

BOAT Name LA FOLIE Sail Nr EST438 File EST438 Data in meters/kilograms		INCLINING TEST AND FREEBOARDS Inclining Test Enter VCG directly Flotation date 12/06/2020 SG 1.0246 VCGDe -0.200		 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 0.638 FF 0.638 SFFP 1.014 FAM 0.529 FA 0.529 SAFF 7.574 LCF from stem on CL / on sheer 4.435 / 4.559 Maximum beam station from stem 4.618 RM Measured 42.1kg·m RM Default 31.3kg·m Limit of positive stability / Stab.Index 118.6° / 119.3 Freeboard at mast at 3.175 0.603		
MIZZEN RIG AND SAILS N/A		PROPELLER Type No Propeller		
COMMENTS 2003		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	0.12	0.61	1.15	1.95	2.39	15.67										
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.06	0.47	0.89	1.77	2.60	3.55	7.34	154%	12.97		No					
SYMMETRIC SPINNAKERS (2)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	8.20	8.20	8.20	5.90	5.40	39.64										
2	8.22	8.22	8.22	5.66	6.16	39.46										
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

2020

ORC Club Certificate Appendix

BOAT

Name **LA FOLIE**
Sail Nr **EST438**

Certificate Number **063/20**
Issued On **15/06/2020**

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1262.9	1056.8	937.4	854.2	810.4	796.7	801.1
52°	832.0	703.4	637.7	606.3	588.3	578.6	575.6
60°	790.4	671.0	619.1	593.7	576.1	563.8	556.4
75°	763.2	650.6	605.2	582.6	564.0	546.4	523.4
90°	736.6	623.7	581.8	558.6	546.9	538.0	505.7
110°	731.3	618.4	577.6	548.1	520.1	497.8	476.2
120°	755.7	631.2	584.3	554.9	525.4	498.0	455.4
135°	833.5	682.4	608.2	574.5	546.3	517.7	466.5
150°	970.7	776.6	663.4	603.3	573.1	546.9	495.5
Run VMG	1120.8	896.3	760.2	669.3	610.5	579.0	528.1
Selected Courses							
Windward / Leeward	1191.9	976.6	848.8	761.8	710.4	687.9	664.6
Circular Random	1013.7	820.0	715.7	654.6	616.6	591.8	561.1
Coastal / Long Distance	1184.8	916.4	767.5	675.3	626.0	592.3	536.6
Non Spinnaker	1087.7	871.9	753.9	683.9	640.2	612.1	579.7

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	42.8°	41.6°	41.3°	39.0°	37.5°	37.1°	37.9°
Beat VMG	2.85	3.41	3.84	4.21	4.44	4.52	4.49
52°	4.33	5.12	5.65	5.94	6.12	6.22	6.25
60°	4.55	5.36	5.81	6.06	6.25	6.39	6.47
75°	4.72	5.53	5.95	6.18	6.38	6.59	6.88
90°	4.89	5.77	6.19	6.45	6.58	6.69	7.12
110°	4.92	5.82	6.23	6.57	6.92	7.23	7.56
120°	4.76	5.70	6.16	6.49	6.85	7.23	7.90
135°	4.32	5.28	5.92	6.27	6.59	6.95	7.72
150°	3.71	4.64	5.43	5.97	6.28	6.58	7.27
Run VMG	3.21	4.02	4.74	5.38	5.90	6.22	6.82
Gybe Angles	147.5°	152.0°	154.0°	171.0°	180.0°	180.0°	180.0°