



**ORC**

Offshore Racing Congress  
World leader in rating technology

**2019  
ORC Club  
Certificate**

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



**Certificate**

Number **013/19**  
Issued On **29/05/2019**  
ORC Ref **HUN10025372**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default	514kg
Maximum	<b>320kg</b>
Minimum*	<b>235kg</b>

\*when applied by the NoR and SI  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>658.6</b>	<b>0.9110</b>
Double H.OSN	<b>641.6</b>	<b>0.9351</b>
Non Spin GPH	<b>694.8</b>	<b>0.8636</b>
Non Spin OSN	<b>673.6</b>	<b>0.8907</b>

**Sails Limitations**

Headsails **5** Spinnakers **3**

**Spinnaker configuration**  
Symmetric: **No**  
Asymmetric: **Yes 75.94**  
Flying H/S: **No**  
Spin. Pole: **Yes**

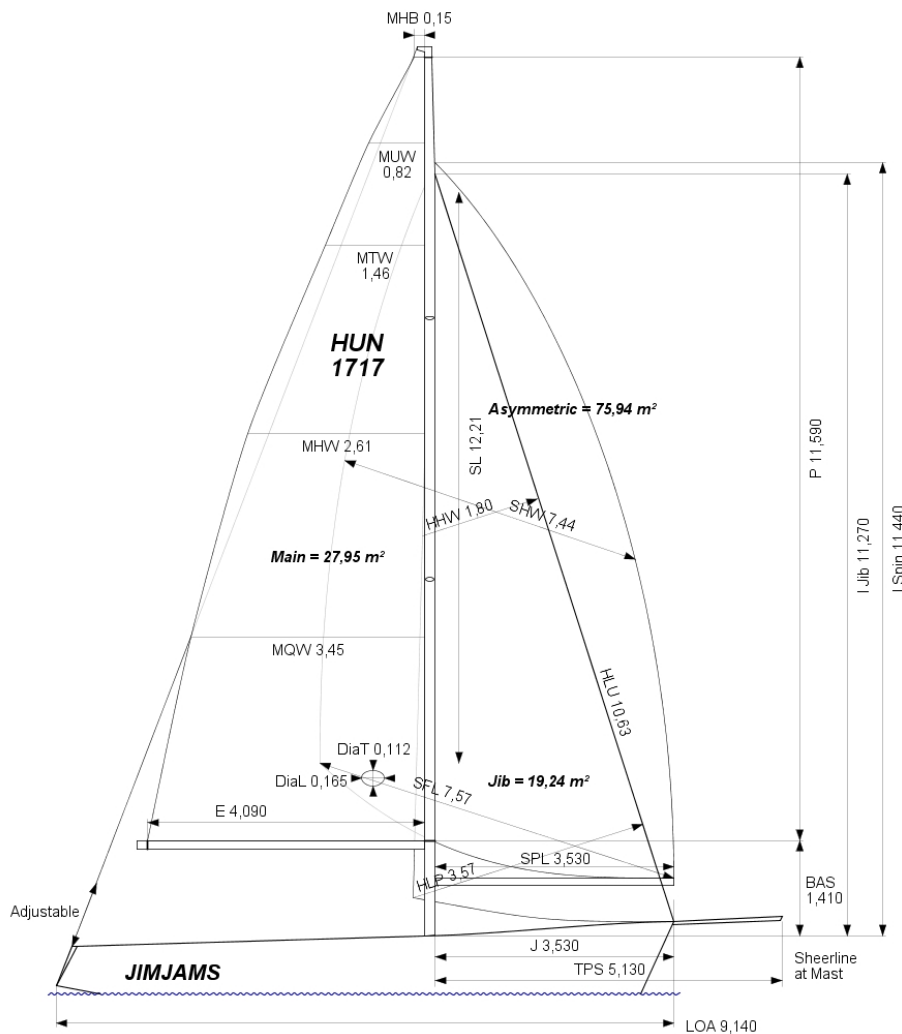
**Class Division Length**  
CDL = **7.940**

**Stability (Measured)**  
Limit Positive Stab.: **111.2°**  
Stability Index: **106.9**

**Owner**  
Istvan VEKONY

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

Signature



BOAT		GPH		HULL		
Name	<b>JIMJAMS</b>			Data File	<b>NED6222</b>	
Sail Nr	<b>HUN-1717</b>			Offset File	<b>H194.BOF</b>	
		<b>652.6</b>		Displacement	<b>2 780kg</b>	
				LOA	<b>9.140m</b>	
				MB	<b>3.042m</b>	
				Draft	<b>1.828m</b>	
<b>CLASS</b>				IMS Division	<b>Performance</b>	
Class	<b>J-92</b>			Dynamic All.	<b>0.182%</b>	
Designer	<b>Johnstone, Rod</b>			Fwd Accom.	<b>Yes</b>	
Builder	<b>J. Composite</b>			Construction	<b>Cored</b>	
Series	<b>01/1992</b>			Fiber Rigging	<b>No</b>	
Age Date	<b>07/2003</b>			Aramid Core	<b>No</b>	
Age Allowance	<b>0.487%</b>			Carbon Rudder	<b>No</b>	
				Light Stanchions	<b>No</b>	
				IMSL	<b>8.294m</b>	
				VCGD	<b>-0.014m</b>	
				Sink	<b>13.21kg/mm</b>	
				RL	<b>7.584m</b>	
				VCGM	<b>-0.024m</b>	
				WS	<b>17.18m²</b>	
				LSM0	<b>8.148m</b>	
				Displacement/Length ratio	<b>5.1392</b>	
<b>COMMENTS</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>0.310</b>			
Type	<b>Folding 2 blades</b>	PIPA	<b>0.0022</b>	<b>N/A</b>		
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>634.9</b>			<b>707.8</b>		
Time on Time	<b>0.9450</b>			<b>0.9537</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>737.9</b>	<b>580.8</b>	<b>521.4</b>	<b>950.7</b>	<b>708.8</b>	<b>624.8</b>
Time on Time	<b>0.9148</b>	<b>1.1621</b>	<b>1.2946</b>	<b>0.7100</b>	<b>0.9523</b>	<b>1.0803</b>

