



ORC

Offshore Racing Congress
World leader in rating technology

2019
ORC Club
Certificate

Rating Office
Hungarian Yachting
Association
Istvanmezei ut 1-3
H-1146 Budapest
HUNGARY



Certificate

Number **034/19**
Issued On **16/09/2019**
ORC Ref **HUN10026647**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 723kg
Maximum **500kg**
Minimum* **375kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	545.9	1.0992
Double H.OSN	543.4	1.1041
Non Spin GPH	564.2	1.0635
Non Spin OSN	557.0	1.0773

Sails Limitations

Headsails **6** Spinnakers **4**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes** 121.33
Flying H/S: **Yes** 84.74
Spin. Pole: **No**

Class Division Length

CDL = 10.481

Stability (Estimated)

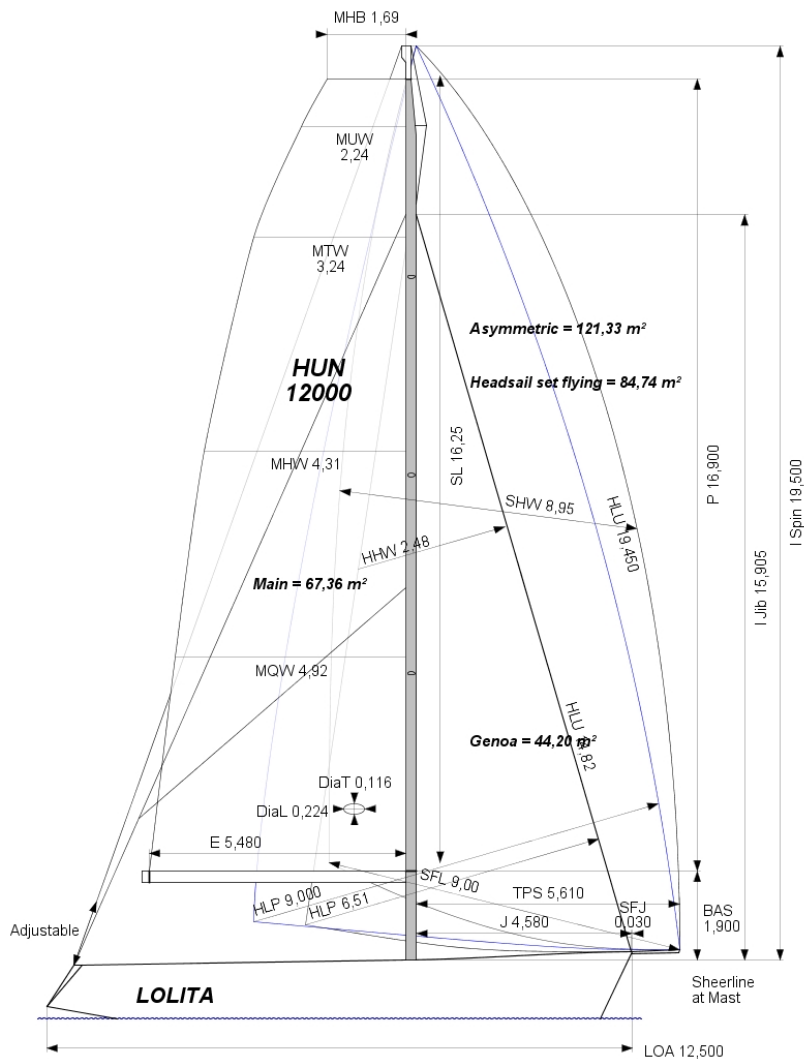
Limit Positive Stab.: **120.0°**
Stability Index: **116.2**

Owner

Simó Béla
8647 Balatonmárfiafűrdő,
Rákóczi u. 79
HUNGARY

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

Signature



BOAT		GPH		HULL			
Name	Lolita		534.7	Data File	HUN12000		
Sail Nr	HUN-12000			Offset File	ILC40.off		
				Displacement	5 142kg		
				LOA	12.500m		
				MB	4.010m		
				Draft	2.522m		
CLASS		IMS Division Performance					
Class	ILC 40	Dynamic All.	0.000%				
Designer	Judel / Vrolijk	Fwd Accom.	No				
Builder	Gemini Intenration	Fiber Rigging	No				
Series	06/1996	Crew Arm Ex	Yes				
Age Date	06/1996	Light Stanchions	No				
Age Allowance	0.487%	IMSL	10.898m	VCGD	-0.100m		
		RL	10.062m	VCGM	-0.034m		
		WS	27.05m²				
		LSM0	10.349m				
		Displacement/Length ratio	4.6391				
COMMENTS		Water Ballast 0 Trim Tab No					
		BLR Index 0.0000					
PROPELLER		CENTERBOARD					
Installation	Strut	PRD	0.480				
Type	Folding 2 blades	PBW	0.123				
		PIPA	0.0036				
SCORING OPTIONS		COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	531.3			603.0			
Time on Time	1.1293			1.1194			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	579.2	486.3	442.3	756.2	607.1	545.3	
Time on Time	1.1655	1.3881	1.5260	0.8926	1.1119	1.2379	

2019

ORC Club Certificate Appendix

BOAT	
Name Lolita	Certificate Number 034/19
Sail Nr HUN-12000	Issued On 16/09/2019

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	800.6	718.1	681.7	665.7	664.0	652.6	657.2
52°	527.5	485.2	469.4	462.6	459.6	455.7	453.5
60°	496.4	466.9	454.4	447.8	443.8	440.2	435.5
75°	469.0	447.5	434.7	424.8	418.5	412.8	405.9
90°	460.2	434.0	418.9	406.0	395.3	388.3	380.3
110°	479.6	445.0	417.8	393.2	374.5	361.2	342.5
120°	521.6	458.3	421.9	390.3	366.7	352.7	322.2
135°	605.5	491.2	445.4	411.9	379.8	347.7	299.5
150°	725.9	578.5	492.7	449.6	421.4	394.9	330.3
Run VMG	838.2	668.0	568.9	517.5	485.4	450.7	381.4
Selected Courses							
Windward / Leeward	819.4	693.0	625.3	591.6	574.7	551.7	519.3
Circular Random	701.5	582.5	521.5	487.0	465.0	449.1	425.2
Coastal / Long Distance	821.3	651.3	563.4	511.1	481.1	451.6	402.4
Non Spinnaker	760.8	622.0	548.8	506.5	479.9	461.9	437.9

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	41.8°	40.3°	39.5°	39.8°	39.9°	39.5°	40.8°
Beat VMG	4.50	5.01	5.28	5.41	5.42	5.52	5.48
52°	6.82	7.42	7.67	7.78	7.83	7.90	7.94
60°	7.25	7.71	7.92	8.04	8.11	8.18	8.27
75°	7.68	8.04	8.28	8.47	8.60	8.72	8.87
90°	7.82	8.29	8.59	8.87	9.11	9.27	9.47
110°	7.51	8.09	8.62	9.16	9.61	9.97	10.51
120°	6.90	7.86	8.53	9.22	9.82	10.21	11.17
135°	5.95	7.33	8.08	8.74	9.48	10.35	12.02
150°	4.96	6.22	7.31	8.01	8.54	9.12	10.90
Run VMG	4.30	5.39	6.33	6.96	7.42	7.99	9.44
Gybe Angles	142.0°	143.5°	149.9°	152.3°	163.2°	178.4°	143.4°