

GPH = 874.4 **CDL = 4.898**

BOAT

Class **FOLKBOAT**
Designer
Builder **SET**
Age Date **01/1972**
Series Date **01/1941**
Offset File **G1746.OFF**

HULL

Length Overall **7.680 m**
Maximum Beam **2.210 m**
Draft **1.153 m**
Displacement **1,939 kg**
DLR **9.5380**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.533%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **120 kg**
Minimum weight **120 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	18.79	19.60
Headsail Luffed	7.90	7.90
Headsail Flying		

Symmetric
Asymmetric

SAIL LIMITATIONS

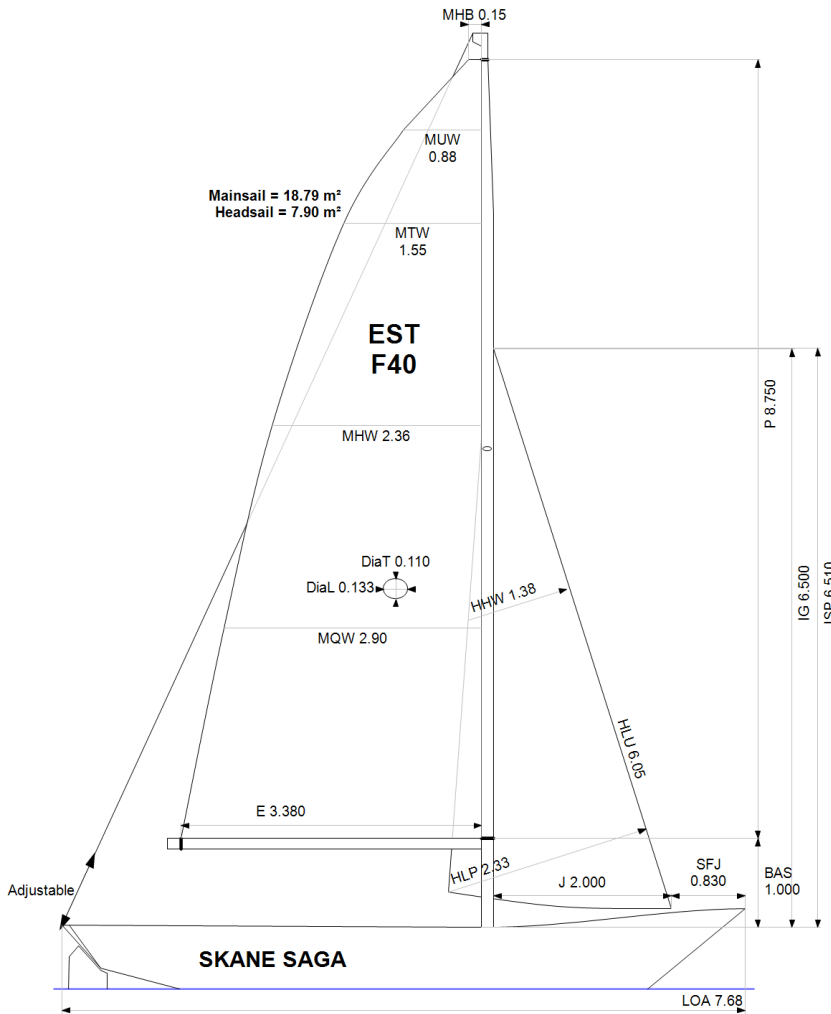
Headsails **5** * Woven polyester sails
Spinnakers **0** * Spinnaker pole aboard

STABILITY

Righting Moment **20.1 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	43.5°	42.0°	42.4°	44.3°	45.4°	46.1°	47.6°
Beat VMG	2.45	2.94	3.23	3.36	3.39	3.38	3.32
52°	3.75	4.43	4.94	5.19	5.27	5.29	5.26
60°	3.97	4.68	5.21	5.46	5.56	5.59	5.58
75°	4.16	4.92	5.42	5.67	5.81	5.91	5.95
90°	4.17	4.99	5.53	5.81	6.02	6.13	6.33
110°	3.98	4.79	5.41	5.72	5.96	6.19	6.65
120°	3.74	4.54	5.23	5.62	5.87	6.10	6.59
135°	3.30	4.12	4.82	5.39	5.71	5.94	6.43
150°	2.92	3.75	4.43	5.07	5.52	5.79	6.26
Run VMG	2.60	3.39	4.08	4.70	5.26	5.62	6.09
Gybe Angles	173.0°	174.0°	176.0°	176.0°	177.5°	179.0°	178.5°

Time Allowances in secs/NM								Single Number Scoring Options		
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	Course	Time On Distance	Time On Time
Beat VMG	1472.4	1225.7	1114.6	1071.0	1060.8	1064.7	1083.8	Windward / Leeward	962.5	0.6234
52°	959.9	813.2	729.1	693.5	682.9	681.1	684.8			
60°	906.2	769.3	690.4	659.9	647.5	643.8	645.0	All purpose	777.6	0.7716
75°	865.9	732.3	663.8	635.4	619.6	609.5	605.5			
90°	863.9	721.9	651.6	620.1	598.5	587.0	568.6			
110°	904.0	750.9	665.9	629.1	604.4	581.6	541.6			
120°	963.1	792.9	688.6	640.6	613.6	590.5	546.2			
135°	1090.0	873.8	746.9	668.3	630.9	606.1	560.2			
150°	1233.2	960.9	812.0	709.8	652.4	621.9	575.5			
Run VMG	1385.9	1060.7	881.7	765.3	684.4	640.9	590.8			
Selected Courses										
Windward / Leeward	1429.2	1143.2	998.1	918.2	872.6	852.8	837.3			
All purpose	1110.4	907.2	800.5	745.4	716.8	700.6	684.6			

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	845.3	0.7098
Triple Number Coastal/Long Distance Low	1008.7	0.5948
Triple Number Coastal/Long Distance Medium	770.1	0.7791
Triple Number Coastal/Long Distance High	698.6	0.8588
Triple Number Windward/Leeward Low	1286.2	0.4665
Triple Number Windward/Leeward Medium	952.2	0.6301
Triple Number Windward/Leeward High	851.9	0.7043

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1424.8	1076.8	900.5	799.7	744.1	705.2	636.5