

BOAT
Name DEJA VU
Sail Nr EST 494

GPH
643,0

HULL
Length Overall 9,982 m
Maximum Beam 3,376 m
Displacement 4 758 kg
Draft 2,008 m
IMS Reg. Division Cruiser/Racer
Dynamic Allowance 0,585%
Fwd Accommodation Yes
Hull Construction Cored
Carbon Rudder No
Trim Tab No
IMS L 9,268 VCGD -0,144 VCGM -0,138
Sink 16,64 kg/mm Wetted Area 22,43 m²



2009
ORC International
Certificate

GENERAL
Class First 34.7
Designer Farr
Builder Beneteau
Series 10.2005
Age 05.2007
Age Allowance 0,260%
Offset File F235.OFF - 27.07.2006 16:07:34
Measurement by A.Tetsmann - 29.04.2008

SCORING OPTIONS		
	OFFSHORE	INSHORE
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time On Distance	643,0	715,2
Time On Time	0,9332	0,9438
Performance Line	PLT 0,816 PLD 101,8	PLT 0,955 PLD 281,1
Triple Number	Low 0,9082 Medium 1,1885 High 1,3435	Low 0,6898 Medium 0,9602 High 1,1196

Rating Office
Estonian Yachting Union
Veiko Rosme
Regati 1, 11911, Tallinn
Estonia

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1113,3	903,9	790,0	741,5	714,6	698,0	683,2
52°	719,8	593,1	544,0	514,4	501,4	493,9	486,8
60°	671,5	568,6	525,8	498,0	484,0	477,3	470,0
75°	630,0	544,4	499,0	480,8	468,8	453,7	442,2
90°	598,4	526,5	488,7	465,5	452,5	444,8	425,2
110°	616,9	540,0	499,5	473,6	449,1	426,8	401,6
120°	664,9	558,7	512,3	483,3	460,0	436,3	390,7
135°	769,3	610,9	544,8	505,6	480,2	458,6	416,0
150°	920,5	722,2	600,8	543,8	506,8	482,0	440,7
Run VMG	1062,9	833,9	692,5	607,6	554,5	517,2	470,9

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Selected Courses							
Windward / Leeward	1107,3	880,9	754,4	683,8	642,0	614,4	583,0
Circular Random	890,8	717,0	623,5	568,9	535,1	512,6	483,4
Ocean for PCS	952,3	750,0	637,4	568,9	524,2	492,5	447,5
Non Spinnaker	973,3	774,0	664,9	600,4	560,1	533,8	501,3

Crew Weight
Declared 600 kg
Default* 620 kg

Special Scoring
ToD ToT
Double 644,7 0,9307
Non Spinnaker 687,2 0,8731

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	43,8°	44,2°	40,2°	38,4°	37,3°	36,7°	36,3°
Beat VMG	3,23	3,98	4,56	4,86	5,04	5,16	5,27
52°	5,00	6,07	6,62	7,00	7,18	7,29	7,39
60°	5,36	6,33	6,85	7,23	7,44	7,54	7,66
75°	5,71	6,61	7,22	7,49	7,68	7,93	8,14
90°	6,02	6,84	7,37	7,73	7,96	8,09	8,47
110°	5,84	6,67	7,21	7,60	8,02	8,44	8,96
120°	5,41	6,44	7,03	7,45	7,83	8,25	9,21
135°	4,68	5,89	6,61	7,12	7,50	7,85	8,65
150°	3,91	4,98	5,99	6,62	7,10	7,47	8,17
Run VMG	3,39	4,32	5,20	5,92	6,49	6,96	7,65
Gybe Angles	142,9°	148,0°	152,2°	165,3°	171,6°	173,9°	175,8°

Sails Limitations
Genoa 0 Jibs 4 Spinnakers 3
Spinnaker configuration Symmetric

Storm Sails Areas
Heavy Weather Jib 23,70
Storm Jib (JL=8,61) 8,78
Storm Trysail 10,08

