



ORC

Offshore Racing Congress
World leader in rating technology

2020
ORC Club
Certificate

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



Certificate

Number **020/20**
Issued On **25/08/2020**
ORC Ref **03880000POT**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

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 **662.3 0.9059**
Non Spin OSN **643.9 0.9318**

Sails Limitations

Headsails **1** Spinnakers **4**
Woven Polyester

Spinnaker configuration

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

Class Division Length

CDL = 8.727

Stability (Measured)

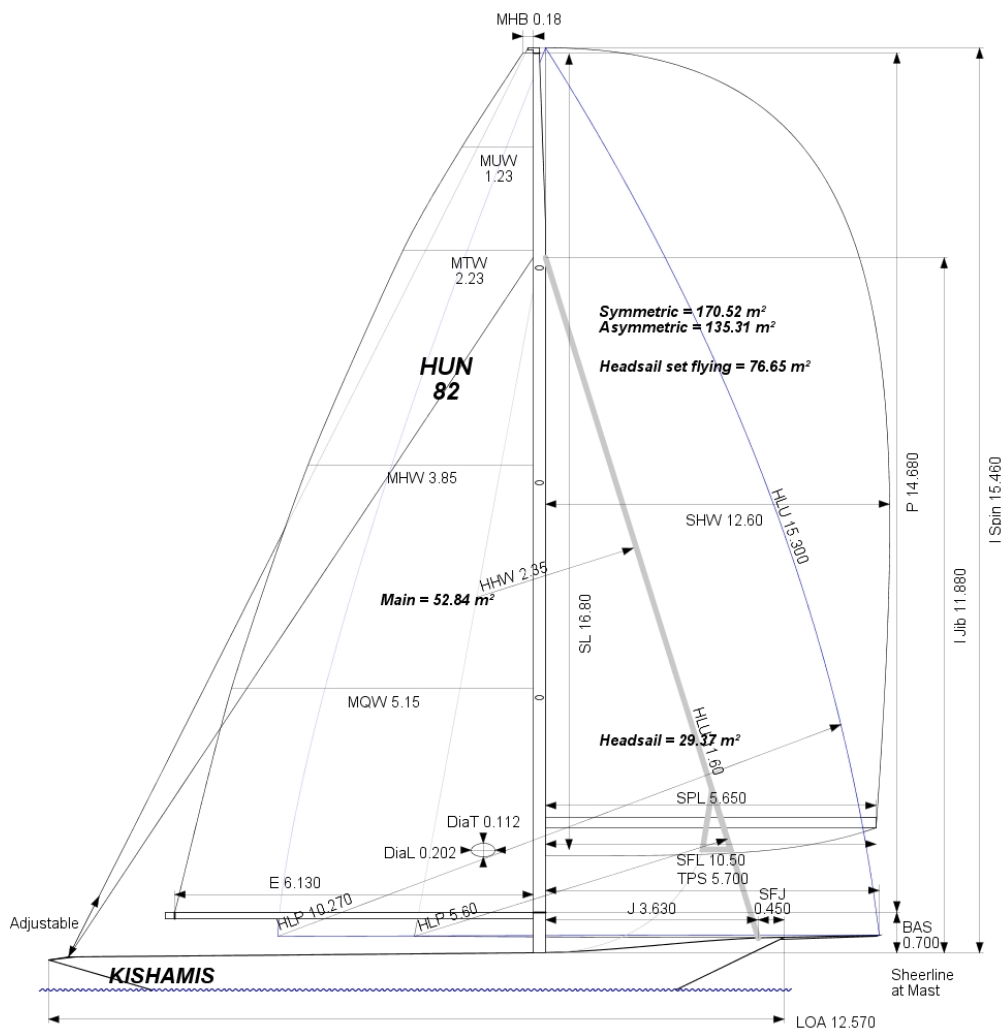
Limit Positive Stab.: **140.6°**
Stability Index: **147.1**

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		606.8		Data File HUN8-2	LOA 12.570m	
				Offset File kishamis.off	MB 2.932m	
				Displacement 7,000kg	Draft 1.617m	
CLASS		IMS Division Cruiser/Racer Dynamic All. 0.154%				
Class 8mR		Plan Review Construction Solid				
Designer G. L Watson		Fiber Rigging No Aramid Core No				
Builder Balatonfüred SY		Crew Arm Ex Carbon Rudder No				
Series 12/1900		Light Stanchions No				
Age Date 12/1900		IMSL 9.398m VCGD -0.667m Sink 17.17kg/mm				
Age Allowance 0.487%		RL 8.061m VCGM -0.500m WS 27.29m²				
		LSM0 8.798m Displacement/Length ratio 10.2789				
COMMENTS		Water Ballast 0 Trim Tab No				
		BLR Index 0.0000				
PROPELLER		CENTERBOARD				
Type No Propeller		N/A				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	595.0			666.2		
Time on Time	1.0085			1.0132		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	683.2	541.4	486.8	891.0	669.9	584.0
Time on Time	0.9880	1.2467	1.3865	0.7576	1.0076	1.1559

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ORC Club Certificate Appendix

BOAT	
Name	Kishamis
Certificate Number	020/20
Sail Nr	HUN 8-2
Issued On	25/08/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1057.1	889.4	794.2	743.7	717.8	702.0	688.1
52°	673.4	565.6	520.9	502.8	492.6	487.9	482.8
60°	620.5	530.0	499.7	486.1	477.8	472.4	467.2
75°	574.4	508.0	482.6	469.4	461.4	456.2	446.6
90°	566.7	502.4	476.9	461.2	448.2	439.6	424.4
110°	586.5	505.7	473.2	450.6	432.8	421.2	404.7
120°	612.5	510.4	472.6	452.1	430.7	414.0	389.9
135°	668.8	537.1	485.9	458.2	432.1	408.9	380.5
150°	774.4	626.4	531.2	484.7	459.3	435.3	393.0
Run VMG	894.2	723.3	613.0	547.9	505.7	476.9	431.6
Selected Courses							
Windward / Leeward	975.6	806.3	703.6	645.8	611.7	589.5	559.9
Circular Random	823.2	670.4	589.6	543.1	514.5	495.6	471.2
Coastal / Long Distance	967.5	753.5	632.7	564.9	526.6	496.6	450.4
Non Spinnaker	926.6	742.6	641.9	582.0	544.5	519.9	490.3

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	45.8°	45.8°	44.3°	42.4°	41.3°	40.5°	39.6°
Beat VMG	3.41	4.05	4.53	4.84	5.02	5.13	5.23
52°	5.35	6.36	6.91	7.16	7.31	7.38	7.46
60°	5.80	6.79	7.20	7.41	7.53	7.62	7.71
75°	6.27	7.09	7.46	7.67	7.80	7.89	8.06
90°	6.35	7.17	7.55	7.81	8.03	8.19	8.48
110°	6.14	7.12	7.61	7.99	8.32	8.55	8.89
120°	5.88	7.05	7.62	7.96	8.36	8.70	9.23
135°	5.38	6.70	7.41	7.86	8.33	8.80	9.46
150°	4.65	5.75	6.78	7.43	7.84	8.27	9.16
Run VMG	4.03	4.98	5.87	6.57	7.12	7.55	8.34
Gybe Angles	146.5°	148.0°	150.5°	158.0°	180.0°	180.0°	180.0°