



World Leader in Rating Technology

2009 ORC Club Certificate

Rating Office

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

Certificate

Number **EST430**
Issued On **2.05.2009**
ORC Ref **EST00000060**
VPP Ver. **1.11**
Valid until **31.12.2009**

Comments

INTERNAL BALLAST

Crew Weight

Declared **426 kg**
Default* **394 kg**

Special Scoring

ToD ToT
Double **688,2 0,8718**
Non Spinnaker **725,6 0,8269**

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes 52,21**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

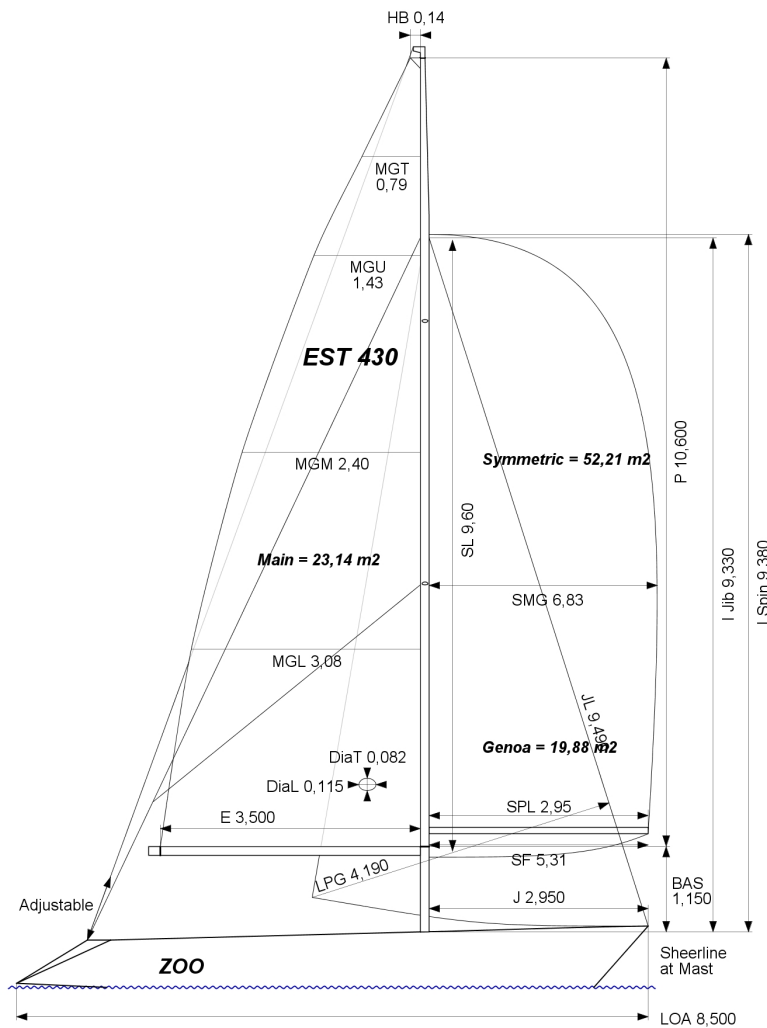
LPS (Estimated): **102,6°**
Stability Index: **95,6**
OSR Category: **N/A**

Owner

Kaarel Trei
Tehnika 4
Kuressaare, Estonia
SMS

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT		GPH		HULL	
Name ZOO Sail Nr EST 430		682,8		Data File Est0430.dxt	LOA 8,500 m
				Offset File CLBAN28R.OFF	MB 2,939 m
				Displacement 2 069 kg	Draft 1,461 m
CLASS		IMS Regulations Division			
Class Banner 28 R		Dynamic Allowance 0,252%			
Designer Oudrup		Forward Accommodation No			
Builder Fiberbade		Hull Construction Cored			
Series 05.1979		Carbon Mast No			
Age Date 05.1979		Carbon Rudder No			
Age Allowance 1,300%		IMS L 7,183 Wetted Area 12,82 m² VCGM 0,075			
HEAVY ITEMS		PROPELLER			
N/A		Type No Propeller			
Total Gyradius Adjustment 0,0280					

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	682,8			756,8	
Time On Time	0,8788			0,8920		
Performance Line	PLT	PLD		PLT	PLD	
	0,826	140,3		1,090	423,3	
Triple Number	Low	Medium	High	Low	Medium	High
	0,8827	1,1041	1,2367	0,6803	0,8984	1,0243