



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

**2019  
ORC Club  
Certificate**

**Rating Office**

**EYU  
Purje 8  
11911, Tallinn  
Estonia**

**Certificate**

Number **EST533**  
Issued On **6/20/2019**  
ORC Ref **EST0000687**  
VPP Ver. **2019 1.01**  
Valid until **12/31/2019**

**Crew Weight**

Default 651kg  
Maximum **630kg**  
Minimum\* **473kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>647.4</b>	<b>0.9268</b>
Double H.OSN	<b>628.6</b>	<b>0.9544</b>
Non Spin GPH	<b>677.7</b>	<b>0.8853</b>
Non Spin OSN	<b>654.9</b>	<b>0.9161</b>

**Sails Limitations**

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

**Spinnaker configuration**

Symmetric: **Yes 88.44**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

**Class Division Length**

**CDL = 8.966**

**Stability (Measured)**

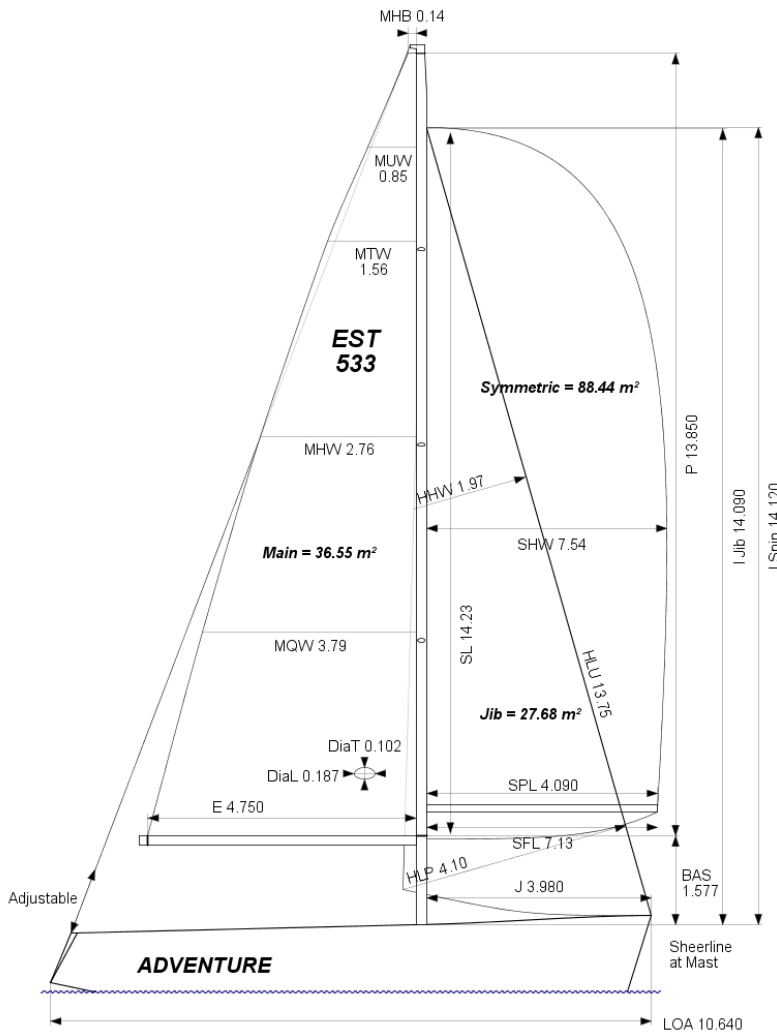
Limit Positive Stab.: **111.7°**  
Stability Index: **114.3**

