



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **009/18**
Issued On **18/07/2018**
ORC Ref **HUN10014981**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 728kg
Maximum **480kg**
Minimum* **360kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	635.4	0.9443
Non Spin OSN	619.6	0.9683

Sails Limitations

Headsails **1** Spinnakers **3**

Spinnaker configuration
Symmetric: **Yes 72.59**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 9.658

Stability (Measured)

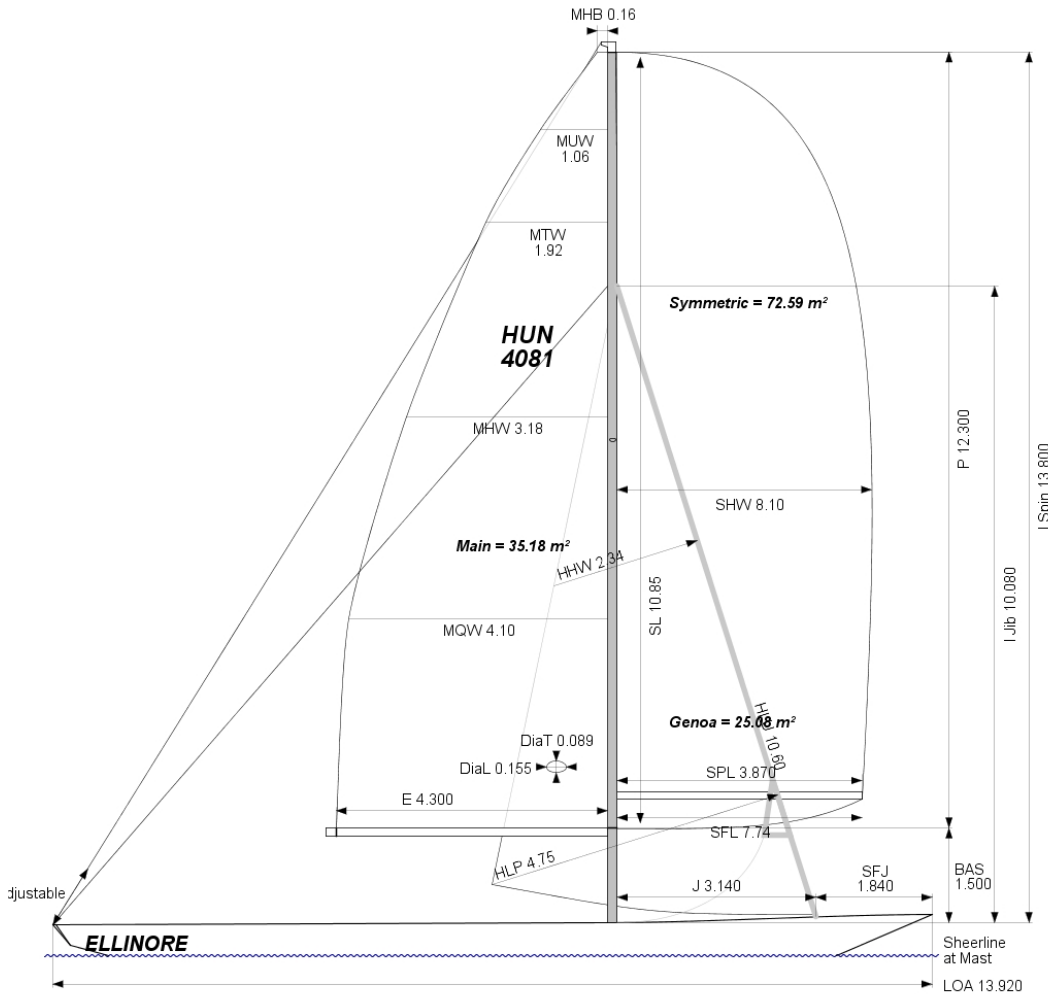
Limit Positive Stab.: **121.3°**
Stability Index: **126.8**

Owner

Geller László
Honfoglalás u. 64
1221 Budapest
HUNGARY

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

Signature



BOAT	GPH	HULL
Name Ellinore Sail Nr HUN 40-81	598.1	Data File HUN 40-81 LOA 13.920m Offset File ellinor.off MB 2.024m Displacement 3,649kg Draft 1.602m
CLASS Class 40 Skerry Cruiser Designer Builder Sweden Series 01/1922 Age Date 01/1922 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.279% Fwd Accom. Yes Construction Solid Fiber Rigging Yes Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS PAUGER CARBON MAST FIBER RIG ELECTRIC ENGINE		IMSL 11.332m VCGD -0.336m Sink 14.44kg/mm RL 7.982m VCGM -0.291m WS 22.70m² LSM0 10.402m Displacement/Length ratio 3.2421
PROPELLER Installation Strut PRD 0.260 Type Feathering 3 blades PBW 0.080 PIPA 0.0035		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD NA
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	582.3	666.0
Time on Time	1.0303	1.0135
Triple Number	Low Medium High	Low Medium High
Time on Distance	692.7 526.5 466.2	910.3 669.6 581.2
Time on Time	0.9745 1.2820 1.4479	0.7415 1.0081 1.1613



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ORC Club Certificate Appendix

BOAT	
Name Ellinore	Certificate Number 009/18
Sail Nr HUN 40-81	Issued On 18/07/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1047.4	847.5	776.5	747.4	731.8	724.4	705.5
52°	671.7	548.9	505.8	488.9	479.8	476.5	463.2
60°	625.7	513.6	476.1	462.5	455.4	451.4	440.9
75°	591.4	486.7	450.9	436.7	428.3	422.6	413.6
90°	601.1	487.5	446.0	422.4	405.4	395.3	384.2
110°	609.1	487.6	446.3	426.4	408.4	391.5	355.2
120°	630.3	496.9	443.4	415.6	396.2	379.8	347.4
135°	711.4	552.7	468.4	430.8	396.9	365.5	321.2
150°	853.5	658.9	543.2	472.9	435.6	403.8	343.6
Run VMG	985.6	760.8	627.2	544.6	494.2	456.0	396.8
Selected Courses							
Windward / Leeward	1016.5	804.2	701.8	646.0	613.0	590.2	551.1
Circular Random	834.7	667.8	579.1	528.3	496.9	475.3	444.0
Coastal / Long Distance	1013.4	751.2	624.0	550.8	509.8	476.6	418.5
Non Spinnaker	903.9	716.4	614.5	554.4	516.7	491.1	456.3

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°	43.8°	43.0°	42.8°	42.9°	43.1°	43.4°
Beat VMG	3.44	4.25	4.64	4.82	4.92	4.97	5.10
52°	5.36	6.56	7.12	7.36	7.50	7.56	7.77
60°	5.75	7.01	7.56	7.78	7.91	7.98	8.16
75°	6.09	7.40	7.98	8.24	8.41	8.52	8.70
90°	5.99	7.38	8.07	8.52	8.88	9.11	9.37
110°	5.91	7.38	8.07	8.44	8.81	9.20	10.13
120°	5.71	7.25	8.12	8.66	9.09	9.48	10.36
135°	5.06	6.51	7.69	8.36	9.07	9.85	11.21
150°	4.22	5.46	6.63	7.61	8.26	8.91	10.48
Run VMG	3.65	4.73	5.74	6.61	7.28	7.89	9.07
Gybe Angles	140.2°	144.1°	146.4°	152.1°	158.7°	180.0°	180.0°