

BOAT
Name ADELE
Sail Nr EST 467

GPH
653,1

HULL	
Length Overall	9,980 m
Maximum Beam	3,372 m
Displacement	4.820 kg
Draft	2,011 m
IMS Reg. Division	Cruiser/Racer
Dynamic Allowance	0,223%
Fwd Accommodation	No
Hull Construction	Cored
Carbon Rudder	No
Crew Arm Extension	
IMS L	9,179 VCGD -0,060 VCGM -0,058
Sink	16,77 kg/mm Wetted Area 22,54 m²



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GENERAL
Class First 34.7
Designer Farr
Builder Beneteau
Series 10/2005
Age 05/2007
Age Allowance 0,292%
Offset File F235.OFF - 28/4/2014 17:19:08
Measurement by A.Tetsmann/Rosme - 27/07/2013

SCORING OPTIONS						
	OFFSHORE			INSHORE		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	633,1			703,4		
Time On Time	0,9477			0,9596		
Performance Line	PLT	PLD		PLT	PLD	
	0,801	100,0		0,746	157,2	
Triple Number	Low	Medium	High	Low	Medium	High
	0,8905	1,1714	1,3287	0,6848	0,9500	1,1208

Rating Office

Offshore
Racing
Congress



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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1116,4	923,8	815,2	745,4	715,4	700,6	693,1
52°	726,7	608,5	545,4	516,7	504,1	498,5	494,8
60°	683,1	574,9	526,4	503,7	490,5	483,7	479,0
75°	649,0	552,1	513,5	493,6	477,2	463,3	449,3
90°	656,6	551,1	507,6	486,6	477,7	460,9	432,7
110°	667,9	551,8	506,9	481,8	457,4	435,2	416,9
120°	691,7	568,8	514,7	488,9	466,4	442,9	402,9
135°	773,8	630,8	546,1	508,2	485,0	462,8	418,6
150°	921,4	726,6	613,5	542,0	507,3	484,9	441,6
Run VMG	1064,0	838,5	705,2	610,4	546,1	510,5	466,8
Selected Courses							
Windward / Leeward	1090,2	881,2	760,2	677,9	630,7	605,6	580,0
Circular Random	907,8	729,7	633,2	576,6	541,5	518,6	490,3
Ocean for PCS	966,8	761,8	647,2	577,3	531,6	499,5	453,9
Non Spinnaker	962,6	768,4	662,0	598,8	559,5	534,0	503,4

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VPP Ver. 2014 1.01
Valid until 31/12/2014

Crew Weight
Declared 713 kg
Default* 595 kg
Non Manual Pwr No

Special Scoring
ToD ToT
Double H.GPH 656,4 0,9141
Double H.OSN 638,5 0,9397
Non Spin GPH 683,6 0,8777
Non Spin OSN 659,6 0,9096
N/S Perf. Line 72,9 0,727

Sails Limitations		
Genoas 0	Jibs 4	Spinnakers 3
Spinnaker configuration Symmetric		

Storm Sails Areas
Heavy Weather Jib 23,85
Storm Jib (JL=8,64) 8,83
Storm Trysail 10,08

Owner

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	43,4°	42,0°	42,0°	40,3°	39,3°	38,6°	38,6°
Beat VMG	3,22	3,90	4,42	4,83	5,03	5,14	5,19
52°	4,95	5,92	6,60	6,97	7,14	7,22	7,28
60°	5,27	6,26	6,84	7,15	7,34	7,44	7,52
75°	5,55	6,52	7,01	7,29	7,54	7,77	8,01
90°	5,48	6,53	7,09	7,40	7,54	7,81	8,32
110°	5,39	6,52	7,10	7,47	7,87	8,27	8,64
120°	5,20	6,33	6,99	7,36	7,72	8,13	8,94
135°	4,65	5,71	6,59	7,08	7,42	7,78	8,60
150°	3,91	4,95	5,87	6,64	7,10	7,42	8,15
Run VMG	3,38	4,29	5,10	5,90	6,59	7,05	7,71
Gybe Angles	145,6°	151,9°	157,3°	168,9°	175,5°	178,8°	178,8°

