

BOAT Name HONK Sail Nr B25 141	GPH 675,4	HULL Length Overall 7,512m Maximum Beam 2,554m Displacement 1.244kg Draft 1,563m IMS Reg. Division Sportboat Dynamic Allowance 0,000% Fwd Accommodation No Hull Construction Cored Carbon Rudder No Crew Arm Extension IMSL 7,009m VCGD -0,025m Sink 7,68kg/mm RL 7,028m VCGM -0,041m WS 10,37m²
GENERAL Class PLATU 25 OD Designer FARR Builder BENETEAU Series 01/1997 Age 01/1995 Age Allowance 0,487% Offset File B25_15.OD - 13/4/2015 16:51:48 Measurement by ONEDESIGN - 14/05/2001		



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2015
ORC International
One Design Certificate

Rating Office

Offshore
Racing
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	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	657,6			732,4		
Time On Time	0,9124			0,9216		
Performance Line	0,823	130,1		0,916	307,1	
Triple Number	Low 0,8910	Medium 1,1167	High 1,2528	Low 0,6908	Medium 0,9184	High 1,0385

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1100,7	913,8	829,0	796,5	780,9	774,6	787,4
52°	723,1	618,2	584,2	571,3	564,4	560,6	559,1
60°	681,6	598,4	569,1	553,0	543,8	538,9	534,4
75°	651,1	585,9	554,7	526,8	507,9	498,8	493,2
90°	650,3	578,8	554,5	523,8	495,3	470,5	449,9
110°	657,8	578,3	534,0	493,9	472,8	454,0	425,2
120°	678,4	587,8	545,0	499,7	456,6	434,0	401,4
135°	758,3	625,7	574,6	536,2	494,5	452,0	366,9
150°	912,1	727,6	620,7	570,9	533,8	494,9	414,0
Run VMG	1053,2	840,8	709,1	621,0	573,5	537,5	464,1

Certificate

Number **140081**
ORC Ref **GER20011691**
Issued On **13/4/2015**
VPP Ver. **2015 1.01**
Valid until **1/1/2016**

Crew Weight

Declared **400kg**
Default* **388kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	693,6	0,8651
Double H.OSN	680,5	0,8818
Non Spin GPH	711,4	0,8434
Non Spin OSN	689,4	0,8703
N/S Perf. Line	108,0	0,749

Selected Courses							
Windward / Leeward	1076,9	877,3	769,1	708,8	677,2	656,0	625,8
Circular Random	914,9	746,1	656,7	604,8	571,8	549,0	517,4
Ocean for PCS	974,2	778,2	670,1	603,4	557,8	522,9	468,5
Non Spinnaker	979,0	791,0	690,4	631,8	595,2	570,3	537,6

Sails Limitations

Headsails	Spinnakers
6	3

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	42,5°	41,2°	39,0°	37,7°	36,9°	36,8°	38,3°
Beat VMG	3,27	3,94	4,34	4,52	4,61	4,65	4,57
52°	4,98	5,82	6,16	6,30	6,38	6,42	6,44
60°	5,28	6,02	6,33	6,51	6,62	6,68	6,74
75°	5,53	6,14	6,49	6,83	7,09	7,22	7,30
90°	5,54	6,22	6,49	6,87	7,27	7,65	8,00
110°	5,47	6,22	6,74	7,29	7,61	7,93	8,47
120°	5,31	6,13	6,61	7,20	7,88	8,30	8,97
135°	4,75	5,75	6,27	6,71	7,28	7,96	9,81
150°	3,95	4,95	5,80	6,31	6,74	7,27	8,70
Run VMG	3,42	4,28	5,08	5,80	6,28	6,70	7,76
Gybe Angles	138,5°	150,2°	157,6°	174,6°	178,7°	177,8°	175,2°

Class Division Length
CDL = **7,019**

Storm Sails Areas

Heavy Weather Jib	11,26
Storm Jib (JL=5,94)	4,17
Storm Trysail	5,98

Owner

BOAT	
Name HONK	Sail Nr B25 141
File B25141.dxt	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 01/01/1998	SG 1,0260	
FFM 0,902	FF 0,913	SFFP 0,120
FAM 0,675	FA 0,681	SAFP 7,313
W1 4,000	PD1 76,0	WD 8,240
W2 8,000	PD2 156,0	GSA 19,6
W3 12,000	PD3 231,0	RSA 6079,4
W4 16,000	PD4 311,0	PLM 2510,0
LCF from stem on CL / on sheer		4,195 / 4,370
Maximum beam station from stem		4,700
RM Measured		18,5kg·m
RM Default		22,8kg·m
Limit of positive stability / Stab.Index		117,6° / 109,7
Freeboard at mast at 2,600		0,829

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 9,395	E 3,640	MDT1 0,082	MW 0,121
IG 9,096	J 2,600	MDL1 0,121	GO 0,131
ISP 9,646	SFJ 0,000	MDT2 0,050	BD 0,120
BAS 1,181	SPL 3,300	MDL2 0,072	MWT 38,50
FSP	TPS	TL 2,340	MCG 3,510



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2015 Measurements Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER	
Type No Propeller	

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COMMENTS	
ONEDESIGN CERTIFICATE	
LIFELINE TENSION ACC CLASSRULE FOR ORC SPORTBOAT CLASS	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	