# 2019

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name	<b>JIMJAMS</b>
Sail Nr	<b>HUN-1717</b>
Certificate Number	<b>013/19</b>
Issued On	<b>29/05/2019</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1107.7</b>	<b>915.3</b>	<b>808.8</b>	<b>766.8</b>	<b>753.6</b>	<b>749.9</b>	<b>741.1</b>
52°	<b>729.4</b>	<b>615.0</b>	<b>562.6</b>	<b>543.9</b>	<b>537.3</b>	<b>534.3</b>	<b>528.0</b>
60°	<b>691.0</b>	<b>590.0</b>	<b>548.3</b>	<b>530.6</b>	<b>522.1</b>	<b>518.1</b>	<b>513.1</b>
75°	<b>662.4</b>	<b>572.9</b>	<b>537.4</b>	<b>517.0</b>	<b>501.7</b>	<b>491.2</b>	<b>484.1</b>
90°	<b>638.8</b>	<b>551.4</b>	<b>525.4</b>	<b>513.2</b>	<b>493.4</b>	<b>474.9</b>	<b>451.2</b>
110°	<b>631.1</b>	<b>543.1</b>	<b>508.7</b>	<b>481.1</b>	<b>464.3</b>	<b>452.7</b>	<b>428.0</b>
120°	<b>649.6</b>	<b>551.4</b>	<b>513.1</b>	<b>480.2</b>	<b>450.3</b>	<b>429.5</b>	<b>402.0</b>
135°	<b>726.3</b>	<b>591.4</b>	<b>533.7</b>	<b>501.1</b>	<b>468.2</b>	<b>436.5</b>	<b>368.8</b>
150°	<b>856.6</b>	<b>684.9</b>	<b>586.1</b>	<b>532.6</b>	<b>502.4</b>	<b>471.9</b>	<b>412.3</b>
Run VMG	<b>989.1</b>	<b>790.8</b>	<b>676.8</b>	<b>598.7</b>	<b>547.1</b>	<b>515.4</b>	<b>459.1</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>1048.4</b>	<b>853.0</b>	<b>742.8</b>	<b>682.7</b>	<b>650.4</b>	<b>632.6</b>	<b>600.1</b>
Circular Random	<b>889.5</b>	<b>722.2</b>	<b>633.7</b>	<b>583.1</b>	<b>551.9</b>	<b>530.8</b>	<b>500.5</b>
Coastal / Long Distance	<b>1042.5</b>	<b>801.3</b>	<b>673.3</b>	<b>602.7</b>	<b>564.0</b>	<b>533.0</b>	<b>480.3</b>
Non Spinnaker	<b>968.2</b>	<b>776.6</b>	<b>673.1</b>	<b>613.1</b>	<b>576.4</b>	<b>552.4</b>	<b>521.0</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>42.2°</b>	<b>40.7°</b>	<b>39.7°</b>	<b>38.3°</b>	<b>37.8°</b>	<b>37.8°</b>	<b>38.5°</b>
Beat VMG	<b>3.25</b>	<b>3.93</b>	<b>4.45</b>	<b>4.70</b>	<b>4.78</b>	<b>4.80</b>	<b>4.86</b>
52°	<b>4.94</b>	<b>5.85</b>	<b>6.40</b>	<b>6.62</b>	<b>6.70</b>	<b>6.74</b>	<b>6.82</b>
60°	<b>5.21</b>	<b>6.10</b>	<b>6.57</b>	<b>6.78</b>	<b>6.90</b>	<b>6.95</b>	<b>7.02</b>
75°	<b>5.43</b>	<b>6.28</b>	<b>6.70</b>	<b>6.96</b>	<b>7.17</b>	<b>7.33</b>	<b>7.44</b>
90°	<b>5.64</b>	<b>6.53</b>	<b>6.85</b>	<b>7.01</b>	<b>7.30</b>	<b>7.58</b>	<b>7.98</b>
110°	<b>5.70</b>	<b>6.63</b>	<b>7.08</b>	<b>7.48</b>	<b>7.75</b>	<b>7.95</b>	<b>8.41</b>
120°	<b>5.54</b>	<b>6.53</b>	<b>7.02</b>	<b>7.50</b>	<b>7.99</b>	<b>8.38</b>	<b>8.95</b>
135°	<b>4.96</b>	<b>6.09</b>	<b>6.75</b>	<b>7.18</b>	<b>7.69</b>	<b>8.25</b>	<b>9.76</b>
150°	<b>4.20</b>	<b>5.26</b>	<b>6.14</b>	<b>6.76</b>	<b>7.17</b>	<b>7.63</b>	<b>8.73</b>
Run VMG	<b>3.64</b>	<b>4.55</b>	<b>5.32</b>	<b>6.01</b>	<b>6.58</b>	<b>6.99</b>	<b>7.84</b>
Gybe Angles	<b>144.8°</b>	<b>147.9°</b>	<b>149.0°</b>	<b>159.5°</b>	<b>180.0°</b>	<b>180.0°</b>	<b>180.0°</b>