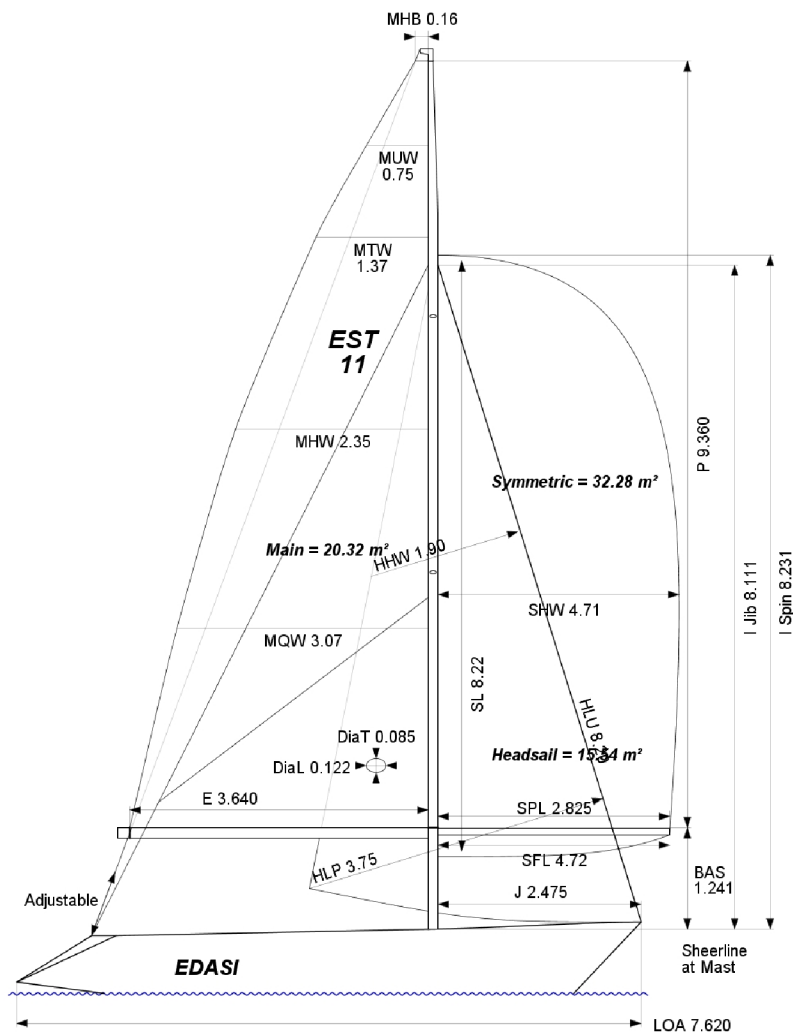




BOAT		GPH	HULL	
Name	EDASI	715.1	Data File	EST 11
Sail Nr	EST 11		LOA	7.620m
CLASS			Offset File	Polari17.off
Class	Polaris		Displacement	1,764kg
Designer	SET		MB	2.692m
Builder	SET		Draft	1.736m
Series	01/1984		IMS Division	Performance
Age Date	01/1985		Plan Review	Dynamic All. 0.029%
Age Allowance	0.487%		Fiber Rigging	Construction Solid
COMMENTS			Crew Arm Ex	Aramid Core No
PROPELLER			Light Stanchions	
Type	No Propeller		IMSL	6.135m
CENTERBOARD			VCGD	-0.029m
			Sink	8.50kg/mm
			RL	6.799m
			VCGM	-0.035m
			WS	11.01m²
			LSM0	5.806m
			Displacement/Length ratio	9.0130
			Water Ballast	Trim Tab No
			BLR Index	0.0000
			N/A	

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	695.5			766.7		
Time on Time	0.8626			0.8804		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	804.4	638.0	576.2	1029.1	768.1	681.1
Time on Time	0.8391	1.0580	1.1714	0.6559	0.8788	0.9910



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



Certificate
 Number 085/20
 Issued On 30/06/2020
 ORC Ref 03880000LNL
 VPP Ver. 2020 1.02
 Valid until 31/12/2020

Crew Weight
 Default 317kg
 Maximum 420kg
 Minimum* 315kg
 *when applied by the NoR and SI
 Non Manual Pwr No

Special Scoring
 ToD ToT
 Non Spin GPH 736.9 0.8142
 Non Spin OSN 714.2 0.8401

Sails Limitations
 Headsails 5 Spinnakers 4

Spinnaker configuration
 Symmetric: Yes 32.28
 Asymmetric: No
 Flying H/S: No
 Spin. Pole: Yes

