



World Leader in Rating Technology

## 2009 ORC Club Certificate

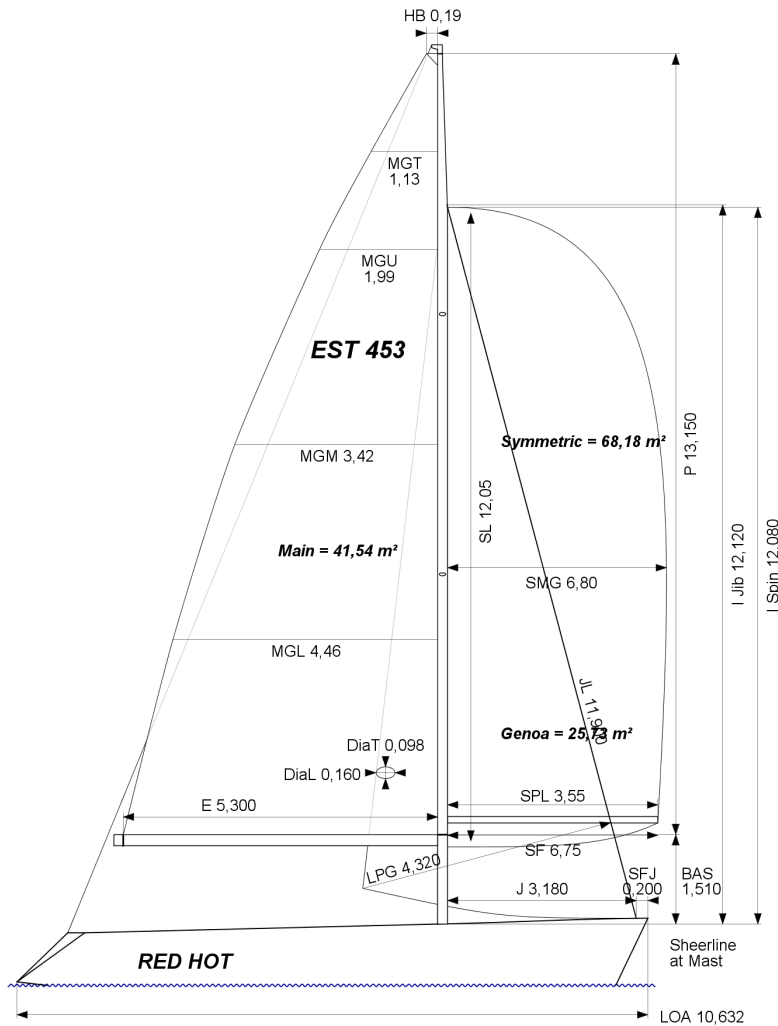
### Rating Office

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

### Certificate

Number **EST453**  
Issued On **11.08.2009**  
ORC Ref **EST00000507**  
VPP Ver. **1.11**  
Valid until **31.12.2009**

### Comments



<b>BOAT</b> Name <b>RED HOT</b> Sail Nr <b>EST 453</b>	<b>GPH</b> <b>634,2</b>	<b>HULL</b> Data File <b>Est0453.dxt</b> LOA <b>10,632 m</b> Offset File <b>H169.bof</b> MB <b>3,493 m</b> Displacement <b>4 026 kg</b> Draft <b>1,997 m</b>
<b>CLASS</b> Class <b>J.O.D. 35</b> Designer <b>Andrieu Daniel</b> Builder <b>JEANNEAU</b> Series <b>06.1991</b> Age Date <b>06.1992</b> Age Allowance <b>1,170%</b>		IMS Regulations Division <b>Racing</b> Dynamic Allowance <b>0,518%</b> Forward Accommodation <b>No</b> Hull Construction <b>Solid</b> Carbon Mast <b>No</b> Carbon Rudder <b>No</b>
<b>HEAVY ITEMS</b>  N/A  Total Gyradius Adjustment <b>0,0240</b>		IMS L <b>9,901</b> Wetted Area <b>22,98 m²</b> VCGM <b>0,055</b>
		<b>PROPELLER</b> Installation <b>Out of Aperture</b> PRD <b>0,350</b> Type <b>Folding</b>

### Crew Weight

Declared **600 kg**  
Default\* **607 kg**

### Special Scoring

ToD ToT  
Double **638,6 0,9395**  
Non Spinnaker **671,4 0,8937**

### Sails Limitations

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

### Spinnaker configuration

Symmetric: **Yes 68,18**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Estimated): **110,9°**  
Stability Index: **107,3**  
OSR Category: **N/A**

### Owner

AS HANSA LIISING EESTI  
Liivalaia 12  
Tallinn, Estonia  
ESS Kalev 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>634,2</b>			<b>708,2</b>		
Time On Time	<b>0,9461</b>			<b>0,9532</b>		
Performance Line	<b>0,794</b>	<b>78,8</b>		<b>0,938</b>	<b>262,5</b>	
Triple Number	Low <b>0,9172</b>	Medium <b>1,2050</b>	High <b>1,3808</b>	Low <b>0,6949</b>	Medium <b>0,9579</b>	High <b>1,1334</b>