

BOAT
Name AUDAZ
Sail Nr PER 43833

GPH
624.4

HULL
Length Overall 10.025 m
Maximum Beam 3.133 m
Displacement 3,197 kg
Draft 2.271 m
IMS Reg. Division Performance
Dynamic Allowance 0.003%
Fwd Accommodation No
Hull Construction Cored
Carbon Rudder No
Crew Arm Extension
IMS L 9.072 VCGD -0.145 VCGM 0.017
Sink 15.37 kg/mm Wetted Area 20.30 m²



World Leader in Rating Technology


2011
ORC International
Certificate

GENERAL
Class Tripp 33
Designer Tripp
Builder Carrol Marine
Series 06/1992
Age 06/1992
Age Allowance 0.975%
Offset File US30257.OFF - 06/05/1993 03:32:18
Measurement by G.Liza/L.Yarlaque - 22/07/2010

SCORING OPTIONS						
	OFFSHORE			INSHORE		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	624.4			680.7		
Time On Time	0.9609			0.9916		
Performance Line	PLT	PLD		PLT	PLD	
	0.854	109.8		0.883	234.2	
Triple Number	Low	Medium	High	Low	Medium	High
	0.9446	1.2192	1.3726	0.7258	0.9842	1.1345

Rating Office

Roberto Peschiera
peschiera56@gmail.com
Asociacion de Veleros
Oceanicos del Peru



TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1007.4	834.3	757.9	718.1	695.0	690.0	699.2
52°	656.5	560.8	522.0	505.5	495.6	490.1	491.1
60°	622.0	539.2	502.6	487.9	478.5	472.6	469.1
75°	596.8	525.1	487.9	464.6	454.3	447.2	440.0
90°	604.2	530.1	488.9	465.4	442.0	426.9	415.3
110°	636.5	536.6	489.1	455.2	427.9	414.4	391.3
120°	661.9	553.6	500.8	466.1	436.5	407.5	372.8
135°	758.7	609.8	535.1	494.2	463.2	435.6	379.7
150°	916.3	710.4	600.1	534.8	496.0	466.3	414.9
Run VMG	1058.1	820.3	690.2	604.7	545.6	506.2	450.8

Certificate
Number PERI29
ORC Ref PER00000161
Issued On 09/06/2011
VPP Ver. 2011 1.02
Valid until 31/03/2012

Selected Courses							
Windward / Leeward	1051.9	843.0	734.3	669.7	628.7	605.1	579.2
Circular Random	859.9	694.5	605.9	554.3	522.5	501.7	476.5
Ocean for PCS	917.2	725.4	618.7	553.5	510.4	479.6	436.0
Non Spinnaker	903.1	724.9	628.2	571.3	535.8	512.8	484.7

Crew Weight
Declared 585 kg
Default* 566 kg
Non Manual Power No

Special Scoring		
	ToD	ToT
Double Handed	632.9	0.9480
Non Spinnaker	648.1	0.9258
N/S Perf. Line	86.0	0.786

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	44.1°	41.1°	39.4°	37.9°	36.8°	36.9°	37.7°
Beat VMG	3.57	4.32	4.75	5.01	5.18	5.22	5.15
52°	5.48	6.42	6.90	7.12	7.26	7.34	7.33
60°	5.79	6.68	7.16	7.38	7.52	7.62	7.67
75°	6.03	6.86	7.38	7.75	7.92	8.05	8.18
90°	5.96	6.79	7.36	7.74	8.15	8.43	8.67
110°	5.66	6.71	7.36	7.91	8.41	8.69	9.20
120°	5.44	6.50	7.19	7.72	8.25	8.84	9.66
135°	4.74	5.90	6.73	7.28	7.77	8.26	9.48
150°	3.93	5.07	6.00	6.73	7.26	7.72	8.68
Run VMG	3.40	4.39	5.22	5.95	6.60	7.11	7.99
Gybe Angles	142.8°	147.2°	154.5°	162.9°	171.2°	175.0°	175.6°

Sails Limitations		
Genoa	Jibs	Spinnakers
3	2	3
Spinnaker configuration Symmetric		

Storm Sails Areas	
Heavy Weather Jib	22.22
Storm Jib (JL=8.34)	8.23
Storm Trysail	10.40

Owner

Carlos Silva / Paul
Devescovi
Pontevedra 274, Urb. La
Estancia
La Molina, Lima 12
PERU