**Owner**

**OÜ KORKVENDER**  
Esplanaadi 25  
Pärnu, Estonia  
Pärnu JK

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

Signature



BOAT		GPH		HULL		
Name	<b>ADVENTURE</b>			Data File	<b>Est0533</b>	
Sail Nr	<b>EST 533</b>			Offset File	<b>F196.BOF</b>	
		<b>640.7</b>		Displacement	<b>5,886kg</b>	
				LOA	<b>10.640m</b>	
				MB	<b>3.458m</b>	
				Draft	<b>2.238m</b>	
<b>CLASS</b>				IMS Division	<b>Cruiser/Racer</b>	
Class	<b>First 36.7</b>			Dynamic All.	<b>0.238%</b>	
Designer	<b>B.Farr</b>			Fwd Accom.	<b>Yes</b>	
Builder	<b>Beneteau S.A.</b>			Construction	<b>Solid</b>	
Series	<b>01/2001</b>			Fiber Rigging	<b>No</b>	
Age Date	<b>05/2001</b>			Aramid Core	<b>No</b>	
Age Allowance	<b>0.487%</b>			Carbon Rudder	<b>No</b>	
				Light Stanchions		
<b>COMMENTS</b>				IMSL	<b>9.654m</b>	
				VCGD	<b>0.164m</b>	
				Sink	<b>19.62kg/mm</b>	
				RL	<b>8.277m</b>	
				VCGM	<b>0.138m</b>	
				WS	<b>25.61m²</b>	
				LSM0	<b>9.615m</b>	
				Displacement/Length ratio	<b>6.6217</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>0.410</b>			
Type	<b>Folding 2 blades</b>	PIPA	<b>0.0027</b>	<b>N/A</b>		
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>620.9</b>			<b>690.3</b>		
Time on Time	<b>0.9663</b>			<b>0.9778</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>739.2</b>	<b>566.3</b>	<b>503.4</b>	<b>953.5</b>	<b>695.8</b>	<b>597.6</b>
Time on Time	<b>0.9131</b>	<b>1.1920</b>	<b>1.3409</b>	<b>0.7079</b>	<b>0.9701</b>	<b>1.1295</b>

<b>BOAT</b>	
Name <b>ADVENTURE</b>	Sail Nr <b>EST 533</b>
File <b>Est0533</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>					
Inclining Test <b>Current Inclining</b>					
Flotation date <b>21/06/2010</b>				SG <b>1.0020</b>	
FFM	<b>1.318</b>	FF	<b>1.333</b>	SFFP	<b>0.367</b>
FAM	<b>1.037</b>	FA	<b>1.040</b>	SAFP	<b>10.162</b>
W1	<b>64.0</b>	PD1	<b>422.8</b>	WD	<b>11.180</b>
W2	<b>64.0</b>	PD2	<b>428.2</b>	GSA	<b>1.0</b>
W3	<b>64.0</b>	PD3	<b>426.8</b>	RSA	<b>1.0</b>
W4	<b>64.0</b>	PD4	<b>430.8</b>	PLM	<b>9000.0</b>
LCF from stem on CL / on sheer				<b>5.900 / 6.128</b>	
Maximum beam station from stem				<b>6.980</b>	
RM Measured				<b>131.9kg·m</b>	
RM Default				<b>139.2kg·m</b>	
Limit of positive stability / Stab.Index				<b>111.7° / 114.3</b>	
Freeboard at mast at 3.980				<b>1.182</b>	



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**2019**  
**Measurements**  
**Datasheet**

<b>RIG</b>					
Forestay Tension	<b>Aft</b>	Spreaders	<b>3</b>		
Inner Stay	<b>None Fitted</b>	Runners	<b>0</b>		
Carbon Mast	<b>No</b>	Jumper Struts	<b>None</b>		
Taper Hollows	<b>No</b>	Jib Furler	<b>No</b>		
Fiber Rigging	<b>No</b>	Main Furler	<b>No</b>		
Lenticular Rigging	<b>No</b>	Without Backstay	<b>No</b>		
Articulated Bowsprit	<b>No</b>				
P	<b>13.850</b>	E	<b>4.750</b>	MDT1	<b>0.102</b>
IG	<b>14.090</b>	J	<b>3.980</b>	MDL1	<b>0.187</b>
ISP	<b>14.120</b>	SFJ	<b>0.000</b>	MDT2	<b>0.102</b>
BAS	<b>1.577</b>	SPL	<b>4.090</b>	MDL2	<b>0.150</b>
FSP	<b>0.068</b>	TPS		MWT	<b>165.00</b>
		TL	<b>0.720</b>	MCG	<b>5.130</b>

