



World Leader in Rating Technology

## 2016 ORC Club Certificate

### Rating Office

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



### Certificate

Number **028/16**  
Issued On **13.5.2016.**  
ORC Ref **HUN00062977**  
VPP Ver. **2016 1.01**  
Valid until **31.12.2016.**

### Crew Weight

Declared **350kg**  
Default\* **814kg**  
Non Manual Pwr

### Special Scoring

ToD ToT  
Non Spin GPH **683.2 0.8782**  
Non Spin OSN **661.4 0.9072**  
N/S Perf. Line **-41.1 0.504**

### Sails Limitations

Headsails **1** Spinnakers **3**  
**Dacron Sails**

**Spinnaker configuration**  
Symmetric: **Yes 79.84**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

### Class Division Length

CDL = **9.594**

### Stability

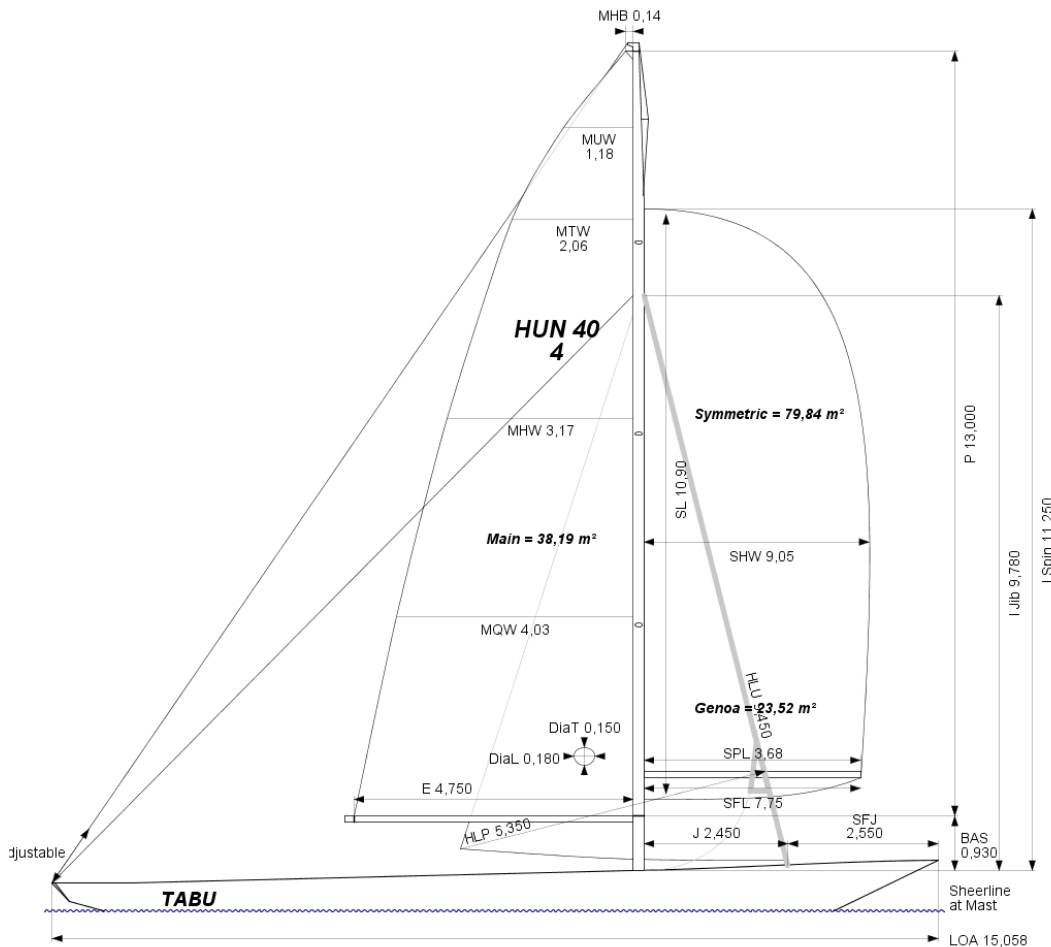
LPS (Estimated): **118.0°**  
Stability Index: **125.2**  
OSR Category: **N/A**

