



World Leader in Rating Technology

2010 ORC Club Certificate

Rating Office

Estonian Yachting Union
Regati 1, 11911
Tallinn
Estonia

Certificate

Number **EST242**
Issued On **16.05.2010**
ORC Ref **EST00000930**
VPP Ver. **2010 1.11**
Valid until **31.12.2010**

Crew Weight

Declared **385 kg**
Default* **347 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double	726,8	0,8256
Non Spinnaker	752,5	0,7973
N/S Perf. Line	111,1	0,712

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes 31,25**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

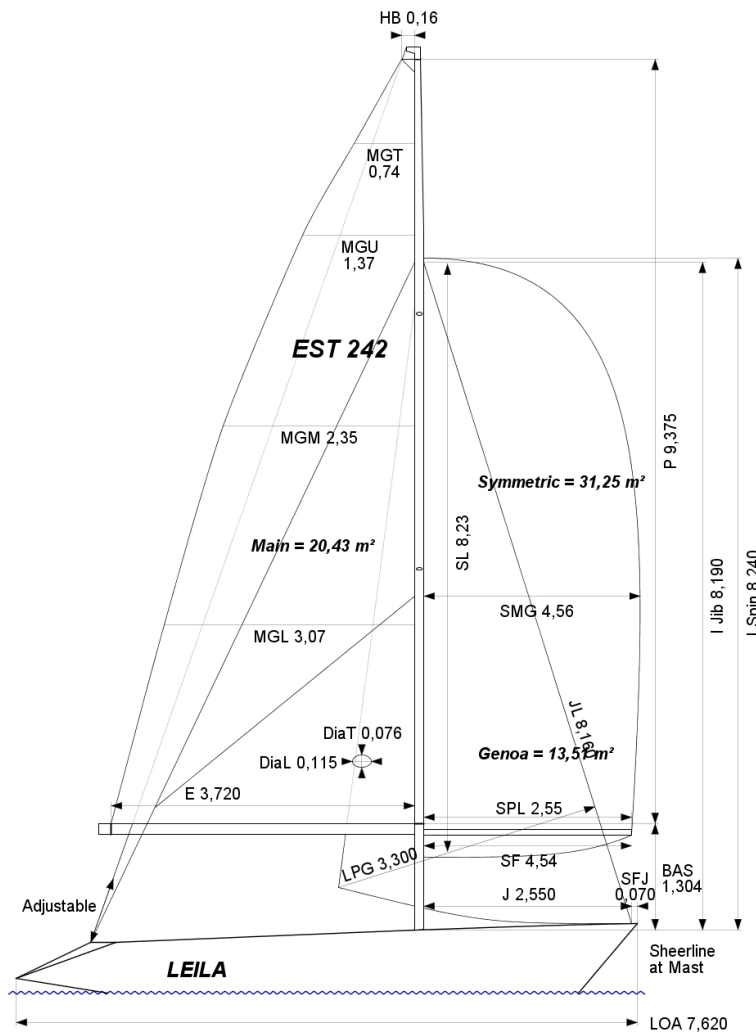
LPS (Estimated): **115,4°**
Stability Index: **107,7**
OSR Category: **N/A**

Owner

PRIT POLDMAA
Raua 20-10
Tallinn, Estonia
ESS Kalev JK

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

Signature



BOAT		GPH	HULL			
Name LEILA Sail Nr EST 242		723,0	Data File Est0242.dxt	LOA 7,620 m		
			Offset File Polari17.off	MB 2,692 m		
			Displacement 1 690 kg	Draft 1,730 m		
CLASS						
Class POLARIS		IMS Division Performance Dynamic All. 0,105%				
Designer SET		Fwd Accom. Yes Construction Solid				
Builder SET		Fiber No Aramid Core No				
Series 06.1984		Carbon Mast No Carbon Rudder No				
Age Date 01.1998		Anchor Wgt				
Age Allowance 0,975%		Anchor LCG				
COMMENTS		IMS L 6,171 Wetted Area 10,77 m² VCGM -0,067				
PROPELLER		CENTERBOARD				
Type No Propeller		N/A				
SCORING OPTIONS						
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	723,0			793,1		
Time On Time	0,8299			0,8511		
Performance Line	PLT	PLD		PLT	PLD	
	0,773	135,3		0,998	388,8	
Triple Number	Low	Medium	High	Low	Medium	High
	0,8277	1,0458	1,1746	0,6414	0,8634	0,9874



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ORC Club Certificate Appendix

BOAT

Name	LEILA	Certificate Number	EST242
Sail Nr	EST 242	Issued On	16.05.2010

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1162,6	955,5	873,0	827,3	801,4	785,0	778,2
52°	751,4	663,5	619,9	590,3	575,8	567,0	557,9
60°	717,3	644,4	604,6	574,4	556,0	547,3	537,8
75°	696,4	624,2	580,2	549,7	538,1	520,8	507,4
90°	679,7	612,5	571,7	539,9	515,3	503,4	485,0
110°	703,1	630,1	586,6	552,9	524,7	497,8	450,3
120°	738,5	649,4	601,1	565,2	535,8	509,9	454,8
135°	860,4	698,8	633,2	591,8	559,2	531,8	482,3
150°	1016,0	795,4	683,1	626,5	588,1	557,3	507,7
Run VMG	1173,2	918,5	766,7	682,1	629,2	592,0	536,8

Selected Courses

Windward / Leeward	1189,8	954,4	832,8	764,8	723,5	696,0	664,3
Circular Random	983,3	800,1	702,6	645,9	610,1	585,7	552,7
Ocean for PCS	1048,1	834,8	717,1	645,3	597,7	563,1	513,0
Non Spinnaker	1037,0	837,4	730,3	667,6	628,3	601,8	567,0

Velocity Prediction in Knots for True Wind Speeds

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	42,7°	39,9°	37,8°	37,0°	35,9°	35,2°	35,5°
Beat VMG	3,10	3,77	4,12	4,35	4,49	4,59	4,63
52°	4,79	5,43	5,81	6,10	6,25	6,35	6,45
60°	5,02	5,59	5,95	6,27	6,48	6,58	6,69
75°	5,17	5,77	6,20	6,55	6,69	6,91	7,09
90°	5,30	5,88	6,30	6,67	6,99	7,15	7,42
110°	5,12	5,71	6,14	6,51	6,86	7,23	8,00
120°	4,87	5,54	5,99	6,37	6,72	7,06	7,92
135°	4,18	5,15	5,68	6,08	6,44	6,77	7,46
150°	3,54	4,53	5,27	5,75	6,12	6,46	7,09
Run VMG	3,07	3,92	4,70	5,28	5,72	6,08	6,71
Gybe Angles	146,2°	147,3°	164,1°	173,0°	175,8°	176,5°	176,8°