



World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

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



Certificate

Number **014/16**
Issued On **3.5.2016.**
ORC Ref **HUN00062813**
VPP Ver. **2016 1.01**
Valid until **31.12.2016.**

Crew Weight

Declared **420kg**
Default* **499kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **714.6 0.8396**
Non Spin OSN **691.2 0.8680**
N/S Perf. Line **-6.4 0.527**

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 = **7.812**

Stability

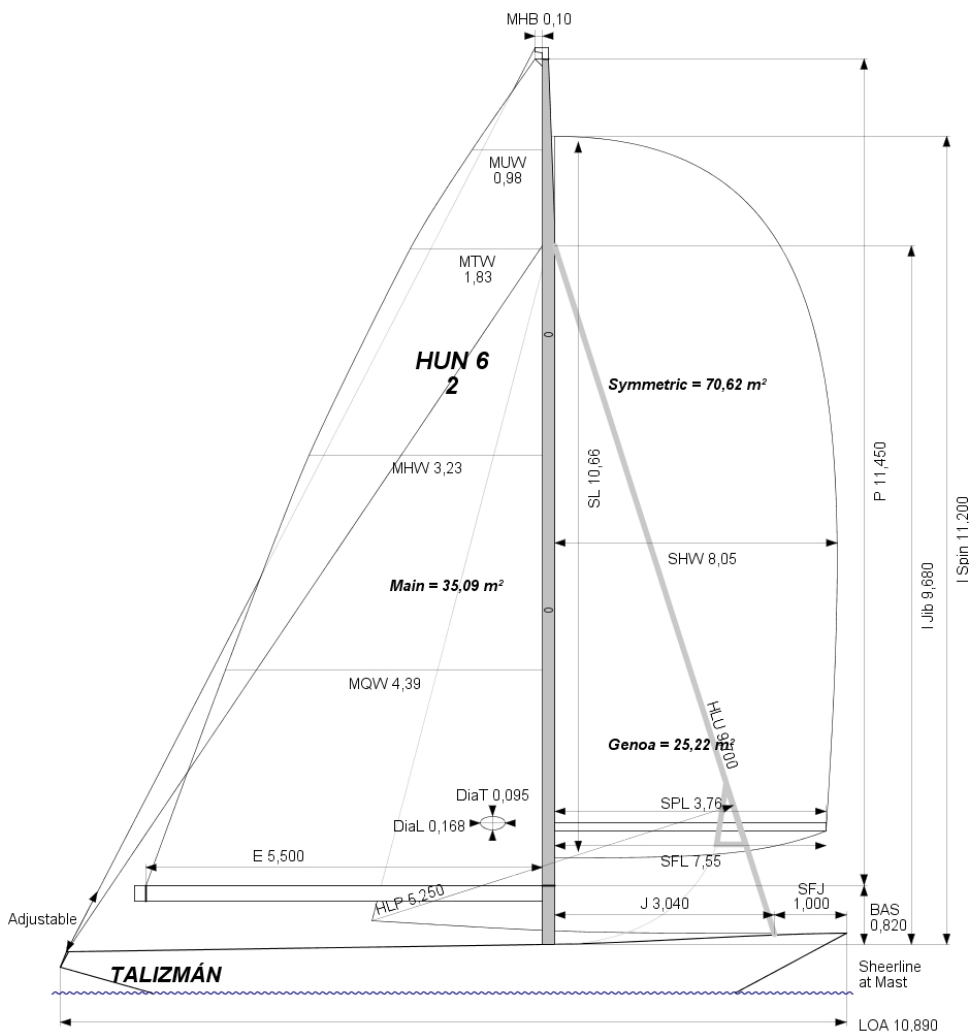
LPS (Estimated): **180.0°**
Stability Index: **185.4**
OSR Category: **N/A**