### Owner

Dr Lajos Kollár  
Jakabhegyi út 26  
7635 Pécs  
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>Tabu</b> Sail Nr <b>HUN 40-4</b>		<b>645.8</b>		Data File <b>HUN 40-4.dxt</b>	LOA <b>15.058m</b>		
				Offset File <b>tabu.off</b>	MB <b>2.358m</b>		
				Displacement <b>6,502kg</b>	Draft <b>1.754m</b>		
<b>CLASS</b>		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.430%</b>					
Class <b>40 Skerry Cruiser</b>		Fwd Accom. <b>Yes</b> Construction <b>Solid</b>					
Designer <b>Jenő Benacsek</b>		Fiber Rigging <b>No</b> Aramid Core <b>No</b>					
Builder <b>Balatonfüred SY</b>		Crew Arm Ex Carbon Rudder <b>No</b>					
Series <b>01.1942</b>		Light Stanchions <b>No</b>					
Age Date <b>01.1942</b>		IMSL <b>12.076m</b>		VCGD <b>-0.236m</b>	Sink <b>18.52kg/mm</b>		
Age Allowance <b>0.487%</b>		RL <b>7.112m</b>		VCGM <b>-0.180m</b>	WS <b>29.32m2</b>		
		LSM0 <b>11.244m</b>		Displacement/Length ratio <b>4.5739</b>			
<b>COMMENTS</b>		Water Ballast <b>0</b> Trim Tab <b>No</b>					
<b>PROPELLER</b>		<b>CENTERBOARD</b>					
Installation <b>Strut</b>	PRD <b>0.390</b>	N/A					
Type <b>Folding 3 blades</b>	PBW <b>0.100</b>						
	PIPA <b>0.0038</b>						
<b>SCORING OPTIONS</b>							
	<b>OFFSHORE</b>			<b>INSHORE</b>			
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time On Distance	<b>625.7</b>			<b>716.5</b>			
Time On Time	<b>0.9590</b>			<b>0.9421</b>			
Performance Line	PLT	PLD		PLT	PLD		
	<b>0.565</b>	<b>-18.2</b>		<b>0.671</b>	<b>112.4</b>		
Triple Number	Low	Medium	High	Low	Medium	High	
	<b>0.8608</b>	<b>1.2065</b>	<b>1.3893</b>	<b>0.6472</b>	<b>0.9353</b>	<b>1.1183</b>	



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## ORC Club Certificate Appendix

