



Sailing Instructions Trans-Tahoe Makeup Race August 6, 2016

1 RULES

- 1.1 The regatta will be governed by the rules as defined in *The Racing Rules of Sailing*.
- 1.2 Racing rule 40 (paragraph 1) will be changed as follows: "Competitors shall wear personal floatation devices, except briefly while changing or adjusting clothing or personal equipment. Wet suits or dry suits are not personal floatation devices. The revised rule shall apply regardless of whether Flag Y is displayed."
- 1.3 Racing 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.

2 COMMUNICATION WITH COMPETITORS

- 2.1 Notices to competitors will be posted on the Tahoe Yacht Club electronic official notice on Regatta Network: <http://www.regattanetwork.com/event/13133>
- 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 official notice board located inside the Tahoe Yacht Club clubhouse and on Regatta Network 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 For the Trans-Tahoe Race, 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 on VHF channel 65.
- 4.2 When flag AP is displayed ashore, "1 minute" is replaced with "not less than 60 minutes" in the race signal AP.

5 SCHEDULE OF EVENTS

Competitors' Meeting	Saturday, August 6	1000 hours
Warning Signal	Saturday, August 6	1200 hours
Protest Hearings	Sunday, August 7	0900 hours
Awards Ceremony and Luncheon	Sunday, August 7	1200 hours

6 CLASS FLAGS

- 6.1 Class flags and class identification ribbons are as follows:

Class	Flag	Ribbon
Multi-hull boats	White flag with the letter "S"	Yellow
Keelboats, division 1	Black flag with number "1"	Red
Keelboats, division 2	Black flag with number "2"	Blue
Keelboats, division 3	Black flag with the number "3"	Green
Non-spinnaker/cruising boats	White flag with the letter "C"	Chartreuse

- 6.2 Boats are requested to display their class ribbon on the backstay or other convenient visible location.

7 RACING AREA

On northern Lake Tahoe, with the start/finish just off Tahoe City.

8 COURSES AND MARKS

- 8.1 See Addendum A for course illustrations and mark descriptions.
- 8.2 Not later than the warning signal, the race committee signal boat will display the course designation on a message board.

9 THE START

- 9.1 Races will be started using rule 26.
- 9.2 The race committee may start divisions in any order.
- 9.3 The warning signal for the second and subsequent classes will be made with or after the starting signal for the preceding class.
- 9.4 The starting line will be between a staff displaying an orange or red flag on the race committee signal boat and an adjacent inflatable mark or round orange/red ball.
- 9.5 A boat that starts later than ten minutes after her starting signal will be scored DNS. This changes rule 35.
- 9.6 Boats whose warning signal has not been made are requested to keep clear of the starting area during the starting sequence for other classes.

10 RECALLS

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

11 THE FINISH

- 11.1 The finishing line will be between a staff displaying an orange or red flag on the race committee signal boat and an adjacent inflatable mark or round red/orange buoy.
- 11.3 The finishing line will be on the port side of the committee boat, usually to the east of the finish line. After dark the race committee will attempt to display a white searchlight.

12 TIME LIMIT

The time limit is 2400 hours. Boats not finishing by this time limit will be scored DNF without a hearing. This changes rules 35, A4, and A5.

13 PROTESTS AND REQUESTS FOR REDRESS

- 13.1 Protest forms are available at the Tahoe Yacht Club clubhouse. Protests and requests for redress or reopening shall be delivered there within 90 minutes after finishing or retiring.
- 13.2 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 beginning at 0900 hours Sunday August 7.

14 SCORING

Races will be scored using the Tahoe PHRF Handicap System with Time-on-Time scoring as described by US Sailing:

<http://www.ussailing.org/racing/offshore-big-boats/phrf/time-on-time-scoring/>

$TCF = A / (B + PHRF)$

Where A = 650

Where B will be assigned by the race committee:

B = 480 for heavy air, 550 for average conditions, 600 for very light air

15 SAFETY REQUIREMENTS

- 15.1 Boats are requested to check-in by sailing past the transom of the Race Committee Signal Boat before their warning signal.
- 15.2 Boats are requested to notify the RC when retiring from the race course, before finishing.

Addendum A—Course and Mark Descriptions

A1 MARKS—TRANS-TAHOE RACE

<i>Mark</i>	<i>Description</i>	<i>Location</i>
S/F	Start/Finish	Southeast of Tahoe City Marina 1 to 2 miles
ER	Eagle Rock	East of Eagle Rock near shore
SP	Sugar Pine Point	Northeast of Sugar Pine Point near shore
DM	Dead Man Point	West of Dead Man Point (north point of Glenbrook Bay)
DP	Dollar Point	Southeast of Dollar Point near shore
R1	Research Buoy 1	Approximately 39° 09.295' N 120° 00.228' W
R2	Research Buoy 2	Approximately 39° 06.501' N 120° 00.530' W
R3	Research Buoy 3	Approximately 39° 06.750' N 120° 04.269' W
R4	Research Buoy 4	Approximately 39° 09.364' N 120° 04.205' W

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

A2 ROUNDING ORDER—TRANS-TAHOE RACE

<i>Course</i>	<i>Mark Rounding Order</i>	<i>Approximate Distance</i>
A	Start – ER(p) – R3(s) – SP(p) – DM(p) – SP(s) – Finish.....	32.09nm
B	Start – ER(p) – R3(s) – SP(p) – R2(p) – SP(s) – Finish	28.30nm
C	Start – ER(p) – DM(s) – SP(s) – Finish	26.25 nm
D	Start – ER(p) – DM(p) – Finish	20.77 nm
E	Start – SP(p) – R1(s) – R2(s) – Finish	23.22 nm
F	Start – DM(p) – DP(p) – Finish	17.72 nm
G	Start – R2(p) – DP(p) – Finish.....	14.05 nm
H	Start – DP(s) – DM(p) – DP(p) – Finish	18.64 nm
I	Start – DM(s) – ER(s) – Finish	20.77 nm
J	Start – R2(s) – ER(s) – Finish	16.41 nm
K	Start – R1(s) – ER(s) – Finish	16.39 nm
L	Start – R4(s) – ER(s) – Finish	10.60 nm
M	Start – ER(p) – DP(p) – Finish.....	10.09 nm
N	Start – ER(p) – R4(p) – Finish	10.60 nm
O	Start – ER(p) – R1(p) – Finish	16.39 nm
P	Start – ER(p) – R3(p) – ER(s) – Finish	14.54 nm
Q	Start – ER(p) – R2(s) – SP(s) – R1(p) – DP(p) – Finish.....	29.27 nm
R	Start – ER(p) – R2(p) – DP(p) – Finish	17.79 nm
S	Start – ER(p) – R3(s) – SP(s) – DP(p) – Finish.....	20.42 nm
T	Start – DP(s) – SP(p) – R2(p) – DP(p) – Finish	22.14 nm

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

A3 COURSE DIAGRAM—SATURDAY TRANS-TAHOE RACE

