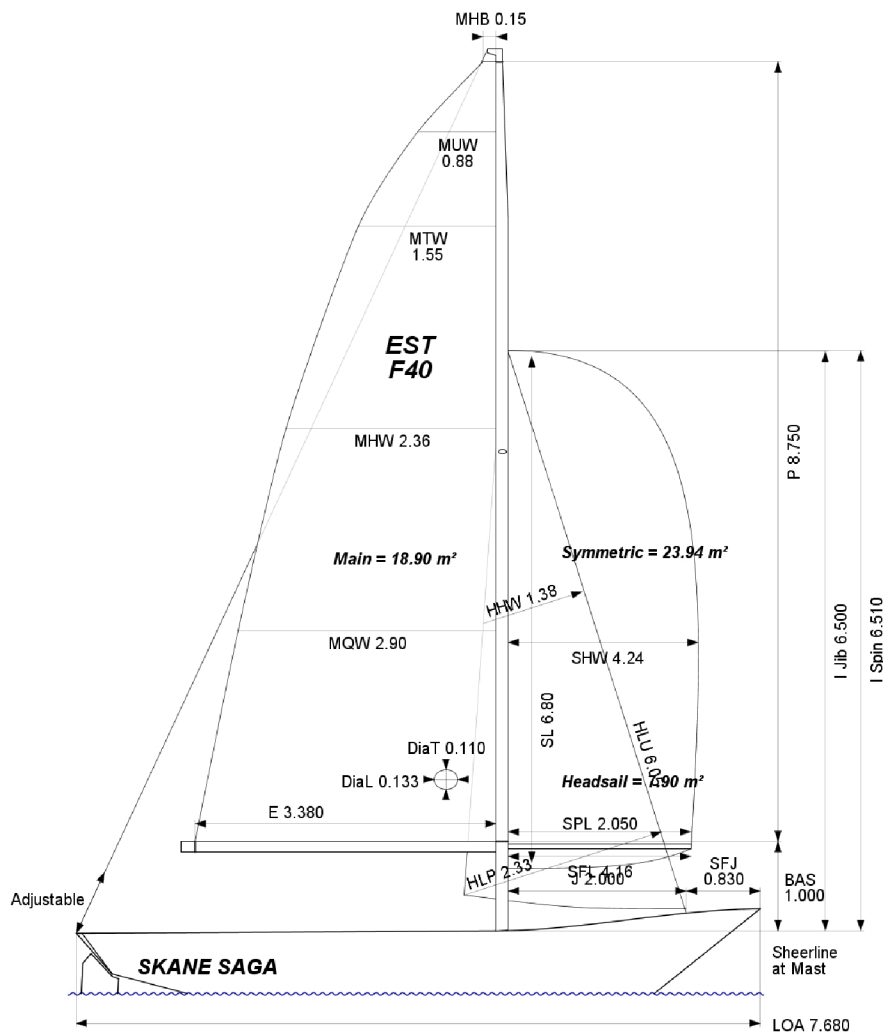




BOAT		GPH		HULL		
Name	Skane Saga	834.0	Data File	ESTF40	LOA 7.680m	
Sail Nr	EST F40		Offset File	G1746.OFF	MB 2.210m	
			Displacement	1,930kg	Draft 1.169m	
CLASS			IMS Division	Cruiser/Racer	Dynamic All. 0.544%	
Class	FOLKBOAT		Plan Review		Construction Solid	
Designer			Fiber Rigging	No	Aramid Core No	
Builder	SET		Crew Arm Ex		Carbon Rudder No	
Series	01/1941				Light Stanchions No	
Age Date	01/1972		IMSL	5.893m	VCGD -0.225m Sink 7.29kg/mm	
Age Allowance	0.487%		RL	4.398m	VCGM -0.205m WS 13.70m	
COMMENTS			LSM0	5.849m	Displacement/Length ratio 9.6452	
			Water Ballast	0	Trim Tab No	
			BLR Index	0.0000		
PROPELLER			CENTERBOARD			
Type	No Propeller		N/A			
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	809.5			907.1		
Time on Time	0.7412			0.7442		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	964.4	734.7	661.1	1249.1	909.8	798.2
Time on Time	0.6999	0.9188	1.0211	0.5404	0.7419	0.8457



Rating Office
Estonian Yachting Union
Purje 8, maja 3
11911 Tallinn
Estonia



Certificate
Number 064/20
Issued On 18/06/2020
ORC Ref 03880000KWA
VPP Ver. 2020 1.02
Valid until 31/12/2020

