



World Leader in Rating Technology

## 2009 ORC Club Certificate

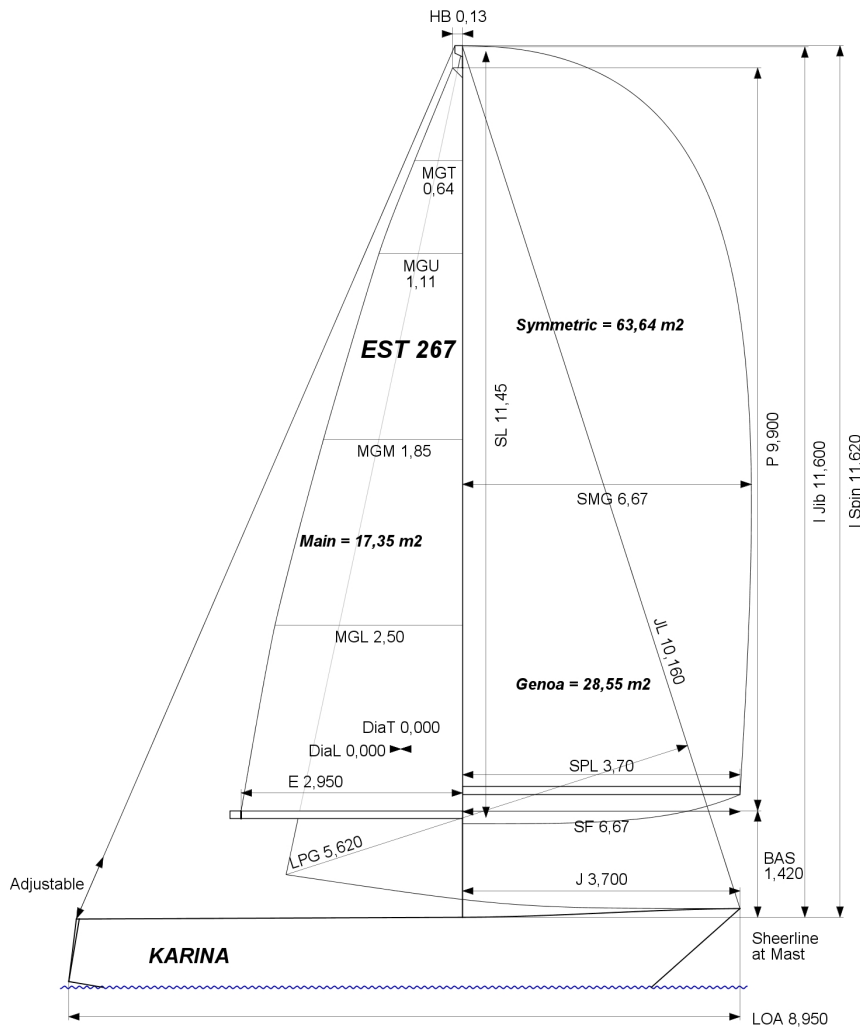
### Rating Office

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

### Certificate

Number **EST267**  
Issued On **2.05.2009**  
ORC Ref **EST00000066**  
VPP Ver. **1.11**  
Valid until **31.12.2009**

### Comments



<b>BOAT</b>		<b>GPH</b>	<b>HULL</b>	
Name <b>KARINA</b> Sail Nr <b>EST 267</b>		<b>741,1</b>	Data File <b>Est0267.dxt</b>	LOA <b>8,950 m</b>
			Offset File <b>CARTER30.OFF</b>	MB <b>3,081 m</b>
			Displacement <b>4 015 kg</b>	Draft <b>1,585 m</b>
<b>CLASS</b>		<b>IMS Regulations Division</b> <b>Cruiser/Racer</b>		
Class <b>CARTER 30</b>		Dynamic Allowance <b>1,111%</b>		
Designer <b>Carter</b>		Forward Accommodation <b>Yes</b>		
Builder		Hull Construction <b>Solid</b>		
Series <b>12.1975</b>		Carbon Mast <b>No</b>		
Age Date <b>01.1989</b>		Carbon Rudder <b>No</b>		
Age Allowance <b>1,300%</b>		IMS L <b>7,545</b> Wetted Area <b>17,87 m²</b> VCGM <b>0,127</b>		
<b>HEAVY ITEMS</b>		<b>PROPELLER</b>		
Bow Thruster <b>No</b>	Generator <b>No</b>	Air Condition <b>No</b>	Installation <b>Strut Drive</b>	PRD <b>0,410</b>
Windlass <b>No</b>	Jib Furler <b>No</b>	Desalinator <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>0,0360</b>			

### Crew Weight

Declared **500 kg**  
Default\* **460 kg**

### Special Scoring

ToD ToT  
Double **745,2 0,8051**  
Non Spinnaker **798,6 0,7513**

### Sails Limitations

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

### Spinnaker configuration

Symmetric: **Yes 63,64**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Estimated): **107,6°**  
Stability Index: **108,1**  
OSR Category: **N/A**

### Owner

M.HIET jt.  
Roomassaare tee 6  
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>741,1</b>			<b>825,7</b>	
Time On Time	<b>0,8096</b>			<b>0,8175</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0,745</b>	<b>130,7</b>		<b>0,861</b>	<b>311,9</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0,7973</b>	<b>1,0267</b>	<b>1,1466</b>	<b>0,6090</b>	<b>0,8337</b>	<b>0,9641</b>