

GPH = **589.6** CDL = **10.393**

**BOAT**

Class **Briis 38**  
Designer **B.Jakovlev**  
Builder **Master Yacht Int.**  
Age Date **08/2005**  
Series Date **08/2005**  
Offset File **SAMA.OFF**

**HULL**

Length Overall **11.680 m**  
Maximum Beam **3.900 m**  
Draft **2.380 m**  
Displacement **6,700 kg**  
DLR **5.0662**  
IMS Division **Cruiser/Racer**  
Dynamic Allowance **0.066%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **Strut**  
Type **Folding 2 blades**  
Diameter **0.410m**

**CREW**

Maximum weight **560 kg**  
Minimum weight **420 kg \* when applied**  
Non Manual Power **No**  
Crew Arm Extension

**SAIL AREAS (m<sup>2</sup>)**

	Measured	Rated
Mainsail	<b>47.33</b>	<b>48.13</b>
Headsail Luffed	<b>41.63</b>	<b>41.63</b>
Headsail Flying		
Symmetric	<b>103.33</b>	<b>103.33</b>
Asymmetric		

**SAIL LIMITATIONS**

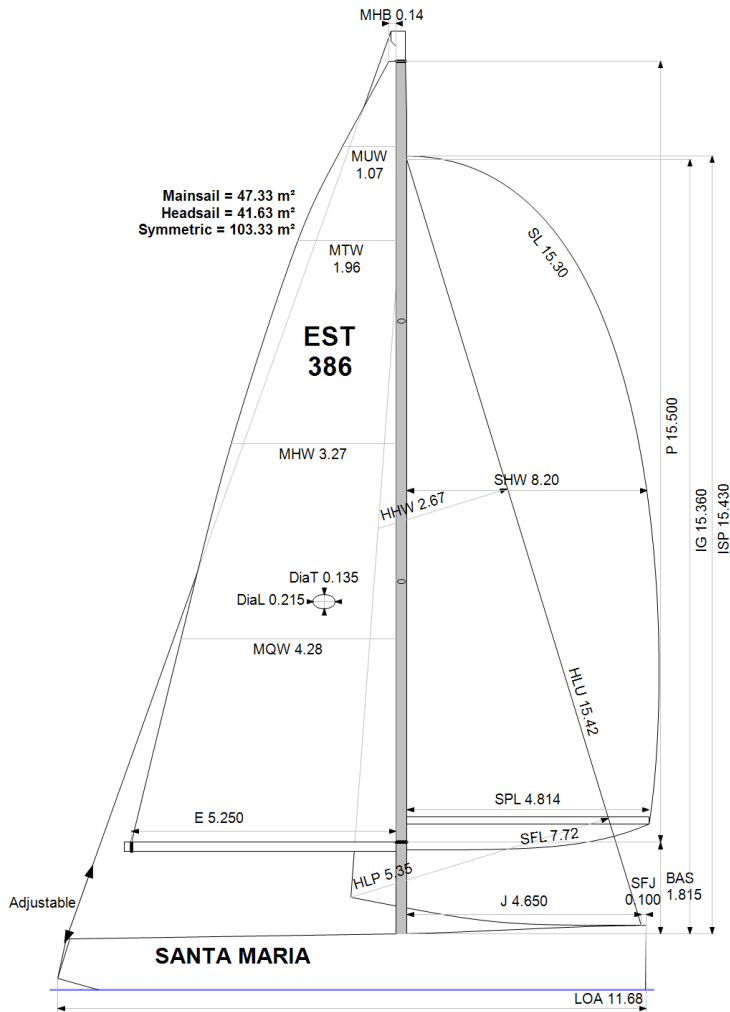
Headsails **6**  
Spinnakers **4**

**STABILITY**

Righting Moment **167.1 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	42.4°	40.9°	40.1°	39.0°	38.3°	37.9°	37.5°
Beat VMG	3.71	4.48	5.04	5.32	5.45	5.51	5.60
52°	5.63	6.68	7.29	7.56	7.67	7.72	7.79
60°	5.94	6.97	7.49	7.74	7.88	7.95	8.00
75°	6.21	7.18	7.64	7.92	8.15	8.34	8.52
90°	6.15	7.16	7.66	7.97	8.26	8.56	9.06
110°	5.96	7.18	7.79	8.21	8.60	8.86	9.33
120°	5.79	7.04	7.71	8.15	8.63	9.12	9.80
135°	5.22	6.44	7.34	7.83	8.26	8.75	9.93
150°	4.37	5.50	6.52	7.33	7.81	8.20	9.16
Run VMG	3.79	4.76	5.65	6.42	7.06	7.61	8.40
Gybe Angles	141.5°	148.0°	150.0°	156.0°	171.0°	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	970.4	803.8	714.8	676.4	660.6	653.8	642.3
52°	639.0	538.5	493.6	476.5	469.7	466.1	462.2
60°	605.6	516.4	480.7	465.2	457.0	452.7	450.1
75°	579.8	501.7	471.3	454.4	441.7	431.6	422.7
90°	585.4	503.0	469.9	452.0	435.8	420.6	397.4
110°	604.0	501.2	462.2	438.7	418.6	406.3	385.8
120°	621.2	511.5	467.1	441.9	417.3	394.6	367.3
135°	690.0	558.9	490.2	459.5	436.1	411.2	362.6
150°	823.0	654.6	552.3	490.9	461.2	439.1	393.1
Run VMG	950.4	755.9	637.7	560.8	509.8	473.1	428.7
Selected Courses							
Windward / Leeward	960.4	779.8	676.3	618.6	585.2	563.4	535.5
All purpose	737.6	608.7	542.9	508.3	487.3	471.2	448.3

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	647.0	0.9274
All purpose	525.8	1.1411

### Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	573.4	1.0465
Triple Number Coastal/Long Distance Low	673.2	0.8913
Triple Number Coastal/Long Distance Medium	523.0	1.1473
Triple Number Coastal/Long Distance High	466.6	1.2858
Triple Number Windward/Leeward Low	870.1	0.6896
Triple Number Windward/Leeward Medium	642.9	0.9333
Triple Number Windward/Leeward High	558.4	1.0745

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	959.4	733.1	610.8	541.9	505.5	476.5	430.2