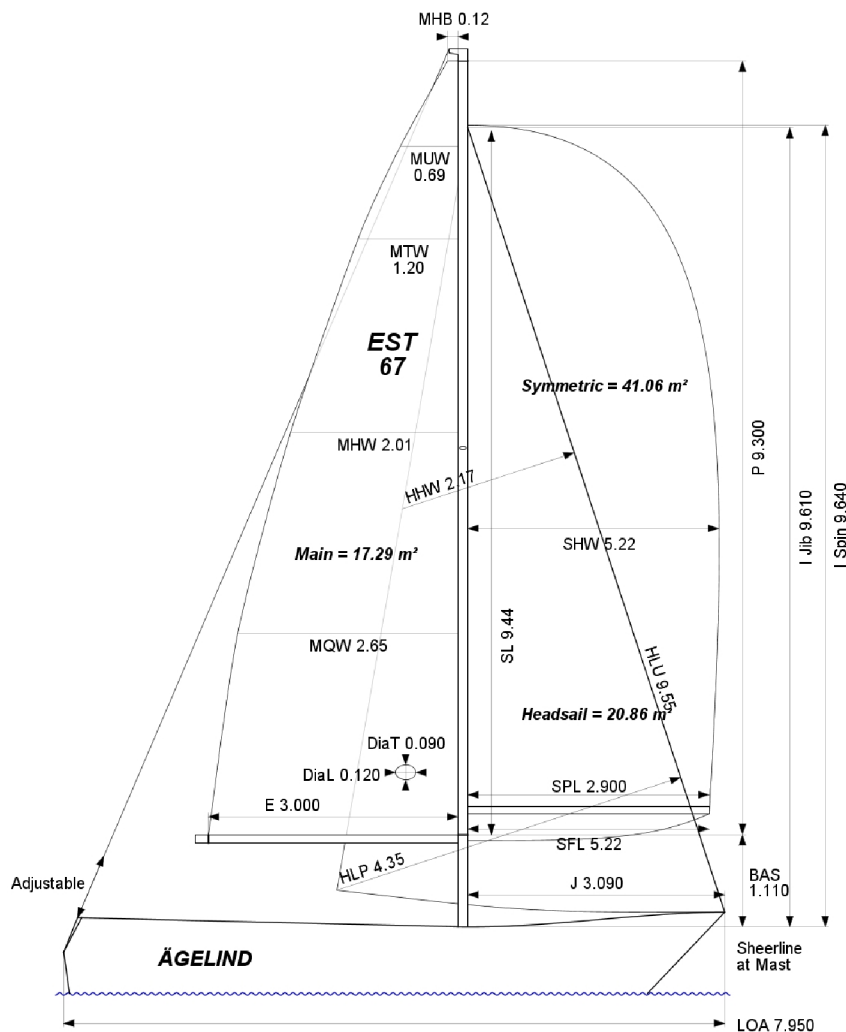




BOAT		GPH		HULL				
Name	Ägelind	801.3	Data File	EST67	LOA	7.950m		
Sail Nr	EST-67		Offset File	MOUS2001.oFF	MB	2.726m		
			Displacement	3,378kg	Draft	1.374m		
			IMS Division	Cruiser/Racer	Dynamic All.	0.682%		
CLASS			Plan Review		Construction	Solid		
			Fiber Rigging	No	Aramid Core	No		
			Crew Arm Ex		Carbon Rudder	No		
					Light Stanchions	No		
			IMSL	6.826m	VCGD	-0.046m	Sink	11.31kg/mm
			RL	4.767m	VCGM	0.005m	WS	16.91m
COMMENTS			LSM0	7.053m	Displacement/Length ratio		9.6280	
			Water Ballast	0	Trim Tab	No		
			BLR Index		0.0000			
PROPELLER			CENTERBOARD					
Installation	Strut	PRD	0.340	N/A				
Type	Folding 2 blades	PIPA	0.0030					

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	776.9			868.1		
Time on Time	0.7723			0.7776		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	930.0	707.3	623.2	1200.4	878.9	747.1
Time on Time	0.7258	0.9544	1.0831	0.5623	0.7680	0.9035



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



Certificate
 Number 031/20
 Issued On 05/06/2020
 ORC Ref 03880000K12
 VPP Ver. 2020 1.02
 Valid until 31/12/2020

Crew Weight
 Default 418kg
 Maximum 418kg
 Minimum* 314kg
 *when applied by the NoR and SI
 Non Manual Pwr No

Special Scoring
 ToD ToT
 Non Spin GPH 830.5 0.7225
 Non Spin OSN 801.6 0.7485

Sails Limitations
 Headsails 5 Spinnakers 4
 Woven Polyester

Spinnaker configuration
 Symmetric: Yes 41.06
 Asymmetric: No
 Flying H/S: No
 Spin. Pole: Yes

Class Division Length
 CDL = 5.797

Stability (Estimated)
 Limit Positive Stab.: 122.3°
 Stability Index: 124.5

CENTERBOARD	
	N/A

Material	Comment

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.12	0.69	1.20	2.01	2.65	17.29										
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrtp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.05	0.63	1.09	2.17	3.25	4.35	9.55	141%	20.86		No					
SYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	9.44	9.44	9.44	5.22	5.22	41.07										
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

2020

ORC Club Certificate Appendix

BOAT			
Name	Ägelind	Certificate Number	031/20
Sail Nr	EST-67	Issued On	05/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1423.1	1186.2	1062.5	967.2	911.4	893.1	893.6
52°	912.4	772.6	689.8	642.0	618.6	609.3	606.1
60°	854.7	725.2	654.1	620.2	601.4	590.8	585.5
75°	816.8	693.9	630.9	603.5	585.8	571.6	555.0
90°	823.1	681.6	613.9	585.1	566.8	557.6	534.4
110°	810.1	670.1	607.2	577.9	553.4	531.0	502.8
120°	833.1	687.7	615.2	584.2	559.7	535.3	496.1
135°	919.7	751.6	648.4	602.2	575.8	551.8	507.6
150°	1060.0	843.1	717.0	636.7	598.9	574.8	530.3
Run VMG	1224.0	968.7	822.5	716.6	643.0	603.8	557.9
Selected Courses							
Windward / Leeward	1323.6	1077.5	942.5	841.9	777.2	748.4	725.7
Circular Random	1113.1	895.5	777.1	707.1	664.0	636.8	606.1
Coastal / Long Distance	1313.6	1008.9	842.8	732.3	672.1	634.1	575.5
Non Spinnaker	1164.5	932.3	804.8	728.7	681.4	651.2	617.1

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	44.6°	42.8°	43.9°	43.5°	42.4°	42.0°	42.6°
Beat VMG	2.53	3.03	3.39	3.72	3.95	4.03	4.03
52°	3.95	4.66	5.22	5.61	5.82	5.91	5.94
60°	4.21	4.96	5.50	5.80	5.99	6.09	6.15
75°	4.41	5.19	5.71	5.97	6.15	6.30	6.49
90°	4.37	5.28	5.86	6.15	6.35	6.46	6.74
110°	4.44	5.37	5.93	6.23	6.51	6.78	7.16
120°	4.32	5.24	5.85	6.16	6.43	6.73	7.26
135°	3.91	4.79	5.55	5.98	6.25	6.52	7.09
150°	3.40	4.27	5.02	5.65	6.01	6.26	6.79
Run VMG	2.94	3.72	4.38	5.02	5.60	5.96	6.45
Gybe Angles	149.0°	154.0°	158.0°	172.0°	180.0°	180.0°	180.0°