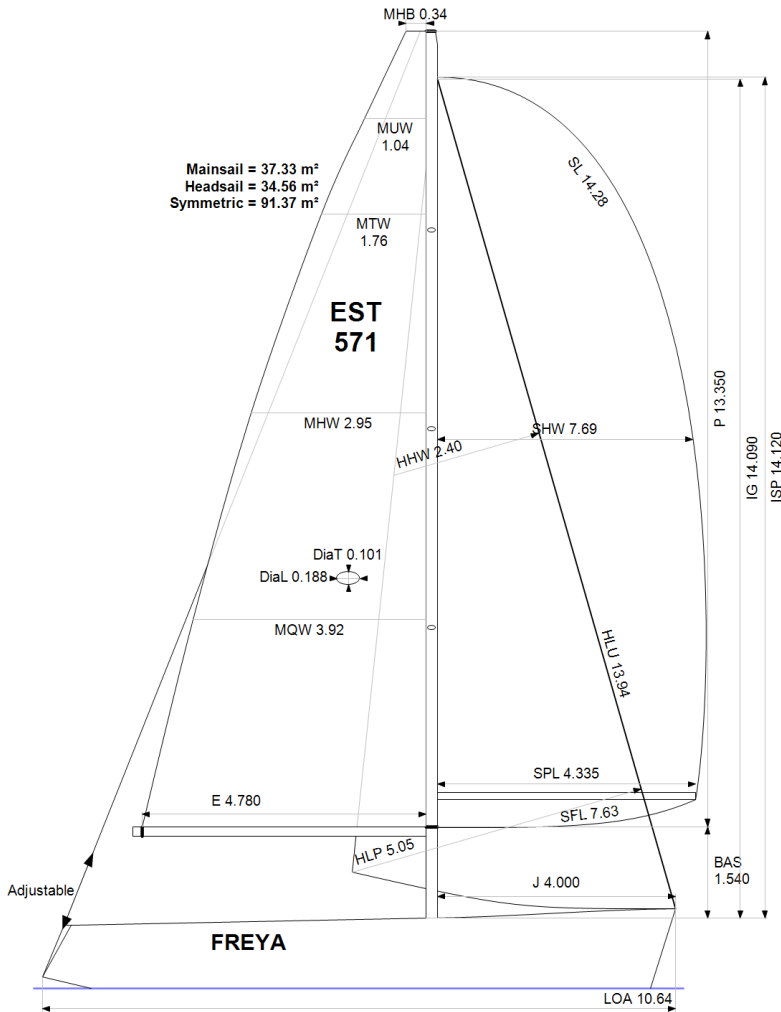


GPH = **629.4** CDL = **9.146**



BOAT

Class **First 36.7**
Designer **B.Farr**
Builder **Beneteau S.A.**
Age Date **07/2008**
Series Date **01/2001**
Offset File **FIRST367.off**

HULL

Length Overall **10.640 m**
Maximum Beam **3.458 m**
Draft **2.235 m**
Displacement **5,801 kg**
DLR **6.5650**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.180%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **670 kg**
Minimum weight **503 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	37.33	38.02
Headsail Luffed	34.56	34.56
Headsail Flying		
Symmetric	91.37	91.37
Asymmetric		

SAIL LIMITATIONS

Headsails **5**
Spinnakers **4**

STABILITY

Righting Moment **134.3 kg·m**
Stability Index **115.8**

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°	40.7°	40.5°	38.8°	37.9°	38.3°	38.3°
Beat VMG	3.42	4.10	4.66	5.02	5.15	5.20	5.22
52°	5.20	6.13	6.78	7.09	7.21	7.27	7.29
60°	5.48	6.42	6.96	7.24	7.40	7.46	7.50
75°	5.72	6.64	7.10	7.39	7.60	7.77	7.91
90°	5.65	6.63	7.21	7.47	7.68	7.94	8.36
110°	5.61	6.74	7.32	7.69	8.05	8.31	8.67
120°	5.45	6.61	7.24	7.63	8.03	8.44	9.06
135°	4.95	6.06	6.91	7.37	7.74	8.15	9.03
150°	4.18	5.24	6.19	6.94	7.36	7.70	8.47
Run VMG	3.62	4.54	5.36	6.10	6.72	7.20	7.89
Gybe Angles	145.0°	150.0°	151.0°	157.0°	174.0°	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	1053.2	877.3	772.6	717.5	699.3	692.2	689.6
52°	692.7	587.2	531.0	507.9	499.1	495.4	493.9
60°	656.4	560.7	516.9	497.0	486.6	482.4	479.8
75°	629.8	542.6	506.7	487.4	473.4	463.2	455.1
90°	637.3	543.0	499.1	482.2	468.8	453.5	430.6
110°	642.2	533.8	492.1	467.9	447.0	433.5	415.0
120°	660.3	545.0	497.3	471.6	448.3	426.3	397.5
135°	726.9	593.7	520.7	488.4	465.2	441.9	398.8
150°	862.3	686.8	581.8	519.0	489.3	467.5	425.0
Run VMG	995.7	793.0	671.2	590.4	535.5	499.7	456.5
Selected Courses							
Windward / Leeward	1024.4	835.2	721.9	654.0	617.4	595.9	573.0
All purpose	789.8	653.6	580.0	540.1	518.1	502.1	482.5

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	687.0	0.8733
All purpose	560.8	1.0698

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	610.9	0.9822
Triple Number Coastal/Long Distance Low	721.7	0.8314
Triple Number Coastal/Long Distance Medium	557.4	1.0765
Triple Number Coastal/Long Distance High	498.8	1.2030
Triple Number Windward/Leeward Low	929.8	0.6453
Triple Number Windward/Leeward Medium	682.6	0.8790
Triple Number Windward/Leeward High	592.7	1.0123

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1021.5	784.9	652.0	575.2	537.4	508.3	462.5