<b>MIZZEN RIG AND SAILS</b>	
N/A	

<b>PROPELLER</b>			
Installation	<b>Strut</b>	PRD	<b>0.410</b>
Type	<b>Folding 2 blades</b>	PBW	
Twin Screw	<b>No</b>	PIPA	<b>0.0027</b>
ST1	<b>0.042</b>	ST3	
ST2		ST4	<b>0.090</b>
		ST5	<b>0.280</b>
		EDL	<b>2.480</b>

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<b>COMMENTS</b>	

<b>MOVABLE BALLAST</b>	
N/A	

<b>CENTERBOARD</b>	
N/A	

<b>SAILS INVENTORY</b>																
<b>MAINSAIL (1)</b>																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.14	0.85	1.56	2.76	3.79	36.55	EST 5	08/07/2018		Unknown						
<b>HEADSAILS (1)</b>																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
2	0.09	0.52	0.99	1.97	2.99	4.10	13.75	103%	27.68			EST 5	08/07/2018		Unknown	
<b>SYMMETRIC SPINNAKERS (1)</b>																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	14.23	14.23	14.23	7.54	7.13	88.44	EST 5	08/07/2018		Unknown						
<b>ASYMMETRIC SPINNAKERS (0)</b>																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

<b>MEASUREMENT INVENTORY</b>				
Measurer <b>Veiko Rosme EST 2</b>				
Date <b>21/06/2010</b>				
Comment				
Id	Item	Weight	Distance	VCG Description
4	Anchor	45.0	0.50	
4	Tools	7.0	6.00	Toolbox
Id	Item	Maker	Model	
1	Engine	VolvoPenta	MD2030-DBT	
Id	Item	Weight	Description	

<b>MEASUREMENT INVENTORY</b>								
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condn	Description
1	Tank	Water	plastic	140.0	4.70		0-0	Fresh water tank,
2	Tank	Water	plastic	140.0	4.70		0-0	Fresh water tank,
3	Tank	Fuel	plastic	75.0	8.80		0-0	Diesel tank, center
Id	Item	Weight	Distance	VCG	Description			
1	Battery		7.00		2 batteries 75 Ah in engine box			
1	Misc		8.00		Water heater 23LI, portside			

