



**ORC**  
Offshore Racing Congress  
World leader in rating technology

**2020  
ORC Club  
Certificate**

**Rating Office**  
Hungarian Yachting  
Association  
Istvanmezei ut 1-3  
H-1146 Budapest  
HUNGARY



**Certificate**

Number **003/20**  
Issued On **22/05/2020**  
ORC Ref **03880000ILM**  
VPP Ver. **2020 1.02**  
Valid until **31/12/2020**

**Crew Weight**

Default 802kg  
Maximum **802kg**  
Minimum\* **602kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
Non Spin GPH **668.0 0.8982**  
Non Spin OSN **644.6 0.9307**

**Sails Limitations**

Headsails **6** Spinnakers **4**

**Spinnaker configuration**

Symmetric: **Yes 128.03**  
Asymmetric: **Yes 120.56**  
Flying H/S: **Yes 75.28**  
Spin. Pole: **Yes**

**Class Division Length**

CDL = **9.906**

**Stability (Estimated)**

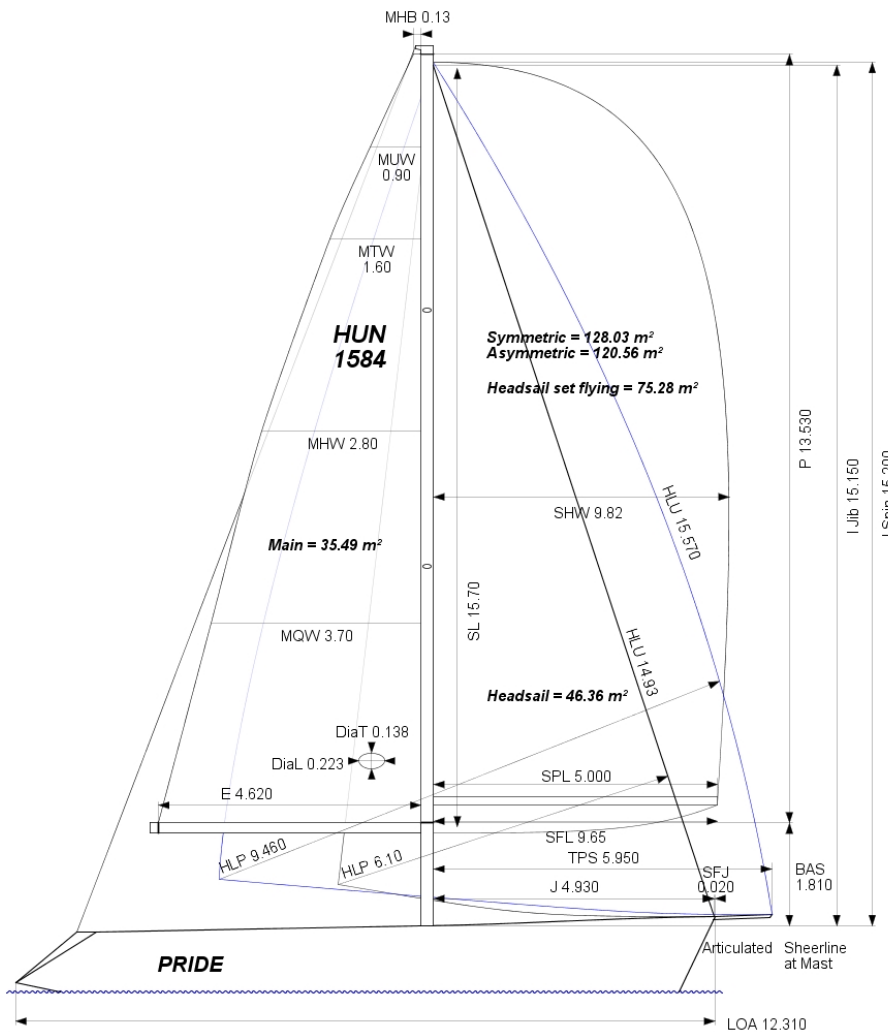
Limit Positive Stab.: **119.9°**  
Stability Index: **122.3**

**Owner**

Balázs Rozgonyi  
2096 Üröm, Kert u 19  
HUNGARY

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



<b>BOAT</b> Name <b>PRIDE</b> Sail Nr <b>HUN-1584</b>		<b>GPH</b> <b>614.8</b>	<b>HULL</b> Data File <b>HUN1584</b> LOA <b>12.310m</b> Offset File <b>OC411DK.OFF</b> MB <b>3.950m</b> Displacement <b>7,800kg</b> Draft <b>2.017m</b>			
<b>CLASS</b> Class <b>Oceanis 411 Perfor</b> Designer <b>Finot</b> Builder <b>Beneteau</b> Series <b>01/1997, CIN FR-BEY76918C303</b> Age Date <b>01/2003</b> Age Allowance <b>0.487%</b>		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.245%</b> Plan Review Construction <b>Solid</b> Fiber Rigging <b>No</b> Aramid Core <b>No</b> Crew Arm Ex Carbon Rudder <b>No</b> Light Stanchions <b>No</b>				
<b>COMMENTS</b>		IMSL <b>11.192m</b> VCGD <b>-0.100m</b> Sink <b>24.63kg/mm</b> RL <b>8.622m</b> VCGM <b>-0.115m</b> WS <b>33.43m²</b> LSM0 <b>11.133m</b> Displacement/Length ratio				
<b>PROPELLER</b> Installation <b>Shaft non exposed</b> PRD <b>0.420</b> Type <b>Solid 3 blades</b> PIPA <b>0.0106</b>		Water Ballast Trim Tab <b>No</b> BLR Index <b>0.0000</b>				
<b>SCORING OPTIONS</b>		<b>CENTERBOARD</b> <b>N/A</b>				
Time on Distance	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
	<b>597.7</b>			<b>671.9</b>		
Time on Time	<b>1.0038</b>			<b>1.0046</b>		
	Low	Medium	High	Low	Medium	High
Triple Number	Low	Medium	High	Low	Medium	High
	<b>721.8</b>	<b>540.3</b>	<b>473.0</b>	<b>951.8</b>	<b>677.2</b>	<b>573.5</b>
Time on Distance	<b>0.9351</b>	<b>1.2494</b>	<b>1.4270</b>	<b>0.7092</b>	<b>0.9967</b>	<b>1.1769</b>
	<b>0.9351</b>	<b>1.2494</b>	<b>1.4270</b>	<b>0.7092</b>	<b>0.9967</b>	<b>1.1769</b>

