

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



Certificate

Number **001/19**
Issued On **26/03/2019**
ORC Ref **HUN10024056**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

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	636.1	0.9432
Non Spin OSN	620.5	0.9670

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 = 9.647

Stability (Measured)

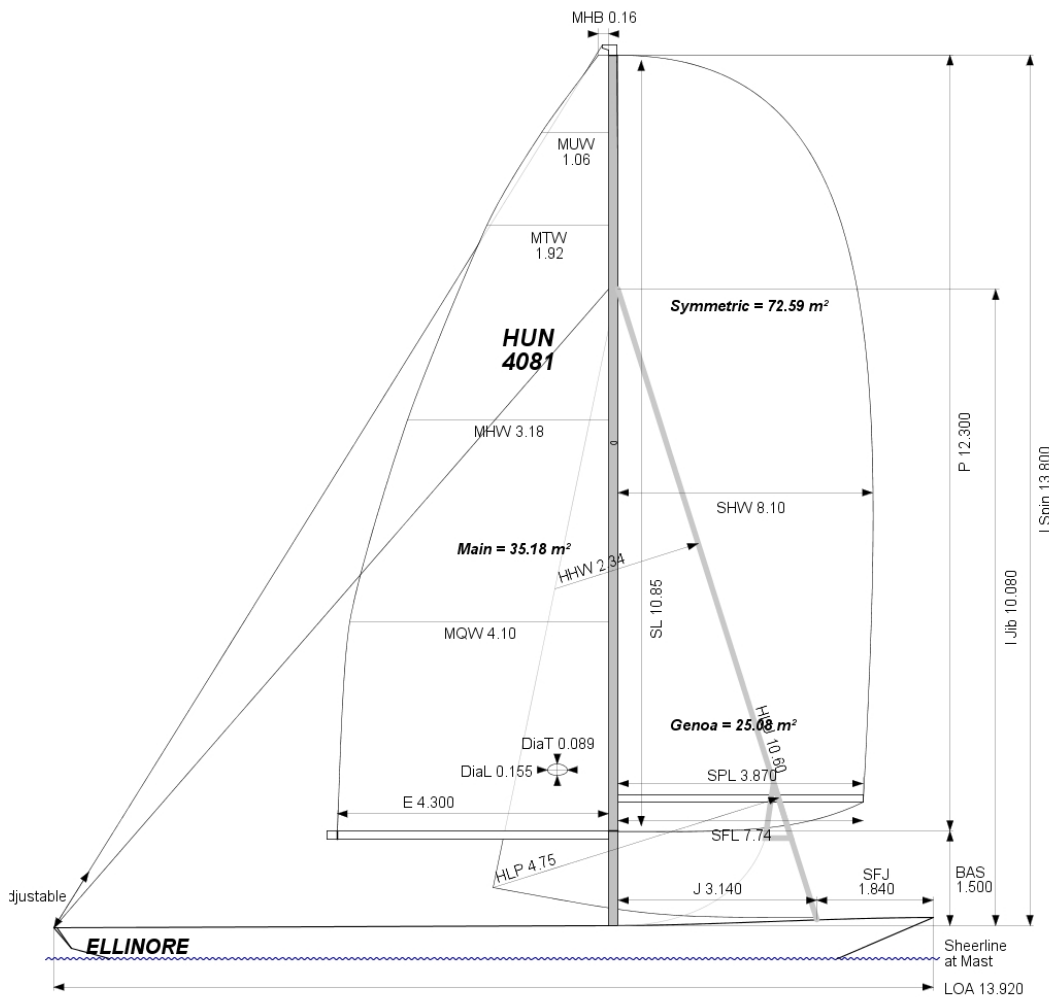
Limit Positive Stab.: **121.3°**
Stability Index: **126.8**

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	599.0	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 7.961m 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 N/A

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Low	Medium	High	Low	Medium	High
Time on Distance	583.3			666.6		
Time on Time	1.0286			1.0127		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	693.5	527.4	467.4	911.8	670.0	582.0
Time on Time	0.9733	1.2799	1.4443	0.7403	1.0074	1.1598

2019

ORC Club Certificate Appendix

BOAT	
Name Ellinore	Certificate Number 001/19
Sail Nr HUN 40-81	Issued On 26/03/2019

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1053.7	852.0	778.9	748.4	732.2	724.9	708.7
52°	675.4	552.0	507.9	490.4	481.2	478.0	465.5
60°	628.5	516.5	477.8	463.9	456.7	452.9	443.1
75°	591.1	489.1	452.2	438.0	429.7	424.4	416.1
90°	595.9	489.6	447.3	423.8	407.2	397.3	386.8
110°	609.2	489.0	447.1	428.1	409.9	392.9	356.7
120°	627.8	498.1	444.0	416.4	397.0	382.3	349.0
135°	708.7	550.5	467.8	430.9	397.1	365.8	322.0
150°	850.8	657.4	542.2	472.5	435.3	403.5	343.3
Run VMG	982.4	759.1	626.1	544.2	494.2	456.0	396.7
Selected Courses							
Windward / Leeward	1018.1	805.6	702.5	646.3	613.2	590.4	552.7
Circular Random	835.3	668.7	580.0	529.2	497.9	476.5	445.8
Coastal / Long Distance	1014.5	752.5	624.7	551.4	510.4	477.7	420.2
Non Spinnaker	904.4	717.0	615.1	555.2	517.5	492.1	458.0

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	44.8°	43.5°	42.7°	42.6°	42.6°	42.6°	43.5°
Beat VMG	3.42	4.23	4.62	4.81	4.92	4.97	5.08
52°	5.33	6.52	7.09	7.34	7.48	7.53	7.73
60°	5.73	6.97	7.53	7.76	7.88	7.95	8.12
75°	6.09	7.36	7.96	8.22	8.38	8.48	8.65
90°	6.04	7.35	8.05	8.49	8.84	9.06	9.31
110°	5.91	7.36	8.05	8.41	8.78	9.16	10.09
120°	5.73	7.23	8.11	8.65	9.07	9.42	10.32
135°	5.08	6.54	7.69	8.36	9.07	9.84	11.18
150°	4.23	5.48	6.64	7.62	8.27	8.92	10.49
Run VMG	3.66	4.74	5.75	6.61	7.29	7.89	9.07
Gybe Angles	140.2°	143.7°	146.2°	152.1°	158.7°	180.0°	180.0°