<b>BOAT</b>	
Name <b>Tabu</b>	Certificate Number <b>028/16</b>
Sail Nr <b>HUN 40-4</b>	Issued On <b>13.5.2016.</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1240.9</b>	<b>986.3</b>	<b>852.8</b>	<b>791.8</b>	<b>759.1</b>	<b>738.3</b>	<b>727.9</b>
52°	<b>785.3</b>	<b>629.0</b>	<b>544.1</b>	<b>507.1</b>	<b>488.8</b>	<b>478.5</b>	<b>473.7</b>
60°	<b>721.3</b>	<b>580.8</b>	<b>502.7</b>	<b>471.3</b>	<b>458.4</b>	<b>451.5</b>	<b>445.6</b>
75°	<b>668.5</b>	<b>540.1</b>	<b>470.3</b>	<b>442.3</b>	<b>431.1</b>	<b>425.1</b>	<b>419.2</b>
90°	<b>663.7</b>	<b>528.9</b>	<b>469.8</b>	<b>439.9</b>	<b>421.9</b>	<b>409.6</b>	<b>398.2</b>
110°	<b>659.0</b>	<b>521.6</b>	<b>453.8</b>	<b>434.4</b>	<b>422.4</b>	<b>411.5</b>	<b>389.0</b>
120°	<b>689.6</b>	<b>540.3</b>	<b>463.1</b>	<b>430.1</b>	<b>412.0</b>	<b>399.8</b>	<b>378.7</b>
135°	<b>798.5</b>	<b>613.7</b>	<b>504.2</b>	<b>451.7</b>	<b>425.3</b>	<b>402.3</b>	<b>357.1</b>
150°	<b>952.7</b>	<b>731.2</b>	<b>593.2</b>	<b>504.8</b>	<b>455.9</b>	<b>429.7</b>	<b>386.5</b>
Run VMG	<b>1100.1</b>	<b>844.3</b>	<b>685.0</b>	<b>582.8</b>	<b>520.8</b>	<b>477.1</b>	<b>422.4</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1170.5</b>	<b>915.3</b>	<b>768.9</b>	<b>687.3</b>	<b>639.9</b>	<b>607.7</b>	<b>575.2</b>
Circular Random	<b>928.7</b>	<b>731.5</b>	<b>623.4</b>	<b>560.0</b>	<b>521.5</b>	<b>497.1</b>	<b>468.2</b>
Ocean for PCS	<b>1156.4</b>	<b>869.8</b>	<b>706.6</b>	<b>606.7</b>	<b>542.3</b>	<b>498.4</b>	<b>440.4</b>
Non Spinnaker	<b>994.9</b>	<b>779.3</b>	<b>659.2</b>	<b>587.2</b>	<b>542.0</b>	<b>512.8</b>	<b>478.5</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>46.0°</b>	<b>45.1°</b>	<b>45.0°</b>	<b>44.5°</b>	<b>44.1°</b>	<b>43.8°</b>	<b>44.1°</b>
Beat VMG	<b>2.90</b>	<b>3.65</b>	<b>4.22</b>	<b>4.55</b>	<b>4.74</b>	<b>4.88</b>	<b>4.95</b>
52°	<b>4.58</b>	<b>5.72</b>	<b>6.62</b>	<b>7.10</b>	<b>7.36</b>	<b>7.52</b>	<b>7.60</b>
60°	<b>4.99</b>	<b>6.20</b>	<b>7.16</b>	<b>7.64</b>	<b>7.85</b>	<b>7.97</b>	<b>8.08</b>
75°	<b>5.39</b>	<b>6.67</b>	<b>7.65</b>	<b>8.14</b>	<b>8.35</b>	<b>8.47</b>	<b>8.59</b>
90°	<b>5.42</b>	<b>6.81</b>	<b>7.66</b>	<b>8.18</b>	<b>8.53</b>	<b>8.79</b>	<b>9.04</b>
110°	<b>5.46</b>	<b>6.90</b>	<b>7.93</b>	<b>8.29</b>	<b>8.52</b>	<b>8.75</b>	<b>9.25</b>
120°	<b>5.22</b>	<b>6.66</b>	<b>7.77</b>	<b>8.37</b>	<b>8.74</b>	<b>9.00</b>	<b>9.51</b>
135°	<b>4.51</b>	<b>5.87</b>	<b>7.14</b>	<b>7.97</b>	<b>8.46</b>	<b>8.95</b>	<b>10.08</b>
150°	<b>3.78</b>	<b>4.92</b>	<b>6.07</b>	<b>7.13</b>	<b>7.90</b>	<b>8.38</b>	<b>9.32</b>
Run VMG	<b>3.27</b>	<b>4.26</b>	<b>5.26</b>	<b>6.18</b>	<b>6.91</b>	<b>7.54</b>	<b>8.52</b>
Gybe Angles	<b>144.3°</b>	<b>147.4°</b>	<b>144.4°</b>	<b>150.2°</b>	<b>155.9°</b>	<b>171.3°</b>	<b>180.0°</b>