



World Leader in Rating Technology

## 2009 ORC Club Certificate

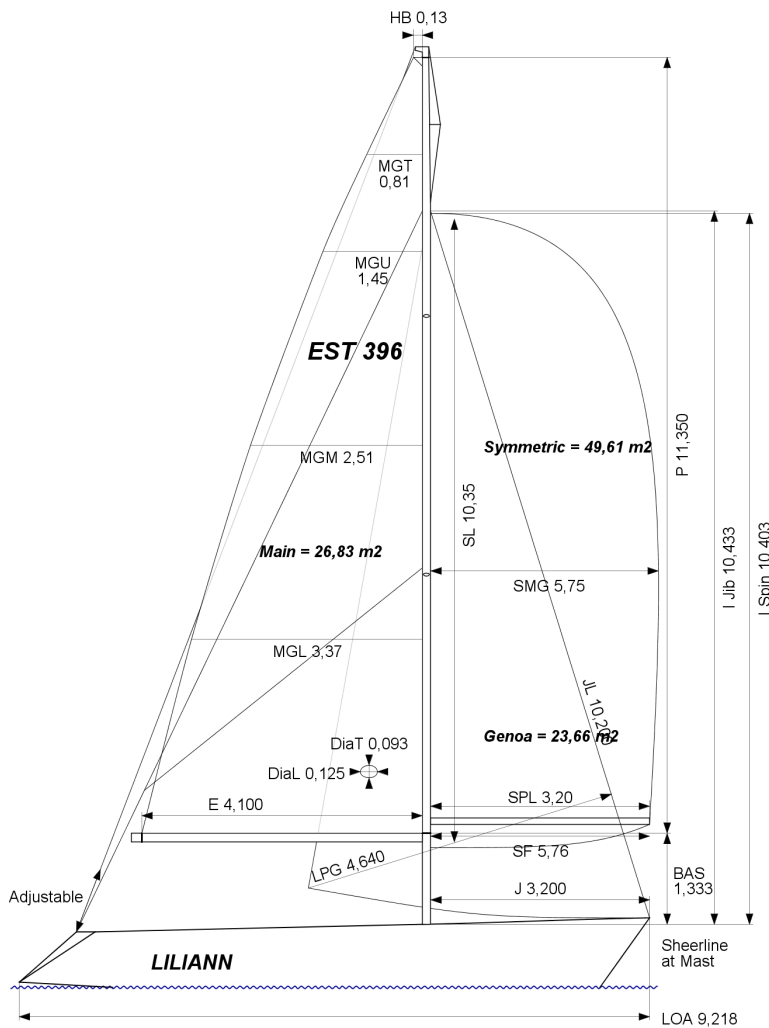
### Rating Office

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

### Certificate

Number **EST396**  
Issued On **16.05.2009**  
ORC Ref **EST00000154**  
VPP Ver. **1.11**  
Valid until **31.12.2009**

### Comments



<b>BOAT</b> Name <b>LILIANN</b> Sail Nr <b>EST 396</b>	<b>GPH</b> <b>681,0</b>	<b>HULL</b> Data File <b>Est0396.dxt</b> LOA <b>9,218 m</b> Offset File <b>S-CAVIAR.BOF</b> MB <b>3,187 m</b> Displacement <b>2 880 kg</b> Draft <b>1,717 m</b>
<b>CLASS</b> Class <b>ONE OFF</b> Designer <b>P NORLIN</b> Builder <b>JANSSON-ZARINS</b> Series <b>06.1982</b> Age Date <b>06.1982</b> Age Allowance <b>1,300%</b>	IMS Regulations Division <b>Racing</b> Dynamic Allowance <b>0,115%</b> Forward Accommodation <b>No</b> Hull Construction <b>Cored</b> Carbon Mast <b>No</b> Carbon Rudder <b>No</b>	IMS L <b>7,641</b> Wetted Area <b>15,74 m²</b> VCGM <b>-0,048</b>
<b>HEAVY ITEMS</b>  N/A  Total Gyradius Adjustment <b>0,0384</b>	<b>PROPELLER</b> Installation <b>Out of Aperture</b> PRD <b>0,330</b> Type <b>Folding</b> PBW <b>0,085</b>	

### Crew Weight

Declared **450 kg**  
Default\* **438 kg**

### Special Scoring

ToD ToT  
Double **686,2 0,8744**  
Non Spinnaker **716,2 0,8377**

### Sails Limitations

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

### Spinnaker configuration

Symmetric: **Yes** **49,61**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Measured): **117,3°**  
Stability Index: **111,2**  
OSR Category: **2**

### Owner

Kristjan Männa  
Paide tn. 8, Türi  
Estonia  
SMS

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>681,0</b>			<b>753,7</b>		
Time On Time	<b>0,8811</b>			<b>0,8956</b>		
Performance Line	<b>0,809</b>	<b>128,6</b>		<b>1,026</b>	<b>369,3</b>	
Triple Number	Low <b>0,8741</b>	Medium <b>1,1140</b>	High <b>1,2487</b>	Low <b>0,6694</b>	Medium <b>0,9071</b>	High <b>1,0452</b>