

GPH = 852.6 **CDL = 5.075**

BOAT

Class **FOLKBOAT**
Designer
Builder **SET**
Age Date **01/1969**
Series Date **01/1941**
Offset File **G1746.OFF**

HULL

Length Overall **7.680 m**
Maximum Beam **2.210 m**
Draft **1.210 m**
Displacement **2,195 kg**
DLR **10.1533**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.649%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **240 kg**
Minimum weight **155 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	17.81	18.32
Headsail Luffed	7.16	7.16
Headsail Flying		
Symmetric	24.30	24.30
Asymmetric		

SAIL LIMITATIONS

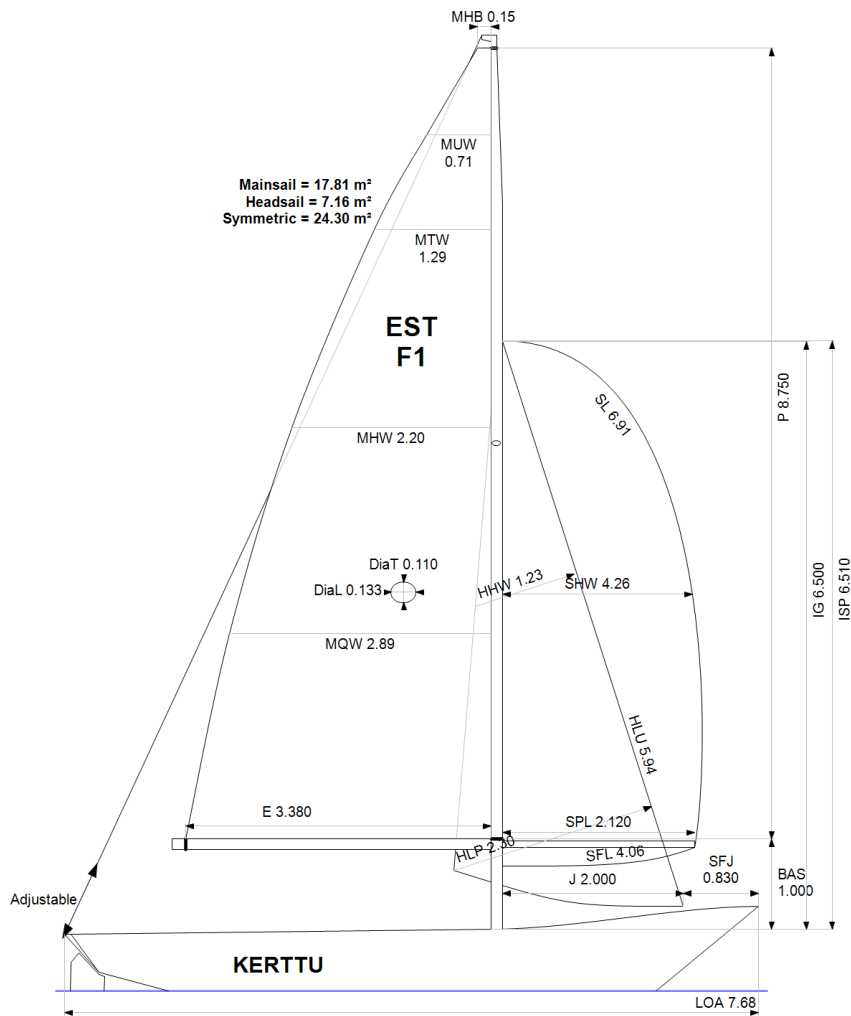
Headsails **5** * Woven polyester sails
Spinnakers **4**

STABILITY

Righting Moment **26.2 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°	42.8°	42.8°	43.1°	43.9°
Beat VMG	2.33	2.82	3.17	3.47	3.66	3.72	3.69
52°	3.60	4.28	4.81	5.24	5.47	5.57	5.59
60°	3.82	4.52	5.09	5.45	5.65	5.77	5.83
75°	4.06	4.86	5.43	5.69	5.81	5.96	6.17
90°	4.29	5.17	5.67	5.93	6.11	6.20	6.39
110°	4.24	5.14	5.65	5.94	6.20	6.47	6.85
120°	4.07	4.96	5.56	5.87	6.12	6.41	6.95
135°	3.60	4.45	5.26	5.68	5.95	6.20	6.76
150°	3.13	3.97	4.73	5.38	5.73	5.98	6.49
Run VMG	2.71	3.47	4.16	4.83	5.39	5.72	6.20
Gybe Angles	152.0°	160.0°	174.0°	180.0°	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	1546.2	1277.5	1134.2	1038.4	984.2	967.0	975.0
52°	998.8	840.9	747.8	686.9	658.7	646.1	643.5
60°	941.2	796.9	707.8	660.2	636.9	624.1	617.2
75°	886.5	740.8	662.7	632.3	619.6	604.1	583.9
90°	838.8	696.9	635.4	607.0	589.3	581.0	563.2
110°	848.1	700.3	636.8	606.2	580.4	556.1	525.4
120°	885.5	725.7	647.5	613.7	587.8	562.0	518.3
135°	1000.9	808.1	684.8	633.4	605.1	580.2	532.5
150°	1150.5	906.3	761.0	669.1	627.8	602.0	554.9
Run VMG	1326.8	1036.1	865.3	744.6	668.4	629.0	580.6
Selected Courses							
Windward / Leeward	1436.5	1156.8	999.8	891.5	826.3	798.0	777.8
All purpose	1099.2	898.4	788.3	721.0	684.2	664.4	643.0

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	938.9	0.6391
All purpose	754.2	0.7955

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	825.9	0.7265
Triple Number Coastal/Long Distance Low	998.8	0.6007
Triple Number Coastal/Long Distance Medium	749.1	0.8010
Triple Number Coastal/Long Distance High	661.3	0.9073
Triple Number Windward/Leeward Low	1296.7	0.4627
Triple Number Windward/Leeward Medium	933.4	0.6428
Triple Number Windward/Leeward High	797.4	0.7524

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1425.5	1081.7	894.2	775.4	711.7	671.0	607.5