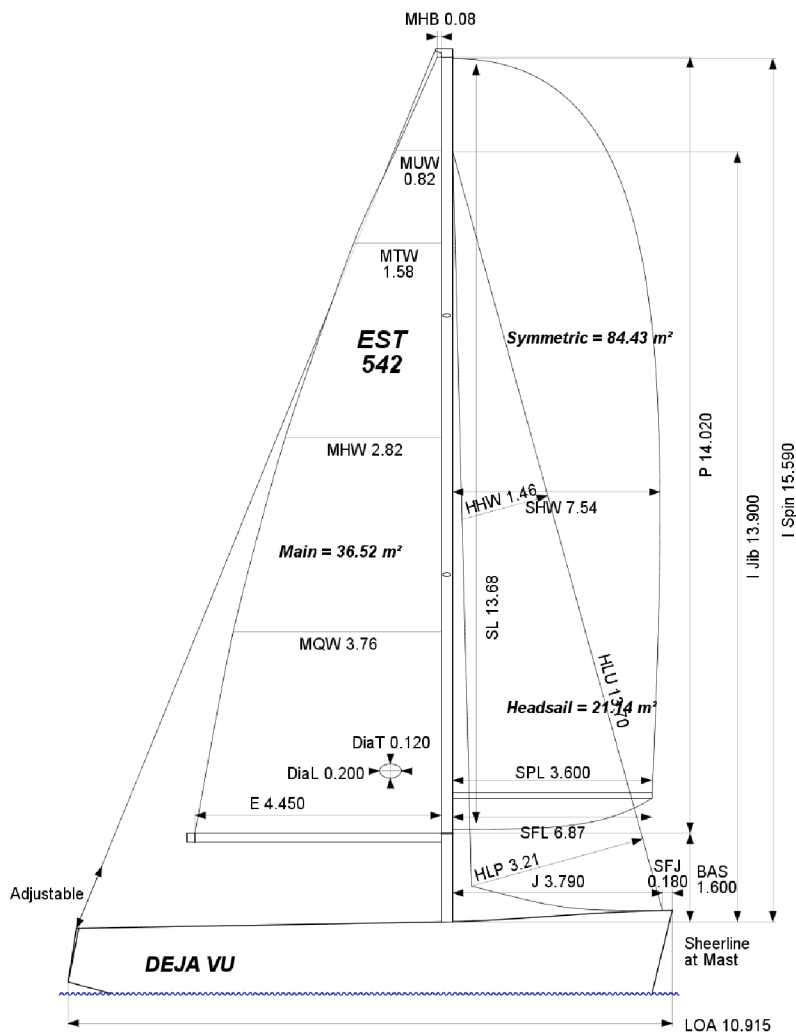




BOAT		GPH	HULL	
Name	DEJA VU	671.6	Data File	EST542
Sail Nr	EST542		LOA	10.915m
CLASS			Offset File	duf382.off
Class	DUF0UR 382 GL		Displacement	7,060kg
Designer	FELCI YACHTS		MB	3.848m
Builder	Dufour		Draft	1.886m
Series	01/2016		IMS Division	Cruiser/Racer
Age Date	01/2016		Dynamic All.	0.375%
Age Allowance	0.130%		Plan Review	Construction
COMMENTS			Fiber Rigging	No
PROPELLER			Crew Arm Ex	No
Installation	Strut	PRD 0.406	Aramid Core	No
Type	Folding 3 blades	PBW 0.134	Carbon Rudder	No
		PIPA 0.0037	Light Stanchions	No
SCORING OPTIONS			IMSL	10.033m
			VCGD	0.150m
			Sink	22.55kg/mm
			RL	6.670m
			VCGM	0.167m
			WS	29.23m²
			LSM0	9.851m
			Displacement/Length ratio	7.3852
			Water Ballast	Trim Tab No
			BLR Index	0.0000
			CENTERBOARD	
			N/A	

SCORING OPTIONS		COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance		650.5			731.0		
Time on Time		0.9223			0.9234		
Triple Number		Low	Medium	High	Low	Medium	High
Time on Distance		792.7	590.3	510.5	1035.3	742.7	617.3
Time on Time		0.8515	1.1435	1.3223	0.6520	0.9088	1.0934



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



Certificate
 Number 086/20
 Issued On 01/07/2020
 ORC Ref 03880000LPI
 VPP Ver. 2020 1.02
 Valid until 31/12/2020

Crew Weight
 Default 674kg
 Maximum 525kg
 Minimum* 394kg
 *when applied by the NoR and SI
 Non Manual Pwr No

Special Scoring
 ToD ToT
 Non Spin GPH 717.4 0.8364
 Non Spin OSN 691.3 0.8680

Sails Limitations
 Headsails 5 Spinnakers 4

Spinnaker configuration
 Symmetric: Yes 84.43
 Asymmetric: No
 Flying H/S: No
 Spin. Pole: Yes