Owner
Sampo Pank
Tallinn, Estonia
ESS Kalev JK
I certify that I understand my responsibilities under ORC Rules and Regulations
Signature

BOAT	
Name DEJA VU	Sail Nr EST 494
File Est0494.dxt	Data in meters/kilograms

RIG			
Forestay Tension Aft	Spreaders 2		
Inner Forestay None Fitted	Runners 0		
Carbon Mast Yes	Jumpers None		
Taper Hollows No	w/o Backstay No		
P 12,800	E 4,500	MDT1 0,103	TL 1,000
IG 13,160	J 3,640	MDL1 0,172	MWT
ISP 13,300	SFJ 0,000	MDT2 0,103	MCG
SPS 2,900	SPL 3,630	MDL2 0,140	CPW 2,020
BAS 1,540	TPS 3,640	MW 0,172	BD 0,130
BAL	FSP 0,066	GO 0,197	BWT

HEAVY ITEMS			
Bow Thruster No	Generator No	Air Condition No	
Windlass No	Jib Furler No	Desalinator No	
Heavy Deck No	Main Furler No		
Headliners No	Water Heater No		
Anchor Weight	Heavy Items Adjustment	0,0000	
Anchor LCG	Total Gyradius Adjustment	0,0121	

MIZZEN RIG AND SAILS	
N/A	

COMMENTS

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 06.06.2007	SG 1,0020	
FFM 1,285	FF 1,294	SFFP 0,172
FAM 1,026	FA 1,031	SAFP 9,530
W1 65,500	PD1 210,0	WD 10,000
W2 65,500	PD2 213,0	GSA 12,6
W3 65,500	PD3 210,0	RSA 4298,7
W4 65,500	PD4 214,0	PLM 2005,
Maximum beam station from stem	6,601	
RM Measured / Default	108,2 / 99,1	
Limit of positive stability	129,5°	
Stability Index	129,6	
Freeboard at mast at 3,640	1,157	

PROPELLER		
Installation Strut Drive	PRD 0,410	
Type Folding	PBW 0,118	
Twin Screw No	PIPA 0,0030	
ST1 0,035	ST3	ST5 0,250
ST2	ST4 0,100	EDL 1,800

