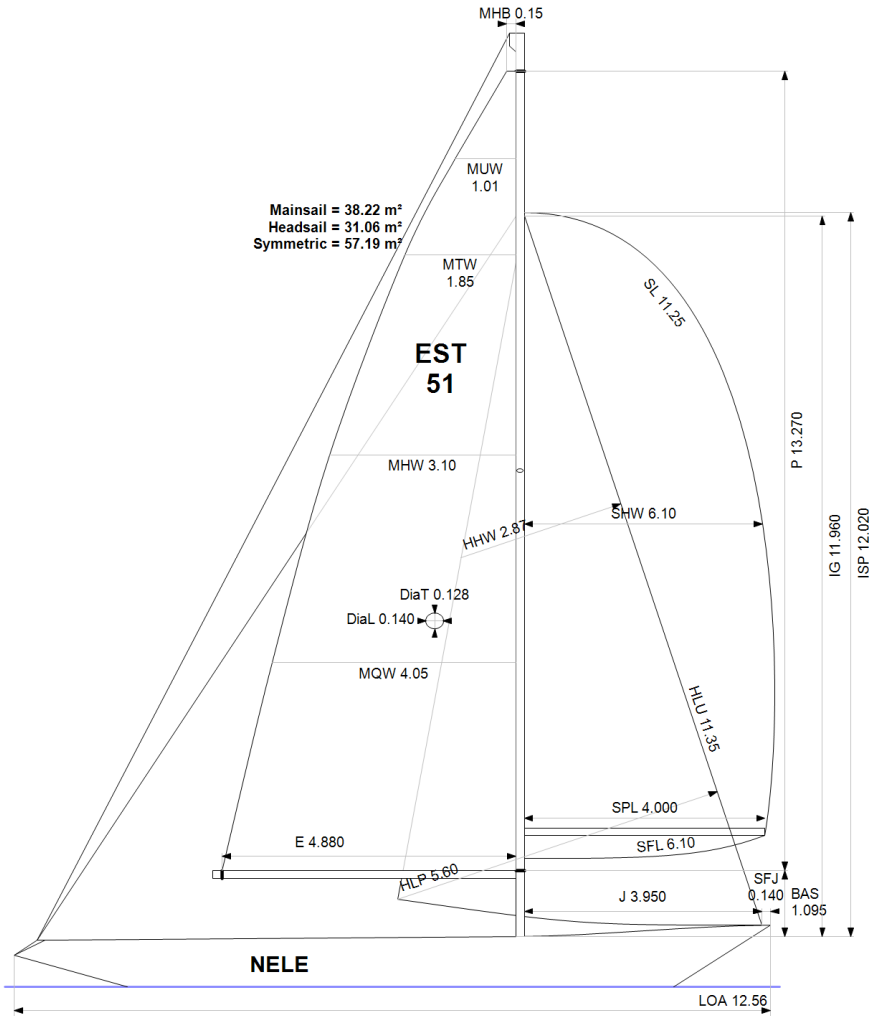


GPH = **687.8** CDL = **7.931**



BOAT

Class **L6**
Designer
Builder **VCSPS**
Age Date **01/1973**
Series Date **01/1963**
Offset File **L6_UKR.off**

HULL

Length Overall **12.560 m**
Maximum Beam **2.772 m**
Draft **1.818 m**
Displacement **6,985 kg**
DLR **11.1902**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.585%**
Age Allowance **0.487%**

PROPELLER

Installation **In Aperture**
Type **Solid 2 blades**
Diameter **0.410m**

CREW

Maximum weight **400 kg**
Minimum weight **300 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	38.22	39.04
Headsail Luffed	31.06	31.06
Headsail Flying		
Symmetric	57.19	57.69
Asymmetric		

SAIL LIMITATIONS

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

STABILITY

Righting Moment **91.5 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	43.1°	41.3°	42.0°	42.8°	42.0°	41.6°	41.3°
Beat VMG	3.08	3.72	4.17	4.46	4.62	4.71	4.79
52°	4.70	5.57	6.30	6.70	6.87	6.96	7.03
60°	4.97	5.88	6.58	6.94	7.12	7.21	7.29
75°	5.18	6.14	6.77	7.10	7.34	7.50	7.64
90°	5.14	6.10	6.84	7.19	7.37	7.60	7.97
110°	5.04	6.13	6.89	7.27	7.58	7.85	8.11
120°	4.86	5.92	6.76	7.19	7.48	7.77	8.35
135°	4.35	5.33	6.25	6.88	7.24	7.54	8.16
150°	3.69	4.69	5.54	6.35	6.90	7.24	7.81
Run VMG	3.20	4.07	4.81	5.54	6.23	6.79	7.43
Gybe Angles	147.0°	152.0°	155.0°	156.0°	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	1168.2	969.0	863.1	807.5	779.0	763.9	751.3
52°	765.3	646.0	571.5	537.7	524.2	517.3	511.8
60°	724.3	612.7	547.4	519.0	505.3	499.3	494.0
75°	694.7	586.8	531.7	507.0	490.5	479.9	471.3
90°	700.3	590.3	525.9	500.5	488.7	473.9	451.9
110°	714.3	587.1	522.7	494.9	474.9	458.8	443.8
120°	740.5	607.6	532.3	501.0	481.1	463.1	431.0
135°	827.6	675.3	575.6	523.0	497.0	477.6	441.2
150°	975.8	767.4	650.2	567.2	521.5	497.1	461.1
Run VMG	1126.7	884.9	747.9	650.3	578.3	529.9	484.3
Selected Courses							
Windward / Leeward	1147.4	926.9	805.5	728.9	678.7	646.9	617.8
All purpose	881.4	723.1	634.2	585.5	555.5	537.4	516.4

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	761.1	0.7883
All purpose	609.5	0.9844

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	667.5	0.8988
Triple Number Coastal/Long Distance Low	802.2	0.7479
Triple Number Coastal/Long Distance Medium	605.6	0.9907
Triple Number Coastal/Long Distance High	534.0	1.1235
Triple Number Windward/Leeward Low	1037.2	0.5785
Triple Number Windward/Leeward Medium	758.3	0.7912
Triple Number Windward/Leeward High	643.9	0.9318

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1145.4	870.4	720.2	627.9	579.0	543.9	491.3