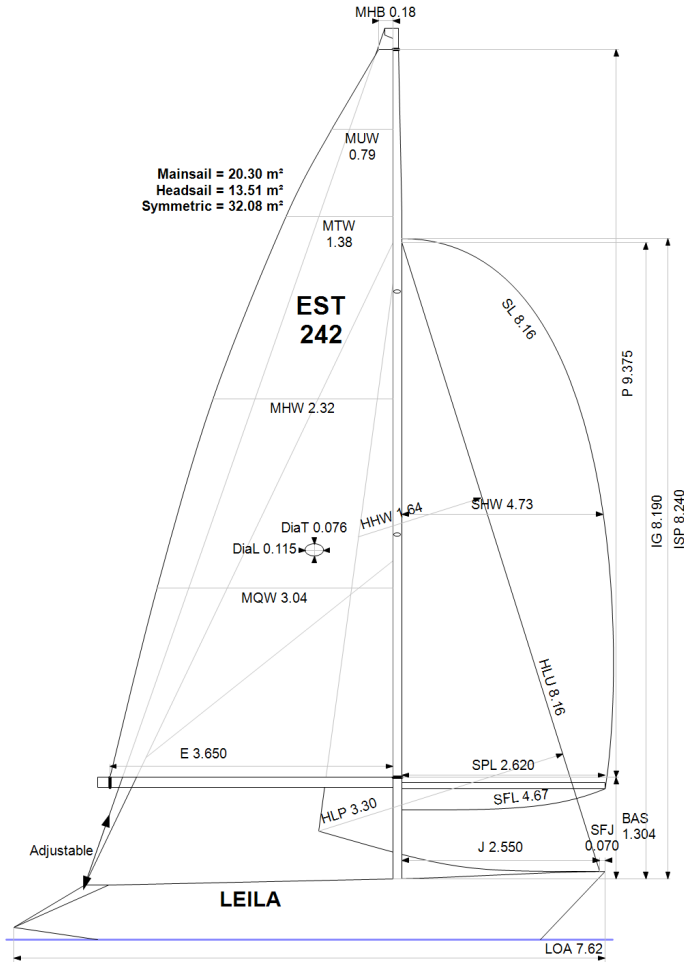


**GPH = 717.5** **CDL = 6.404**



**BOAT**

Class **POLARIS**  
Designer **SET**  
Builder **SET**  
Age Date **01/1998**  
Series Date **06/1984**  
Offset File **Polari17.off**

**HULL**

Length Overall **7.620 m**  
Maximum Beam **2.692 m**  
Draft **1.728 m**  
Displacement **1,692 kg**  
DLR **8.7853**  
IMS Division **Performance**  
Dynamic Allowance **0.011%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **No Propeller**  
Type **N/A**  
Diameter **N/A**

**CREW**

Maximum weight **420 kg**  
Minimum weight **315 kg** \* when applied  
Non Manual Power **No**  
Crew Arm Extension

**SAIL AREAS (m²)**

	Measured	Rated
Mainsail	<b>20.30</b>	<b>20.79</b>
Headsail Luffed	<b>13.51</b>	<b>13.51</b>
Headsail Flying		
Symmetric	<b>32.08</b>	<b>32.08</b>
Asymmetric		

**SAIL LIMITATIONS**

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

**STABILITY**

Righting Moment **30.9 kg·m**  
Stability Index **N/A**

**COMMENTS**

Yacht weight declared by the owner 27.06.14  
(incl. battery 37kg and el. engine 6kg)

**OWNER**

Rated boat velocities in knots							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	41.3°	41.3°	39.0°	36.9°	36.4°	36.4°	37.1°
Beat VMG	3.13	3.72	4.16	4.42	4.50	4.53	4.50
52°	4.71	5.49	5.85	6.05	6.17	6.22	6.24
60°	4.95	5.66	5.96	6.18	6.34	6.43	6.49
75°	5.11	5.76	6.07	6.32	6.56	6.74	6.91
90°	5.08	5.85	6.23	6.56	6.79	6.92	7.28
110°	5.02	5.83	6.23	6.61	6.98	7.31	7.78
120°	4.82	5.70	6.13	6.50	6.87	7.23	7.98
135°	4.33	5.26	5.88	6.23	6.59	6.94	7.66
150°	3.68	4.62	5.43	5.93	6.26	6.60	7.26
Run VMG	3.18	4.00	4.74	5.41	5.90	6.22	6.87
Gybe Angles	148.0°	152.5°	156.0°	180.0°	180.0°	180.0°	180.0°

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

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1150.1	968.1	864.9	814.7	800.2	795.4	800.3
52°	764.0	656.0	615.9	595.2	583.9	578.8	576.5
60°	727.7	636.1	603.6	582.5	567.5	559.8	554.6
75°	704.1	625.2	593.3	569.7	548.7	533.8	521.2
90°	709.1	615.4	578.0	549.2	530.1	520.2	494.3
110°	717.3	617.9	577.9	544.4	516.0	492.2	462.6
120°	746.2	631.2	587.1	554.2	524.1	498.2	451.0
135°	832.2	684.0	612.4	577.5	546.3	518.5	469.7
150°	979.1	779.9	663.2	606.8	574.7	545.4	495.8
Run VMG	1130.5	899.8	760.2	664.9	610.6	578.5	524.2
Selected Courses							
Windward / Leeward	1140.3	934.0	812.6	739.8	705.4	687.0	662.3
All purpose	880.9	738.4	665.2	620.9	597.0	580.4	557.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	777.8	0.7715
All purpose	642.5	0.9339

### Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	697.5	0.8603
Triple Number Coastal/Long Distance Low	809.6	0.7411
Triple Number Coastal/Long Distance Medium	639.5	0.9383
Triple Number Coastal/Long Distance High	575.8	1.0420
Triple Number Windward/Leeward Low	1037.2	0.5785
Triple Number Windward/Leeward Medium	771.6	0.7776
Triple Number Windward/Leeward High	682.3	0.8794

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1139.4	880.3	740.5	660.6	619.9	588.4	532.3