# 2009

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name <b>ADVENTURE</b>	Certificate Number <b>EST533</b>
Sail Nr <b>EST 533</b>	Issued On <b>6/20/2019</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1095.0</b>	<b>911.0</b>	<b>802.7</b>	<b>734.0</b>	<b>706.0</b>	<b>697.6</b>	<b>694.9</b>
52°	<b>719.4</b>	<b>610.4</b>	<b>546.6</b>	<b>516.0</b>	<b>502.7</b>	<b>498.2</b>	<b>496.5</b>
60°	<b>682.1</b>	<b>581.5</b>	<b>529.1</b>	<b>504.4</b>	<b>491.3</b>	<b>485.1</b>	<b>482.1</b>
75°	<b>656.9</b>	<b>560.3</b>	<b>516.6</b>	<b>495.2</b>	<b>480.2</b>	<b>468.7</b>	<b>457.7</b>
90°	<b>652.6</b>	<b>545.3</b>	<b>500.8</b>	<b>483.6</b>	<b>476.3</b>	<b>462.2</b>	<b>437.0</b>
110°	<b>646.4</b>	<b>537.5</b>	<b>494.9</b>	<b>471.0</b>	<b>450.4</b>	<b>436.6</b>	<b>420.5</b>
120°	<b>666.4</b>	<b>550.0</b>	<b>500.7</b>	<b>475.2</b>	<b>452.6</b>	<b>430.8</b>	<b>401.2</b>
135°	<b>736.5</b>	<b>601.2</b>	<b>525.6</b>	<b>491.9</b>	<b>469.2</b>	<b>446.7</b>	<b>404.3</b>
150°	<b>872.0</b>	<b>694.0</b>	<b>588.3</b>	<b>523.7</b>	<b>492.9</b>	<b>471.5</b>	<b>430.1</b>
Run VMG	<b>1006.9</b>	<b>801.4</b>	<b>678.7</b>	<b>596.7</b>	<b>540.2</b>	<b>503.2</b>	<b>460.6</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>1050.9</b>	<b>856.2</b>	<b>740.7</b>	<b>665.3</b>	<b>623.1</b>	<b>600.4</b>	<b>577.8</b>
Circular Random	<b>885.6</b>	<b>714.0</b>	<b>621.4</b>	<b>567.4</b>	<b>534.4</b>	<b>513.3</b>	<b>488.3</b>
Coastal / Long Distance	<b>1046.5</b>	<b>803.5</b>	<b>667.0</b>	<b>583.6</b>	<b>542.7</b>	<b>513.1</b>	<b>466.8</b>
Non Spinnaker	<b>954.2</b>	<b>761.8</b>	<b>656.2</b>	<b>593.5</b>	<b>554.8</b>	<b>530.2</b>	<b>502.1</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>42.4°</b>	<b>40.7°</b>	<b>40.4°</b>	<b>39.2°</b>	<b>38.1°</b>	<b>37.8°</b>	<b>38.0°</b>
Beat VMG	<b>3.29</b>	<b>3.95</b>	<b>4.48</b>	<b>4.90</b>	<b>5.10</b>	<b>5.16</b>	<b>5.18</b>
52°	<b>5.00</b>	<b>5.90</b>	<b>6.59</b>	<b>6.98</b>	<b>7.16</b>	<b>7.23</b>	<b>7.25</b>
60°	<b>5.28</b>	<b>6.19</b>	<b>6.80</b>	<b>7.14</b>	<b>7.33</b>	<b>7.42</b>	<b>7.47</b>
75°	<b>5.48</b>	<b>6.43</b>	<b>6.97</b>	<b>7.27</b>	<b>7.50</b>	<b>7.68</b>	<b>7.87</b>
90°	<b>5.52</b>	<b>6.60</b>	<b>7.19</b>	<b>7.44</b>	<b>7.56</b>	<b>7.79</b>	<b>8.24</b>
110°	<b>5.57</b>	<b>6.70</b>	<b>7.27</b>	<b>7.64</b>	<b>7.99</b>	<b>8.25</b>	<b>8.56</b>
120°	<b>5.40</b>	<b>6.55</b>	<b>7.19</b>	<b>7.58</b>	<b>7.95</b>	<b>8.36</b>	<b>8.97</b>
135°	<b>4.89</b>	<b>5.99</b>	<b>6.85</b>	<b>7.32</b>	<b>7.67</b>	<b>8.06</b>	<b>8.90</b>
150°	<b>4.13</b>	<b>5.19</b>	<b>6.12</b>	<b>6.87</b>	<b>7.30</b>	<b>7.64</b>	<b>8.37</b>
Run VMG	<b>3.58</b>	<b>4.49</b>	<b>5.30</b>	<b>6.03</b>	<b>6.66</b>	<b>7.15</b>	<b>7.82</b>
Gybe Angles	<b>145.2°</b>	<b>149.9°</b>	<b>151.1°</b>	<b>157.0°</b>	<b>175.1°</b>	<b>179.9°</b>	<b>180.0°</b>