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

Signature

BOAT	
Name AJDAZ File PER43833.dxt	Sail Nr PER 43833 Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 2
Inner Forestay None Fitted	Runners 1
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 12.500	E 4.754 MDT1 0.085 TL 0.975
IG 12.830	J 3.350 MDL1 0.164 MWT
ISP 13.036	SFJ 0.187 MDT2 0.085 MCG
SPS 2.750	SPL 3.685 MDL2 0.117 CPW 1.635
BAS 1.518	TPS 0.052 MW 0.117 BD 0.160
BAL 0.110	FSP 0.052 GO 0.117 BWT

MIZZEN RIG AND SAILS	
N/A	

COMMENTS	
NUEVA VELA MAYOR	

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 22/07/2010		SG 1.0260
FFM 1.101	FF 1.101	SFFP 0.549
FAM 0.983	FA 0.983	SAFP 8.871
W1 55.000	PD1 563.6	WD 9.785
W2 55.000	PD2 563.6	GSA 1.0
W3 55.000	PD3 563.6	RSA 1.0
W4 55.000	PD4 563.6	PLM 9000.0
Maximum beam station from stem		5.873
RM Measured / Default		75.2 / 80.3
Limit of positive stability		116.7°
Stability Index		113.7
Freeboard at mast at 3.537		1.033

PROPELLER		
Installation Shaft	PRD 0.305	
Type Feathering 2 blades	PBW 0.084	
Twin Screw No	PIPA 0.0030	
PSA 16.000	PHL 0.135 ST3 0.100 ESL 0.852	
PSD 0.025	ST1 0.025 ST4 0.042	
PHD 0.050	ST2 0.100 ST5 0.170	

WATER BALLAST	
N/A	


CENTERBOARD	
N/A	



2011
IMS Measurement
Certificate

Certificate

Number **PERI29**
ORC Ref **PER00000161**
Issued On **09/06/2011**
VPP Ver. **2011 1.02**
Valid until **31/03/2012**



AVOP

SAILS (Maximum Areas)									
Mainsail	HB	MGT	MGU	MGM	MGL	MSW	Area	Area (r)	Formula
	0.175	0.96	1.76	3.05	3.98	15.40	35.16	35.96	$P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$
Jib/Genoa	JH	JGT	JGU	JGM	JGL	JL	LPG		
	0.00	0.63	1.24	2.46	3.71	12.46	5.01	30.93	$0.1125 \cdot JL \cdot (1.445 \cdot LPG + 2 \cdot JGL + 2 \cdot JGM + 1.5 \cdot JGU + JGT + 0.5 \cdot JH)$
Symmetric	SL	SMG	SF						
	12.06	6.64	6.44					66.33	$SL \cdot (SF + 4 \cdot SMG) / 6$

