



World Leader in Rating Technology

2016
ORC Club
Certificate

Rating Office

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



Certificate

Number **009/16**
Issued On **15.4.2016.**
ORC Ref **HUN00062538**
VPP Ver. **2016 1.01**
Valid until **31.12.2016.**

Crew Weight

Declared **500kg**
Default* **578kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **660.4 0.9085**
Non Spin OSN **642.9 0.9333**
N/S Perf. Line **31.6 0.623**

Sails Limitations

Headsails 1 Spinnakers 3

Spinnaker configuration

Symmetric: **Yes 143.47**
Asymmetric: **No**
Flying H/S: **Yes 42.08**
Spin. Pole: **Yes**

Class Division Length

CDL = **8.554**

Stability

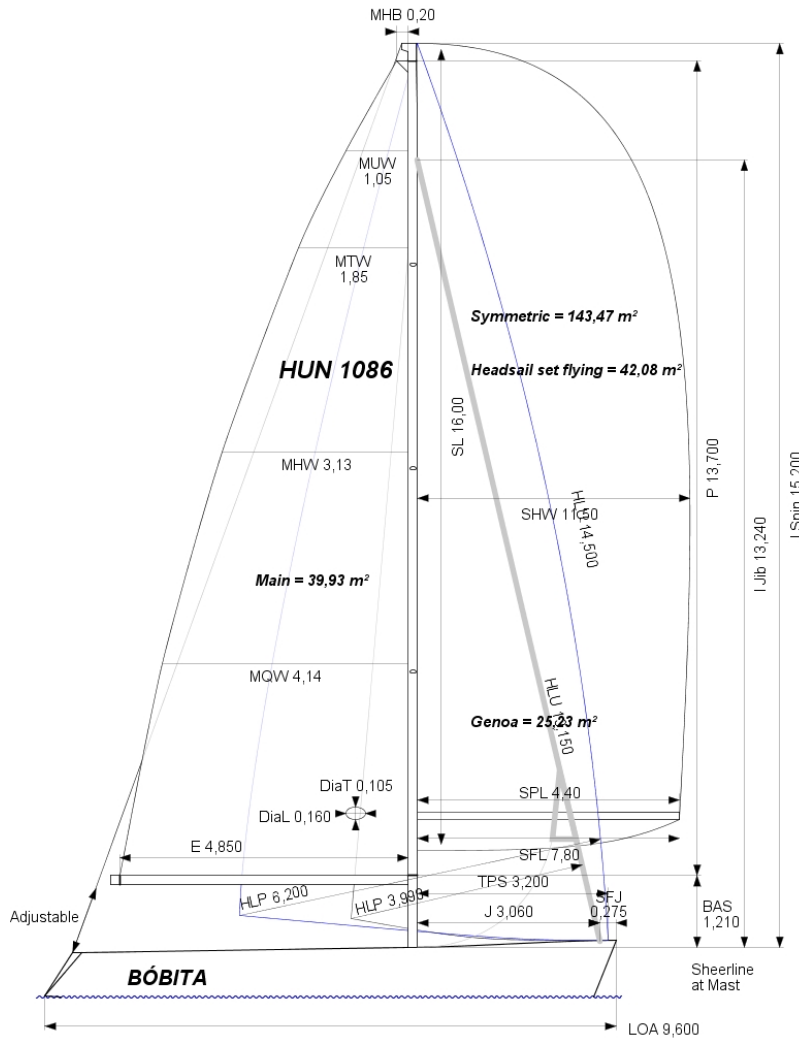
LPS (Estimated): **117.9°**
Stability Index: **117.6**
OSR Category: **N/A**

Owner

Csaba Kétszeri
Fő tér 10/A
8200 Siófok
HUNGARY

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

Signature



BOAT		GPH		HULL			
Name Bóbita Sail Nr HUN 1086		609.7		Data File HUN1086.dxt	LOA 9.600m		
				Offset File scholtz32.off	MB 3.064m		
				Displacement 3,712kg	Draft 1.946m		
CLASS				IMS Division Performance	Dynamic All. 0.000%		
Class Scholtz 32				Fwd Accom. Yes	Construction Solid		
Designer Scholtz I				Fiber Rigging No	Aramid Core No		
Builder Style Yacht Ltd.				Crew Arm Ex	Carbon Rudder No		
Series 01.2004, CIN HU-SJH32007F707					Light Stanchions No		
Age Date 01.2007				IMSL 8.832m	VCGD -0.210m	Sink 15.66kg/mm	
Age Allowance 0.390%				RL 8.275m	VCGM -0.180m	WS 20.45m2	
COMMENTS				LSM0 8.848m	Displacement/Length ratio 5.3589		
				Water Ballast 0	Trim Tab No		
PROPELLER				CENTERBOARD			
Installation Strut	PRD 0.400			N/A			
Type Feathering 3 blades	PBW 0.100						
	PIPA 0.0040						
SCORING OPTIONS							
	OFFSHORE			INSHORE			
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time On Distance	597.4			664.7			
Time On Time	1.0043			1.0155			
Performance Line	PLT	PLD		PLT	PLD		
	0.752	81.0		1.056	336.5		
Triple Number	Low	Medium	High	Low	Medium	High	
	0.9999	1.2301	1.3732	0.7744	1.0096	1.1463	



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ORC Club Certificate Appendix

BOAT	
Name Bóbita	Certificate Number 009/16
Sail Nr HUN 1086	Issued On 15.4.2016.

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1019.0	853.3	775.3	734.0	714.9	704.4	695.2
52°	657.7	559.8	532.2	519.8	512.5	508.3	501.4
60°	610.4	536.4	515.7	505.6	497.3	492.1	485.2
75°	569.2	519.2	496.2	482.0	472.4	462.7	453.7
90°	564.5	519.8	495.1	471.5	452.3	440.7	423.7
110°	585.9	517.5	495.2	476.7	453.3	426.9	397.7
120°	596.2	520.9	486.1	463.6	445.6	424.7	384.4
135°	662.3	545.4	503.0	468.9	434.5	403.8	361.4
150°	772.7	625.2	542.9	501.9	470.7	439.6	372.4
Run VMG	892.3	721.9	622.7	560.7	518.3	488.8	430.1

Selected Courses							
Windward / Leeward	955.6	787.6	699.0	647.4	616.6	596.6	562.6
Circular Random	817.4	670.4	593.4	549.0	520.6	500.5	471.5
Ocean for PCS	1001.8	785.5	665.0	591.3	542.4	506.3	451.8
Non Spinnaker	912.6	735.9	640.7	584.9	550.1	526.6	495.6

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	43.9°	43.5°	41.1°	38.8°	37.7°	37.5°	37.5°
Beat VMG	3.53	4.22	4.64	4.90	5.04	5.11	5.18
52°	5.47	6.43	6.76	6.93	7.02	7.08	7.18
60°	5.90	6.71	6.98	7.12	7.24	7.32	7.42
75°	6.32	6.93	7.26	7.47	7.62	7.78	7.93
90°	6.38	6.93	7.27	7.63	7.96	8.17	8.50
110°	6.14	6.96	7.27	7.55	7.94	8.43	9.05
120°	6.04	6.91	7.41	7.77	8.08	8.48	9.36
135°	5.44	6.60	7.16	7.68	8.29	8.92	9.96
150°	4.66	5.76	6.63	7.17	7.65	8.19	9.67
Run VMG	4.03	4.99	5.78	6.42	6.95	7.36	8.37
Gybe Angles	145.7°	148.3°	153.2°	163.3°	180.0°	180.0°	143.5°