



World Leader in Rating Technology

## 2009 ORC Club Certificate

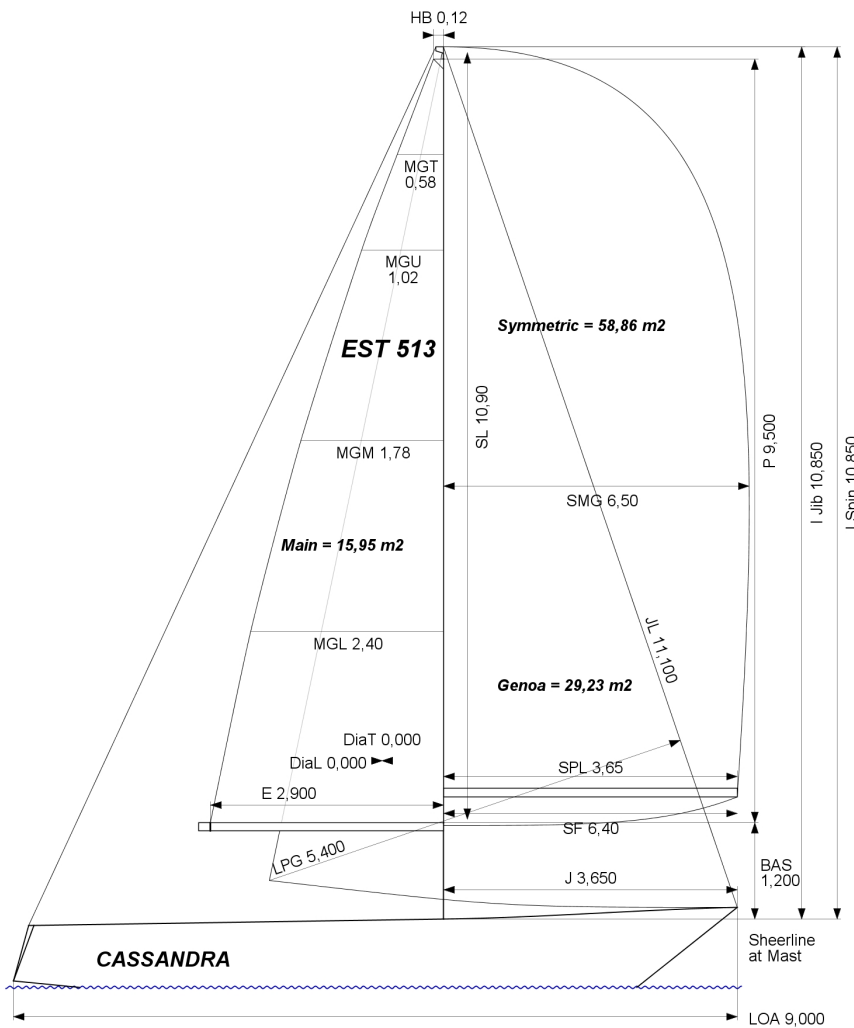
### Rating Office

Estonian Yachting Union  
Veiko Rosme  
Regati 1, 11911, Tallinn  
Estonia

### Certificate

Number **EST513**  
Issued On **6.05.2009**  
ORC Ref **EST00000127**  
VPP Ver. **1.11**  
Valid until **31.12.2009**

### Comments



<b>BOAT</b>		<b>GPH</b>		<b>HULL</b>	
Name <b>CASSANDRA</b> Sail Nr <b>EST 513</b>		<b>755,7</b>		Data File <b>EST0513.dxt</b>	LOA <b>9,000 m</b>
				Offset File <b>G1013.BOF</b>	MB <b>2,923 m</b>
				Displacement <b>3 600 kg</b>	Draft <b>1,573 m</b>
<b>CLASS</b>		IMS Regulations Division <b>Cruiser/Racer</b>			
Class <b>Möre 30 (Ballad30)</b>		Dynamic Allowance <b>1,006%</b>			
Designer		Forward Accommodation <b>Yes</b>			
Builder		Hull Construction <b>Solid</b>			
Series <b>07.1972</b>		Carbon Mast <b>No</b>			
Age Date		Carbon Rudder <b>No</b>			
Age Allowance <b>1,300%</b>		IMS L <b>7,258</b> Wetted Area <b>17,42 m²</b> VCGM <b>0,043</b>			
<b>HEAVY ITEMS</b>					
Bow Thruster	<b>No</b>	Generator	<b>No</b>	Air Condition	<b>No</b>
Windlass	<b>No</b>	Jib Furler	<b>No</b>	Desalinator	<b>No</b>
Heavy Deck	<b>No</b>	Main Furler	<b>No</b>		
Headliners	<b>No</b>	Water Heater	<b>No</b>		
Anchor Weight		Heavy Items Adjustment	<b>0,0000</b>		
Anchor LCG		Total Gyradius Adjustment	<b>0,0360</b>		
<b>PROPELLER</b>					
Installation <b>Out of Aperture</b>		PRD <b>0,310</b>			
Type <b>Solid 2 blades</b>					

### Crew Weight

Declared **540 kg**  
Default\* **441 kg**

### Special Scoring

ToD ToT  
Double **759,5 0,7899**  
Non Spinnaker **812,2 0,7388**

### Sails Limitations

Genoas **2** Spinnakers **3**  
Jibs **2**

### Spinnaker configuration

Symmetric: **Yes 58,86**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Estimated): **110,3°**  
Stability Index: **110,9**  
OSR Category: **2**

### Owner

MTÜ Barco Blanco  
Ojasoo 6-3, Kuressaare  
Estonia  
SMS

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

Signature

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	<b>755,7</b>			<b>845,7</b>	
Time On Time	<b>0,7940</b>			<b>0,7981</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0,687</b>	<b>97,3</b>		<b>0,779</b>	<b>255,0</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0,7688</b>	<b>1,0146</b>	<b>1,1477</b>	<b>0,5823</b>	<b>0,8190</b>	<b>0,9616</b>