



**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 **024/19**  
Issued On **08/07/2019**  
ORC Ref **HUN10025892**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 613kg  
Maximum **640kg**  
Minimum\* **480kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>608.7</b>	<b>0.9857</b>
Double H.OSN	<b>599.7</b>	<b>1.0006</b>
Non Spin GPH	<b>635.0</b>	<b>0.9449</b>
Non Spin OSN	<b>618.6</b>	<b>0.9699</b>

**Sails Limitations**

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

**Spinnaker configuration**

Symmetric: **Yes 92.19**  
Asymmetric: **No**  
Flying H/S: **Yes 83.25**  
Spin. Pole: **Yes**

**Class Division Length**

CDL = **9.145**

**Stability (Estimated)**

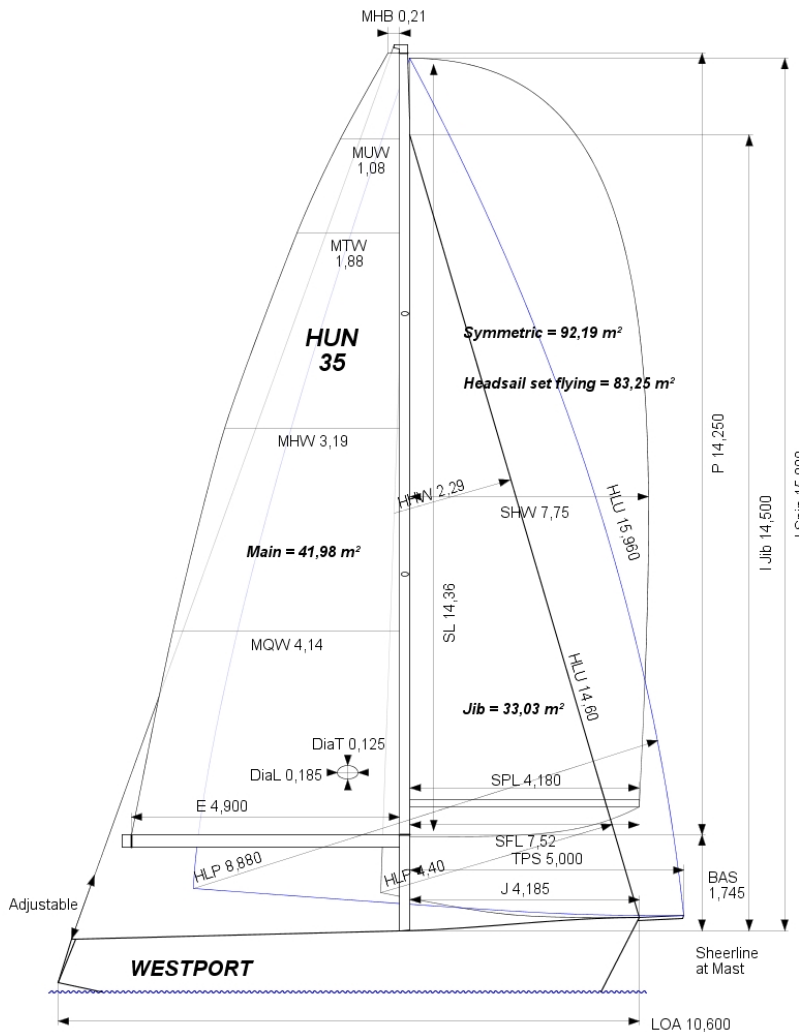
Limit Positive Stab.: **124.0°**  
Stability Index: **124.8**

**Owner**

Tibor Bednár  
1111 Budapest  
Bartok Bela ut 10-11  
HUNGARY

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

Signature



BOAT		GPH		HULL		
Name	<b>Westport</b>		<b>598.4</b>	Data File	<b>HUN35</b> LOA <b>10.600m</b>	
Sail Nr	<b>HUN-35</b>			Offset File	<b>x35SD.off</b> MB <b>3.250m</b>	
				Displacement	<b>4 526kg</b> Draft <b>1.863m</b>	
<b>CLASS</b>						
Class	<b>X-35 OD</b>					
Designer	<b>JEPPESEN</b>					
Builder	<b>X-YACHTS</b>					
Series	<b>09/2005</b>					
Age Date	<b>09/2005</b>					
Age Allowance	<b>0.455%</b>					
<b>COMMENTS</b>						
<b>PROPELLER</b>		<b>CENTERBOARD</b>				
Installation	<b>Strut</b>	PRD	<b>0.420</b>	Water Ballast <b>0</b> Trim Tab <b>No</b>		
Type	<b>Folding 2 blades</b>	PBW	<b>0.128</b>	BLR Index <b>0.0000</b>		
		PIPA	<b>0.0033</b>			
		<b>N/A</b>				
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>588.1</b>			<b>658.0</b>		
Time on Time	<b>1.0203</b>			<b>1.0258</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>667.3</b>	<b>536.1</b>	<b>484.3</b>	<b>875.1</b>	<b>659.3</b>	<b>583.6</b>
Time on Time	<b>1.0115</b>	<b>1.2591</b>	<b>1.3938</b>	<b>0.7713</b>	<b>1.0238</b>	<b>1.1566</b>

