



**ORC**

Offshore Racing Congress  
World leader in rating technology

**2020  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **132/20**  
Issued On **04/08/2020**  
ORC Ref **0388000NVO**  
VPP Ver. **2020 1.02**  
Valid until **31/12/2020**

**Crew Weight**

Default 686kg  
Maximum **736kg**  
Minimum\* **552kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Non Spin GPH	<b>633.8</b>	<b>0.9467</b>
Non Spin OSN	<b>615.4</b>	<b>0.9749</b>

**Sails Limitations**

Headsails **5** Spinnakers **4**

**Spinnaker configuration**  
Symmetric: **Yes 108.03**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

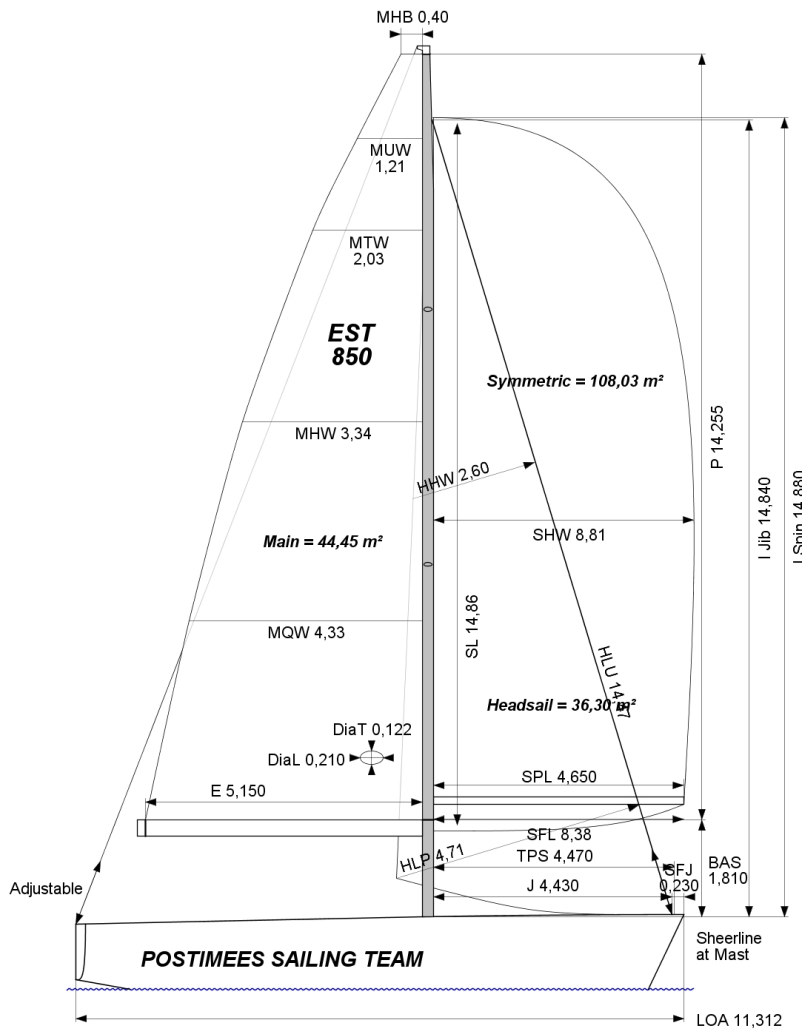
**Class Division Length**

**CDL = 9.618**

**Stability (Measured)**

Limit Positive Stab.: **120.0°**  
Stability Index: **119.6**

**Owner**



BOAT		GPH	HULL			
Name <b>POSTIMEES SAILING TEAM</b> Sail Nr <b>EST 850</b>		<b>600.8</b>	Data File <b>EST850</b>	LOA <b>11.312m</b>		
			Offset File <b>est850_2020b.off</b>	MB <b>3.640m</b>		
			Displacement <b>5,927kg</b>	Draft <b>1.987m</b>		
<b>CLASS</b>			IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.090%</b>		
Class <b>ONE OFF</b>			Plan Review	Construction <b>Cored</b>		
Designer <b>CYD</b>			Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
Builder <b>RIDAS YACHT OÜ</b>			Crew Arm Ex	Carbon Rudder <b>Yes</b>		
Series <b>04/2018</b>				Light Stanchions <b>No</b>		
Age Date <b>04/2018</b>			IMSL <b>10.171m</b>	VCGD <b>0.016m</b>	Sink <b>21.07kg/mm</b>	
Age Allowance <b>0.065%</b>			RL <b>9.077m</b>	VCGM <b>0.079m</b>	WS <b>27.66m²</b>	
<b>COMMENTS</b>			LSM0 <b>9.972m</b>	Displacement/Length ratio <b>5.9771</b>		
			Water Ballast <b>0</b>	Trim Tab <b>No</b>		
			BLR Index <b>0.0000</b>			
<b>PROPELLER</b>			<b>CENTERBOARD</b>			
Installation <b>Strut</b>	PRD <b>0.405</b>		<b>NA</b>			
Type <b>Folding 2 blades</b>	PBW <b>0.106</b>					
	PIPA <b>0.0036</b>					
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>584.2</b>			<b>654.4</b>		
Time on Time	<b>1.0270</b>			<b>1.0314</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>689.5</b>	<b>531.7</b>	<b>474.5</b>	<b>893.2</b>	<b>656.3</b>	<b>572.4</b>
Time on Time	<b>0.9789</b>	<b>1.2694</b>	<b>1.4226</b>	<b>0.7557</b>	<b>1.0285</b>	<b>1.1793</b>

