



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 **016/20**
Issued On **30/06/2020**
ORC Ref **03880000LOC**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 774kg
Maximum **350kg**
Minimum* **263kg**
**when applied by the NoR and SI*
Non Manual Pwr

Special Scoring

ToD ToT
Non Spin GPH **676.2 0.8873**
Non Spin OSN **654.7 0.9165**

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes 79.84**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 9.463

Stability (Measured)

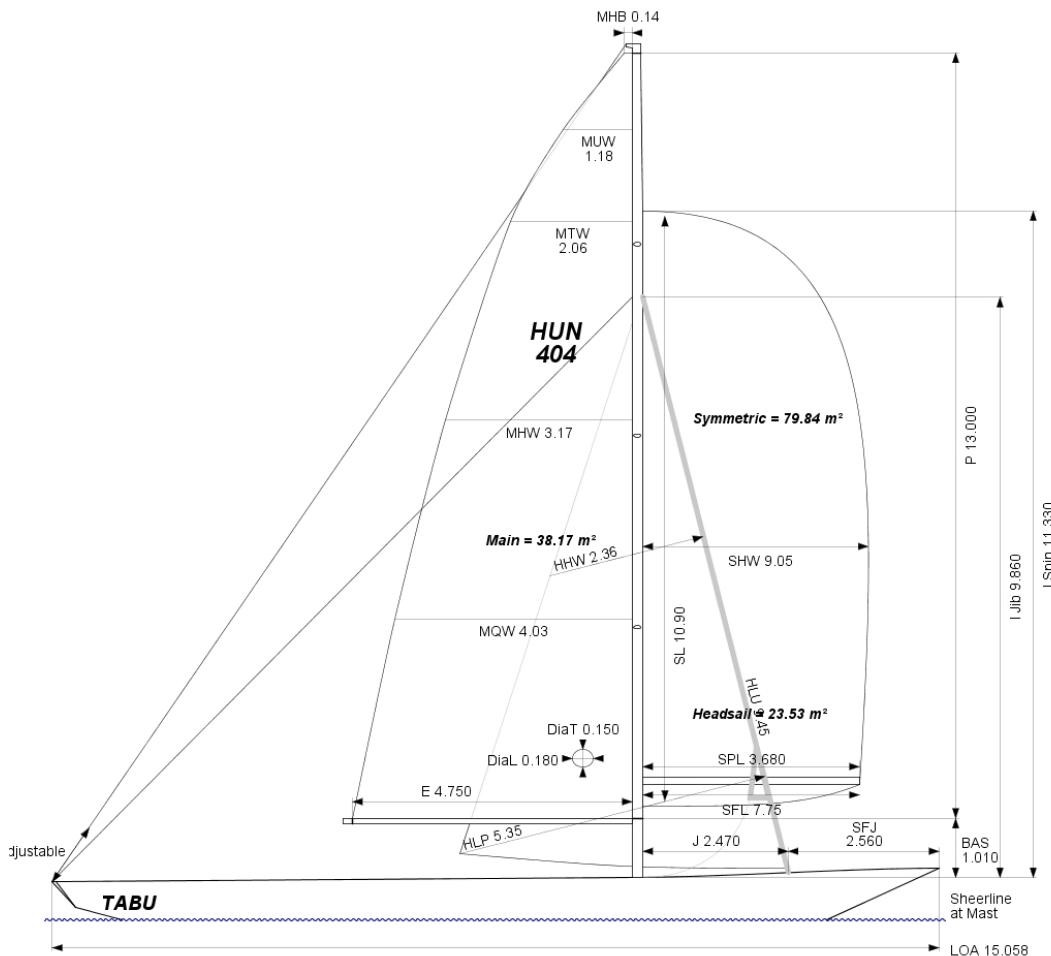
Limit Positive Stab.: **124.5°**
Stability Index: **131.3**

