



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

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



Certificate

Number **011/18**
Issued On **06/06/2018**
ORC Ref **HUN10014530**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 561kg
Maximum **561kg**
Minimum* **421kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **673.5 0.8909**
Non Spin OSN **649.6 0.9237**

Sails Limitations

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

Spinnaker configuration

Symmetric: **No**
Asymmetric: **Yes 92.92**
Flying H/S: **No**
Spin. Pole: **No**

Class Division Length

CDL = **8.747**

Stability (Estimated)

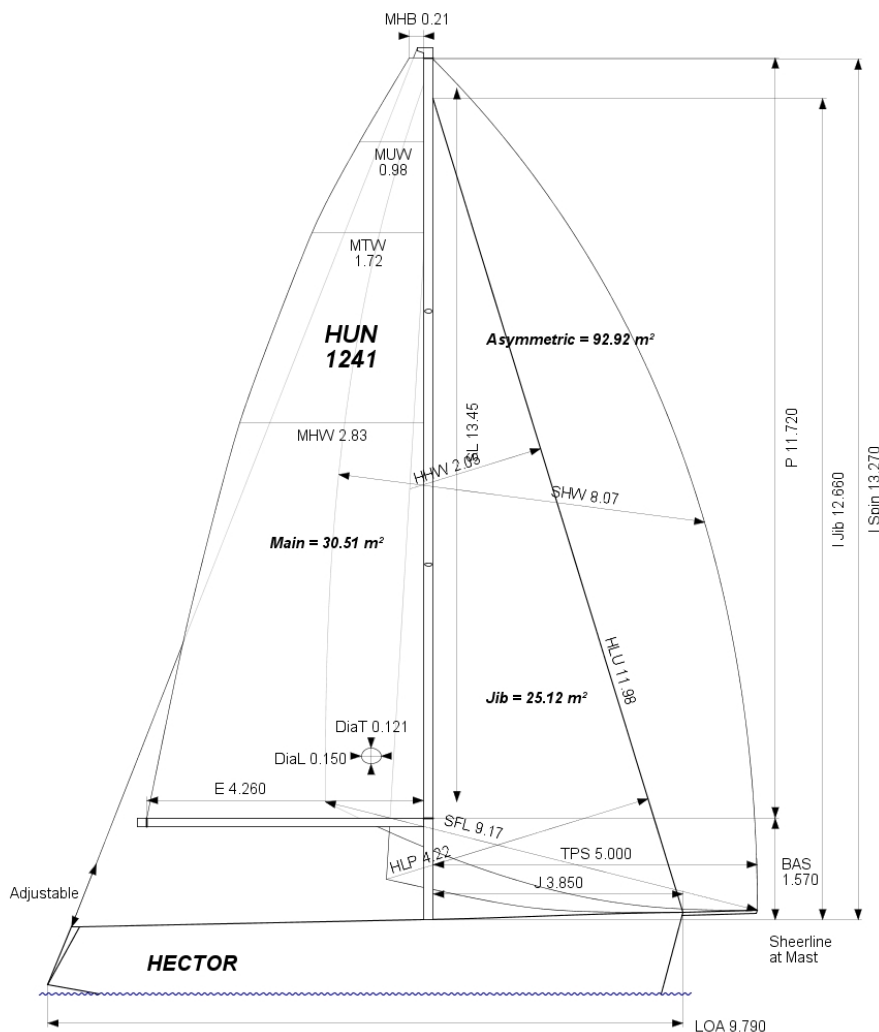
Limit Positive Stab.: **117.5°**
Stability Index: **112.2**

Owner

Galindó Car Kft
1147 Budapest
Telepes utca 64. A.ép. Fsz:1.

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

Signature



BOAT		GPH		HULL		
Name Hector Sail Nr HUN-1241		628.4		Data File HUN1241 LOA 9.790m Offset File SF3200(DT).OFF MB 3.434m Displacement 3,402kg Draft 1.916m		
CLASS		IMS Division Cruiser/Racer Dynamic All. 0.184%		Fwd Accom. No Construction Cored		
Class Sun Fast 3200		Fiber Rigging No Aramid Core No		Crew Arm Ex No Carbon Rudder No		
Designer ANDRIEU Daniel		Light Stanchions No		IMSL 9.061m VCGD 0.000m Sink 16.30kg/mm		
Builder Jeanneau		RL 8.431m VCGM 0.045m WS 21.00m²		LSM0 8.665m Displacement/Length ratio 5.2291		
Series 01/2008		Water Ballast 0 Trim Tab No		CENTERBOARD		
Age Date 01/2008		BLR Index 0.0000		N/A		
Age Allowance 0.325%		COMMENTS				
		Twin rudder				
PROPELLER		INSTALLATION				
Installation Strut		PRD 0.385				
Type Folding 2 blades		PBW 0.100				
		PIPA 0.0032				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	608.9			687.7		
Time on Time	0.9854			0.9816		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	725.9	554.6	492.6	940.9	689.1	607.2
Time on Time	0.9299	1.2170	1.3703	0.7174	0.9796	1.1116



World Leader in Rating Technology

2018

ORC Club Certificate Appendix

BOAT	
Name Hector	Certificate Number 011/18
Sail Nr HUN-1241	Issued On 06/06/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1106.0	901.5	786.2	727.2	710.5	705.6	701.8
52°	722.3	598.3	535.2	509.5	500.7	497.3	494.0
60°	682.0	569.8	519.6	496.5	484.6	479.8	477.2
75°	652.2	550.3	508.7	484.5	464.1	450.3	441.9
90°	633.2	527.7	492.5	478.3	459.7	437.2	406.0
110°	622.3	519.6	479.5	447.4	426.3	410.7	382.6
120°	639.8	529.0	486.0	450.4	416.4	389.1	357.4
135°	717.9	574.5	508.4	474.7	441.4	408.9	340.6
150°	849.1	671.7	566.8	513.5	487.5	464.0	404.0
Run VMG	980.5	775.6	654.4	592.8	562.1	517.4	465.4
Selected Courses							
Windward / Leeward	1043.3	838.5	720.3	660.0	636.3	611.5	583.6
Circular Random	871.1	700.5	609.1	556.4	523.9	502.0	472.0
Coastal / Long Distance	1037.0	785.7	649.3	574.0	536.1	501.8	447.0
Non Spinnaker	954.9	758.9	651.6	588.1	548.5	522.4	488.7

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	43.2°	41.9°	41.2°	39.7°	39.1°	39.1°	39.5°
Beat VMG	3.25	3.99	4.58	4.95	5.07	5.10	5.13
52°	4.98	6.02	6.73	7.07	7.19	7.24	7.29
60°	5.28	6.32	6.93	7.25	7.43	7.50	7.54
75°	5.52	6.54	7.08	7.43	7.76	8.00	8.15
90°	5.69	6.82	7.31	7.53	7.83	8.23	8.87
110°	5.79	6.93	7.51	8.05	8.44	8.77	9.41
120°	5.63	6.81	7.41	7.99	8.65	9.25	10.07
135°	5.01	6.27	7.08	7.58	8.16	8.80	10.57
150°	4.24	5.36	6.35	7.01	7.38	7.76	8.91
Run VMG	3.67	4.64	5.50	6.07	6.40	6.96	7.73
Gybe Angles	144.3°	147.6°	148.0°	150.2°	173.8°	176.6°	176.8°