

GPH = **658.9** CDL = **8.556**

BOAT

Class **DELPHIA 37.3**
Designer **SKRZAT**
Builder **Delphia Yachts**
Age Date **01/2012**
Series Date **01/2000**
Offset File **DELP37CL.OFF**

HULL

Length Overall **10.740 m**
Maximum Beam **3.648 m**
Draft **1.929 m**
Displacement **6,217 kg**
DLR **7.0048**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.299%**
Age Allowance **0.487%**

PROPELLER

Installation **Strut**
Type **Folding 3 blades**
Diameter **0.430m**

CREW

Maximum weight **650 kg**
Minimum weight **488 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	32.08	32.58
Headsail Luffed	29.86	29.86
Headsail Flying		
Symmetric	86.58	86.58
Asymmetric		

SAIL LIMITATIONS

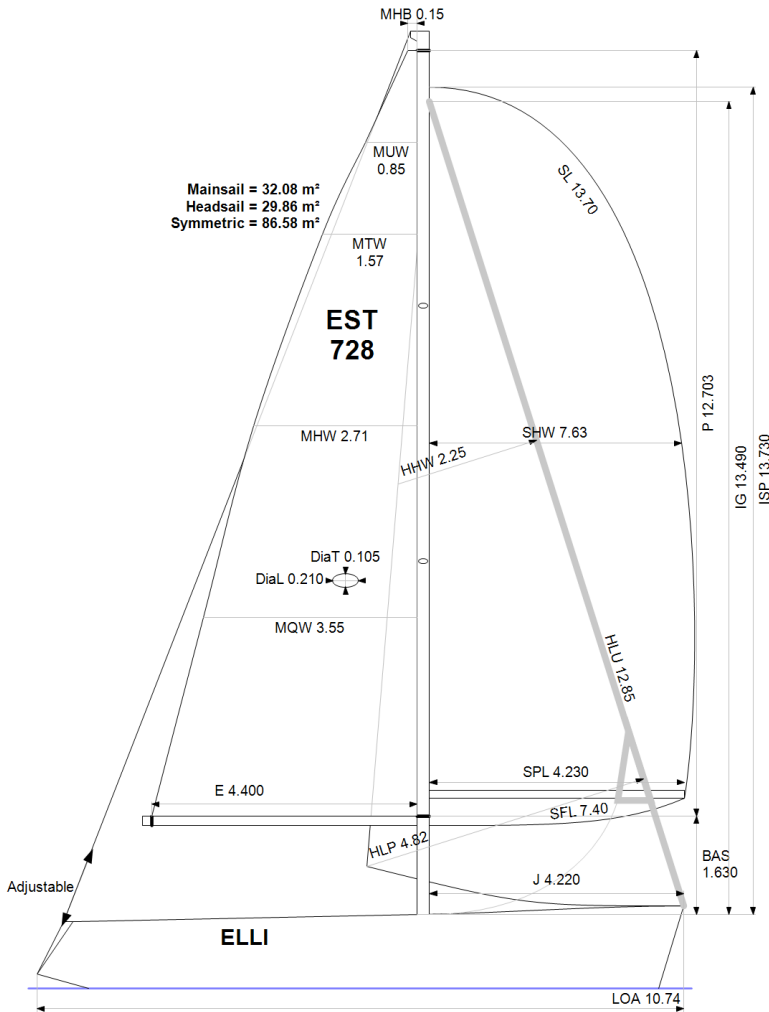
Headsails **1**
Spinnakers **4**

STABILITY

Righting Moment **148.4 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	44.3°	42.8°	42.0°	41.3°	39.8°	39.0°	39.0°
Beat VMG	3.08	3.72	4.22	4.66	4.98	5.14	5.19
52°	4.77	5.65	6.36	6.83	7.09	7.24	7.32
60°	5.06	5.97	6.65	7.02	7.26	7.42	7.55
75°	5.29	6.24	6.86	7.18	7.41	7.61	7.93
90°	5.31	6.39	7.07	7.41	7.58	7.71	8.13
110°	5.40	6.54	7.18	7.55	7.89	8.23	8.62
120°	5.25	6.39	7.10	7.49	7.84	8.22	8.95
135°	4.78	5.84	6.74	7.24	7.59	7.94	8.72
150°	4.04	5.08	6.00	6.78	7.23	7.55	8.23
Run VMG	3.50	4.40	5.20	5.94	6.56	7.07	7.71
Gybe Angles	146.0°	150.0°	151.0°	156.0°	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	1168.5	966.9	853.9	772.9	722.5	700.2	693.7
52°	755.1	636.9	566.3	527.2	507.6	497.2	491.5
60°	711.3	602.7	541.6	512.5	496.0	485.4	476.8
75°	681.1	576.8	525.0	501.1	485.7	472.8	453.8
90°	678.3	563.1	509.0	485.8	474.6	467.1	442.9
110°	667.2	550.3	501.4	476.9	456.1	437.4	417.6
120°	685.5	563.5	507.1	480.7	459.3	438.1	402.3
135°	753.0	615.9	533.8	497.1	474.6	453.4	412.8
150°	891.7	708.1	600.0	530.8	497.7	476.6	437.2
Run VMG	1029.7	817.6	692.3	606.4	548.5	509.0	466.7
Selected Courses							
Windward / Leeward	1099.1	892.3	773.1	689.6	635.5	604.6	580.2
All purpose	844.1	693.6	611.2	561.1	530.4	510.1	488.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	722.3	0.8307
All purpose	583.6	1.0280

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	638.2	0.9401
Triple Number Coastal/Long Distance Low	768.8	0.7804
Triple Number Coastal/Long Distance Medium	581.2	1.0324
Triple Number Coastal/Long Distance High	507.0	1.1835
Triple Number Windward/Leeward Low	995.7	0.6026
Triple Number Windward/Leeward Medium	720.8	0.8324
Triple Number Windward/Leeward High	603.2	0.9947

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1092.1	835.7	692.3	600.0	550.4	517.2	468.1