Owner

Dr Lajos Kollár
Jakabhegyi út 26
7635 Pécs
HUNGARY

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

Signature



BOAT		GPH		HULL					
Name Tabu		637.7		Data File HUN 40-4	LOA 15.058m				
Sail Nr HUN 40-4				Offset File tabu.off	MB 2.358m				
				Displacement 5,852kg	Draft 1.717m				
CLASS				IMS Division Cruiser/Racer	Dynamic All. 0.416%				
Class 40 Skerry Cruiser				Plan Review	Construction Solid				
Designer Jenő Benacsek				Fiber Rigging No	Aramid Core No				
Builder Balatonfüred SY				Crew Arm Ex	Carbon Rudder No				
Series 01/1942				Light Stanchions No					
Age Date 01/1942				IMSL 11.758m	VCGD -0.327m	Sink 17.69kg/mm			
Age Allowance 0.487%				RL 7.195m	VCGM -0.234m	WS 28.09m²			
COMMENTS				LSM0 10.856m	Displacement/Length ratio 4.5740				
WOODEN BENT MAST				Water Ballast	Trim Tab No				
				BLR Index 0.0000					
PROPELLER				CENTERBOARD					
Installation Strut	PRD 0.390			N/A					
Type Folding 3 blades	PBW 0.100								
	PIPA 0.0038								
SCORING OPTIONS									
	COASTAL / LONG DISTANCE					WINDWARD / LEEWARD			
Time on Distance	618.0					707.5			
Time on Time	0.9709					0.9541			
Triple Number	Low	Medium	High	Low	Medium	High			
Time on Distance	761.8	554.6	491.3	1004.5	709.3	612.0			
Time on Time	0.8861	1.2172	1.3739	0.6720	0.9516	1.1029			

2020

ORC Club Certificate Appendix

BOAT	
Name Tabu	Certificate Number 016/20
Sail Nr HUN 40-4	Issued On 30/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1182.7	942.8	831.1	787.2	768.0	759.6	763.8
52°	756.2	611.6	538.8	509.5	497.2	491.6	491.6
60°	703.8	573.0	504.0	476.8	466.5	461.7	459.7
75°	663.0	541.9	476.8	450.3	438.7	433.2	428.6
90°	660.2	533.5	474.6	444.2	427.0	414.5	401.9
110°	647.3	515.8	454.3	434.2	421.5	409.7	388.8
120°	670.6	529.5	458.9	428.4	408.9	395.2	373.3
135°	774.9	595.1	492.2	445.8	419.4	393.8	347.8
150°	925.6	713.3	577.1	493.8	449.5	423.8	376.1
Run VMG	1068.7	823.6	666.4	569.7	512.0	470.7	416.9
Selected Courses							
Windward / Leeward	1125.7	883.2	748.8	678.5	640.0	615.1	590.3
Circular Random	906.4	718.0	616.0	557.4	522.7	501.2	476.4
Coastal / Long Distance	1120.0	824.0	663.8	575.9	530.0	496.1	444.3
Non Spinnaker	974.6	767.0	652.8	585.3	543.9	517.6	487.7

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	45.0°	43.5°	43.5°	43.5°	43.5°	43.9°	44.6°
Beat VMG	3.04	3.82	4.33	4.57	4.69	4.74	4.71
52°	4.76	5.89	6.68	7.07	7.24	7.32	7.32
60°	5.11	6.28	7.14	7.55	7.72	7.80	7.83
75°	5.43	6.64	7.55	7.99	8.21	8.31	8.40
90°	5.45	6.75	7.59	8.10	8.43	8.68	8.96
110°	5.56	6.98	7.92	8.29	8.54	8.79	9.26
120°	5.37	6.80	7.84	8.40	8.80	9.11	9.64
135°	4.65	6.05	7.31	8.08	8.58	9.14	10.35
150°	3.89	5.05	6.24	7.29	8.01	8.49	9.57
Run VMG	3.37	4.37	5.40	6.32	7.03	7.65	8.64
Gybe Angles	144.0°	147.0°	143.0°	151.0°	157.0°	172.0°	180.0°