

BOAT Name HIGH NOISE Sail Nr USA 6	GPH 624.9	HULL Length Overall 10.300m Maximum Beam 3.536m Displacement 4,514kg Draft 1.897m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.086% Fwd Accommodation Yes Hull Construction Cored Carbon Rudder No Crew Arm Extension
GENERAL Class Italia 9.98 Designer Polli Builder Italia Yachts Series 09/2014 Age 05/2016 Age Allowance 0.065% Offset File IY998mp.off - 04/11/2015 14:00:04 Measurement by Dobbs Davis - 05/01/2017		IMSL 9.384m VCGD 0.090m Sink 17.64kg/mm RL 8.243m VCGM 0.090m WS 23.39m² LSMO 9.106m Displacement/Length ratio 5.9783



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SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Low	Medium	High	Low	Medium	High
Time On Distance	607.1			680.7		
Time On Time	0.9883			0.9917		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	721.9	552.5	486.1	938.3	685.3	588.7
Time on Time	0.9350	1.2218	1.3885	0.7194	0.9849	1.1465

TIME ALLOWANCES	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1094.8	901.3	795.5	735.5	708.8	696.6	685.8
52°	705.5	588.0	528.0	500.9	490.7	485.8	480.3
60°	658.9	553.7	508.3	486.1	474.0	468.1	464.0
75°	620.2	529.1	494.1	472.2	452.7	439.4	430.7
90°	621.4	529.9	489.0	472.2	451.6	431.9	404.0
110°	633.8	525.0	483.6	453.6	430.4	417.8	395.3
120°	652.0	536.5	490.0	460.4	431.0	404.1	376.3
135°	720.9	582.8	512.4	479.9	452.3	425.3	372.2
150°	848.8	672.6	568.5	510.2	480.4	454.9	406.1
Run VMG	980.1	776.7	655.7	579.4	526.3	491.6	442.5

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VPP Ver. **2016 1.01**
Valid until **28/02/2017**

Crew Weight

Declared **725kg**
Default* **602kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	658.3	0.9114
Non Spin OSN	638.8	0.9393

Selected Courses	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Windward / Leeward	1037.5	839.0	725.6	657.4	617.6	594.1	564.2
Circular Random	866.1	697.3	606.2	552.6	519.0	496.5	467.0
Ocean for PCS	1062.9	819.1	681.0	595.9	539.9	500.4	445.0
Non Spinnaker	925.1	739.3	637.6	577.3	539.4	514.3	482.4

Sails Limitations

Headsails	Spinnakers
6	3

Velocity Prediction in Knots for True Wind Speeds	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	44.4°	43.2°	42.8°	41.8°	40.6°	40.1°	40.0°
Beat VMG	3.29	3.99	4.53	4.89	5.08	5.17	5.25
52°	5.10	6.12	6.82	7.19	7.34	7.41	7.50
60°	5.46	6.50	7.08	7.41	7.60	7.69	7.76
75°	5.80	6.80	7.29	7.62	7.95	8.19	8.36
90°	5.79	6.79	7.36	7.62	7.97	8.34	8.91
110°	5.68	6.86	7.44	7.94	8.36	8.62	9.11
120°	5.52	6.71	7.35	7.82	8.35	8.91	9.57
135°	4.99	6.18	7.03	7.50	7.96	8.46	9.67
150°	4.24	5.35	6.33	7.06	7.49	7.91	8.86
Run VMG	3.67	4.64	5.49	6.21	6.84	7.32	8.14
Gybe Angles	145.2°	149.1°	151.2°	157.6°	180.0°	180.0°	180.0°

Class Division Length

CDL = **8.815**

Storm Sails Areas


Heavy Weather Jib	26.04
Storm Jib (JL=9.03)	9.64
Storm Trysail	10.80

Owner

BOAT			
Name	HIGH NOISE	Sail Nr	USA6
File	US6122	Data in	meters/kilograms

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date		08/01/2017	SG 1.0170
FFM	1.260	FF	1.260 SFFP 0.000
FAM	0.628	FA	0.634 SAFFP 10.300
W1	61.2	PD1	545.3 WD 12.005
W2	61.2	PD2	548.9 GSA 1.0
W3	61.2	PD3	550.7 RSA 1.0
W4	61.2	PD4	549.5 PLM 9000.0
LCF from stem on CL / on sheer		5.591 / 5.820	
Maximum beam station from stem		7.304	
RM Measured		105.5kg·m	
RM Default		113.1kg·m	
Limit of positive stability / Stab.Index		117.9° / 114.7	
Freeboard at mast at 4.332		1.224	

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	12.852	E	4.800 MDT1 0.125 MW 0.182
IG	13.782	J	4.211 MDL1 0.182 GO 0.214
ISP	14.872	SFJ	0.121 MDT2 0.123 BD 0.223
BAS	1.570	SPL	4.188 MDL2 0.150 MWT
FSP	0.076	TPS	TL 0.955 MCG




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MIZZEN RIG AND SAILS			
N/A			

PROPELLER			
Installation	Strut	PRD	0.380
Type	Folding 2 blades	PBW	0.100
Twin Screw		PIPA	0.0039
ST1	0.070	ST3	0.180 ST5 0.320
ST2	0.180	ST4	0.110 EDL 1.340