Owner

Elek Straub
Tövis u. 3/b
H-8220 Balatonalmád
HUNGARY

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

Signature



BOAT		GPH		HULL			
Name Talizmán Sail Nr HUN 6-2		684.5		Data File HUN6-2.dxt	LOA 10.890m		
				Offset File TALIZMAN.OFF	MB 1.916m		
				Displacement 5,199kg	Draft 1.803m		
				IMS Division Cruiser/Racer	Dynamic All. 0.387%		
				Fwd Accom. Yes	Construction Solid		
				Fiber Rigging No	Aramid Core No		
				Crew Arm Ex	Carbon Rudder No		
					Light Stanchions No		
				IMSL 8.549m	VCGD -1.200m	Sink 10.53kg/mm	
				RL 7.075m	VCGM -1.122m	WS 21.58m2	
				LSM0 7.979m	Displacement/Length ratio 10.2347		
				Water Ballast 0 Trim Tab No			
CLASS							
Class 6mR							
Designer Olin Stephens							
Builder Balatonfüred SY							
Series 01.1941							
Age Date 01.1942							
Age Allowance 0.487%							
COMMENTS							
PROPELLER		CENTERBOARD					
Installation In Aperture	PRD 0.390	N/A					
Type Solid 2 blades	PBW 0.100						
	PIPA 0.0106						
SCORING OPTIONS							
	OFFSHORE			INSHORE			
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time On Distance	663.1			737.6			
Time On Time	0.9048			0.9151			
Performance Line	PLT	PLD		PLT	PLD		
	0.577	12.2		0.653	112.4		
Triple Number	Low	Medium	High	Low	Medium	High	
	0.8369	1.1232	1.2920	0.6395	0.9042	1.0911	



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ORC Club Certificate Appendix

BOAT	
Name Talizmán	Certificate Number 014/16
Sail Nr HUN 6-2	Issued On 3.5.2016.

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1233.8	1009.6	878.1	793.9	747.8	719.4	688.8
52°	792.7	656.0	574.9	539.0	521.0	510.2	498.2
60°	739.5	613.0	550.2	523.8	508.0	496.2	482.2
75°	694.4	579.0	533.3	511.7	495.9	481.7	458.0
90°	696.1	576.3	526.1	506.0	496.4	481.7	452.4
110°	697.1	570.0	522.5	498.1	476.9	462.1	444.2
120°	720.5	584.9	529.1	503.2	481.8	460.3	428.5
135°	805.3	650.6	554.6	519.1	497.0	476.5	435.7
150°	959.4	754.1	627.5	550.8	519.0	498.2	459.9
Run VMG	1107.8	870.8	724.5	627.2	566.1	528.2	487.1

Selected Courses							
Windward / Leeward	1170.8	940.2	801.3	710.6	656.9	623.8	587.9
Circular Random	962.2	768.8	663.0	600.1	560.7	534.4	500.7
Ocean for PCS	1185.0	905.4	746.2	648.3	584.9	541.3	482.6
Non Spinnaker	1015.7	807.1	691.7	622.2	578.1	548.7	512.6

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	44.7°	43.1°	43.5°	42.1°	40.2°	38.9°	37.0°
Beat VMG	2.92	3.57	4.10	4.53	4.81	5.00	5.23
52°	4.54	5.49	6.26	6.68	6.91	7.06	7.23
60°	4.87	5.87	6.54	6.87	7.09	7.26	7.47
75°	5.18	6.22	6.75	7.04	7.26	7.47	7.86
90°	5.17	6.25	6.84	7.12	7.25	7.47	7.96
110°	5.16	6.32	6.89	7.23	7.55	7.79	8.10
120°	5.00	6.16	6.80	7.15	7.47	7.82	8.40
135°	4.47	5.53	6.49	6.94	7.24	7.55	8.26
150°	3.75	4.77	5.74	6.54	6.94	7.23	7.83
Run VMG	3.25	4.13	4.97	5.74	6.36	6.82	7.39
Gybe Angles	146.6°	150.7°	148.7°	157.1°	180.0°	180.0°	180.0°