# 2020

## ORC Club Certificate Appendix

<b>BOAT</b>			
Name	<b>POSTIMEES SAILING TEAM</b>	Certificate Number	<b>132/20</b>
Sail Nr	<b>EST 850</b>	Issued On	<b>04/08/2020</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1022.9</b>	<b>841.5</b>	<b>742.0</b>	<b>700.9</b>	<b>685.7</b>	<b>680.3</b>	<b>670.9</b>
52°	<b>664.6</b>	<b>558.4</b>	<b>505.6</b>	<b>485.1</b>	<b>478.4</b>	<b>475.5</b>	<b>470.6</b>
60°	<b>626.0</b>	<b>532.5</b>	<b>490.8</b>	<b>472.4</b>	<b>464.5</b>	<b>460.7</b>	<b>456.7</b>
75°	<b>596.9</b>	<b>514.3</b>	<b>480.4</b>	<b>460.8</b>	<b>446.2</b>	<b>437.3</b>	<b>431.0</b>
90°	<b>603.9</b>	<b>515.2</b>	<b>475.0</b>	<b>458.7</b>	<b>440.4</b>	<b>423.3</b>	<b>402.5</b>
110°	<b>608.3</b>	<b>505.6</b>	<b>465.9</b>	<b>439.6</b>	<b>419.0</b>	<b>406.8</b>	<b>386.2</b>
120°	<b>625.1</b>	<b>515.1</b>	<b>470.8</b>	<b>443.0</b>	<b>416.4</b>	<b>393.3</b>	<b>366.7</b>
135°	<b>690.7</b>	<b>559.6</b>	<b>492.1</b>	<b>460.9</b>	<b>434.7</b>	<b>409.5</b>	<b>360.6</b>
150°	<b>823.4</b>	<b>656.1</b>	<b>551.9</b>	<b>491.8</b>	<b>462.7</b>	<b>438.4</b>	<b>392.6</b>
Run VMG	<b>950.7</b>	<b>757.6</b>	<b>637.3</b>	<b>560.5</b>	<b>510.9</b>	<b>475.5</b>	<b>428.3</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>986.8</b>	<b>799.6</b>	<b>689.7</b>	<b>630.7</b>	<b>598.3</b>	<b>577.9</b>	<b>549.6</b>
Circular Random	<b>827.7</b>	<b>668.1</b>	<b>582.8</b>	<b>533.5</b>	<b>503.4</b>	<b>483.4</b>	<b>457.3</b>
Coastal / Long Distance	<b>983.2</b>	<b>750.6</b>	<b>621.9</b>	<b>551.3</b>	<b>513.9</b>	<b>483.7</b>	<b>435.5</b>
Non Spinnaker	<b>886.8</b>	<b>709.8</b>	<b>613.9</b>	<b>557.8</b>	<b>523.2</b>	<b>500.6</b>	<b>471.9</b>

<b>Velocity Prediction in Knots for True Wind Speeds</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>43.5°</b>	<b>42.0°</b>	<b>40.9°</b>	<b>39.8°</b>	<b>39.8°</b>	<b>39.8°</b>	<b>40.1°</b>
Beat VMG	<b>3.52</b>	<b>4.28</b>	<b>4.85</b>	<b>5.14</b>	<b>5.25</b>	<b>5.29</b>	<b>5.37</b>
52°	<b>5.42</b>	<b>6.45</b>	<b>7.12</b>	<b>7.42</b>	<b>7.52</b>	<b>7.57</b>	<b>7.65</b>
60°	<b>5.75</b>	<b>6.76</b>	<b>7.34</b>	<b>7.62</b>	<b>7.75</b>	<b>7.81</b>	<b>7.88</b>
75°	<b>6.03</b>	<b>7.00</b>	<b>7.49</b>	<b>7.81</b>	<b>8.07</b>	<b>8.23</b>	<b>8.35</b>
90°	<b>5.96</b>	<b>6.99</b>	<b>7.58</b>	<b>7.85</b>	<b>8.17</b>	<b>8.51</b>	<b>8.94</b>
110°	<b>5.92</b>	<b>7.12</b>	<b>7.73</b>	<b>8.19</b>	<b>8.59</b>	<b>8.85</b>	<b>9.32</b>
120°	<b>5.76</b>	<b>6.99</b>	<b>7.65</b>	<b>8.13</b>	<b>8.65</b>	<b>9.15</b>	<b>9.82</b>
135°	<b>5.21</b>	<b>6.43</b>	<b>7.32</b>	<b>7.81</b>	<b>8.28</b>	<b>8.79</b>	<b>9.98</b>
150°	<b>4.37</b>	<b>5.49</b>	<b>6.52</b>	<b>7.32</b>	<b>7.78</b>	<b>8.21</b>	<b>9.17</b>
Run VMG	<b>3.79</b>	<b>4.75</b>	<b>5.65</b>	<b>6.42</b>	<b>7.05</b>	<b>7.57</b>	<b>8.40</b>
Gybe Angles	<b>140.5°</b>	<b>148.5°</b>	<b>149.0°</b>	<b>156.3°</b>	<b>172.0°</b>	<b>180.0°</b>	<b>180.0°</b>