

BOAT Name ABSOLUTE BLUE Sail Nr 21	GPH 603,2	HULL Length Overall 11,924 m Maximum Beam 3,770 m Displacement 7.374 kg Draft 2,428 m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0,017% Fwd Accommodation Yes Hull Construction Solid Carbon Rudder No Crew Arm Extension
GENERAL Class FIRST 40.7 Designer BRUCE FARR Builder BENETEAU Series 05/1997 Age 05/2001 Age Allowance 0,487% Offset File EFRST407.OFF - 17/1/1998 19:48:20 Measurement by MIKAEL LINDQVIST - 02/05/2001		IMS L 10,687 VCGD -0,211 Sink 22,56 kg/mm RL 9,364 VCGM 0,020 WS 30,02 m²




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SCORING OPTIONS						
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	587,6			655,6		
Time On Time	1,0212			1,0296		
Performance Line	PLT	PLD		PLT	PLD	
	0,875	104,7		0,827	173,0	
Triple Number	Low	Medium	High	Low	Medium	High
	0,9703	1,2652	1,4296	0,7426	1,0200	1,1998

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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1004,1	838,0	739,4	690,1	665,8	651,7	644,3
52°	651,7	548,9	495,4	475,6	467,4	463,0	458,8
60°	612,1	519,3	479,6	462,4	454,4	449,6	445,5
75°	578,9	499,0	468,7	450,8	437,0	427,9	420,2
90°	581,9	500,9	469,9	451,9	435,5	419,7	397,9
110°	626,0	515,3	470,7	446,8	424,4	408,6	391,3
120°	647,1	531,2	478,3	453,3	431,9	409,9	378,9
135°	723,3	588,9	509,3	472,3	450,3	429,5	388,1
150°	867,6	685,9	578,5	508,6	473,3	451,7	411,4
Run VMG	1001,8	792,0	667,1	579,6	516,9	479,1	436,7

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Number **5724**
ORC Ref **SSF00001129**
Issued On **12/4/2015**
VPP Ver. **2015 1.01**
Valid until **31/12/2015**

Selected Courses							
Windward / Leeward	1002,9	815,0	703,3	634,8	591,4	565,4	540,5
Circular Random	833,8	672,3	585,1	534,1	502,5	481,8	456,4
Ocean for PCS	889,2	702,4	598,1	534,2	492,3	462,4	420,0
Non Spinnaker	873,1	700,3	606,0	550,2	515,3	492,3	463,6

Crew Weight

Declared **880 kg**
Default* **748 kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	625,3	0,9595
Non Spin OSN	608,3	0,9863
N/S Perf. Line	81,2	0,807

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	43,9°	42,7°	42,5°	40,6°	39,7°	38,8°	38,8°
Beat VMG	3,59	4,30	4,87	5,22	5,41	5,52	5,59
52°	5,52	6,56	7,27	7,57	7,70	7,78	7,85
60°	5,88	6,93	7,51	7,79	7,92	8,01	8,08
75°	6,22	7,21	7,68	7,99	8,24	8,41	8,57
90°	6,19	7,19	7,66	7,97	8,27	8,58	9,05
110°	5,75	6,99	7,65	8,06	8,48	8,81	9,20
120°	5,56	6,78	7,53	7,94	8,34	8,78	9,50
135°	4,98	6,11	7,07	7,62	7,99	8,38	9,28
150°	4,15	5,25	6,22	7,08	7,61	7,97	8,75
Run VMG	3,59	4,55	5,40	6,21	6,96	7,51	8,24
Gybe Angles	143,9°	149,5°	152,9°	159,5°	173,6°	178,2°	178,8°

Sails Limitations

Headsails	Spinnakers
6	3

Class Division Length
CDL = **10,026**

Storm Sails Areas

Heavy Weather Jib **33,72**
Storm Jib (JL=10,27) **12,49**
Storm Triesail **14,07**

Owner

BOAT	
Name ABSOLUTE BLUE	Sail Nr 21
File (0)	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 02/05/1999	SG 1,0040	
FFM 1,330	FF 1,346	SFFP 0,292
FAM 1,097	FA 1,107	SAFP 11,313
W1 9,800	PD1 48,3	WD 11,824
W2 30,200	PD2 156,4	GSA 1,0
W3 57,600	PD3 297,7	RSA 1,0
W4 71,300	PD4 368,4	PLM 9000,0
LCF from stem on CL / on sheer		6,498 / 6,744
Maximum beam station from stem		7,502
RM Measured / Default		180,2 / 184,8
Limit of positive stability / Stab.Index		118,4° / 121,5
Freeboard at mast at 4,403		1,206

RIG			
Forestay Tension Aft	Spreaders 3		
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 14,890	E 5,401	MDT1 0,117	MW 0,215
IG 15,714	J 4,403	MDL1 0,215	GO 0,240
ISP 15,814	SFJ 0,000	MDT2 0,120	BD 0,186
BAS 1,724	SPL 4,403	MDL2 0,172	MWT 217,10
FSP 0,064	TPS 0,000	TL 0,860	MCG 8,940



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2015 Measurements Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0,437	
Type Folding 2 blades	PBW 0,110	
Twin Screw No	PIPA 0,0031	
ST1 0,047	ST3 0,170	ST5 0,307
ST2 0,170	ST4 0,097	EDL 2,240