BOAT	
Name ADELE	Sail Nr EST 467
File (0)	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 15/05/2008	SG 1,0020	
FFM 1,288	FF 1,300	SFFP 0,172
FAM 1,014	FA 1,019	SAFP 9,530
W1 62,600	PD1 220,0	WD 10,260
W2 62,600	PD2 216,0	GSA 12,6
W3 62,600	PD3 217,0	RSA 4298,7
W4 62,600	PD4 219,0	PLM 2005,0
LCF from stem on CL / on sheer		5,432 / 5,668
Maximum beam station from stem		6,642
RM Measured / Default		103,1 / 101,8
Limit of positive stability / Stab.Index		125,3° / 125,5
Freeboard at mast at 3,640		1,157



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RIG				
Forestay Tension Aft	Spreaders 2			
Inner Stay None Fitted	Runners 0			
Carbon Mast No	Jumper Struts None			
Taper Hollows No	Jib Furler No			
Fiber Rigging No	Main Furler No			
Lenticular Rigging No	Without Backstay No			
Articulated Bowsprit No				
P 12,800	E 4,500	MDT1 0,117	MW 0,170	
IG 13,210	J 3,640	MDL1 0,170	GO 0,192	
ISP 13,240	SFJ 0,000	MDT2 0,117	BD	
BAS 1,540	SPL 3,700	MDL2 0,135	MWT 129,10	
FSP 0,070	TPS	TL 0,750	MCG 4,540	

PROPELLER		
Installation Strut	PRD 0,410	
Type Folding	PBW	
Twin Screw No	PIPA 0,0036	
ST1 0,120	ST3 0,180	ST5 0,180
ST2 0,180	ST4 0,110	EDL 1,800

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MIZZEN RIG AND SAILS	
N/A	

MOVEABLE BALLAST		
N/A		

COMMENTS	

CENTERBOARD	
N/A	



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SAILS (Maximum Areas)						
Mainsail	HB	MGT	MGU	MGM	MGL	
	0,160	0,93	1,67	2,91	3,76	
	Area		Area (r)		Formula	
	34,17		34,85		P/8 · (E + 2·MGL + 2·MGM + 1.5·MGU + MGT + 0.5·HB)	
Symmetric	SL	SMG	SF			
	13,10	6,84	6,55	74,04		SL · (SF + 4·SMG) / 6
Asymmetric	Not Available					

HEADSAILS												
Area = 0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)												
JH	JGT	JGU	JGM	JGL	LPG	JL	Area	Btn	Fly	Meas.Date	Material	Comment
0,11	0,65	1,20	2,17	3,05	3,82	12,95	26,90			04/07/2013	Unknow	
0,10	0,56	1,05	2,08	2,95	3,78	12,95	25,80			26/04/2012	Unknow	
0,10	0,49	0,91	1,76	2,66	3,57	12,27	21,95			26/05/2010	Unknow	

