



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **003/18**
Issued On **15/05/2018**
ORC Ref **HUN10014229**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default	467kg
Maximum	420kg
Minimum*	315kg
*when applied by the NoR and SI	
Non Manual Pwr	No

Special Scoring

	ToD	ToT
Non Spin GPH	712.0	0.8427
Non Spin OSN	690.7	0.8687

Sails Limitations

Headsails 1 Spinnakers 3

Spinnaker configuration
Symmetric: **Yes 70.62**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **7.511**

Stability (Measured)

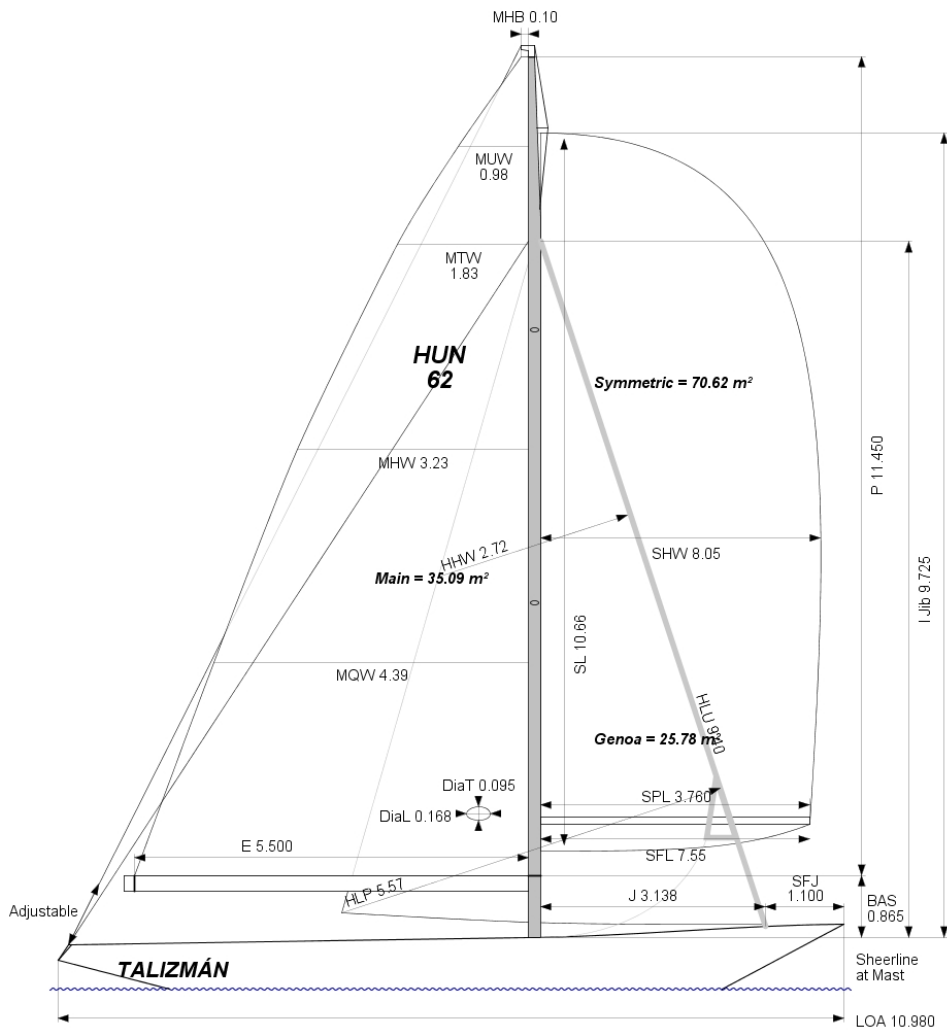
Limit Positive Stab.: **180.0°**
Stability Index: **185.0**