WATER BALLAST	
N/A	

CENTERBOARD
N/A



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2009
IMS Measurement
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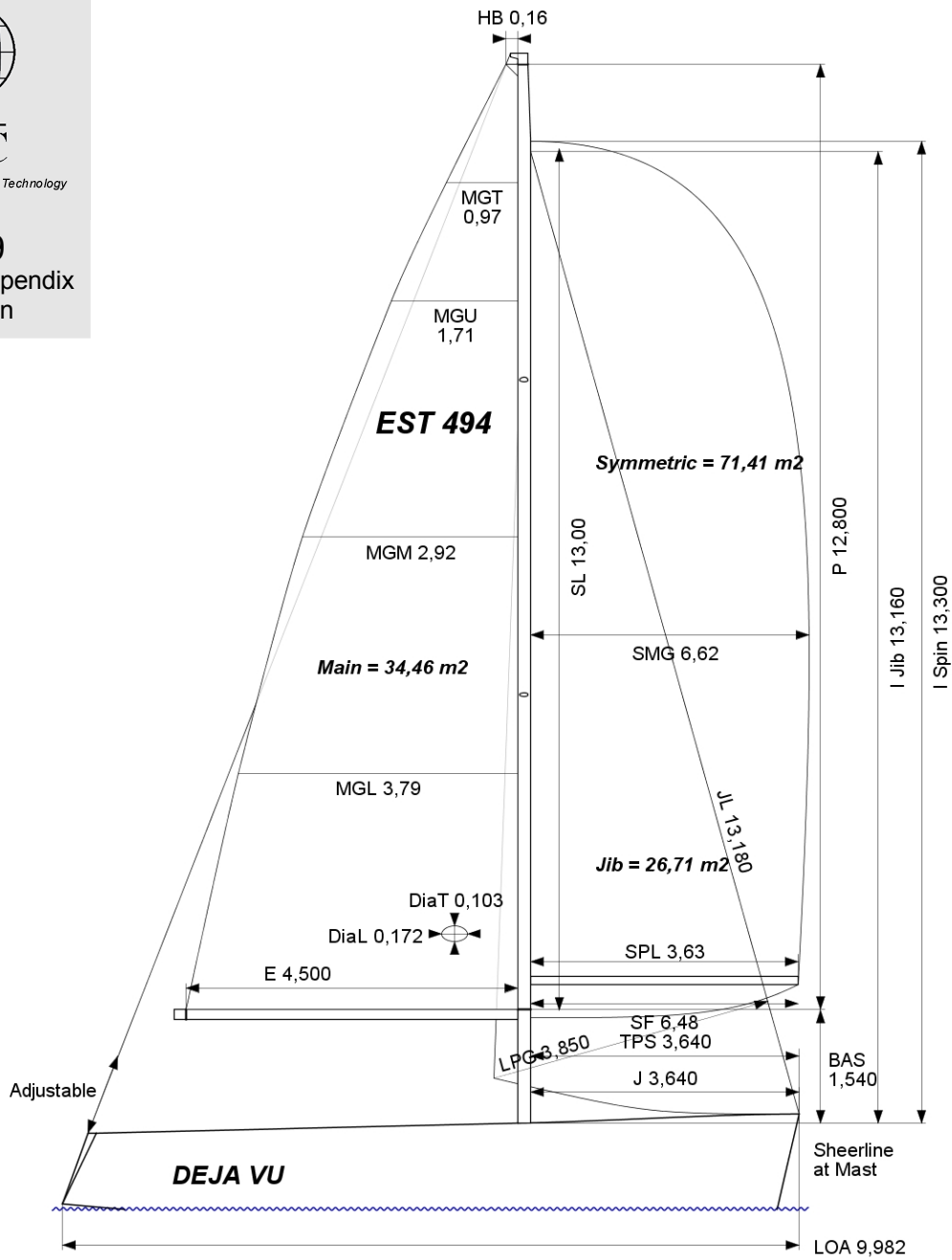
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SAILS (Maximum Areas)									
Mainsail	HB	MGT	MGU	MGM	MGL	MSW	Area	Formula	
	0,160	0,97	1,71	2,92	3,79	13,10	34,46	P/8 · (E + 2·MGL+ 2·MGM + 1.5·MGU + MGT + 0.5·HB)	
Jib/Genoa	JH	JGT	JGU	JGM	JGL	JL	LPG		
	0,10	0,57	1,09	2,09	3,01	13,18	3,85	0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)	
Symmetric	SL	SMG	SF						
	13,00	6,62	6,48				71,41	SL · (SF + 4·SMG) / 6	



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Sail Plan



SAILS INVENTORY

MAINSAIL

Id	HB	MGT	MGU	MGM	MGL	MSW	Area	Measurer	Meas.Dat	Manufacturer	Material	Comment
1	0,160	0,97	1,71	2,92	3,79	13,10	34,46				Unknown	

JIBS / GENOAS

Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Measurer	Meas.Dat	Manufacturer	Material	Comment
1	0,10	0,57	1,09	2,09	3,01	3,85	13,18	106%	26,72				Unknown	
2	0,10	0,51	0,94	1,83	2,78	3,71	12,64	102%	23,54				Unknown	

SYMMETRIC SPINNAKERS

Id	SL	SMG	SF	Area	Measurer	Meas.Dat	Manufacturer	Material	Comment
1	13,00	6,62	6,48	71,41				Unknown	
2	12,90	6,50	6,50	69,88				Unknown	

ASYMMETRIC SPINNAKERS

Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measurer	Meas.Dat	Manufacturer	Material	Comment
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