

BOAT
Name THE JAHM Sail Nr PER 42237

GPH
634,7

HULL					
Length Overall	11,311 m				
Maximum Beam	3,877 m				
Displacement	7.001 kg				
Draft	1,636 m				
IMS Reg. Division	Cruiser/Racer				
Dynamic Allowance	0,675%				
Fwd Accommodation	Yes				
Hull Construction	Cored				
Carbon Rudder	No				
Trim Tab	No				
IMS L	10,319	VCGD	0,086	VCGM	0,073
Sink	21,23 kg/mm	Wetted Area	28,23 m²		



2009
ORC International
Certificate

GENERAL
Class J37WK
Designer R Johnstone
Builder T & P
Series 01/1991
Age 01/1991
Age Allowance 1,170%
Offset File US30034.OFF - 04/08/2008 12:47:54
Measurement by Carrion - 26/08/2008

SCORING OPTIONS	OFFSHORE			INSHORE		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	634,7			716,4		
Time On Time	0,9454			0,9422		
Performance Line	PLT	PLD		PLT	PLD	
	0,857	122,5		1,035	337,6	
Triple Number	Low	Medium	High	Low	Medium	High
	0,9353	1,1975	1,3354	0,7054	0,9570	1,1090

Rating Office
Federacion Peruana Vela
Bolognesi 761, Callao
5, Peru
Aguiles Rubina, Rat. Ofi.
rubina@terra.com.pe

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1098,1	904,7	815,0	766,5	738,1	721,4	708,8
52°	683,4	577,5	536,9	515,4	500,4	492,5	486,7
60°	624,2	544,1	508,6	489,5	481,0	476,2	471,9
75°	583,1	520,9	485,2	470,5	463,0	457,6	450,0
90°	584,8	514,2	478,1	466,4	458,2	445,3	430,4
110°	599,1	523,2	482,2	464,1	446,5	431,1	416,1
120°	634,1	539,8	492,7	469,7	452,4	431,0	402,5
135°	739,7	590,4	526,3	486,2	467,2	449,9	410,4
150°	889,0	691,2	583,6	527,0	488,7	469,1	432,8
Run VMG	1026,6	798,1	672,9	593,0	540,3	501,7	462,1

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Selected Courses							
Windward / Leeward	1082,1	867,2	754,7	688,7	646,6	618,6	592,4
Circular Random	869,3	703,8	616,0	565,5	534,7	514,8	490,4
Ocean for PCS	932,0	737,8	630,5	565,5	523,0	492,8	450,1
Non Spinnaker	933,3	747,9	647,4	588,5	552,4	529,3	502,5

Crew Weight	
Declared	713 kg
Default*	693 kg

Special Scoring	
ToD	ToT
Double Handed	638,3 0,9400
Non Spinnaker	668,2 0,8979

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	48,5°	45,6°	43,4°	41,7°	40,3°	39,5°	39,0°
Beat VMG	3,28	3,98	4,42	4,70	4,88	4,99	5,08
52°	5,27	6,23	6,70	6,99	7,19	7,31	7,40
60°	5,77	6,62	7,08	7,35	7,48	7,56	7,63
75°	6,17	6,91	7,42	7,65	7,78	7,87	8,00
90°	6,16	7,00	7,53	7,72	7,86	8,09	8,36
110°	6,01	6,88	7,47	7,76	8,06	8,35	8,65
120°	5,68	6,67	7,31	7,66	7,96	8,35	8,94
135°	4,87	6,10	6,84	7,40	7,71	8,00	8,77
150°	4,05	5,21	6,17	6,83	7,37	7,67	8,32
Run VMG	3,51	4,51	5,35	6,07	6,66	7,18	7,79
Gybe Angles	142,6°	145,5°	152,5°	162,4°	170,7°	171,7°	176,8°

Sails Limitations		
Genoa	Jibs	Spinnakers
1	0	3
Spinnaker configuration Symmetric		

