



# SWIFTSURE INTERNATIONAL YACHT RACE

Hosted by the Royal Victoria Yacht Club

May 24 – 24 2025

Victoria, British Columbia



SWIFTSURE

## 2025 SWIFTSURE INTERNATIONAL YACHT RACE

### ORC SCORING INFORMATION for CAPE FLATTERY RACE

18.2 of the Sailing Instructions for the three Long Courses (including SI Amendment #1) note the following.

*18.2 ORC yachts shall be scored using the following parameters.*

*e) Corrected times shall be based on time-on-time calculations.*

*f) After the race is completed the race committee shall determine which of the wind speed triple coefficients (low, medium, or high) will be used based on observed wind speed data, recorded over multiple locations during the race.*

*g) The Windward Leeward coefficients shall be used to score the race.*

*h) If irregular conditions prevail and recorded conditions are consistent with the ORC definitions for either: All Purpose, Predominant Upwind, Predominant Downwind, or Predominant Reaching the race committee may score the race using one of these alternative scoring options.*

*18.3 The race committee shall publish on the Notice Board observed wind direction and wind speed measurements recorded, and other information used pertinent to determining appropriate ORC scoring.*

*18.4 The decision on the scoring method and scoring parameters used will be at the sole discretion of the race committee and together with length of course, duration of race, directions of leg and the wind direction and speed will not be grounds for request for redress by a boat. This changes RRS 61.1(a)*

As per 18.2.f) the Race Committee has determined the average wind speed to be used will be **10.91 knots** which falls into the Medium range.

As per 18.2.g) the Windward Leeward coefficients will be used to score the race.

As per 18.2.h) irregular conditions did not prevail, requiring the use of an alternative scoring model. The weighted average wind direction used was **227° TWD**

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As per 18.3 the following information is provided.

### **Weighted Average Wind Speed:**

10.91 knots TWS

→ Based on observations from four weather stations over a 26-hour period across the course.

### **Weighted Average Wind Direction:**

227° TWD

→ Calculated using data observations across the course, weighted for time based on the length of each leg.

<b>Leg</b>	<b>Avg. TWD</b>
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Start to Race Rocks	116.3°
Race Rocks to Neah Bay	250.6°
Neah Bay to Race Rocks	234.8°
Race Rocks to Finish	213.8°

### **Methodology and Assumptions:**

#### **Wind Speed:**

To fairly represent wind speed for the entire race, the measurement duration is based on the expected time duration for the slowest ORC rated boat to complete the whole course-based on ORC performance expectations.

*Reference Boat:* TC (Hobie 33)

- APH: 541.6
- ORC Triple Number (Low): 918.1
- Calculated time to complete the course: 26.01 hours
- Wind speed observations were therefore recorded for 26 hours from 1000 Saturday May 24 to 1200 Sunday, May 25.

#### **Wind Direction:**

Wind direction is weighted according to the expected time for a mid-fleet boat (the median rated boat) to spend on each leg in completing the whole course.

*Reference Boat:* Arietta (XP44)

- APH: 489.3
- ORC Triple Number WL Low: 836.2
- Estimated course completion time: ~24 hours
- Leg durations were estimated as:
  - Legs 1 and 4: 10% of race time on each.
  - Legs 2 and 3: 40% of race time on each.
- Using this set of assumptions, a time-weighted average wind direction was calculated for each leg based on the expected position of the fleet over the 24-hour race duration.

**Wind Speed and Direction Observed Data:**

See Spreadsheet on Official Notice Board: 'Swiftsure 2025 Observed Wind Speed and Direction' for all observational wind speed and direction data.

As per 18.4.

*The decision on the scoring method and scoring parameters used will be at the sole discretion of the race committee and together with length of course, duration of race, directions of leg and the wind direction and speed will not be grounds for request for redress by a boat. This changes RRS 61.1(a)*



Dugald Smith  
Principle Race Officer, Swiftsure Race  
May 26, 2025