

GPH = 761.0 **CDL = 7.135**

BOAT

Class **SUN ODYSSEY 30 I**
Designer **Marc Lombard**
Builder **Jeanneau**
Age Date **01/2008**
Series Date **01/2008**
Offset File **SO30I_CL.off**

HULL

Length Overall **8.790 m**
Maximum Beam **3.180 m**
Draft **1.768 m**
Displacement **3,996 kg**
DLR **7.3167**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.365%**
Age Allowance **0.422%**

PROPELLER

Installation **Shaft exposed**
Type **Folding 3 blades**
Diameter **0.300m**

CREW

Maximum weight **120 kg**
Minimum weight **120 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	23.41	23.80
Headsail Luffed	18.92	18.92
Headsail Flying		

Symmetric
Asymmetric

SAIL LIMITATIONS

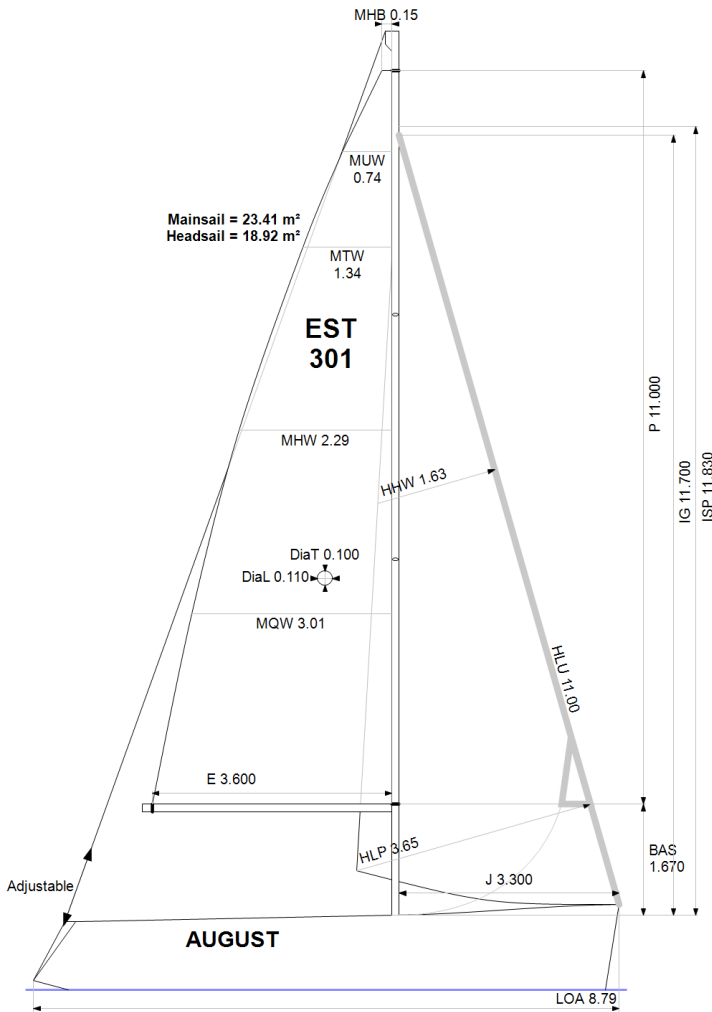
Headsails **1**
Spinnakers **0** * No spinnaker pole aboard

STABILITY

Righting Moment **77.4 kg·m**
Stability Index **N/A**

OWNER

The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.



Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.5°	41.6°	41.3°	41.3°	41.1°	41.3°	42.4°
Beat VMG	2.83	3.42	3.86	4.19	4.34	4.36	4.27
52°	4.34	5.14	5.78	6.19	6.36	6.41	6.36
60°	4.60	5.40	6.04	6.39	6.56	6.63	6.63
75°	4.81	5.64	6.24	6.55	6.75	6.89	7.00
90°	4.77	5.62	6.25	6.59	6.83	7.04	7.34
110°	4.39	5.30	6.05	6.50	6.77	7.01	7.51
120°	4.10	5.02	5.79	6.35	6.67	6.91	7.42
135°	3.57	4.52	5.28	5.95	6.42	6.71	7.19
150°	3.07	4.00	4.78	5.46	6.06	6.47	6.97
Run VMG	2.73	3.60	4.38	5.07	5.70	6.23	6.83
Gybe Angles	179.0°	180.0°	180.0°	180.0°	180.0°	180.0°	180.0°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1270.2	1051.6	932.4	859.8	829.0	824.8	842.8
52°	828.6	701.0	622.8	581.8	565.6	561.7	566.1
60°	782.8	666.1	595.8	563.2	548.4	542.9	543.1
75°	748.8	637.7	576.9	549.3	533.4	522.8	514.6
90°	755.0	640.3	575.6	546.2	527.4	511.5	490.6
110°	820.6	679.2	595.3	554.2	531.7	513.8	479.1
120°	877.5	717.4	621.6	566.8	539.6	520.7	485.1
135°	1007.1	797.0	682.2	604.6	560.8	536.8	501.0
150°	1171.1	900.0	753.4	659.9	593.9	556.4	516.7
Run VMG	1320.5	1000.2	821.4	710.6	632.1	578.1	527.0
Selected Courses							
Windward / Leeward	1295.4	1025.9	876.9	785.2	730.6	701.5	684.9
All purpose	992.2	805.9	701.8	641.0	606.7	588.5	572.5

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	828.8	0.7239
All purpose	671.7	0.8933

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	734.5	0.8169
Triple Number Coastal/Long Distance Low	899.0	0.6674
Triple Number Coastal/Long Distance Medium	666.4	0.9003
Triple Number Coastal/Long Distance High	587.0	1.0221
Triple Number Windward/Leeward Low	1160.5	0.5170
Triple Number Windward/Leeward Medium	822.1	0.7298
Triple Number Windward/Leeward High	702.5	0.8541

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1297.9	966.9	792.5	687.6	631.7	595.7	543.8