Storm Sails Areas	
Heavy Weather Jib	33,67
Storm Jib (JL=10,27)	12,47
Storm Trysail	12,11

Owner
Enzo Rovegno
Av. Benavides 2220
Miraflores
rovegno17@yahoo.com

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature

BOAT	
Name THE JAHM	Sail Nr PER 42237
File THE JAHM.dxt	Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 2
Inner Forestay None Fitted	Runners 1
Carbon Mast No	Jumpers None
Taper Hollows No	w/o Backstay No
P 13,780	E 5,020 MDT1 0,124 TL 0,900
IG 15,670	J 4,480 MDL1 0,200 MWT
ISP 15,650	SFJ 0,000 MDT2 0,100 MCG
SPS 3,080	SPL 4,480 MDL2 0,140 CPW 2,350
BAS 1,720	TPS 0,070 MW 0,140 BD 0,155
BAL 0,190	FSP 0,070 GO 0,175 BWT

HEAVY ITEMS	
Bow Thruster No	Generator No Air Condition No
Windlass Yes	Jib Furler Yes Desalinator No
Heavy Deck No	Main Furler No
Headliners No	Water Heater Yes
Anchor Weight	Heavy Items Adjustment 0,0012
Anchor LCG	Total Gyradius Adjustment 0,0195

MIZZEN RIG AND SAILS	
N/A	

COMMENTS

INCLINING TEST AND FREEBOARDS	
Inclining Test Current Inclining	
Flotation date 20/08/2008 SG 1,0225	
FFM 1,140	FF 1,141 SFFP 0,639
FAM 0,862	FA 0,863 SAFFP 11,034
W1 21,500	PD1 65,0 WD 11,900
W2 43,000	PD2 130,0 GSA 38,0
W3 64,500	PD3 195,0 RSA 7800,0
W4 86,000	PD4 260,0 PLM 2130,0
Maximum beam station from stem 6,757	
RM Measured / Default 146,0 / 147,1	
Limit of positive stability 107,6°	
Stability Index 108,8	
Freeboard at mast at 4,480 0,983	

PROPELLER	
Installation Out of Aperture	PRD 0,460
Type Folding	PBW 0,121
Twin Screw No	PIPA 0,0032
PSA 20,000	PHL 0,150 ST3 0,085 ESL 0,850
PSD 0,025	ST1 0,017 ST4 0,050
PHD 0,043	ST2 0,075 ST5 0,189

WATER BALLAST	
N/A	

CENTERBOARD
N/A

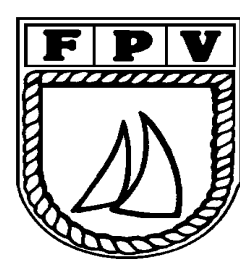
SAILS (Maximum Areas)									
Mainsail	HB	MGT	MGU	MGM	MGL	MSW	Area	Formula	
	0,205	1,06	1,94	3,25	4,27	0,00	41,57	P/8 · (E + 2·MGL+ 2·MGM + 1.5·MGU + MGT + 0.5·HB)	
Jib/Genoa	JH	JGT	JGU	JGM	JGL	JL	LPG	Formula	
	0,00	0,82	1,64	3,29	4,93	16,42	6,57	0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)	
Symmetric	SL	SMG	SF				Area	Formula	
	15,15	8,08	8,06				101,97	SL · (SF + 4·SMG) / 6	



