



Sailing Instructions
Trans-Tahoe Regatta
July 9 – July 10, 2021
Organizing Authority: Tahoe Yacht Club

1 RULES

- 1.1 The regatta will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 Competitors shall wear PFDs (personal floatation devices), except briefly while changing or adjusting clothing or personal equipment. Wet suits or dry suits are not personal floatation devices. Flag Y will not be displayed. This changes RRS 40.
- 1.3 Except when violating the restricted starting/finishing line during the buoy races (as defined in the SIs), 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 63.2 and 63.4 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/22211>
- 2.2 The race committee may communicate with boats on VHF channel 65A (channel 1065 on newer radios).

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 the race signal AP.

5 SCHEDULE OF EVENTS

Up to four Buoy Races – First Warning	Friday 7/10	1500 hours
Protest Hearings- Friday Protests (TYC Clubhouse)	Saturday 7/11	0800 hours
Trans-Tahoe Distance Race – First Warning	Saturday 7/11	1200 hours
Protest Hearings (TYC Clubhouse)	Saturday 7/11	after racing
Awards Presentation (TYC Clubhouse - outside)	Saturday 7/11	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 7/12.

There will be no Competitors’ Meeting. All notices will be posted on the Regatta Network Website:
<http://www.regattanetwork.com/event/22211>

6 CLASS FLAGS

Class *Flag*

Multi-hulls	Code flag "K"	
Division 1 (PHRF <49)	Black flag with number "1"	
Division 2 (Non-sprit boats PHRF >48 and <96)	Black flag with number "2"	
(and sprit boats PHRF >48 and <118)	Black flag with number "2"	
Division 3 (Non-sprit boats PHRF >95)	Black flag with number "3"	
(and sprit boats PHRF >117)	Black flag with number "3"	
Cruising Division (non-spinnaker)	Code flag "Q"	

7 RACING AREA

- 7.1 On northern Lake Tahoe, with the start/finish near Tahoe City.
- 7.2 Friday's races will take place off 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, on a white board.
- 8.2 For Saturday's race the race committee will designate the course to be sailed, from Addendum B, on a white board.

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 shall hail on VHF or loudhailer 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 an orange 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.

13 TIME LIMIT

- 13.1 For Friday's races:
The time limit for finishing a race shall be 45 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. This changes RRS 35, A4, and A5.
- 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. This changes RRS 35, A4, and A5.

- 14 protests and requests for redress
- 14.1 Protest forms are available at the Tahoe Yacht Club clubhouse. Protests and requests for redress or reopening shall be delivered there within 60 minutes after finishing or retiring from the final race of the day.
- 14.2 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. Hearings will be held in the Tahoe Yacht Club clubhouse as schedule in SI 5.

15 SCORING

- 15.1 For PHRF classes, 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 Four races are scheduled. One completed race constitutes a regatta.
- 15.3 Saturday's distance race shall be scored double in determining series scores.
- 15.4 There will be no excluded scores. This changes A2.1.

16 SAFETY REQUIREMENTS

Boats are requested to notify the RC when retiring from the race course.

17 PRIZES

- 17.1 Prizes will be awarded based on participation.
- 17.2 Boats in qualified one-design classes will additionally compete for PHRF prizes.
- 17.3 Overall regatta scoring will include Friday's combined races, plus the Saturday distance race which will count double.

Principal Race Officer: Mike Simmons
Chief Judge: John Siegel

Addendum A—Course and Mark Descriptions – Friday Races

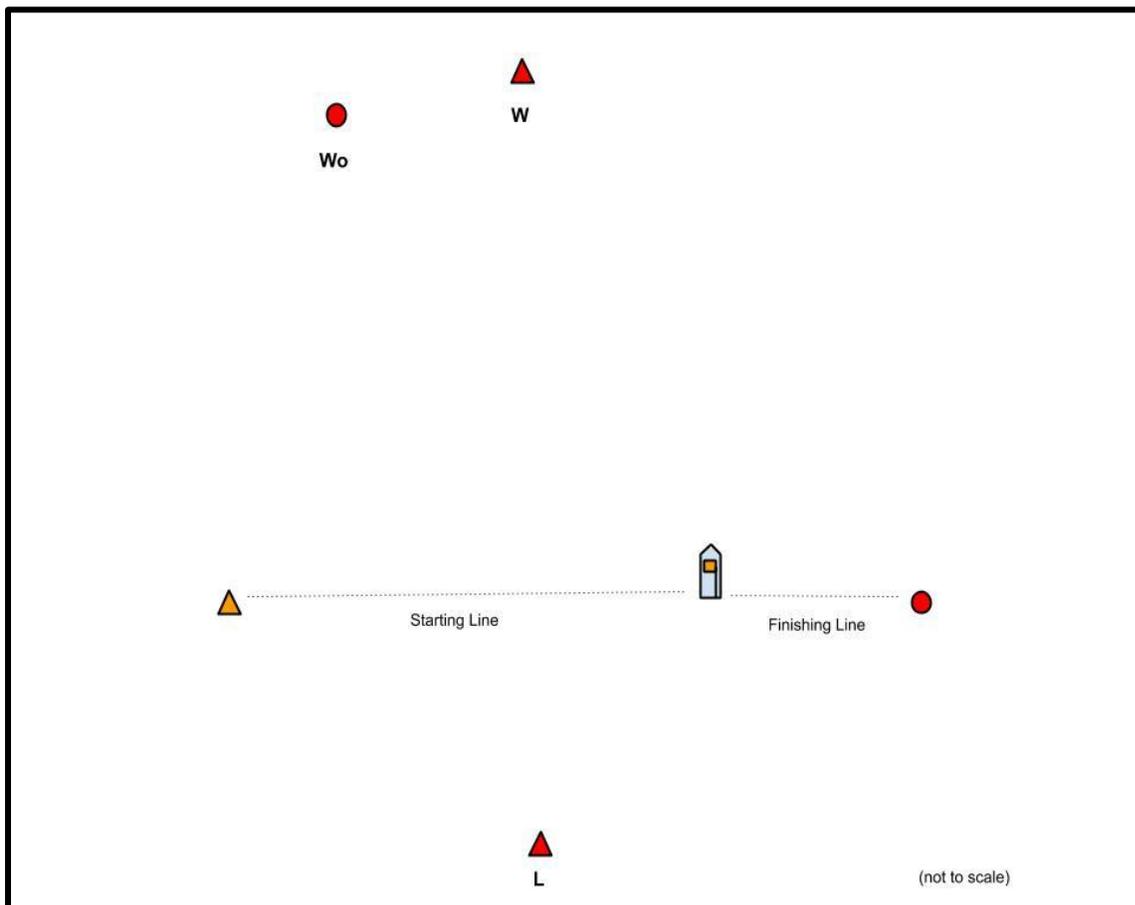
A1 MARKS—BUOY RACES

<i>Mark</i>	<i>Description</i>	<i>Location</i>
S/F	Start/Finish	South of Lake Forest Launch Ramp – Approximately 1/2 nm
W	Inflatable	Windward mark
Wo	Round ball	Windward Offset mark
L	Inflatable	Leeward mark

A2 ROUNDING ORDER—BUOY RACES

<i>Course</i>	<i>Mark Rounding Order</i>
1	Start – W – Wo – L - Finish
2	Start – W – Wo – L – W – Wo - L – Finish
3	Start – W – Wo - Finish

All roundings 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