Class Division Length
 CDL = 8.342

Stability (Estimated)
 Limit Positive Stab.: 112.8°
 Stability Index: 113.9

BOAT		INCLINING TEST AND FREEBOARDS														
Name DEJA VU	Sail Nr EST542	Inclining Test Enter VCG directly														
File EST542	Data in meters/kilograms	Flotation date 18/10/2019 SG 1.0251														
RIG		VCGDe 0.150														
Forestay Tension Aft	Spreaders 2	FFM 1.491	FF 1.491 SFFP 0.255													
Inner Stay None Fitted	Runners/Checkstays 0	FAM 1.173	FA 1.173 SAFF 10.712													
Carbon Mast No	Jib Furler No	LCF from stem on CL / on sheer 6.021 / 6.315														
Fiber Rigging No	Main Furler No	Maximum beam station from stem 6.855														
Non-Circular Rigging No		RM Measured 184.5kg·m														
Articulated Bowsprit		RM Default 182.3kg·m														
P 14.020 E 4.450 MDT1 0.120 MW 0.200		Limit of positive stability / Stab.Index 112.8° / 113.9														
IG 13.900 J 3.790 MDL1 0.200 GO 0.220		Freeboard at mast at 3.970 1.300														
ISP 15.590 SFJ 0.180 MDT2 0.120 BD 0.170																
BAS 1.600 SPL 3.600 MDL2 0.200 MWT																
FSD TPS TL 0.000 MCG																
MIZZEN RIG AND SAILS		PROPELLER														
N/A		Installation Strut PRD 0.406														
		Type Folding 3 blades PBW 0.134														
		Twin Screw No PIPA 0.0037														
		ST1 0.073 ST3 0.177 ST5 0.310														
		ST2 0.177 ST4 0.098 EDL 2.820														
COMMENTS		MOVABLE BALLAST														
		N/A														
		CENTERBOARD														
		N/A														
SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.08	0.82	1.58	2.82	3.76	36.53										
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.05	0.36	0.70	1.46	2.36	3.21	13.70	85%	21.14		No					
SYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	13.68	13.68	13.68	7.54	6.87	84.43										
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				



ORC
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2020
Measurements
Datasheet

Certificate

Number **086/20**
ORC Ref **03880000LPI**
Issued On **01/07/2020**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



EJL
ESTONIAN
YACHTING
UNION

2020

ORC Club Certificate Appendix

BOAT			
Name	DEJA VU	Certificate Number	086/20
Sail Nr	EST542	Issued On	01/07/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1259.0	1028.8	904.4	817.6	757.8	730.5	733.4
52°	801.8	667.5	592.0	540.1	510.5	496.8	492.4
60°	747.6	628.4	558.7	517.1	494.6	482.1	474.5
75°	711.9	597.9	530.6	500.0	482.3	469.0	450.7
90°	674.2	559.3	500.5	476.1	465.8	459.0	439.5
110°	665.1	548.2	493.8	468.2	448.0	429.6	410.1
120°	686.5	563.5	500.8	472.6	451.4	430.9	394.6
135°	760.6	616.9	532.0	490.1	466.9	446.4	407.0
150°	897.2	707.6	599.1	528.2	490.6	468.5	430.2
Run VMG	1036.0	817.1	690.8	605.3	544.8	502.1	458.1
Selected Courses							
Windward / Leeward	1147.5	922.9	797.6	711.5	651.3	616.3	595.7
Circular Random	945.3	755.4	650.8	587.9	548.3	522.9	495.6
Coastal / Long Distance	1136.3	861.3	709.9	611.4	554.9	518.0	467.3
Non Spinnaker	1030.0	814.6	693.9	620.2	573.4	543.3	511.0

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	45.8°	44.3°	43.1°	42.8°	42.0°	41.4°	42.0°
Beat VMG	2.86	3.50	3.98	4.40	4.75	4.93	4.91
52°	4.49	5.39	6.08	6.67	7.05	7.25	7.31
60°	4.82	5.73	6.44	6.96	7.28	7.47	7.59
75°	5.06	6.02	6.79	7.20	7.46	7.68	7.99
90°	5.34	6.44	7.19	7.56	7.73	7.84	8.19
110°	5.41	6.57	7.29	7.69	8.04	8.38	8.78
120°	5.24	6.39	7.19	7.62	7.98	8.35	9.12
135°	4.73	5.84	6.77	7.34	7.71	8.07	8.85
150°	4.01	5.09	6.01	6.82	7.34	7.68	8.37
Run VMG	3.47	4.41	5.21	5.95	6.61	7.17	7.86
Gybe Angles	146.0°	150.0°	152.5°	155.0°	171.0°	180.0°	180.0°