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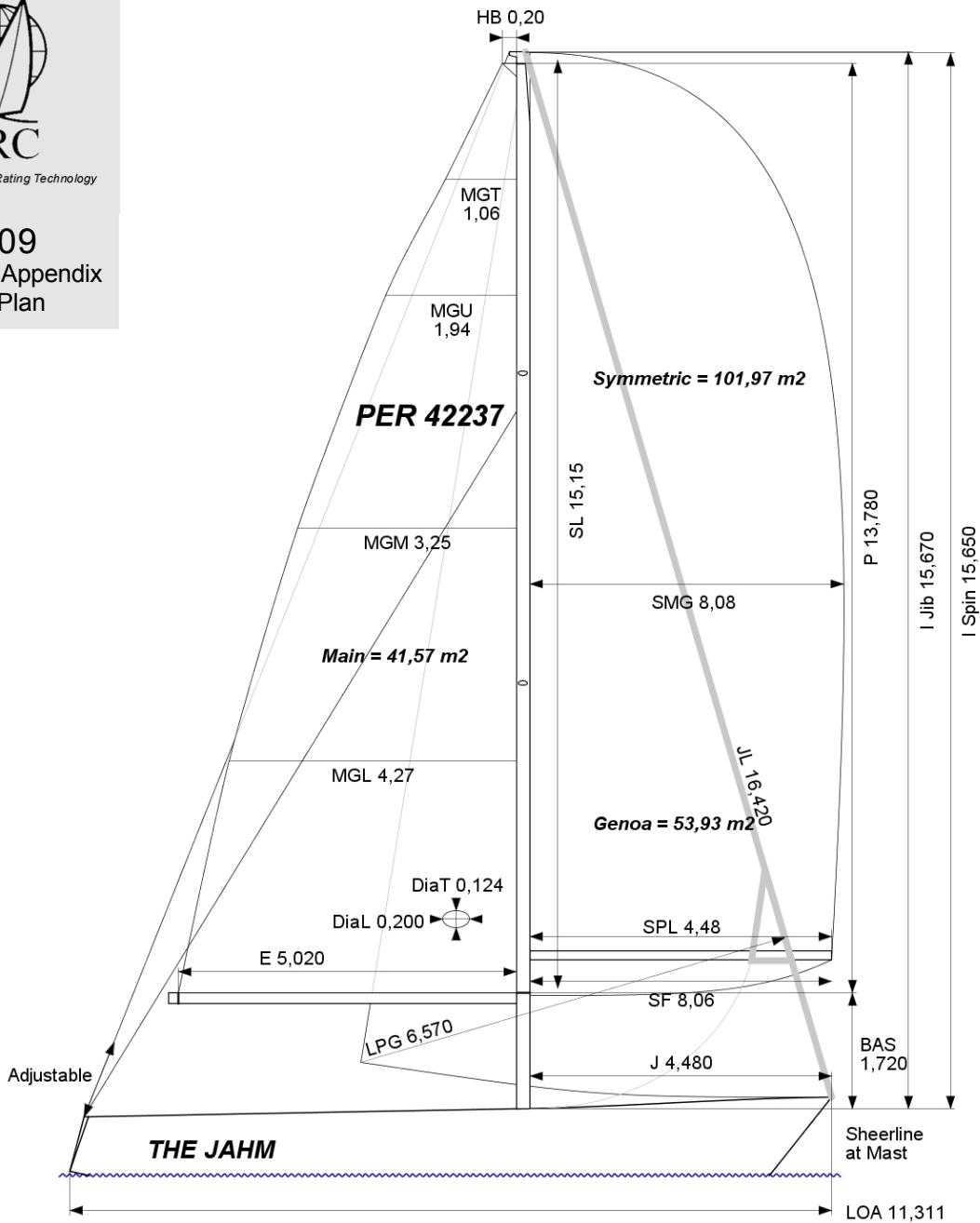
Number **PER124**
ORC Ref **PER00000021**
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VPP Ver. 1.11
Valid until **30/03/2010**





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Sail Plan



SAILS INVENTORY

MAINSAIL

Id	HB	MGT	MGU	MGM	MGL	MSW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	0,205	1,06	1,94	3,25	4,27	0,00	41,57					* Copied from legacy

JIBS / GENOAS

Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC						6,57	0,00	147%	53,93					* Copied from

SYMMETRIC SPINNAKERS

Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	15,15	8,08	0,00	101,97					* Copied from legacy *

ASYMMETRIC SPINNAKERS

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