Owner

Elek Straub
Tövis u. 3/b
1022 Budapest
HUNGARY

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

Signature



BOAT		GPH		HULL					
Name Talizmán Sail Nr HUN 6-2		682.3		Data File HUN6-2	LOA 10.980m				
				Offset File TALIZMAN.OFF	MB 1.916m				
				Displacement 4,603kg	Draft 1.745m				
CLASS				IMS Division Cruiser/Racer	Dynamic All. 0.179%				
Class 6mR				Fwd Accom. Yes	Construction Solid				
Designer Olin Stephens				Fiber Rigging No	Aramid Core No				
Builder Balatonfüred SY				Crew Arm Ex	Carbon Rudder No				
Series 01/1941				Light Stanchions No					
Age Date 01/1942				IMSL 8.223m	VCGD -0.855m	Sink 9.87kg/mm			
Age Allowance 0.487%				RL 6.798m	VCGM -0.717m	WS 20.36m²			
COMMENTS				LSM0 7.616m	Displacement/Length ratio 10.4198				
				Water Ballast 0	Trim Tab No				
				BLR Index 0.0000					
PROPELLER				CENTERBOARD					
Installation In Aperture	PRD 0.390	N/A							
Type Feathering 3 blades	PBW 0.100								
	PIPA 0.0106								
SCORING OPTIONS									
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD					
Time on Distance	663.3			738.7					
Time on Time	0.9046			0.9138					
Triple Number	Low	Medium	High	Low	Medium	High			
Time on Distance	781.3	603.5	542.5	1010.0	743.4	643.3			
Time on Time	0.8640	1.1185	1.2442	0.6683	0.9080	1.0493			



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ORC Club Certificate Appendix

BOAT	
Name Talizmán	Certificate Number 003/18
Sail Nr HUN 6-2	Issued On 15/05/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1147.6	951.8	856.8	809.9	784.9	768.7	753.0
52°	757.3	632.4	574.8	552.9	542.4	536.4	530.4
60°	718.9	601.7	555.7	536.4	526.9	521.1	515.0
75°	689.9	581.1	542.4	523.7	510.8	502.1	492.7
90°	697.5	580.7	539.2	518.4	503.3	490.3	470.2
110°	687.6	567.0	525.7	506.6	495.5	485.7	468.0
120°	708.8	577.6	529.1	504.2	484.1	471.6	453.1
135°	785.1	634.6	550.4	518.3	495.1	472.9	432.2
150°	939.0	740.8	616.6	547.1	518.1	496.3	454.4
Run VMG	1084.3	856.4	712.0	619.5	561.6	527.3	484.3
Selected Courses							
Windward / Leeward	1116.0	904.1	784.4	714.7	673.2	648.0	618.7
Circular Random	939.8	758.1	661.6	606.6	573.5	552.4	525.7
Coastal / Long Distance	1112.8	848.3	706.3	625.9	584.0	553.0	505.2
Non Spinnaker	994.0	796.4	689.8	627.6	589.5	564.9	535.6

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	42.5°	41.2°	42.0°	41.2°	40.4°	39.8°	39.0°
Beat VMG	3.14	3.78	4.20	4.45	4.59	4.68	4.78
52°	4.75	5.69	6.26	6.51	6.64	6.71	6.79
60°	5.01	5.98	6.48	6.71	6.83	6.91	6.99
75°	5.22	6.20	6.64	6.87	7.05	7.17	7.31
90°	5.16	6.20	6.68	6.94	7.15	7.34	7.66
110°	5.24	6.35	6.85	7.11	7.27	7.41	7.69
120°	5.08	6.23	6.80	7.14	7.44	7.63	7.94
135°	4.59	5.67	6.54	6.95	7.27	7.61	8.33
150°	3.83	4.86	5.84	6.58	6.95	7.25	7.92
Run VMG	3.32	4.20	5.06	5.81	6.41	6.83	7.43
Gybe Angles	146.5°	150.6°	148.9°	158.4°	180.0°	180.0°	180.0°