



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **004/18**
Issued On **18/05/2018**
ORC Ref **HUN10014273**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 573kg
Maximum **600kg**
Minimum* **450kg**
**when applied by the NoR and SI*
Non Manual Pwr

Special Scoring

	ToD	ToT
Non Spin GPH	678.0	0.8850
Non Spin OSN	657.2	0.9130

Sails Limitations

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

Spinnaker configuration
Symmetric: **Yes 170.52**
Asymmetric: **Yes 135.31**
Flying H/S: **Yes 76.65**
Spin. Pole: **Yes**

Class Division Length

CDL = 8.534

Stability (Measured)

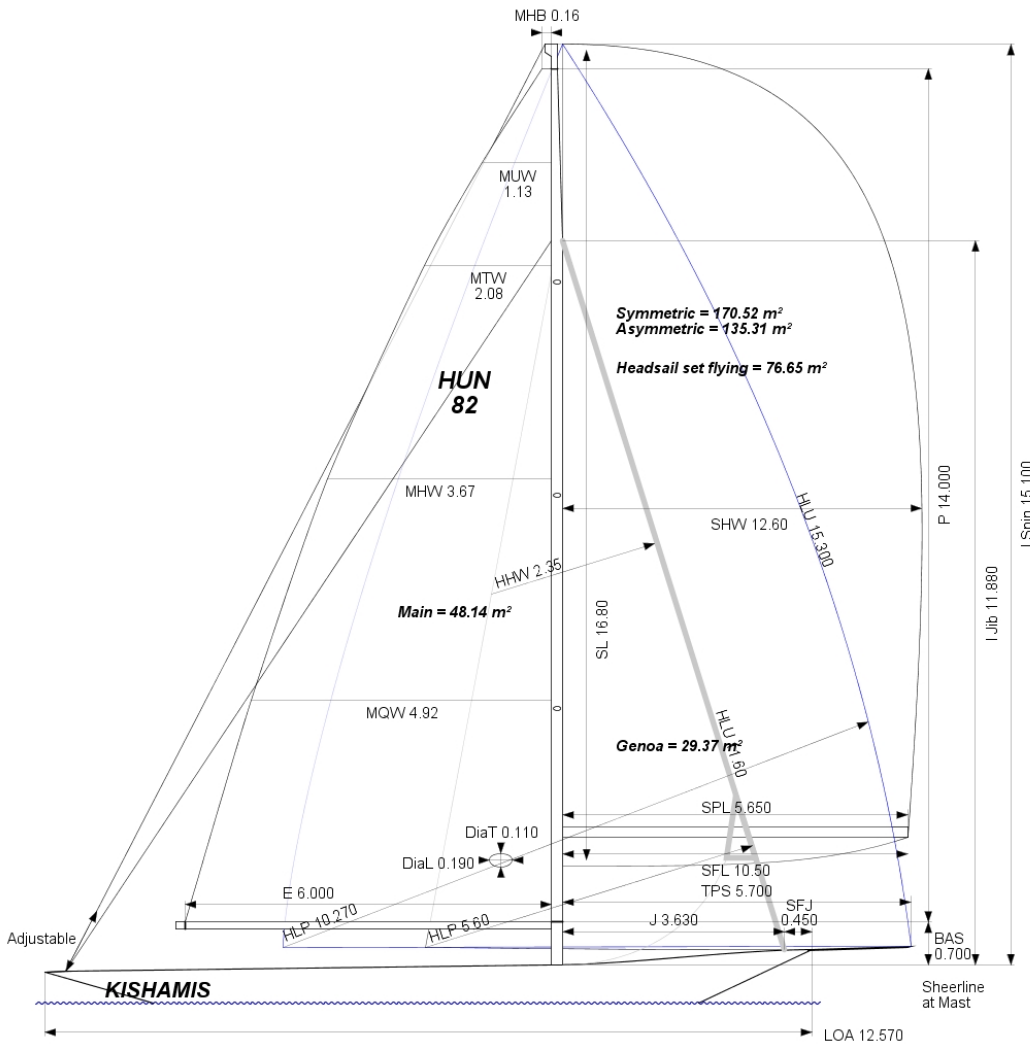
Limit Positive Stab.: **140.6°**
Stability Index: **147.1**

Owner

Vizügyi SC
Budapest
HUNGARY

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

Signature



BOAT	GPH	HULL
Name Kishamis Sail Nr HUN 8-2	614.9	Data File HUN8-2 LOA 12.570m Offset File kishamis.off MB 2.932m Displacement 7,000kg Draft 1.617m
CLASS Class 8mR Designer G. L. Watson Builder Balatonfüred SY Series 12/1900 Age Date 12/1900 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.203% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 9.398m VCGD -0.667m Sink 17.17kg/mm RL 7.668m VCGM -0.500m WS 27.29m² LSM0 8.798m Displacement/Length ratio 10.2789
PROPELLER Type No Propeller		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	602.7	675.7
Time on Time	0.9955	0.9989
Triple Number	Low Medium High	Low Medium High
Time on Distance	693.3 548.5 490.8	905.3 681.1 589.7
Time on Time	0.9736 1.2306 1.3752	0.7456 0.9910 1.1447



World Leader in Rating Technology

2018

ORC Club Certificate Appendix

BOAT		Certificate Number	004/18
Name	Kishamis	Issued On	18/05/2018
Sail Nr	HUN 8-2		

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1077.1	905.8	816.8	762.5	729.1	710.6	694.8
52°	684.1	576.1	529.6	510.0	498.0	490.8	483.9
60°	628.8	536.4	505.0	491.7	483.6	476.3	469.1
75°	577.1	508.6	485.4	474.0	466.9	458.7	446.4
90°	566.6	504.2	478.5	461.6	450.8	442.8	426.3
110°	614.0	512.3	476.9	457.7	437.9	423.2	406.0
120°	622.3	514.4	474.8	452.7	433.2	420.2	394.9
135°	678.9	543.0	489.3	461.2	434.7	411.1	381.5
150°	784.9	633.9	535.3	487.6	462.5	438.7	397.2
Run VMG	906.3	731.9	618.1	551.1	509.1	479.6	434.4
Selected Courses							
Windward / Leeward	991.7	818.9	717.5	656.8	619.1	595.1	564.6
Circular Random	836.1	680.1	597.4	549.6	519.9	500.1	474.3
Coastal / Long Distance	983.2	764.5	643.3	572.4	532.1	501.6	453.9
Non Spinnaker	955.4	762.9	656.8	593.1	553.0	526.7	494.5

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	45.8°	45.8°	45.0°	42.7°	41.7°	41.0°	40.8°
Beat VMG	3.34	3.97	4.41	4.72	4.94	5.07	5.18
52°	5.26	6.25	6.80	7.06	7.23	7.33	7.44
60°	5.73	6.71	7.13	7.32	7.44	7.56	7.67
75°	6.24	7.08	7.42	7.60	7.71	7.85	8.06
90°	6.35	7.14	7.52	7.80	7.99	8.13	8.44
110°	5.86	7.03	7.55	7.87	8.22	8.51	8.87
120°	5.78	7.00	7.58	7.95	8.31	8.57	9.12
135°	5.30	6.63	7.36	7.81	8.28	8.76	9.44
150°	4.59	5.68	6.73	7.38	7.78	8.21	9.06
Run VMG	3.97	4.92	5.82	6.53	7.07	7.51	8.29
Gybe Angles	146.6°	148.3°	149.9°	157.2°	180.0°	180.0°	180.0°