appendix U – Audible-Signal Racing System.
- 9.2 For Saturday's distance race, the races will be started using RRS 26.
- 9.3 The race committee may start classes in any order and may combine starting classes.
- 9.4 The starting line will be between a staff displaying an orange flag on the race committee signal boat and an adjacent inflatable mark.
- 9.5 A boat that does not start within 10 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A4 and A5.

10 RECALLS

After the starting signal, the Race Committee may hail on VHF the sail number of each recalled boat identified on the course side of the starting line at the starting signal. The failure to hear a hail or the order of hails shall not be grounds for redress. This changes RRS 62.1.

11 CHANGING THE NEXT LEG OF THE COURSE

For Friday's races, the race committee may change the position of the next mark in accordance with rule 33. However, changes of less than 15° in direction and .2 nm in range may not be signaled. This changes rule 33.

12 THE FINISH

- 12.1 For Friday races, the finishing line will be opposite the starting line between a blue flag on the race committee signal boat and an adjacent round orange/red ball.
- 12.2 For the Saturday distance race, the finishing line will be the same as the starting line. Boats shall cross the finishing line in a direction from the last mark when finishing.

13 TIME LIMIT

13.1 For Friday's races:

The time limit for finishing a race shall be 60 minutes. Boats failing to finish within 15 minutes after the first boat in their class sails the course and finishes will be scored DNF without a hearing.

13.2 For Saturday's distance race:

The time limit for finishing shall be 2100 hours. Boats failing to finish by this deadline will be scored DNF without a hearing.

13.3 This changes RRS 35, A4, and A5.

14 PROTESTS AND REQUESTS FOR REDRESS

14.1 Hearing Request Forms are available online at:

https://www.ussailing.org/wp-content/uploads/2022/01/US_Sailing_Hearing_Request_Form_20210301_Fillable.pdf.

14.2 Protests and requests for redress or reopening shall be emailed to the Chief Judge (listed below) within 60 minutes after the signal boat docks at the Tahoe City Marina.

14.3 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 Tahoe Yacht Club clubhouse as described in SCHEDULE OF EVENTS above.

15 SCORING

15.1 Races will be scored using the Tahoe PHRF Handicap rating using Time-on-Time scoring as follows:

A boat's corrected time, rounded to the nearest second (.5 rounding up) will be calculated as $(FT - ST) * A / (B + PHRF)$ where FT is her finishing time, ST is her starting time, A is 650, PHRF is her Lake Tahoe PHRF rating and B is determined by the Race Committee as 480 for heavy air, 550 for average conditions, and 600 for very light air.

15.2 Five races are scheduled. One completed race constitutes a regatta.

15.3 Saturday's distance race shall be scored twice as two separate races in determining series scores. This changes NOR 7.3.

15.4 There will be no excluded scores. This changes A2.1.

16 SAFETY REQUIREMENTS

[NP] [DP] Boats are requested to notify the RC when retiring from the racecourse.

17 PRIZES

17.1 Prizes will be awarded based on participation.

17.2 Overall regatta scoring will include Friday's combined races, plus the Saturday distance race which will count double.

18 FURTHER INFORMATION

Regatta Chair

Gary Redelberger

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Principal Race Officer:

Mike Simmons

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Chief Judge:

John Siegel

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Addendum A—Course and Mark Descriptions – Friday Buoy Races

A1 MARKS—BUOY RACES

<i>Mark</i>	<i>Description</i>
Starting line	Orange flag on signal boat and adjacent red cone
Finishing line	Blue flag on signal boat and adjacent red ball
1	Inflatable red cone (windward mark)
2	Red ball (windward offset mark)
3s/3p	Inflatable yellow cylinders (leeward gate)

