



World Leader in Rating Technology

2009 ORC Club Certificate

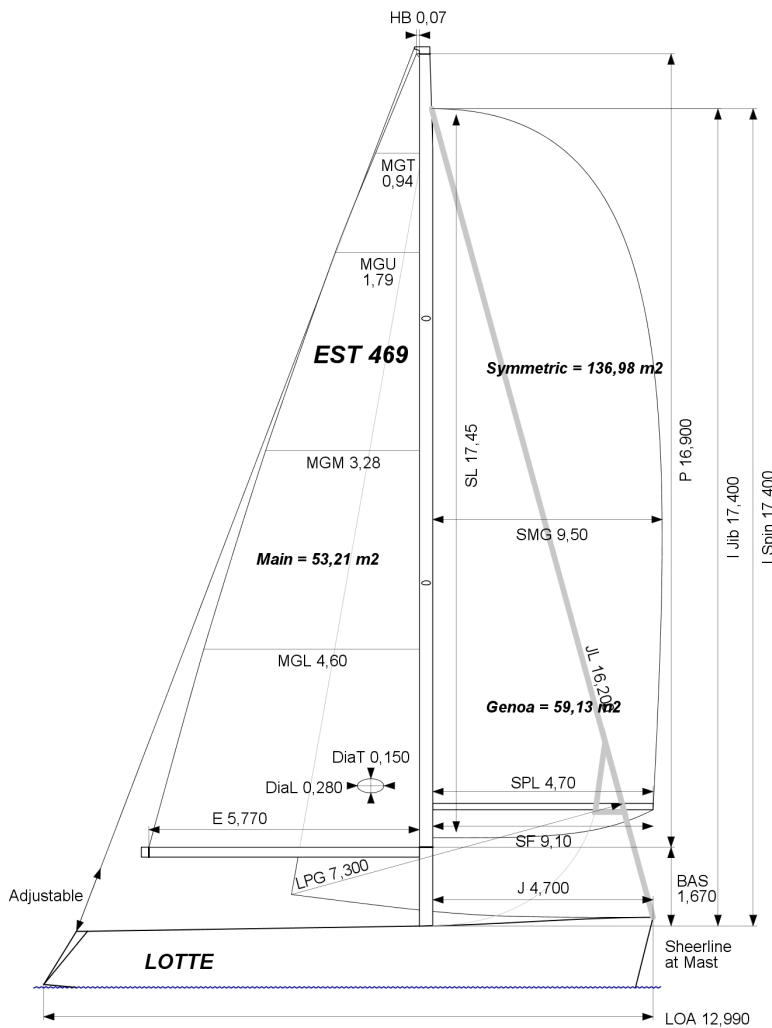
Rating Office

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

Certificate

Number **EST469**
Issued On **2.05.2009**
ORC Ref **EST00000076**
VPP Ver. **1.11**
Valid until **31.12.2009**

Comments



BOAT		GPH		HULL	
Name LOTTE Sail Nr EST 469		605,7		Data File Est0469.dxt	LOA 12,990 m
				Offset File CLB44V2M.OFF	MB 4,413 m
				Displacement 11 261 kg	Draft 2,028 m
CLASS				IMS Regulations Division Cruiser/Racer	
Class BAVARIA 44 VISION				Dynamic Allowance 1,249%	
Designer J+J				Forward Accommodation Yes	
Builder BAVARIA				Hull Construction Cored	
Series 01.2006				Carbon Mast No	
Age Date 01.2007				Carbon Rudder No	
Age Allowance 0,195%				IMS L 12,337 Wetted Area 39,87 m² VCGM 0,056	
HEAVY ITEMS				PROPELLER	
Bow Thruster Yes	Generator No	Air Condition No	Installation Strut Drive PRD 0,500		
Windlass No	Jib Furler Yes	Desalinator No	Type Folding PBW 0,004		
Heavy Deck No	Main Furler Yes				
Headliners No	Water Heater No				
Anchor Weight	Heavy Items Adjustment 0,0035				
Anchor LCG	Total Gyradius Adjustment 0,0295				

Crew Weight

Declared **600 kg**
Default* **1 041**

Special Scoring

ToD ToT
Double **605,6 0,9908**
Non Spinnaker **649,3 0,9240**

Sails Limitations

Genoas **1** Spinnakers **4**
Jibs **0**

Spinnaker configuration

Symmetric: **Yes 136,98**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

LPS (Estimated): **112,2°**
Stability Index: **116,6**
OSR Category: **1**

Owner

MTJ VARA OÜ
Vabaohtukooli tee 50a-1
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	605,7			685,8		
Time On Time	0,9906			0,9843		
Performance Line	0,817	70,7		0,921	231,4	
Triple Number	Low 0,9522	Medium 1,2664	High 1,4485	Low 0,7145	Medium 0,9953	High 1,1809