



World Leader in Rating Technology

## 2009 ORC Club Certificate

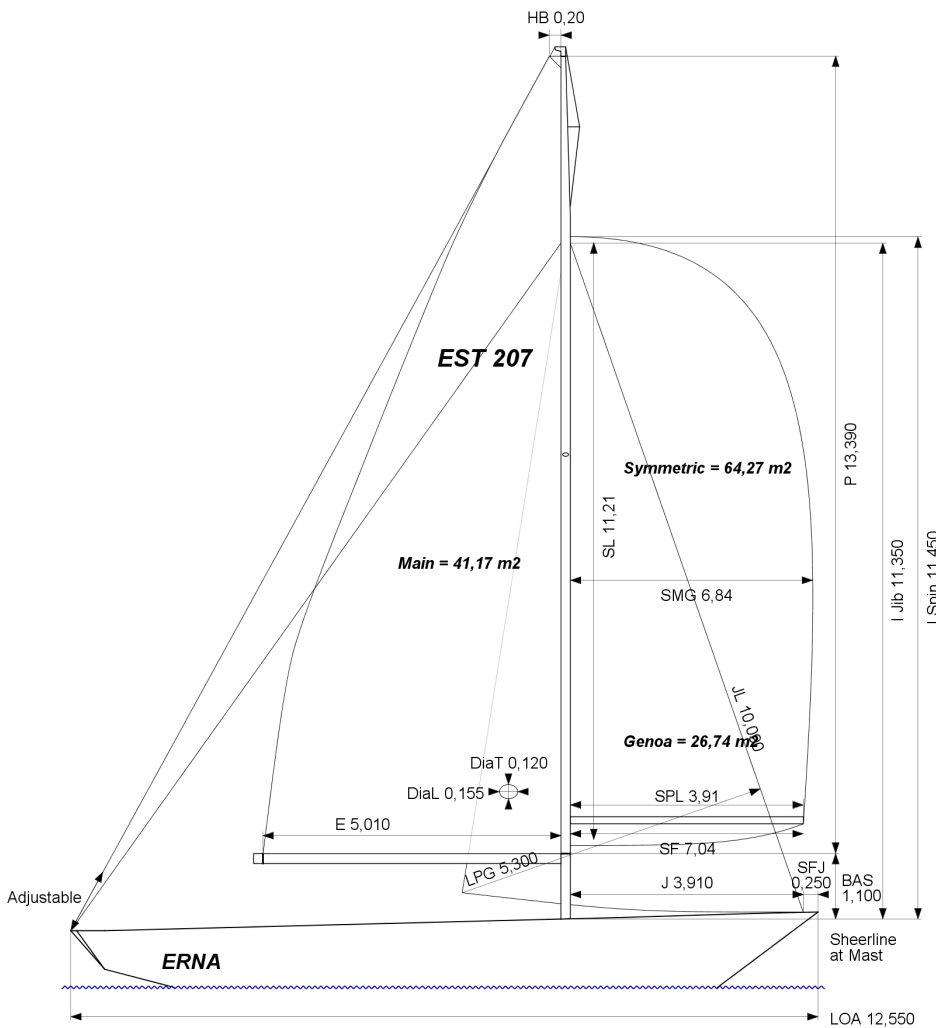
### Rating Office

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

### Certificate

Number **EST207**  
Issued On **16.05.2009**  
ORC Ref **EST00000150**  
VPP Ver. **1.11**  
Valid until **31.12.2009**

### Comments



<b>BOAT</b>		<b>GPH</b>	<b>HULL</b>	
Name <b>ERNA</b> Sail Nr <b>EST 207</b>		<b>694,0</b>	Data File <b>Est0207.dxt</b>	LOA <b>12,550 m</b>
			Offset File <b>erna2.off</b>	MB <b>3,060 m</b>
			Displacement <b>6 700 kg</b>	Draft <b>1,834 m</b>
<b>CLASS</b>		<b>IMS Regulations Division</b> <b>Cruiser/Racer</b>		
Class <b>L6</b>		Dynamic Allowance <b>1,272%</b>		
Designer <b>Kiselev</b>		Forward Accommodation <b>Yes</b>		
Builder <b>VCSPS</b>		Hull Construction <b>Solid</b>		
Series <b>01.1966</b>		Carbon Mast <b>No</b>		
Age Date <b>01.1966</b>		Carbon Rudder <b>No</b>		
Age Allowance <b>1,300%</b>		IMS L <b>9,730</b> Wetted Area <b>29,41 m<sup>2</sup></b> VCGM <b>-0,104</b>		
<b>HEAVY ITEMS</b>		<b>PROPELLER</b>		
Bow Thruster	<b>No</b>	Generator	<b>No</b>	Installation <b>Out of Aperture</b>
Windlass	<b>No</b>	Jib Furler	<b>No</b>	Type <b>Folding</b>
Heavy Deck	<b>No</b>	Main Furler	<b>No</b>	PRD <b>0,430</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>0,0480</b>	

### Crew Weight

Declared **500 kg**  
Default\* **600 kg**

### Special Scoring

ToD ToT  
Double **697,1 0,8608**  
Non Spinnaker **734,4 0,8170**

### Sails Limitations

Genoas **3** Spinnakers **3**  
Jibs **2** Dacron Sails

### Spinnaker configuration

Symmetric: **Yes** **64,27**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Estimated): **129,6°**  
Stability Index: **136,2**  
OSR Category: **0**

### Owner

Margus Samel  
Roosikrantsi 4c-5  
Tallinn, Estonia

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>694,0</b>			<b>788,5</b>		
Time On Time	<b>0,8646</b>			<b>0,8561</b>		
Performance Line	<b>0,694</b>	<b>57,8</b>		<b>0,770</b>	<b>204,9</b>	
Triple Number	Low <b>0,8215</b>	Medium <b>1,1108</b>	High <b>1,2761</b>	Low <b>0,6164</b>	Medium <b>0,8732</b>	High <b>1,0445</b>