



World Leader in Rating Technology

## 2009 ORC Club Certificate

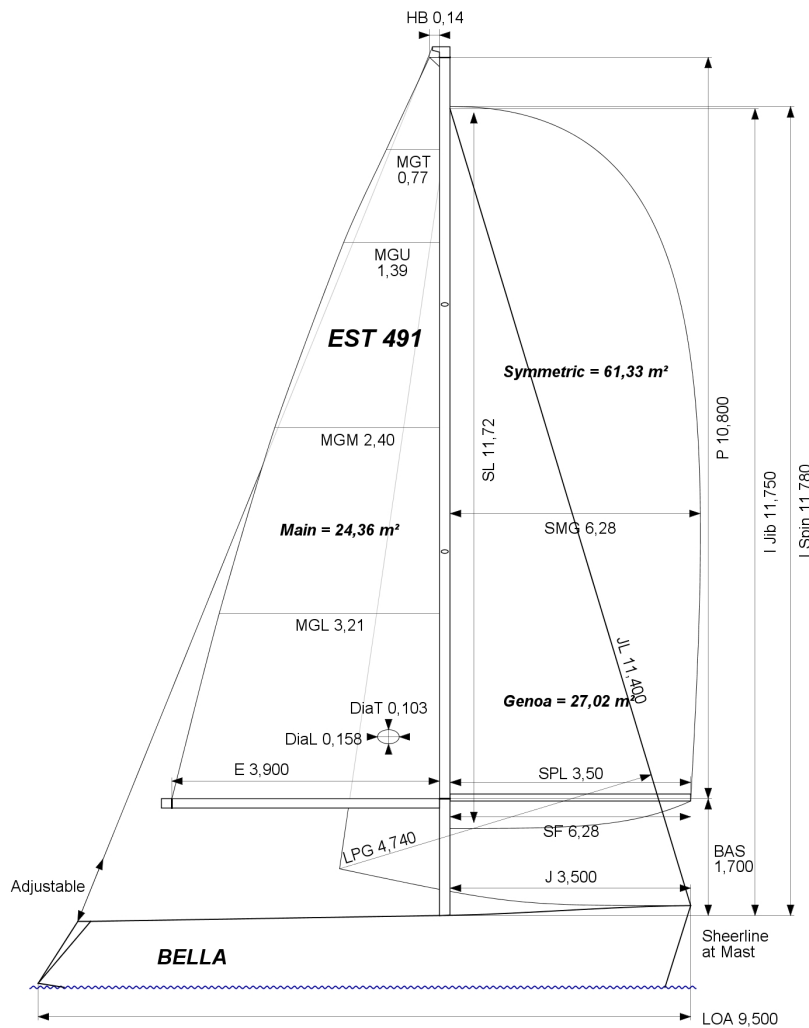
### Rating Office

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

### Certificate

Number **EST491**  
Issued On **7.06.2009**  
ORC Ref **EST00000346**  
VPP Ver. **1.11**  
Valid until **31.12.2009**

### Comments



### Comments

<b>BOAT</b>		<b>GPH</b>		<b>HULL</b>	
Name <b>BELLA</b> Sail Nr <b>EST 491</b>		<b>680,6</b>		Data File <b>Est0491.dxt</b>	LOA <b>9,500 m</b>
				Offset File <b>IFRST317.OFF</b>	MB <b>3,223 m</b>
				Displacement <b>3 800 kg</b>	Draft <b>1,919 m</b>
<b>CLASS</b>		IMS Regulations Division <b>Cruiser/Racer</b>			
Class <b>First 31.7</b>		Dynamic Allowance <b>0,644%</b>			
Designer <b>Farr</b>		Forward Accommodation <b>Yes</b>			
Builder <b>Beneteau S.A.</b>		Hull Construction <b>Solid</b>			
Series <b>02.1998</b>		Carbon Mast <b>No</b>			
Age Date <b>03.2007</b>		Carbon Rudder <b>No</b>			
Age Allowance <b>0,715%</b>		IMS L <b>9,068</b> Wetted Area <b>20,50 m<sup>2</sup></b> VCGM <b>-0,005</b>			
<b>HEAVY ITEMS</b>		<b>PROPELLER</b>			
Bow Thruster <b>No</b>	Generator <b>No</b>	Installation <b>Strut Drive</b>		PRD <b>0,410</b>	
Windlass <b>No</b>	Jib Furler <b>No</b>	Type <b>Folding</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>0,0340</b>				

### Crew Weight

Declared **400 kg**  
Default\* **574 kg**

### Special Scoring

ToD ToT  
Double **682,2 0,8795**  
Non Spinnaker **729,0 0,8230**

### Sails Limitations

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

### Spinnaker configuration

Symmetric: **Yes 61,33**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Measured): **117,7°**  
Stability Index: **116,1**  
OSR Category: **1**

### Owner

Rait Maruste  
Raadimõisa 10, Tartu  
Estonia  
Pärnu JK

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

Signature

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	<b>680,6</b>			<b>760,5</b>		
Time On Time	<b>0,8816</b>			<b>0,8875</b>		
Performance Line	<b>0,738</b>	<b>78,7</b>		<b>0,832</b>	<b>229,4</b>	
Triple Number	Low <b>0,8451</b>	Medium <b>1,1292</b>	High <b>1,2896</b>	Low <b>0,6415</b>	Medium <b>0,9038</b>	High <b>1,0704</b>