Class Division Length
 CDL = 6.463

Stability (Estimated)
 Limit Positive Stab.: 113.0°
 Stability Index: 105.4

BOAT									
Name EDASI				Sail Nr		EST 11			
File EST 11				Data in		meters/kilograms			
RIG									
Forestay Tension		Aft				Spreaders		2	
Inner Stay		None Fitted		Runners/Checkstays				2	
Carbon Mast		No				Jib Furler		No	
Fiber Rigging		No				Main Furler		No	
Non-Circular Rigging		No							
Articulated Bowsprit		No							
P	9.360	E	3.640	MDT1	0.085	MW	0.000		
IG	8.111	J	2.475	MDL1	0.122	GO	0.000		
ISP	8.231	SFJ		MDT2	0.000	BD			
BAS	1.241	SPL	2.825	MDL2	0.000	MWT	46.20		
FSD	0.027	TPS		TL	-2.000	MCG			

INCLINING TEST AND FREEBOARDS				
Inclining Test Enter VCG directly				
Flotation date 30/06/2020		SG 1.0265		
VCGDe -0.029				
FFM 0.866	FF 0.866	SFFP	0.394	
FAM 0.589	FA 0.589	SAFP	6.402	
LCF from stem on CL / on sheer		4.045 / 4.253		
Maximum beam station from stem		4.141		
RM Measured		31.2kg·m		
RM Default		31.2kg·m		
Limit of positive stability / Stab.Index		113.0° / 105.4		
Freeboard at mast at 2.475		0.785		



MIZZEN RIG AND SAILS	
	N/A

PROPELLER	
Type	No Propeller

Certificate
Number **085/20**
ORC Ref **03880000LNL**
Issued On **30/06/2020**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

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	0.16	0.75	1.37	2.35	3.07	20.32		16/06/2009	WB	Dacron						
HEADSAILS (2)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
3	0.08	0.50	0.95	1.90	2.83	3.75	8.20	152%	15.54		No		13/05/2014		Unknow	
2	0.07		0.85	0.67	2.50	3.38	8.25	137%	12.09		No			North	Unknow	
SYMMETRIC SPINNAKERS (2)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	8.22	8.22	8.22	4.71	4.72	32.28		01/06/2011	WB	Unknown	sin/valge					
1	8.20	8.20	8.20	4.62	4.67	31.64		16/06/2009	WB	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	EDASI	Certificate Number	085/20
Sail Nr	EST 11	Issued On	30/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1133.0	953.7	853.0	809.8	796.5	791.3	797.4
52°	753.0	650.1	612.3	593.4	583.9	579.0	576.8
60°	717.1	631.7	600.8	580.9	567.6	560.8	555.9
75°	694.0	620.9	590.9	567.8	548.2	534.5	523.5
90°	701.9	616.8	579.6	551.4	531.9	521.0	496.1
110°	719.4	618.7	579.0	546.1	517.6	494.1	465.4
120°	747.3	631.6	587.8	555.8	526.3	500.6	455.2
135°	832.3	685.2	613.2	578.8	548.2	520.4	472.6
150°	978.8	780.0	663.7	607.4	575.9	547.1	497.7
Run VMG	1130.2	899.7	760.8	665.8	611.2	579.6	525.9
Selected Courses							
Windward / Leeward	1131.6	926.7	806.9	737.8	703.8	685.5	661.7
Circular Random	969.3	789.7	694.8	640.5	607.5	586.1	559.0
Coastal / Long Distance	1131.5	874.4	736.5	659.6	619.8	588.7	534.1
Non Spinnaker	1007.7	817.0	715.3	656.8	621.0	597.9	569.2

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	41.3°	40.5°	38.3°	36.8°	36.0°	36.0°	36.8°
Beat VMG	3.18	3.77	4.22	4.45	4.52	4.55	4.51
52°	4.78	5.54	5.88	6.07	6.17	6.22	6.24
60°	5.02	5.70	5.99	6.20	6.34	6.42	6.48
75°	5.19	5.80	6.09	6.34	6.57	6.74	6.88
90°	5.13	5.84	6.21	6.53	6.77	6.91	7.26
110°	5.00	5.82	6.22	6.59	6.96	7.29	7.74
120°	4.82	5.70	6.13	6.48	6.84	7.19	7.91
135°	4.33	5.25	5.87	6.22	6.57	6.92	7.62
150°	3.68	4.62	5.42	5.93	6.25	6.58	7.23
Run VMG	3.19	4.00	4.73	5.41	5.89	6.21	6.84
Gybe Angles	148.0°	152.5°	156.0°	180.0°	180.0°	180.0°	180.0°