

BOAT
Name THE JAHM Sail Nr PER 42237

GPH
638.9

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	0.651%
	Fwd Accommodation	Yes
	Hull Construction	Cored
	Carbon Rudder	No
	Trim Tab	No
	IMS L	10.179
	VCGD	0.086
	VCGM	0.073
	Sink	21.23 kg/mm
	Wetted Area	28.23 m²



2010
ORC International
Certificate

GENERAL
Class J37WK
Designer R Johnstone
Builder T & P
Series 01/1991
Age 01/1991
Age Allowance 0.975%
Offset File US30034.OFF - 12/05/1993 09:08:04
Measurement by Carrion - 26/08/2008

SCORING OPTIONS						
	OFFSHORE			INSHORE		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	638.9			724.6		
Time On Time	0.9391			0.9315		
Performance Line	PLT	PLD		PLT	PLD	
	0.838	112.7		1.013	328.8	
Triple Number	Low	Medium	High	Low	Medium	High
	0.9278	1.1891	1.3324	0.7011	0.9465	1.0960

Rating Office

Roberto Peschiera
peschiera56@gmail.com
Asociación de Veleros
Oceánicos del Peru

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1104.6	916.0	827.1	777.3	747.4	730.3	732.3
52°	689.7	586.0	540.8	518.7	506.1	498.5	494.5
60°	633.1	549.6	512.4	495.3	484.8	478.0	472.2
75°	592.3	523.6	490.7	470.3	458.9	451.7	443.2
90°	593.8	516.8	481.7	464.2	451.3	437.6	425.0
110°	607.2	526.0	487.0	460.2	439.3	425.8	412.0
120°	641.1	544.6	498.1	468.8	445.1	425.1	397.6
135°	741.6	597.8	529.0	491.3	464.8	442.6	404.7
150°	890.0	695.4	589.7	529.2	493.4	467.7	427.1
Run VMG	1027.7	803.0	679.2	598.1	542.5	505.3	457.0

Certificate	
Number	PERI24
ORC Ref	PER00000333
Issued On	03/07/2010
VPP Ver.	2010 1.11
Valid until	31/03/2011

Selected Courses							
Windward / Leeward	1086.7	875.2	763.6	696.4	652.8	625.1	601.3
Circular Random	876.0	709.3	620.2	568.6	536.8	516.4	493.2
Ocean for PCS	938.5	743.0	634.3	567.8	523.7	492.5	449.2
Non Spinnaker	925.1	743.7	645.3	587.3	551.2	528.0	501.4

Crew Weight	
Declared	713 kg
Default*	694 kg
Non Manual Power	No

Special Scoring		
	ToD	ToT
Double Handed	643.1	0.9330
Non Spinnaker	665.5	0.9016
N/S Perf. Line	82.0	0.759

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	48.1°	45.2°	43.4°	42.1°	41.1°	40.7°	41.4°
Beat VMG	3.26	3.93	4.35	4.63	4.82	4.93	4.92
52°	5.22	6.14	6.66	6.94	7.11	7.22	7.28
60°	5.69	6.55	7.03	7.27	7.43	7.53	7.62
75°	6.08	6.88	7.34	7.66	7.84	7.97	8.12
90°	6.06	6.97	7.47	7.76	7.98	8.23	8.47
110°	5.93	6.84	7.39	7.82	8.19	8.46	8.74
120°	5.62	6.61	7.23	7.68	8.09	8.47	9.05
135°	4.85	6.02	6.81	7.33	7.75	8.13	8.90
150°	4.04	5.18	6.10	6.80	7.30	7.70	8.43
Run VMG	3.50	4.48	5.30	6.02	6.64	7.13	7.88
Gybe Angles	142.8°	146.6°	153.7°	162.3°	169.4°	173.5°	175.1°

Sails Limitations		
Genoas	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 PER42237.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	Jib Furler Yes
Fiber Rigging 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	MW 0.140	BD 0.155
BAL 0.190	FSP 0.070	GO 0.175	BWT

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	SAFP 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 stern			6.744
RM Measured / Default			146.0 / 147.3
Limit of positive stability			107.6°
Stability Index			108.8
Freeboard at mast at 4.480			0.983

PROPELLER			
Installation Shaft	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	Area (r)	Formula	
	0.205	1.06	1.94	3.25	4.27	0.00	41.57	42.52	P/8 · (E + 2·MGL + 2·MGM + 1.5·MGU + MGT + 0.5·HB)	
Jib/Genoa	JH	JGT	JGU	JGM	JGL	JL	LPG			
	0.00	0.82	1.64	3.29	4.93	16.42	6.57	53.93	0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)	
Symmetric	SL	SMG	SF							
	15.15	8.08	8.06				101.97		SL · (SF + 4·SMG) / 6	




