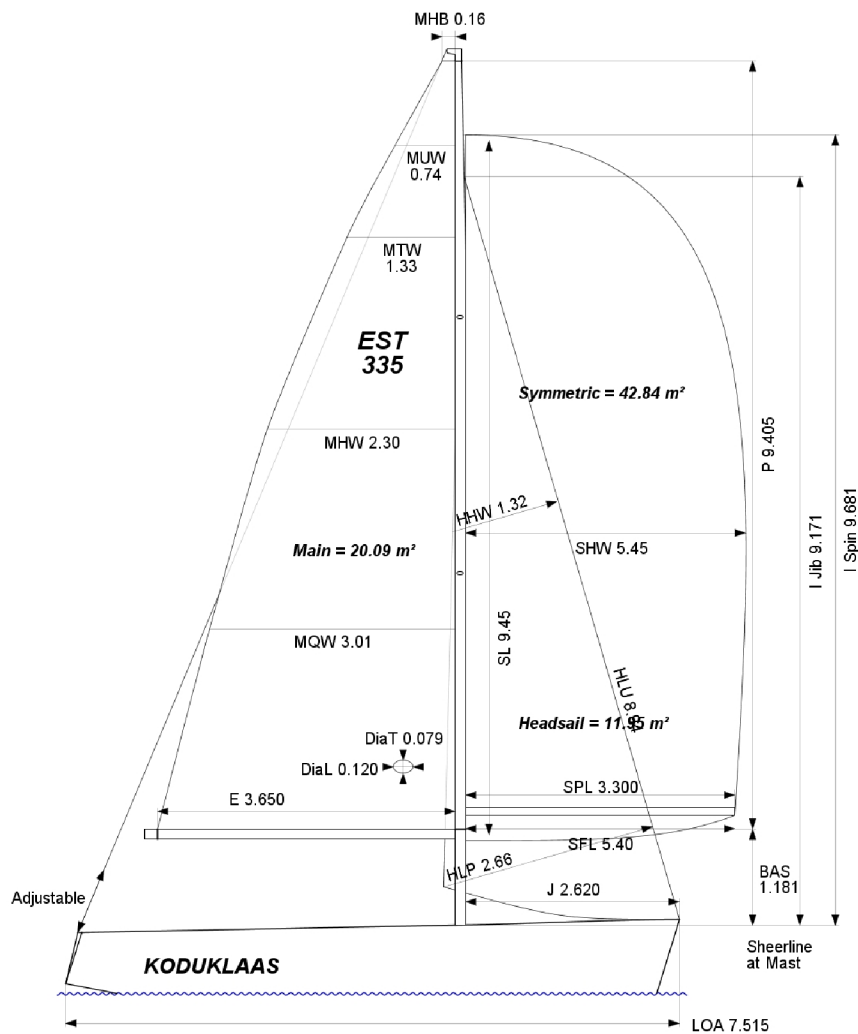




BOAT		GPH	HULL			
Name	Koduklaas	663.7	Data File	EST335	LOA	7.515m
Sail Nr	EST335		Offset File	platu25.OD.off	MB	2.574m
CLASS			Displacement	1,232kg	Draft	1.590m
Class	PLATU 25		IMS Division	Sportboat	Dynamic All.	0.000%
Designer	FARR		Plan Review		Construction	Cored
Builder	BENETEAU		Fiber Rigging	No	Aramid Core	No
Series	01/1997		Crew Arm Ex	0.50	Carbon Rudder	No
Age Date	01/1997				Light Stanchions	No
Age Allowance	0.487%		IMSL	7.004m	VCGD	0.042m Sink 7.63kg/mm
COMMENTS			RL	7.342m	VCGM	-0.054m WS 10.45m²
PROPELLER			LSM0	6.673m	Displacement/Length ratio	
Type	No Propeller		Water Ballast		Trim Tab	No
CENTERBOARD			BLR Index	0.0000		
			N/A			

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	645.2			722.2		
Time on Time	0.9299			0.9347		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	745.9	594.1	524.6	955.0	722.5	642.8
Time on Time	0.9050	1.1362	1.2867	0.7068	0.9342	1.0501



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



Certificate
 Number 014/20
 Issued On 05/06/2020
 ORC Ref 03880000JVO
 VPP Ver. 2020 1.02
 Valid until 31/12/2020

Crew Weight
 Default 387kg
 Maximum 400kg
 Minimum* 300kg
 *when applied by the NoR and SI
 Non Manual Pwr No