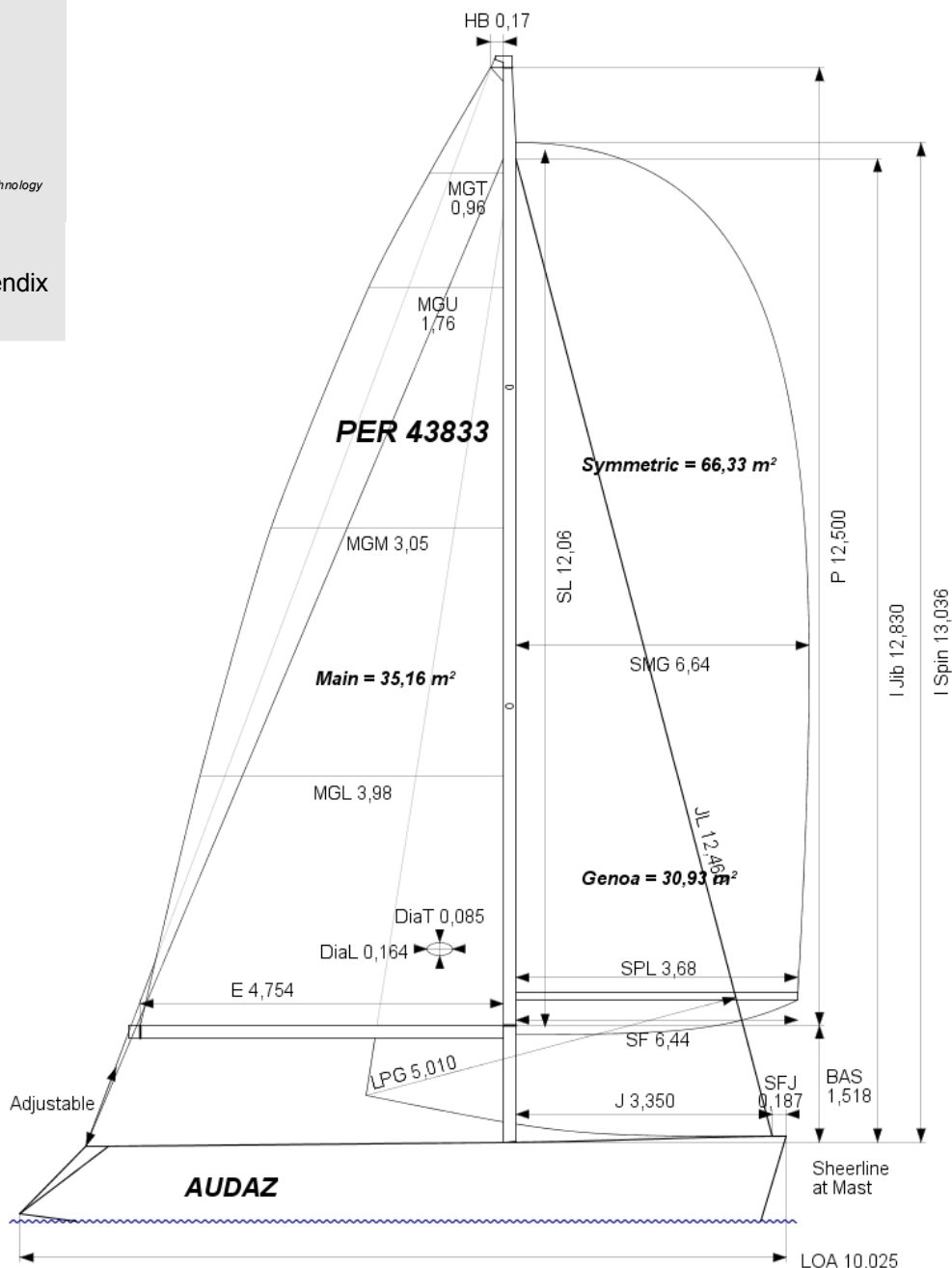
MEASUREMENT INVENTORY			
Measurer G.Liza/L.Yarlaque			
Date 22/07/2010			
Comment			
Id	Item	Weight	Distanc Description
3.1	Anchor	3.2	con 15 mts. de
3.2	Chain	1.2	
3.3	Tools	20.0	3.95 al pie del
Id	Item	Maker	Model
1.1	Engine	westrebeke	12 HP
Id	Item	Weight	Description
3.8	Deck Gear	6.0	cabos, poleas, maniv elas

MEASUREMENT INVENTORY						
Id	Item	Tank Use	Tank Type	Capct	Dist.	Condt Description
2.1	Liquid Tank	Gasolina	flex	14.5	5.45	0.0 ubicado bajo
2.2	Liquid Tank	Agua	flex	4.0	6.45	0.0 ubicado bajo
Id	Item	Weight	Distanc	Description		
3.6	Battery	44.0		2 ubicadas bajo camilla de estribor centro		
3.7	Miscellaneous	15.0		4.15 caja termica lado estribor		
3.5	Miscellaneous	3.0		3.42 lavadero de acero		
3.4	Miscellaneous	7.0		4.36 cocina a alcohol		



World Leader in Rating Technology

2011
Certificate Appendix
Sail Plan



SAILS INVENTORY														
MANSAIL														
Id	HB	MGT	MGU	MGM	MGL	MSW	Area	Measur	Meas.Date	Manufacture	Material	Comment		
M2	0.146	0.95	1.72	2.96	3.95	15.50	34.65	G LIZ	27/01/2011	DOYLE	Dacron	nueva vela may or remedido para		
M1	0.175	0.96	1.76	3.05	3.98	15.40	35.16	G.Liza/L.Yarlaque	18/06/2010	NORTH	Kevlar	remedido para		
JIBS / GENOAS														
Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Measur	Meas.Date	Manufacture	Material	Comment
1	0.10	0.44	0.82	1.54	2.36	3.23	12.10	96%	19.31	G.Liza/L.	24/06/2010	NORTH	Kevlar	remedido para
G1			1.24	2.45	3.69	5.01	12.40	150%	30.70	YCA			Unknown	
G2			1.24	2.46	3.71	5.01	12.46	150%	30.93	YCA			Unknown	
SYMMETRIC SPINNAKERS														
Id	SL	SMG	SF	Area	Measur	Meas.Date	Manufacture	Material	Comment					
S2	12.06	6.64	6.44	66.33	G.Liza/L.Yarlaque	24/06/2010	NORTH	Poly ester	remedido para confirmar medición anterior					
S1	12.03	6.65	6.43	66.23	YCA			Unknown						
s3	12.03	6.64	6.48	66.25	YCA			Unknown						
ASYMMETRIC SPINNAKERS														
Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measur	Meas.Date	Manufacture	Material	Comment		