Crew Weight
Default 320kg
Maximum 280kg
Minimum* 195kg
*when applied by the NoR and SI
Non Manual Pwr No

Special Scoring
ToD ToT
Non Spin GPH 860.6 0.6972
Non Spin OSN 828.6 0.7241

Sails Limitations
Headsails 5 Spinnakers 4
Woven Polyester

Spinnaker configuration
Symmetric: Yes 23.94
Asymmetric: No
Flying H/S: No
Spin. Pole: Yes

Class Division Length
CDL = 5.138

Stability (Estimated)
Limit Positive Stab.: 129.6°
Stability Index: 131.0

BOAT Name Skane Saga Sail Nr EST F40 File ESTF40 Data in meters/kilograms		INCLINING TEST AND FREEBOARDS Inclining Test Enter VCG directly Flotation date 23/05/2020 SG 1.0250 VCGDe -0.225		 ORC Offshore Racing Congress World leader in rating technology 2020 Measurements Datasheet
RIG Forestay Tension Aft Spreaders 1 Inner Stay None Fitted Runners/Checkstays 0 Carbon Mast No Jib Furler No Fiber Rigging No Main Furler No Non-Circular Rigging No Articulated Bowsprit No		FFM 0.950 FF 0.950 SFFP 0.110 FAM 0.678 FA 0.678 SAFF 7.670 LCF from stem on CL / on sheer 4.190 / 4.341 Maximum beam station from stem 4.158 RM Measured 20.2kg·m RM Default 19.4kg·m Limit of positive stability / Stab.Index 129.6° / 131.0 Freeboard at mast at 2.830 0.709		
MIZZEN RIG AND SAILS N/A		PROPELLER Type No Propeller		
COMMENTS 		MOVABLE BALLAST N/A		
		CENTERBOARD N/A		 ESTONIAN YACHTING UNION

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.15	0.88	1.55	2.36	2.90	18.80				Unknown						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.04	0.35	0.75	1.38	1.99	2.33	6.05	117%	7.90		No					Unknow
SYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	6.80	6.80	6.80	4.24	4.16	23.94					* Copied from legacy *					
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

2020

ORC Club Certificate Appendix

BOAT			
Name	Skane Saga	Certificate Number	064/20
Sail Nr	EST F40	Issued On	18/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1466.1	1219.8	1081.7	1006.9	983.9	978.2	984.7
52°	950.4	802.6	714.6	672.9	657.5	652.4	653.1
60°	896.5	759.0	683.5	649.7	634.6	628.0	626.9
75°	857.8	720.1	656.5	632.1	613.8	601.0	589.9
90°	817.8	683.6	631.4	604.9	591.3	582.6	557.9
110°	828.1	687.7	633.3	602.7	574.3	549.5	524.6
120°	865.2	709.9	643.0	610.5	582.5	554.7	510.8
135°	977.5	790.1	674.9	629.8	601.4	574.1	524.1
150°	1123.5	888.1	745.2	661.2	624.3	597.8	547.0
Run VMG	1295.6	1015.1	849.2	729.2	660.0	624.6	573.6
Selected Courses							
Windward / Leeward	1380.9	1117.5	965.5	868.0	822.0	801.4	779.2
Circular Random	1154.8	929.2	808.1	738.7	697.8	672.9	644.7
Coastal / Long Distance	1372.3	1046.0	866.7	760.2	709.0	671.7	606.6
Non Spinnaker	1201.1	962.7	833.6	758.6	713.7	686.1	655.8

Velocity Prediction in Knots for True Wind Speeds							
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	2.46	2.95	3.33	3.58	3.66	3.68	3.66
52°	3.79	4.49	5.04	5.35	5.48	5.52	5.51
60°	4.02	4.74	5.27	5.54	5.67	5.73	5.74
75°	4.20	5.00	5.48	5.70	5.86	5.99	6.10
90°	4.40	5.27	5.70	5.95	6.09	6.18	6.45
110°	4.35	5.23	5.68	5.97	6.27	6.55	6.86
120°	4.16	5.07	5.60	5.90	6.18	6.49	7.05
135°	3.68	4.56	5.33	5.72	5.99	6.27	6.87
150°	3.20	4.05	4.83	5.44	5.77	6.02	6.58
Run VMG	2.78	3.55	4.24	4.94	5.45	5.76	6.28
Gybe Angles	152.0°	160.0°	174.0°	180.0°	180.0°	180.0°	180.0°