ORC
World Leader in Rating Technology

2010
IMS Measurement
Certificate

Certificate

Number **PERI24**
ORC Ref **PER00000333**
Issued On **03/07/2010**
VPP Ver. **2010 1.11**
Valid until **31/03/2011**

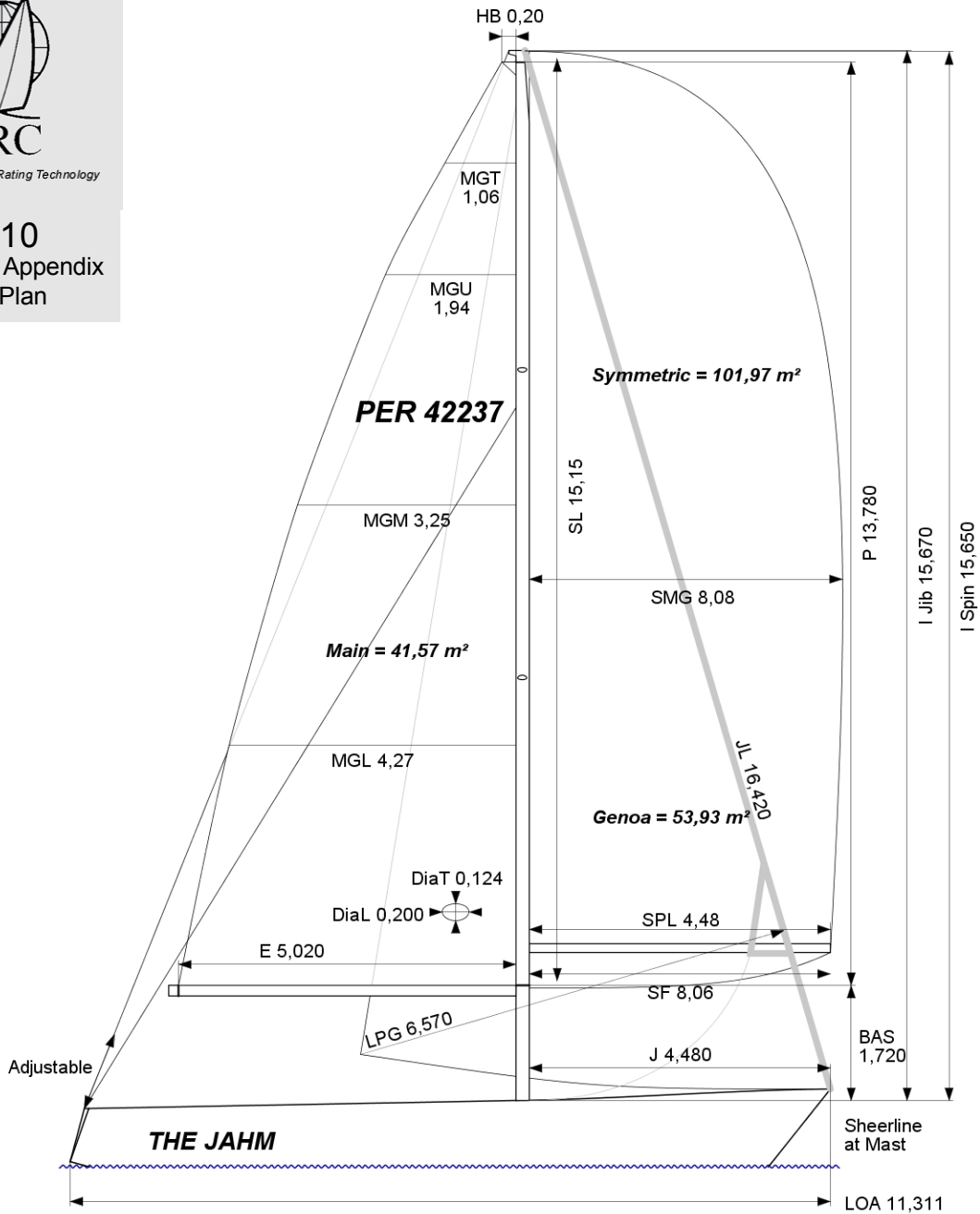


AVOP



World Leader in Rating Technology

2010
Certificate Appendix
Sail Plan



SAILS INVENTORY

MANSAIL

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	Overlp	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
----	-----	-----	-----	-----	-----	------	------	----------	-----------	-------------	----------	---------