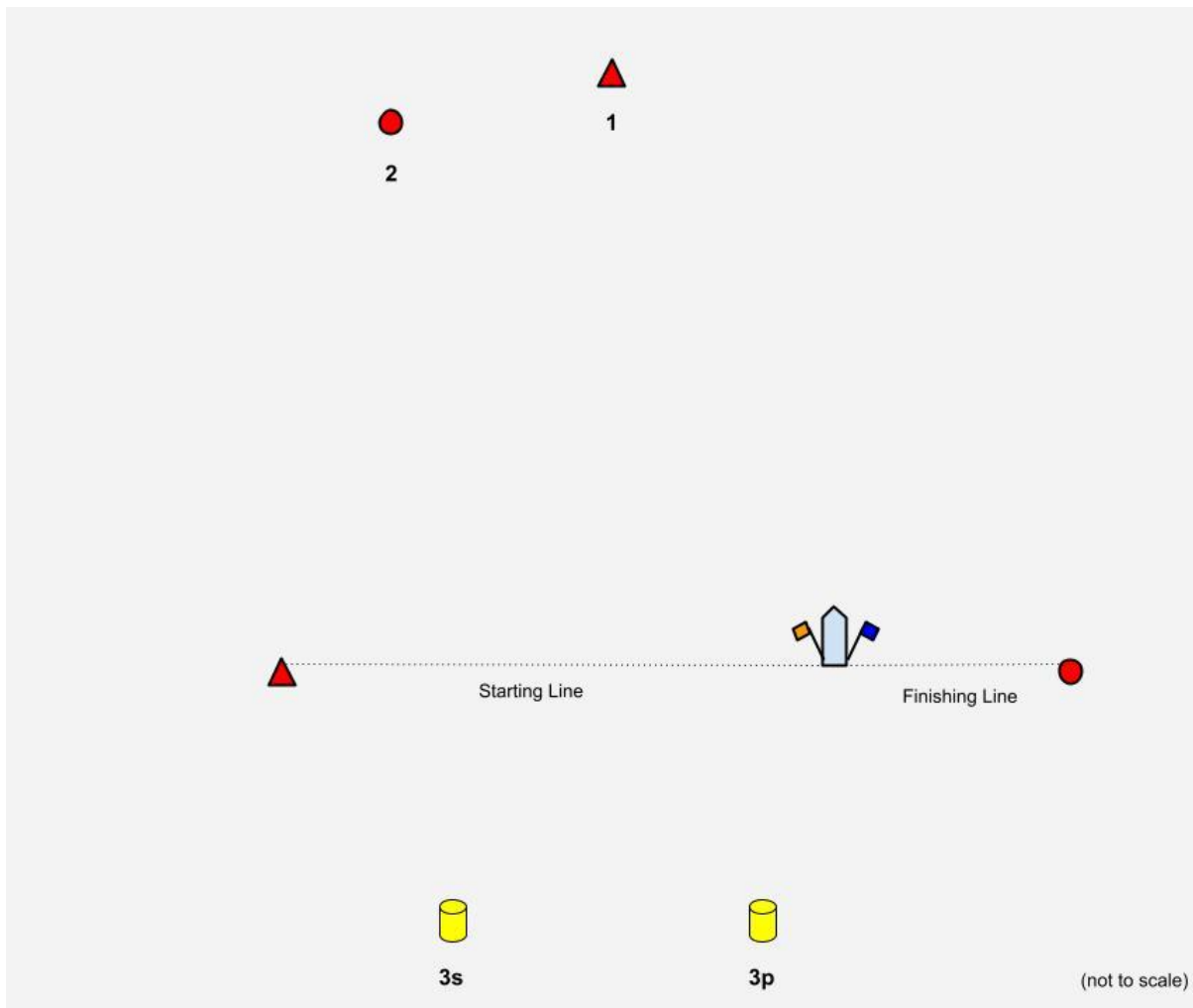
A2 ROUNDING ORDER—BUOY RACES

<i>Course</i>	<i>Mark Rounding Order</i>
1	Start – 1 – 2 – Finish
2	Start – 1 – 2 – 3s/3p – 1 – 2 – Finish
3	Start – 1 – 2 – 3s/3p – 1 – 2 – 3s/3p – 1 – 2 - Finish

All roundings to port

Mark 2 may or may not be set

If one gate mark is not on station, the remaining mark shall be rounded to port



Addendum B—Course and Mark Descriptions – Distance Race

B1 MARKS—DISTANCE RACE

Mark	Description	Location
S/F	Start/Finish	Southeast of Tahoe City Marina Approximately 39° 10.141' N 120° 07.369' W
ER	Eagle Rock	Approximately 39° 06.930' N 120° 09.133' W - Temporary Mark
SP	Sugar Pine Point	Approximately 39° 03.669' N 120° 06.579' W - Temporary Mark
DP	Dollar Point	Approximately 39° 10.851' N 120° 05.549' W - Temporary Mark
KB	Kings Beach	Approximately 39° 13.866' N 120° 01.619' W – Temporary Mark
R1	Research Buoy 1	Approximately 39° 09.319' N 120° 00.241' W
R2	Research Buoy 2	Approximately 39° 06.509' N 120° 00.419' W
R3	Research Buoy 3	Approximately 39° 06.557' N 120° 04.415' W
R4	Research Buoy 4	Approximately 39° 09.317' N 120° 04.306' W
W	Windward inflatable mark (to windward of starting line)	
L	Leeward inflatable mark (to leeward of starting line)	

Note that the GPS coordinates supplied above are estimates based on a non-scientific survey conducted on 6/21/20. These are provided as a convenience to competitors. The inaccuracy of these coordinates shall not be grounds for redress.

B2 ROUNDING ORDER - DISTANCE RACE

Course	Mark Rounding Order	Approximate Distance
1	Start – ER(p) – R3(s) – SP(p) – R2(p) – SP(s) – Finish	28.55 nm
2	Start – ER(p) – R1(p) – ER(s) - Finish	22.71 nm
3	Start – ER(p) – R3(p) – ER(s) – Finish	15.17 nm
4	Start – ER(p) - R3(s) – SP(s) – DP(p) – Finish.....	19.73 nm
5	Start – ER(p) – KB(s) – R4(s) – Finish	20.78 nm
6	Start – ER(p) – DP(s) – R4(s) – Finish	13.35 nm
7	Start – ER(p) – KB(p) – DP(p) – KB(p) – Finish.....	27.64 nm
8	Start – ER(p) – R1(p) – DP(s) – KB(p) – Finish	25.84 nm
9	Start – ER(p) – R4(p) – DP(s) – KB(p) – Finish	20.47 nm
10	Start – KB(p) – SP(s) – Finish.....	23.21 nm
11	Start – KB(p) – R3(s) – Finish	17.68 nm
12	Start – DP(p) – ER(s) – Finish	10.61 nm
13	Start – R2(s) – ER(s) – Finish	17.18 nm
14	Start – R2(s) – ER(s) – R3(s) – ER(s) – Finish	24.60 nm
15	Start – SP(p) – R1(s) – R2(s) – Finish	23.30 nm
16	Start – W(p) – L(p) – Finish	unspecified
17	Start – R4(s) – ER(s) – Finish	11.08 nm
18	Start – R4(s) – ER(s) – R4(p) – Finish.....	14.41 nm
19	Start – R1(p) – DP(p) – Finish.....	11.56 nm
20	Start – SP(p) – Finish.....	13.00 nm
21	Start – SP(p) – DP(p) – ER(s) - Finish.....	22.31 nm

Note that (p) means round to port, and (s) means round to starboard.

B3 CHART OF POSSIBLE MARKS — SATURDAY TRANS-TAHOE DISTANCE RACE