Special Scoring
 ToD ToT
 Non Spin GPH 702.1 0.8546
 Non Spin OSN 681.5 0.8804

Sails Limitations
 Headsails 5 Spinnakers 4

Spinnaker configuration
 Symmetric: Yes 42.84
 Asymmetric: No
 Flying H/S: No
 Spin. Pole: Yes

Class Division Length
 CDL = 7.163

Stability (Measured)
 Limit Positive Stab.: 118.6°
 Stability Index: 110.7

BOAT										INCLINING TEST AND FREEBOARDS									
Name Koduklaas					Sail Nr EST335					Inclining Test Current Inclining									
File EST335					Data in meters/kilograms					Flotation date 27/10/2013 SG 1.0250									
RIG Forestay Tension Aft Spreaders 2 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 0.907 FF 0.907 SFFP 0.120 FAM 0.689 FA 0.689 SAFF 7.315 W1 4.0 PD1 76.0 WD 7.900 W2 8.0 PD2 156.0 GSA 19.6 W3 12.0 PD3 231.0 RSA 6079.4 W4 16.0 PD4 311.0 PLM 2510.0 LCF from stem on CL / on sheer 4.176 / 4.351 Maximum beam station from stem 4.670 RM Measured 17.8kg·m RM Default 22.3kg·m Limit of positive stability / Stab.Index 118.6° / 110.7 Freeboard at mast at 2.620 0.835									
MIZZEN RIG AND SAILS N/A										PROPELLER Type No Propeller									
COMMENTS 										MOVABLE BALLAST N/A									
										CENTERBOARD N/A									
SAILS INVENTORY										Certificate Number 014/20 ORC Ref 03880000JVO Issued On 05/06/2020 VPP Ver. 2020 1.02 Valid until 31/12/2020									
MAINSAIL (1)										 ESTONIAN YACHTING UNION									
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment								
1	0.16	0.74	1.33	2.30	3.01	20.09				Unknown									
HEADSAILS (1)																			
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment			
1	0.06	0.36	0.68	1.32	1.99	2.66	8.94	102%	11.95	No					Unknown				
SYMMETRIC SPINNAKERS (1)																			
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment								
1	9.45	9.45	9.45	5.45	5.40	42.84				Unknown									
ASYMMETRIC SPINNAKERS (0)																			
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment							

2020

ORC Club Certificate Appendix

BOAT			
Name	Koduklaas	Certificate Number	014/20
Sail Nr	EST335	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	1092.6	906.0	811.6	779.3	771.5	770.7	766.8
52°	719.3	615.0	582.5	565.6	558.9	555.9	547.4
60°	681.8	598.5	569.3	548.6	537.2	531.5	521.9
75°	657.3	589.2	555.8	527.7	504.2	491.2	482.1
90°	650.9	576.1	542.8	520.8	491.3	463.2	433.5
110°	647.9	570.6	523.6	482.8	455.6	434.3	398.3
120°	666.1	579.4	532.8	485.0	441.2	408.5	366.8
135°	737.1	610.9	563.1	520.1	476.4	431.6	329.7
150°	877.9	699.6	604.0	560.2	520.4	480.7	390.8
Run VMG	1013.7	807.8	690.4	618.5	571.2	534.3	461.3
Selected Courses							
Windward / Leeward	1053.2	856.9	751.0	698.9	671.3	652.5	614.1
Circular Random	900.2	733.8	645.5	593.6	559.8	535.0	496.5
Coastal / Long Distance	1049.2	808.2	685.2	617.7	575.0	537.2	470.8
Non Spinnaker	968.6	781.5	681.2	622.6	585.6	559.8	521.6

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	42.0°	42.0°	38.3°	36.8°	36.4°	36.8°	37.1°
Beat VMG	3.29	3.97	4.44	4.62	4.67	4.67	4.69
52°	5.01	5.85	6.18	6.36	6.44	6.48	6.58
60°	5.28	6.02	6.32	6.56	6.70	6.77	6.90
75°	5.48	6.11	6.48	6.82	7.14	7.33	7.47
90°	5.53	6.25	6.63	6.91	7.33	7.77	8.30
110°	5.56	6.31	6.88	7.46	7.90	8.29	9.04
120°	5.40	6.21	6.76	7.42	8.16	8.81	9.81
135°	4.88	5.89	6.39	6.92	7.56	8.34	10.92
150°	4.10	5.15	5.96	6.43	6.92	7.49	9.21
Run VMG	3.55	4.46	5.21	5.82	6.30	6.74	7.80
Gybe Angles	145.0°	149.0°	155.5°	174.0°	180.0°	180.0°	180.0°