Certificate	
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COMMENTS

MOVEABLE BALLAST
N/A



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CENTERBOARD
N/A

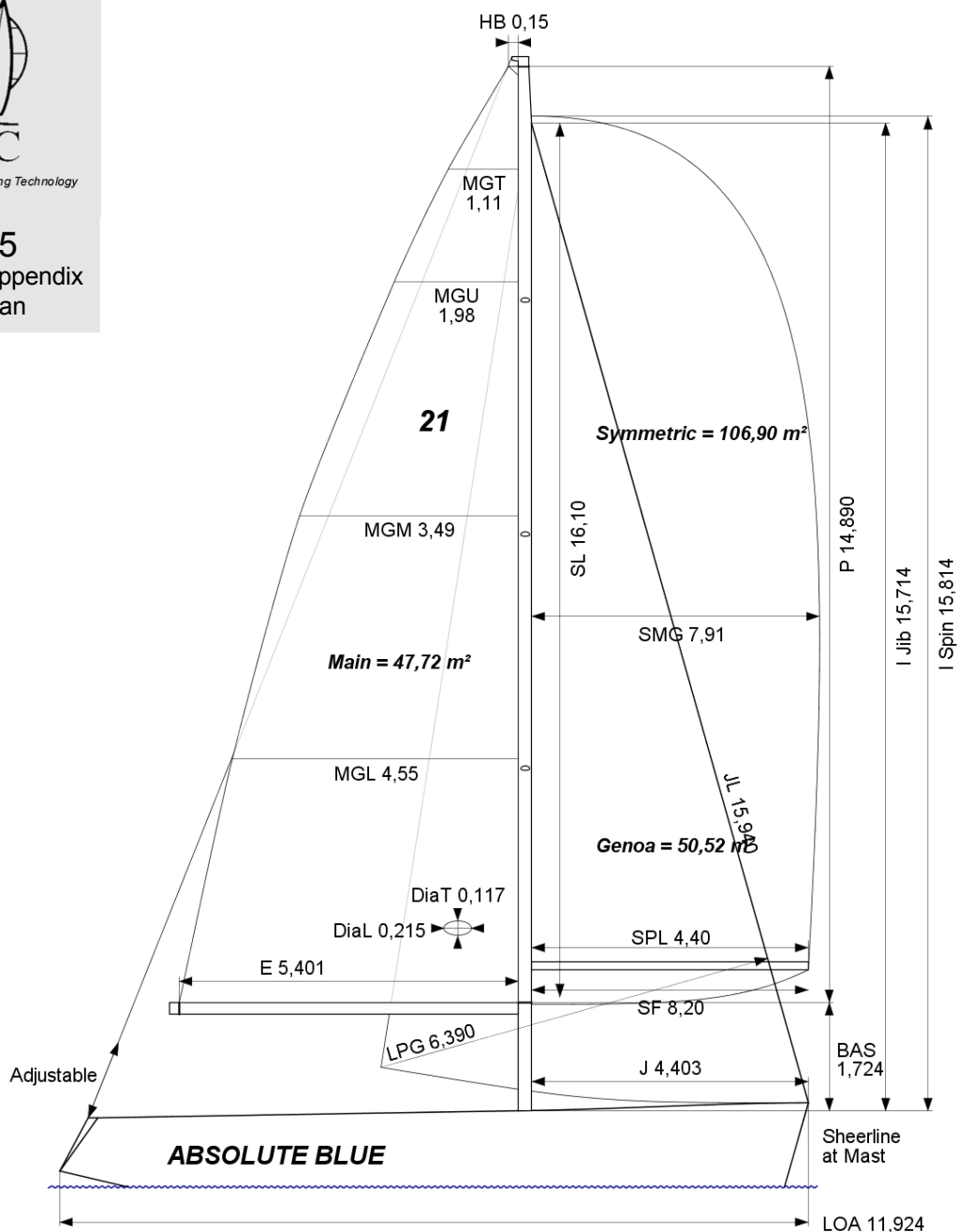
SAILS (Maximum Areas)						
Mainsail	HB	MGT	MGU	MGM	MGL	Area Area (r) Formula
	0,150	1,11	1,98	3,49	4,55	47,72 48,73 $P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$
Symmetric	SL	SMG	SF			
	16,10	7,91	8,20	106,90	$SL \cdot (SF + 4 \cdot SMG) / 6$	
Asymmetric						
Not 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
0,08	0,80	1,55	3,14	4,75	6,39	15,94	50,53				Unknow
0,05	0,50	0,96	1,79	2,57	3,42	13,30	23,38	N	Y		Unknow *Legacy Code 0: SLU=15,90 SLE=14,70 AMG=3,88 ASF=7,05



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Sail Plan



SAILS INVENTORY

MAINSAIL

Id	HB	MGT	MGU	MGM	MGL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	0,150	1,11	1,98	3,49	4,55	47,72					* Copied from legacy

HEADSAILS

Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
L1	0,08	0,80	1,55	3,14	4,75	6,39	15,94	145%	50,53							Unknow
ORC	0,05	0,50	0,96	1,79	2,57	3,42	13,30	78%	23,38	N	Y					Unknow *Legacy Code 0: SLU=15,90

SYMMETRIC SPINNAKERS

Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment
id 1	16,10	7,91	8,20	106,90					* Copied from legacy *
id 2	15,70	8,23	7,92	106,86			Unknown		

ASYMMETRIC SPINNAKERS

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