



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **006/18**
Issued On **18/05/2018**
ORC Ref **HUN10014275**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

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	674.9	0.8890
Non Spin OSN	652.9	0.9189

Sails Limitations

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

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

Class Division Length

CDL = 9.539

Stability (Measured)

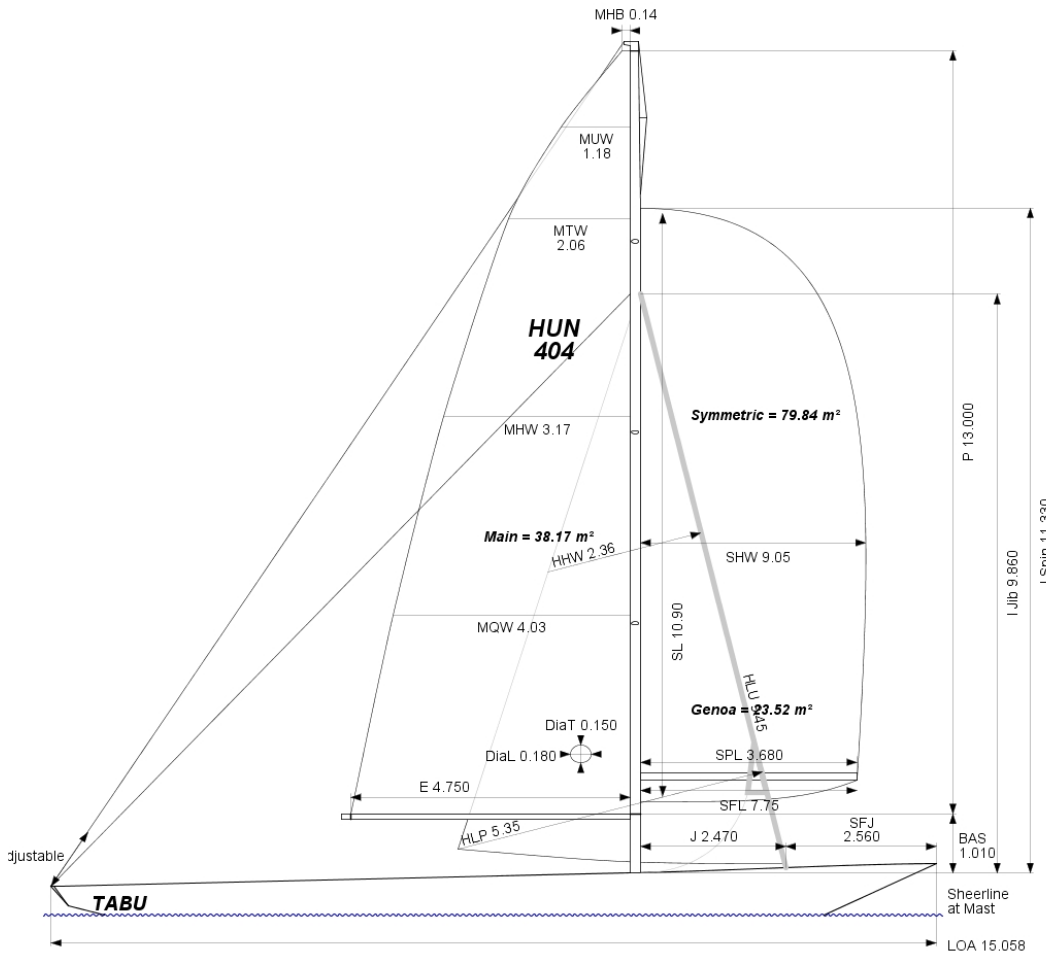
Limit Positive Stab.: **124.5°**
Stability Index: **131.3**

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 Sail Nr HUN 40-4	635.7	Data File HUN 40-4 LOA 15.058m Offset File tabu.off MB 2.358m Displacement 5,852kg Draft 1.717m
CLASS Class 40 Skerry Cruiser Designer Jenő Benacsek Builder Balatonfüred SY Series 01/1942 Age Date 01/1942 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.415% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS WOODEN BENT MAST		IMSL 11.758m VCGD -0.327m Sink 17.69kg/mm RL 7.319m VCGM -0.234m WS 28.09m² LSM0 10.856m Displacement/Length ratio 4.5740
PROPELLER Installation Strut PRD 0.390 Type Folding 3 or 4 blades PBW 0.100 PIPA 0.0038		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	615.7	704.6
Time on Time	0.9744	0.9581
Triple Number	Low Medium High	Low Medium High
Time on Distance	760.9 552.6 487.3	1003.1 707.1 606.4
Time on Time	0.8871 1.2216 1.3852	0.6729 0.9546 1.1132



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ORC Club Certificate Appendix

BOAT	
Name Tabu	Certificate Number 006/18
Sail Nr HUN 40-4	Issued On 18/05/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1174.1	935.7	824.7	780.5	759.6	749.3	746.5
52°	753.5	607.1	534.5	504.8	491.9	485.4	482.4
60°	703.3	568.9	500.4	473.0	462.6	457.2	453.5
75°	666.0	538.4	474.4	448.3	436.1	430.2	424.4
90°	656.8	530.1	472.4	442.8	425.4	412.4	398.1
110°	648.7	514.8	453.4	432.9	420.1	408.2	387.7
120°	674.8	530.0	458.7	428.2	407.9	394.2	372.1
135°	780.4	599.4	494.0	446.5	419.9	394.6	347.8
150°	931.2	716.8	580.4	495.4	450.4	424.7	377.4
Run VMG	1075.3	827.7	670.2	571.7	513.3	471.7	417.6

Selected Courses							
Windward / Leeward	1124.7	881.7	747.4	676.1	636.5	610.5	582.1
Circular Random	905.2	716.4	614.0	554.9	519.6	497.4	470.7
Coastal / Long Distance	1119.8	822.6	662.3	573.7	527.1	492.9	440.2
Non Spinnaker	975.0	766.5	651.5	583.3	541.2	514.1	482.1

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	44.7°	43.9°	43.4°	43.6°	43.8°	43.8°	44.5°
Beat VMG	3.07	3.85	4.37	4.61	4.74	4.80	4.82
52°	4.78	5.93	6.74	7.13	7.32	7.42	7.46
60°	5.12	6.33	7.19	7.61	7.78	7.87	7.94
75°	5.41	6.69	7.59	8.03	8.26	8.37	8.48
90°	5.48	6.79	7.62	8.13	8.46	8.73	9.04
110°	5.55	6.99	7.94	8.32	8.57	8.82	9.28
120°	5.34	6.79	7.85	8.41	8.83	9.13	9.67
135°	4.61	6.01	7.29	8.06	8.57	9.12	10.35
150°	3.87	5.02	6.20	7.27	7.99	8.48	9.54
Run VMG	3.35	4.35	5.37	6.30	7.01	7.63	8.62
Gybe Angles	143.8°	147.0°	142.9°	150.7°	156.4°	171.7°	180.0°