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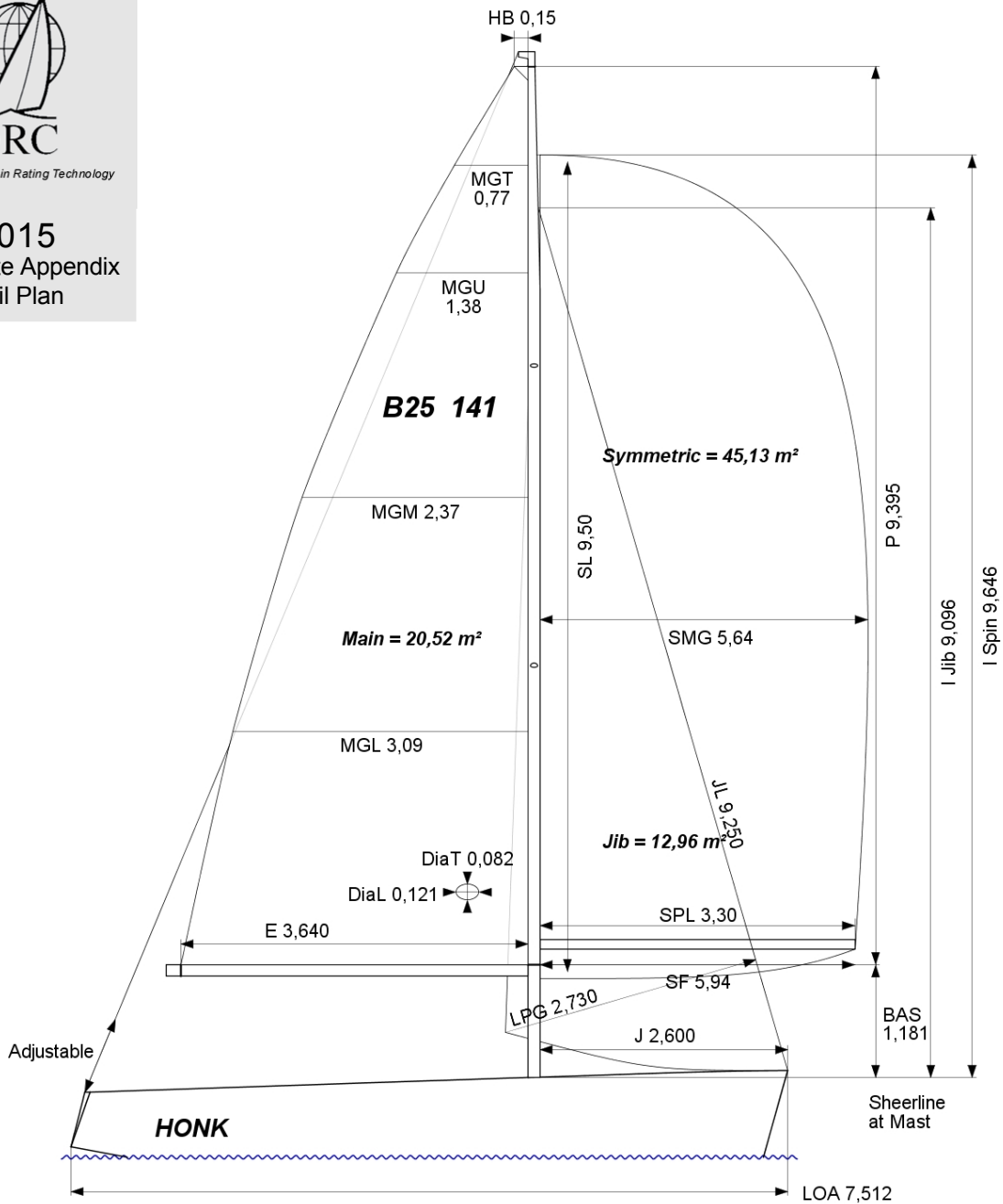
SAILS (Maximum Areas)						
Mainsail	HB	MGT	MGU	MGM	MGL	
	0,150	0,77	1,38	2,37	3,09	
						Area Area (r) Formula
						20,52 21,05 $P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$
Symmetric	SL	SMG	SF			
	9,50	5,64	5,94	45,13 $SL \cdot (SF + 4 \cdot SMG) / 6$		
Asymmetric						
Not Available						

HEADSAILS												
Area = $0.1125 \cdot JL \cdot (1.445 \cdot LPG + 2 \cdot JGL + 2 \cdot JGM + 1.5 \cdot JGU + JGT + 0.5 \cdot JH)$												
JH	JGT	JGU	JGM	JGL	LPG	JL	Area	Btn	Fly	Meas.Date	Material	Comment
0,08					2,73	9,25	12,96					* Copied from legacy *



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2015
Certificate Appendix
Sail Plan



SAILS INVENTORY																
MANSAIL																
Id	HB	MGT	MGU	MGM	MGL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ORC	0,150	0,77	1,38	2,37	3,09	20,52					* Copied from legacy					
HEADSAILS																
Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	0,08					2,73	9,25	105%	12,96							* Copied from legacy *
SYMMETRIC SPINNAKERS																
Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment							
ORC	9,50	5,64	0,00	45,13					* Copied from legacy *							
ASYMMETRIC SPINNAKERS																
Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				