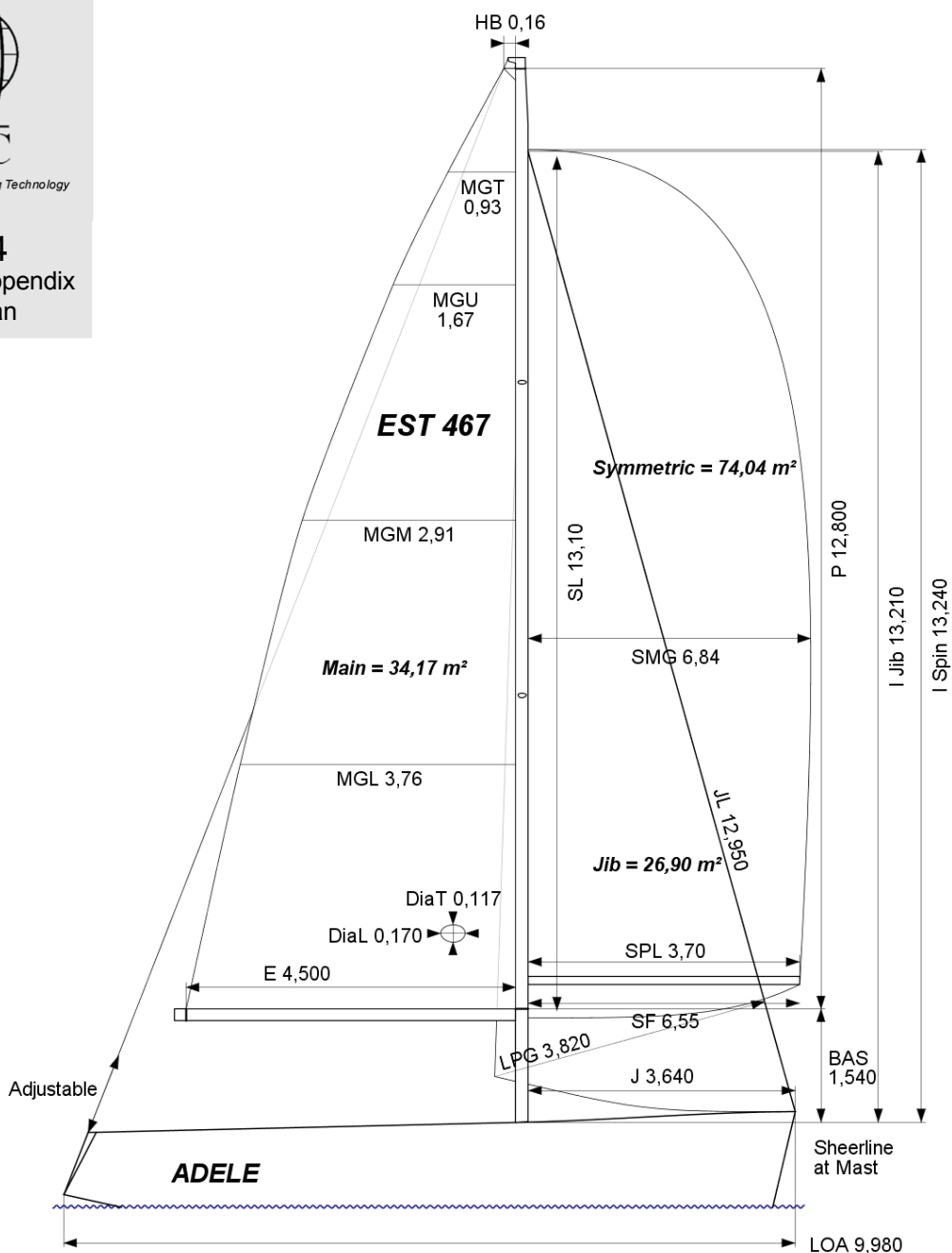
MEASUREMENT INVENTORY				
Measurer A Tetsmann EST 1				
Date				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
1	Anchor	18,0	3,75	Anchor
1	Tools	7,5	5,70	Tools , portside
<i>Id</i>	<i>Item</i>	<i>Maker</i>	<i>Model</i>	
1	Engine	Yanmar	3YM20	
<i>Id</i>	<i>Item</i>	<i>Weight Description</i>		

MEASUREMENT INVENTORY						
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG Condtm Description</i>
1	Tank	Water		100,0	4,00	Water tabk, portside
2	Tank	Fuel		60,0	7,55	Fuel tank, starboard
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>		
1	Battery		3,80	Battery Tudor 70Ah, portside		
2	Battery		4,10	Battery Varta 90Ah, portside		
1	Misc		7,00	Heater 15,0		
2	Misc		8,15	Shore power 10,0		



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Sail Plan



SAILS INVENTORY

MAINSAIL

Id	HB	MGT	MGU	MGM	MGL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
2	0,160	0,93	1,67	2,91	3,76	34,17	EST 1	26/04/2012	OneSail	Unknown	

HEADSAILS

Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
5	0,11	0,65	1,20	2,17	3,05	3,82	12,95	105%	26,90			EST 1	04/07/2013		Unknown	
3	0,10	0,56	1,05	2,08	2,95	3,78	12,95	104%	25,80			EST 1	26/04/2012	OneSails	Unknown	
4	0,10	0,49	0,91	1,76	2,66	3,57	12,27	98%	21,95			D206	26/05/2010		Unknown	

SYMMETRIC SPINNAKERS

Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment
5	13,10	6,84	6,55	74,04			OneSails	Unknown	S2
4	13,10	6,82	6,50	73,75	EST 2	27/07/2013		Unknown	
2	12,98	6,59	6,34	70,74				Unknown	
3	13,02	6,00	6,50	66,19	EST 2	30/07/2012	OneSails	Unknown	S3

ASYMMETRIC SPINNAKERS

Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
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