# 2020

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name <b>PRIDE</b>	Certificate Number <b>003/20</b>
Sail Nr <b>HUN-1584</b>	Issued On <b>22/05/2020</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1092.9</b>	<b>892.9</b>	<b>779.4</b>	<b>719.1</b>	<b>687.4</b>	<b>671.0</b>	<b>663.4</b>
52°	<b>695.2</b>	<b>575.1</b>	<b>509.4</b>	<b>483.0</b>	<b>471.3</b>	<b>464.9</b>	<b>458.7</b>
60°	<b>641.4</b>	<b>536.1</b>	<b>486.7</b>	<b>466.2</b>	<b>456.0</b>	<b>449.4</b>	<b>442.5</b>
75°	<b>592.9</b>	<b>505.6</b>	<b>471.1</b>	<b>453.3</b>	<b>440.3</b>	<b>430.9</b>	<b>420.9</b>
90°	<b>592.4</b>	<b>505.8</b>	<b>470.1</b>	<b>451.2</b>	<b>435.8</b>	<b>421.0</b>	<b>398.3</b>
110°	<b>642.1</b>	<b>523.5</b>	<b>470.3</b>	<b>445.2</b>	<b>424.3</b>	<b>404.7</b>	<b>381.0</b>
120°	<b>661.3</b>	<b>536.2</b>	<b>475.3</b>	<b>447.5</b>	<b>424.4</b>	<b>402.0</b>	<b>365.0</b>
135°	<b>735.8</b>	<b>585.1</b>	<b>500.6</b>	<b>462.6</b>	<b>439.5</b>	<b>416.5</b>	<b>372.2</b>
150°	<b>884.3</b>	<b>692.9</b>	<b>572.1</b>	<b>500.2</b>	<b>464.5</b>	<b>442.9</b>	<b>401.1</b>
Run VMG	<b>1021.1</b>	<b>800.1</b>	<b>660.6</b>	<b>573.8</b>	<b>522.2</b>	<b>481.7</b>	<b>436.5</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1057.0</b>	<b>846.5</b>	<b>720.0</b>	<b>646.4</b>	<b>604.8</b>	<b>576.3</b>	<b>549.9</b>
Circular Random	<b>861.6</b>	<b>689.3</b>	<b>595.5</b>	<b>540.3</b>	<b>505.9</b>	<b>483.3</b>	<b>455.8</b>
Coastal / Long Distance	<b>1053.4</b>	<b>790.7</b>	<b>643.1</b>	<b>559.0</b>	<b>515.3</b>	<b>482.2</b>	<b>431.6</b>
Non Spinnaker	<b>959.0</b>	<b>757.8</b>	<b>645.8</b>	<b>578.2</b>	<b>535.5</b>	<b>507.5</b>	<b>473.9</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>45.8°</b>	<b>44.3°</b>	<b>43.9°</b>	<b>42.4°</b>	<b>40.5°</b>	<b>39.8°</b>	<b>39.6°</b>
Beat VMG	<b>3.29</b>	<b>4.03</b>	<b>4.62</b>	<b>5.01</b>	<b>5.24</b>	<b>5.37</b>	<b>5.43</b>
52°	<b>5.18</b>	<b>6.26</b>	<b>7.07</b>	<b>7.45</b>	<b>7.64</b>	<b>7.74</b>	<b>7.85</b>
60°	<b>5.61</b>	<b>6.72</b>	<b>7.40</b>	<b>7.72</b>	<b>7.89</b>	<b>8.01</b>	<b>8.14</b>
75°	<b>6.07</b>	<b>7.12</b>	<b>7.64</b>	<b>7.94</b>	<b>8.18</b>	<b>8.35</b>	<b>8.55</b>
90°	<b>6.08</b>	<b>7.12</b>	<b>7.66</b>	<b>7.98</b>	<b>8.26</b>	<b>8.55</b>	<b>9.04</b>
110°	<b>5.61</b>	<b>6.88</b>	<b>7.65</b>	<b>8.09</b>	<b>8.49</b>	<b>8.90</b>	<b>9.45</b>
120°	<b>5.44</b>	<b>6.71</b>	<b>7.57</b>	<b>8.04</b>	<b>8.48</b>	<b>8.96</b>	<b>9.86</b>
135°	<b>4.89</b>	<b>6.15</b>	<b>7.19</b>	<b>7.78</b>	<b>8.19</b>	<b>8.64</b>	<b>9.67</b>
150°	<b>4.07</b>	<b>5.20</b>	<b>6.29</b>	<b>7.20</b>	<b>7.75</b>	<b>8.13</b>	<b>8.97</b>
Run VMG	<b>3.53</b>	<b>4.50</b>	<b>5.45</b>	<b>6.27</b>	<b>6.89</b>	<b>7.47</b>	<b>8.25</b>
Gybe Angles	<b>144.5°</b>	<b>147.0°</b>	<b>146.0°</b>	<b>153.5°</b>	<b>161.0°</b>	<b>180.0°</b>	<b>180.0°</b>