



World Leader in Rating Technology

**2016  
ORC Club  
Certificate**

**Rating Office**

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



**Certificate**

Number **007/16**  
Issued On **14.4.2016**.  
ORC Ref **HUN00062417**  
VPP Ver. **2016 1.01**  
Valid until **31.12.2016**.

**Crew Weight**

Declared **500kg**  
Default\* **578kg**  
Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
Non Spin GPH **663.5 0.9043**  
Non Spin OSN **645.2 0.9299**  
N/S Perf. Line **30.7 0.619**

**Sails Limitations**

Headsails **1** Spinnakers **3**

**Spinnaker configuration**

Symmetric: **Yes 113.75**  
Asymmetric: **No**  
Flying H/S: **Yes 50.10**  
Spin. Pole: **Yes**

**Class Division Length**

CDL = **8.545**

**Stability**

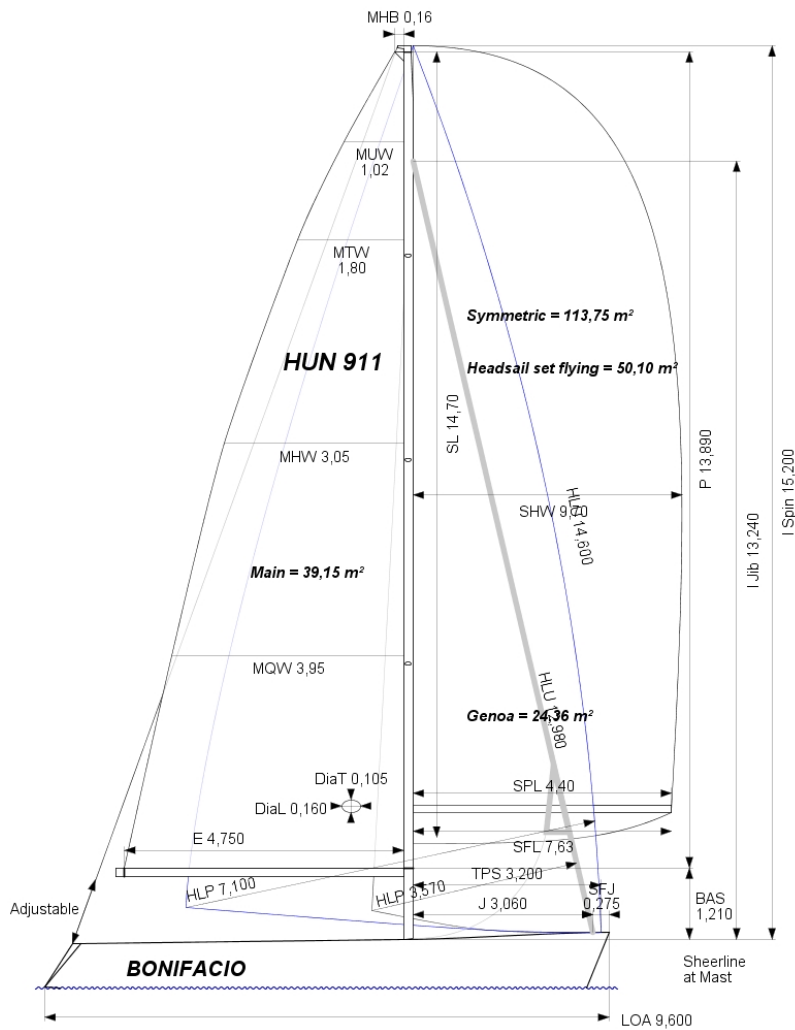
LPS (Estimated): **117.9°**  
Stability Index: **117.6**  
OSR Category: **N/A**

**Owner**

**Dr Ganczer Péter**  
Vasvári u. 39  
7100 Szekszárd  
HUNGARY

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

Signature



<b>BOAT</b>		<b>GPH</b>		<b>HULL</b>			
Name <b>Bonifacio</b> Sail Nr <b>HUN 911</b>		<b>613.5</b>		Data File <b>HUN911..dxt</b>	LOA <b>9.600m</b>		
				Offset File <b>scholtz32.off</b>	MB <b>3.064m</b>		
				Displacement <b>3,712kg</b>	Draft <b>1.946m</b>		
<b>CLASS</b>				IMS Division <b>Performance</b>	Dynamic All. <b>0.000%</b>		
Class <b>Scholtz 32</b>				Fwd Accom. <b>Yes</b>	Construction <b>Solid</b>		
Designer <b>Scholtz I</b>				Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
Builder <b>Style Yacht Ltd.</b>				Crew Arm Ex	Carbon Rudder <b>No</b>		
Series <b>01.2004, CIN HU-SJHS32002E50</b>					Light Stanchions <b>No</b>		
Age Date <b>01.2010</b>				IMSL <b>8.832m</b>	VCGD <b>-0.210m</b>	Sink <b>15.66kg/mm</b>	
Age Allowance <b>0.390%</b>				RL <b>8.257m</b>	VCGM <b>-0.180m</b>	WS <b>20.45m2</b>	
<b>COMMENTS</b>				LSM0 <b>8.848m</b>	Displacement/Length ratio <b>5.3589</b>		
				Water Ballast <b>0</b> Trim Tab <b>No</b>			
<b>PROPELLER</b>				<b>CENTERBOARD</b>			
Installation <b>Strut</b>		PRD <b>0.400</b>					
Type <b>Feathering 3 blades</b>		PBW <b>0.100</b>					
		PIPA <b>0.0040</b>					
		<b>N/A</b>					
<b>SCORING OPTIONS</b>							
	<b>OFFSHORE</b>			<b>INSHORE</b>			
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>			
Time On Distance	<b>602.0</b>			<b>670.9</b>			
Time On Time	<b>0.9967</b>			<b>1.0061</b>			
Performance Line	PLT	PLD		PLT	PLD		
	<b>0.746</b>	<b>81.2</b>		<b>1.042</b>	<b>333.3</b>		
Triple Number	Low	Medium	High	Low	Medium	High	
	<b>0.9943</b>	<b>1.2225</b>	<b>1.3620</b>	<b>0.7675</b>	<b>1.0003</b>	<b>1.1363</b>	



