



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **020/18**
Issued On **21/06/2018**
ORC Ref **HUN10014749**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 630kg
Maximum **630kg**
Minimum* **473kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	671.1	0.8941
Non Spin OSN	651.3	0.9212

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes** **77.97**
Asymmetric: **Yes** **100.50**
Flying H/S: **Yes** **54.75**
Spin. Pole: **Yes**

Class Division Length

CDL = 8.695

Stability (Estimated)

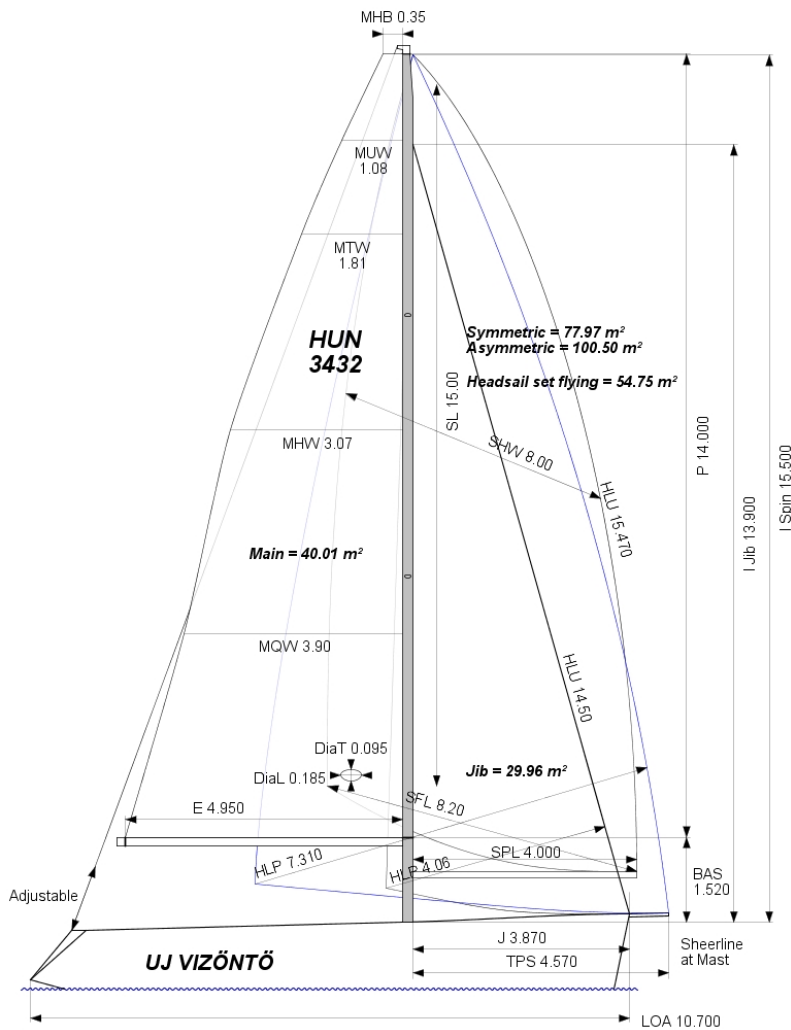
Limit Positive Stab.: **118.6°**
Stability Index: **123.4**

Owner

Dr Csikós János
Hadik A u 27b Hungary
1125 Budapest

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

Signature



BOAT	GPH	HULL
Name Uj Vizöntő Sail Nr HUN-3432	623.3	Data File HUN3432 LOA 10.700m Offset File DE34JVCL.OFF MB 3.248m Displacement 5,953kg Draft 2.004m
CLASS Class DEHLER 34 Designer JUDEL-VROLIJK Builder DEHLER Series 08/2002 Age Date 08/2002 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.045% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 9.445m VCGD 0.130m Sink 17.69kg/mm RL 7.943m VCGM 0.090m WS 24.58m² LSMO 9.393m Displacement/Length ratio 7.1833
PROPELLER Installation Strut PRD 0.406 Type Feathering 2 blades PBW 0.100 PIPA 0.0031		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	612.4	682.7
Time on Time	0.9797	0.9888
Triple Number	Low Medium High	Low Medium High
Time on Distance	687.7 560.2 511.4	887.7 686.3 607.8
Time on Time	0.9816 1.2049 1.3198	0.7604 0.9836 1.1105



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ORC Club Certificate Appendix

BOAT		Certificate Number	020/18
Name	Uj Vizöntö	Issued On	21/06/2018
Sail Nr	HUN-3432		

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	982.2	840.6	779.6	749.2	732.6	726.5	712.6
52°	646.5	558.7	531.2	520.5	514.9	511.8	506.5
60°	607.8	535.4	514.7	505.9	501.0	497.9	494.7
75°	573.5	518.7	499.4	489.6	483.9	479.7	474.4
90°	572.6	517.7	496.4	481.4	469.0	460.3	449.5
110°	622.1	526.8	495.4	475.2	460.6	442.8	425.9
120°	640.0	536.9	499.4	476.3	454.6	436.2	412.6
135°	706.2	579.8	518.7	491.3	468.6	445.1	404.0
150°	828.7	667.6	568.8	517.0	491.6	470.3	427.4
Run VMG	956.9	771.0	655.1	582.7	531.2	501.0	459.1
Selected Courses							
Windward / Leeward	969.5	805.8	717.4	666.0	631.9	613.8	585.8
Circular Random	833.0	683.6	606.3	563.0	536.8	519.5	495.8
Coastal / Long Distance	968.3	757.5	648.5	585.2	549.2	521.8	476.6
Non Spinnaker	929.3	747.9	650.6	594.3	560.3	538.6	511.4

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	42.4°	41.3°	41.3°	39.9°	39.1°	39.0°	38.6°
Beat VMG	3.67	4.28	4.62	4.81	4.91	4.96	5.05
52°	5.57	6.44	6.78	6.92	6.99	7.03	7.11
60°	5.92	6.72	6.99	7.12	7.19	7.23	7.28
75°	6.28	6.94	7.21	7.35	7.44	7.50	7.59
90°	6.29	6.95	7.25	7.48	7.68	7.82	8.01
110°	5.79	6.83	7.27	7.58	7.82	8.13	8.45
120°	5.62	6.71	7.21	7.56	7.92	8.25	8.73
135°	5.10	6.21	6.94	7.33	7.68	8.09	8.91
150°	4.34	5.39	6.33	6.96	7.32	7.65	8.42
Run VMG	3.76	4.67	5.50	6.18	6.78	7.19	7.84
Gybe Angles	145.5°	150.4°	151.7°	159.6°	180.0°	180.0°	180.0°