



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 **027/19**
Issued On **10/07/2019**
ORC Ref **HUN10025897**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

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

Special Scoring

	ToD	ToT
Double H.GPH	682.7	0.8789
Double H.OSN	665.4	0.9018
Non Spin GPH	705.0	0.8511
Non Spin OSN	684.3	0.8768

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 = 7.610

Stability (Measured)

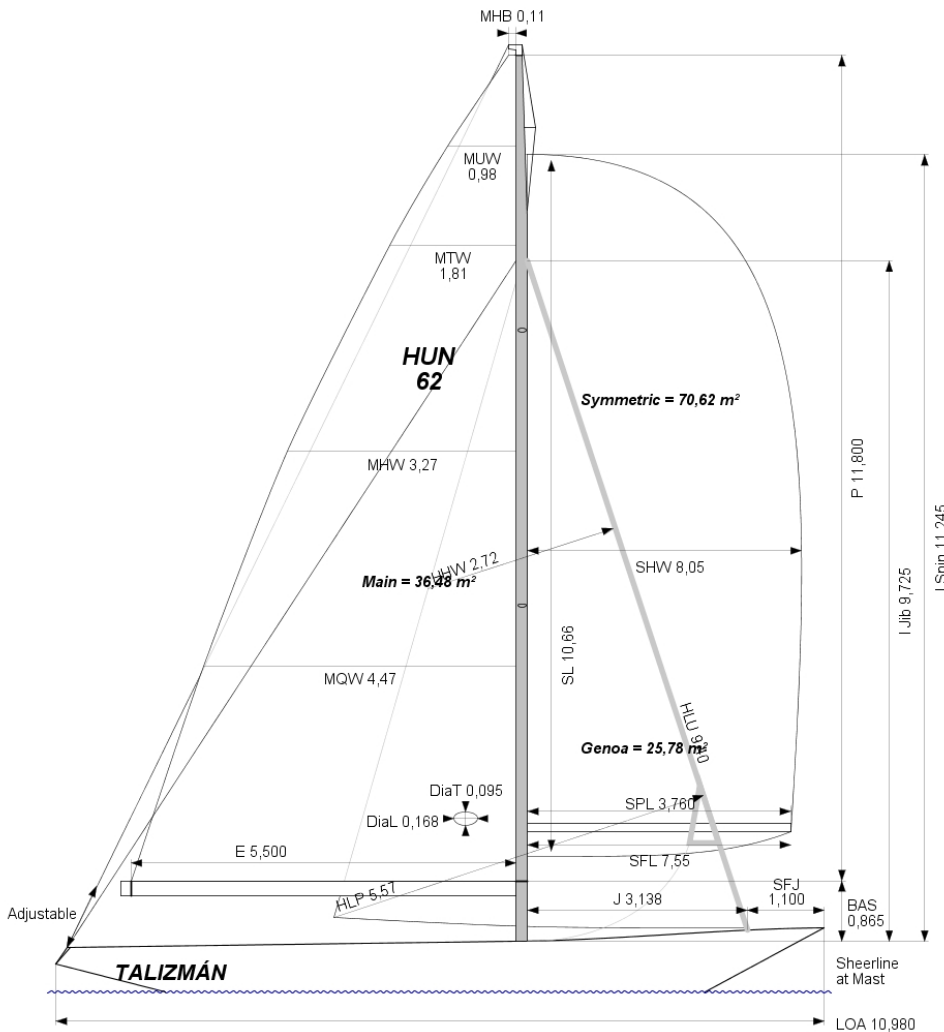
Limit Positive Stab.: **180.0°**
Stability Index: **185.0**

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			Data File	HUN6-2	
Sail Nr	HUN 6-2			Offset File	TALIZMAN.OFF	
				Displacement	4 603kg	
				LOA	10.980m	
				MB	1.916m	
				Draft	1.745m	
CLASS				IMS Division	Performance	
Class	6mR			Dynamic All.	0.155%	
Designer	Olin Stephens			Fwd Accom.	No	
Builder	Balatonfüred SY			Construction	Solid	
Series	01/1941			Fiber Rigging	No	
Age Date	01/1942			Aramid Core	No	
Age Allowance	0.487%			Carbon Rudder	No	
				Light Stanchions	No	
				IMSL	8.223m	
				VCGD	-0.855m	
				Sink	9.87kg/mm	
				RL	6.996m	
				VCGM	-0.717m	
				WS	20.36m²	
				LSM0	7.616m	
				Displacement/Length ratio	10.4198	
				Water Ballast	0	
				Trim Tab	No	
				BLR Index	0.0000	
COMMENTS				CENTERBOARD		
				N/A		
PROPELLER						
Installation	In Aperture	PRD	0.390			
Type	Feathering 3 blades	PBW	0.100			
		PIPA	0.0106			
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	658.0			731.3		
Time on Time	0.9119			0.9230		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	772.1	599.1	538.9	998.8	735.9	636.4
Time on Time	0.8742	1.1266	1.2525	0.6758	0.9172	1.0607

2019

ORC Club Certificate Appendix

BOAT	
Name Talizmán	Certificate Number 027/19
Sail Nr HUN 6-2	Issued On 10/07/2019

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1128.7	937.8	845.0	798.4	773.2	756.9	739.9
52°	745.4	624.2	570.3	550.0	539.9	534.1	528.5
60°	707.4	595.5	552.5	534.3	525.3	519.7	513.7
75°	677.0	576.4	540.0	521.9	509.3	501.1	492.1
90°	683.1	576.3	537.0	516.7	501.8	488.9	469.5
110°	679.6	563.9	524.2	505.6	495.1	485.4	466.4
120°	700.5	574.1	527.8	503.0	482.9	470.6	452.0
135°	777.5	628.4	548.3	517.1	494.0	471.8	430.8
150°	932.7	736.4	613.3	545.6	517.0	495.1	452.9
Run VMG	1077.0	851.8	708.2	617.2	559.6	526.0	482.8
Selected Courses							
Windward / Leeward	1102.8	894.8	776.6	707.8	666.4	641.4	611.4
Circular Random	929.2	750.8	656.1	602.1	569.6	548.6	521.9
Coastal / Long Distance	1100.3	840.0	700.1	621.2	579.9	549.6	502.9
Non Spinnaker	981.5	787.6	683.1	622.3	584.9	560.7	531.6

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°	40.9°	41.7°	40.5°	39.6°	39.0°	38.2°
Beat VMG	3.19	3.84	4.26	4.51	4.66	4.76	4.87
52°	4.83	5.77	6.31	6.55	6.67	6.74	6.81
60°	5.09	6.05	6.52	6.74	6.85	6.93	7.01
75°	5.32	6.25	6.67	6.90	7.07	7.18	7.32
90°	5.27	6.25	6.70	6.97	7.17	7.36	7.67
110°	5.30	6.38	6.87	7.12	7.27	7.42	7.72
120°	5.14	6.27	6.82	7.16	7.46	7.65	7.96
135°	4.63	5.73	6.57	6.96	7.29	7.63	8.36
150°	3.86	4.89	5.87	6.60	6.96	7.27	7.95
Run VMG	3.34	4.23	5.08	5.83	6.43	6.84	7.46
Gybe Angles	146.2°	150.5°	149.0°	158.8°	180.0°	180.0°	180.0°