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# 2016

## ORC Club Certificate Appendix

BOAT	
Name <b>Bonifacio</b>	Certificate Number <b>007/16</b>
Sail Nr <b>HUN 911</b>	Issued On <b>14.4.2016.</b>

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1010.4</b>	<b>849.2</b>	<b>776.0</b>	<b>734.9</b>	<b>715.8</b>	<b>705.7</b>	<b>693.8</b>
52°	<b>649.9</b>	<b>557.5</b>	<b>532.3</b>	<b>520.5</b>	<b>513.3</b>	<b>509.2</b>	<b>501.4</b>
60°	<b>601.5</b>	<b>534.1</b>	<b>515.6</b>	<b>505.6</b>	<b>498.4</b>	<b>493.3</b>	<b>485.6</b>
75°	<b>561.4</b>	<b>515.7</b>	<b>494.9</b>	<b>482.2</b>	<b>473.2</b>	<b>464.7</b>	<b>455.2</b>
90°	<b>555.8</b>	<b>515.0</b>	<b>490.3</b>	<b>467.9</b>	<b>451.5</b>	<b>441.8</b>	<b>426.2</b>
110°	<b>599.7</b>	<b>523.5</b>	<b>492.8</b>	<b>473.9</b>	<b>451.5</b>	<b>428.3</b>	<b>396.3</b>
120°	<b>614.2</b>	<b>529.7</b>	<b>494.9</b>	<b>462.9</b>	<b>444.0</b>	<b>428.3</b>	<b>387.3</b>
135°	<b>675.6</b>	<b>558.0</b>	<b>513.7</b>	<b>482.7</b>	<b>450.4</b>	<b>418.8</b>	<b>365.4</b>
150°	<b>792.9</b>	<b>643.1</b>	<b>554.4</b>	<b>512.8</b>	<b>484.1</b>	<b>454.4</b>	<b>396.8</b>
Run VMG	<b>915.6</b>	<b>742.5</b>	<b>636.2</b>	<b>571.9</b>	<b>526.6</b>	<b>497.7</b>	<b>442.7</b>

Selected Courses							
Windward / Leeward	<b>963.0</b>	<b>795.9</b>	<b>706.1</b>	<b>653.4</b>	<b>621.2</b>	<b>601.7</b>	<b>568.3</b>
Circular Random	<b>821.6</b>	<b>674.3</b>	<b>597.2</b>	<b>552.7</b>	<b>524.5</b>	<b>504.4</b>	<b>474.6</b>
Ocean for PCS	<b>1010.8</b>	<b>792.1</b>	<b>670.2</b>	<b>595.8</b>	<b>546.6</b>	<b>510.8</b>	<b>456.4</b>
Non Spinnaker	<b>918.3</b>	<b>739.7</b>	<b>643.5</b>	<b>587.2</b>	<b>552.1</b>	<b>528.7</b>	<b>498.2</b>

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>44.3°</b>	<b>43.9°</b>	<b>41.1°</b>	<b>38.8°</b>	<b>37.7°</b>	<b>37.5°</b>	<b>37.3°</b>
Beat VMG	<b>3.56</b>	<b>4.24</b>	<b>4.64</b>	<b>4.90</b>	<b>5.03</b>	<b>5.10</b>	<b>5.19</b>
52°	<b>5.54</b>	<b>6.46</b>	<b>6.76</b>	<b>6.92</b>	<b>7.01</b>	<b>7.07</b>	<b>7.18</b>
60°	<b>5.98</b>	<b>6.74</b>	<b>6.98</b>	<b>7.12</b>	<b>7.22</b>	<b>7.30</b>	<b>7.41</b>
75°	<b>6.41</b>	<b>6.98</b>	<b>7.27</b>	<b>7.47</b>	<b>7.61</b>	<b>7.75</b>	<b>7.91</b>
90°	<b>6.48</b>	<b>6.99</b>	<b>7.34</b>	<b>7.69</b>	<b>7.97</b>	<b>8.15</b>	<b>8.45</b>
110°	<b>6.00</b>	<b>6.88</b>	<b>7.31</b>	<b>7.60</b>	<b>7.97</b>	<b>8.41</b>	<b>9.08</b>
120°	<b>5.86</b>	<b>6.80</b>	<b>7.27</b>	<b>7.78</b>	<b>8.11</b>	<b>8.41</b>	<b>9.30</b>
135°	<b>5.33</b>	<b>6.45</b>	<b>7.01</b>	<b>7.46</b>	<b>7.99</b>	<b>8.60</b>	<b>9.85</b>
150°	<b>4.54</b>	<b>5.60</b>	<b>6.49</b>	<b>7.02</b>	<b>7.44</b>	<b>7.92</b>	<b>9.07</b>
Run VMG	<b>3.93</b>	<b>4.85</b>	<b>5.66</b>	<b>6.30</b>	<b>6.84</b>	<b>7.23</b>	<b>8.13</b>
Gybe Angles	<b>142.4°</b>	<b>148.5°</b>	<b>153.1°</b>	<b>163.0°</b>	<b>180.0°</b>	<b>180.0°</b>	<b>180.0°</b>