# 2019

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name <b>Westport</b>	Certificate Number <b>024/19</b>
Sail Nr <b>HUN-35</b>	Issued On <b>08/07/2019</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>992.5</b>	<b>823.5</b>	<b>737.7</b>	<b>710.1</b>	<b>699.1</b>	<b>691.6</b>	<b>688.7</b>
52°	<b>651.0</b>	<b>552.1</b>	<b>513.5</b>	<b>501.2</b>	<b>496.2</b>	<b>494.0</b>	<b>487.4</b>
60°	<b>606.1</b>	<b>530.5</b>	<b>501.2</b>	<b>488.0</b>	<b>482.4</b>	<b>479.4</b>	<b>471.2</b>
75°	<b>543.5</b>	<b>499.2</b>	<b>484.3</b>	<b>473.4</b>	<b>460.8</b>	<b>454.3</b>	<b>449.2</b>
90°	<b>525.3</b>	<b>485.4</b>	<b>464.5</b>	<b>451.4</b>	<b>441.4</b>	<b>434.0</b>	<b>417.6</b>
110°	<b>545.5</b>	<b>498.7</b>	<b>471.7</b>	<b>442.0</b>	<b>420.6</b>	<b>403.6</b>	<b>383.4</b>
120°	<b>588.4</b>	<b>513.7</b>	<b>480.1</b>	<b>452.6</b>	<b>425.2</b>	<b>400.0</b>	<b>370.3</b>
135°	<b>682.0</b>	<b>559.5</b>	<b>503.3</b>	<b>473.5</b>	<b>444.8</b>	<b>417.3</b>	<b>359.6</b>
150°	<b>810.5</b>	<b>648.3</b>	<b>552.2</b>	<b>502.7</b>	<b>474.7</b>	<b>448.0</b>	<b>397.2</b>
Run VMG	<b>935.9</b>	<b>748.5</b>	<b>635.8</b>	<b>567.1</b>	<b>517.1</b>	<b>485.9</b>	<b>435.6</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>964.2</b>	<b>786.0</b>	<b>686.7</b>	<b>638.6</b>	<b>608.1</b>	<b>588.8</b>	<b>562.1</b>
Circular Random	<b>805.5</b>	<b>658.8</b>	<b>581.9</b>	<b>538.0</b>	<b>511.0</b>	<b>492.6</b>	<b>466.9</b>
Coastal / Long Distance	<b>961.4</b>	<b>737.7</b>	<b>621.2</b>	<b>559.7</b>	<b>524.6</b>	<b>495.1</b>	<b>446.0</b>
Non Spinnaker	<b>875.2</b>	<b>706.2</b>	<b>615.9</b>	<b>563.8</b>	<b>531.9</b>	<b>510.8</b>	<b>483.3</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>42.6°</b>	<b>41.6°</b>	<b>39.9°</b>	<b>38.6°</b>	<b>38.7°</b>	<b>38.5°</b>	<b>39.4°</b>
Beat VMG	<b>3.63</b>	<b>4.37</b>	<b>4.88</b>	<b>5.07</b>	<b>5.15</b>	<b>5.21</b>	<b>5.23</b>
52°	<b>5.53</b>	<b>6.52</b>	<b>7.01</b>	<b>7.18</b>	<b>7.25</b>	<b>7.29</b>	<b>7.39</b>
60°	<b>5.94</b>	<b>6.79</b>	<b>7.18</b>	<b>7.38</b>	<b>7.46</b>	<b>7.51</b>	<b>7.64</b>
75°	<b>6.62</b>	<b>7.21</b>	<b>7.43</b>	<b>7.60</b>	<b>7.81</b>	<b>7.92</b>	<b>8.01</b>
90°	<b>6.85</b>	<b>7.42</b>	<b>7.75</b>	<b>7.98</b>	<b>8.16</b>	<b>8.29</b>	<b>8.62</b>
110°	<b>6.60</b>	<b>7.22</b>	<b>7.63</b>	<b>8.15</b>	<b>8.56</b>	<b>8.92</b>	<b>9.39</b>
120°	<b>6.12</b>	<b>7.01</b>	<b>7.50</b>	<b>7.95</b>	<b>8.47</b>	<b>9.00</b>	<b>9.72</b>
135°	<b>5.28</b>	<b>6.43</b>	<b>7.15</b>	<b>7.60</b>	<b>8.09</b>	<b>8.63</b>	<b>10.01</b>
150°	<b>4.44</b>	<b>5.55</b>	<b>6.52</b>	<b>7.16</b>	<b>7.58</b>	<b>8.04</b>	<b>9.06</b>
Run VMG	<b>3.85</b>	<b>4.81</b>	<b>5.66</b>	<b>6.35</b>	<b>6.96</b>	<b>7.41</b>	<b>8.26</b>
Gybe Angles	<b>144.5°</b>	<b>148.4°</b>	<b>152.0°</b>	<b>159.6°</b>	<b>180.0°</b>	<b>180.0°</b>	<b>180.0°</b>