



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **018/18**
Issued On **18/06/2018**
ORC Ref **HUN10014725**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 722kg
Maximum **350kg**
Minimum* **263kg**
**when applied by the NoR and SI*
Non Manual Pwr

Special Scoring

	ToD	ToT
Non Spin GPH	669.1	0.8967
Non Spin OSN	648.5	0.9252

Sails Limitations

Headsails **1** Spinnakers **3**
Dacron Sails

Spinnaker configuration
Symmetric: **Yes** 87.73
Asymmetric: **Yes** 72.72
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 9.304

Stability (Measured)

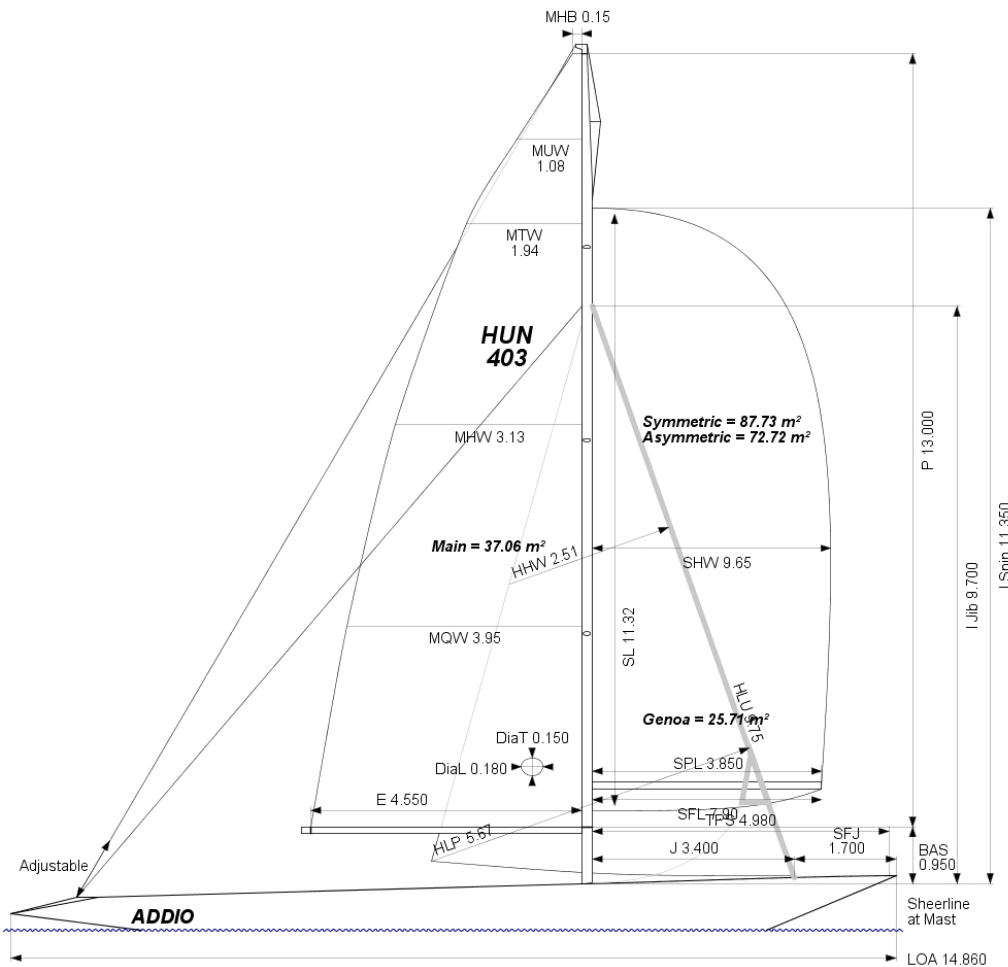
Limit Positive Stab.: **129.7°**
Stability Index: **135.7**

Owner

Ervin Vásárhelyi
HUNGARY

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

Signature



BOAT	GPH	HULL
Name Addio Sail Nr HUN 40-3	626.9	Data File HUN 40-3 LOA 14.860m Offset File ADDIO2.OFF MB 2.312m Displacement 4,599kg Draft 1.628m
CLASS Class 40 Skerry Cruiser Designer Jenő Benacsek Builder Balatonfüred SY Series 01/1943 Age Date 05/1943 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.297% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 11.320m VCGD -0.390m Sink 16.20kg/mm RL 7.288m VCGM -0.298m WS 25.51m² LSMO 10.336m Displacement/Length ratio 4.1649
PROPELLER Installation In Aperture PRD 0.390 Type Folding 3 or 4 blades PBW 0.100 PIPA 0.0106		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	607.9	697.4
Time on Time	0.9869	0.9679
Triple Number	Low Medium High	Low Medium High
Time on Distance	747.2 545.5 482.4	987.1 698.1 604.1
Time on Time	0.9034 1.2375 1.3992	0.6838 0.9669 1.1174



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ORC Club Certificate Appendix

BOAT	
Name Addio	Certificate Number 018/18
Sail Nr HUN 40-3	Issued On 18/06/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1167.7	926.6	820.9	782.2	764.9	756.6	752.4
52°	745.6	596.9	528.9	504.8	493.8	488.0	482.0
60°	693.3	556.9	494.5	473.4	464.2	459.5	455.3
75°	654.1	525.1	468.1	446.5	436.0	429.7	423.8
90°	642.1	516.8	464.5	437.8	420.0	405.8	392.6
110°	636.2	503.8	449.4	425.6	410.3	396.4	375.2
120°	660.9	514.4	450.9	421.7	396.9	380.9	355.4
135°	760.5	580.2	479.0	436.7	405.4	377.0	332.1
150°	907.8	698.0	561.0	480.9	440.8	411.5	357.1
Run VMG	1048.2	806.0	647.8	554.9	501.6	463.0	405.4
Selected Courses							
Windward / Leeward	1108.0	866.3	734.4	668.5	633.2	609.8	578.9
Circular Random	891.1	705.5	605.6	548.3	514.0	492.2	464.6
Coastal / Long Distance	1102.0	807.3	650.9	568.1	523.2	488.3	432.7
Non Spinnaker	965.8	759.2	645.8	579.0	537.7	510.9	478.4

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	45.3°	44.1°	44.1°	44.0°	44.1°	44.5°	45.2°
Beat VMG	3.08	3.89	4.39	4.60	4.71	4.76	4.78
52°	4.83	6.03	6.81	7.13	7.29	7.38	7.47
60°	5.19	6.46	7.28	7.60	7.76	7.84	7.91
75°	5.50	6.86	7.69	8.06	8.26	8.38	8.49
90°	5.61	6.97	7.75	8.22	8.57	8.87	9.17
110°	5.66	7.15	8.01	8.46	8.77	9.08	9.59
120°	5.45	7.00	7.98	8.54	9.07	9.45	10.13
135°	4.73	6.21	7.52	8.24	8.88	9.55	10.84
150°	3.97	5.16	6.42	7.49	8.17	8.75	10.08
Run VMG	3.43	4.47	5.56	6.49	7.18	7.78	8.88
Gybe Angles	143.3°	145.8°	142.1°	151.1°	157.1°	172.3°	180.0°