COMMENTS			
Captain: Juan Mazini			

MOVEABLE BALLAST			
N/A			

CENTERBOARD			
N/A			

SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.350	1.03	1.75	2.94	3.91	35.87	36.56	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL	91.67		SL · (SFL + 4·SHW) / 6	
	14.64	14.64	14.64	7.56	7.33				
Asymmetric	Not Available								

HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment
0.08	0.73	1.32	2.40	3.39	4.49	13.88	32.51	Y	N	07/01/2017	Technor	North 3DL

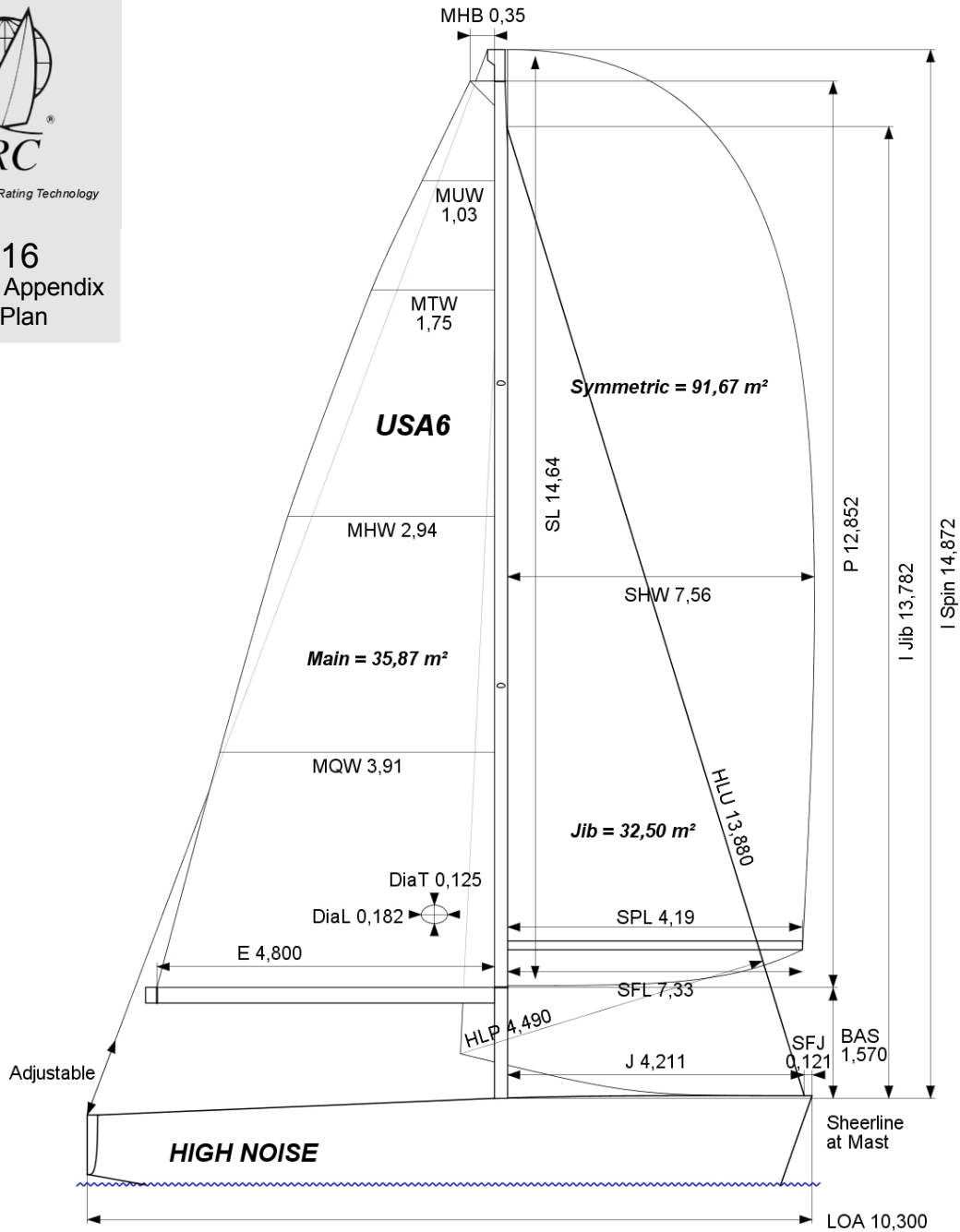
MEASUREMENT INVENTORY				
Measurer Dobbs Davis				
Date 06/01/2017				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Maker</i>	<i>Model</i>	
1	Engine	Volvo	D120 20 hp	
<i>Id</i>	<i>Item</i>	<i>Weight Description</i>		

MEASUREMENT INVENTORY								
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG</i>	<i>Condtn</i>	<i>Description</i>
3	Tank	Waste	PVC	25.0	7.50	0.20	0-0	
2	Tank	Water	PVC	110.0	4.00	0.00	0-0	
1	Tank	Diesel	PVC	60.0	7.58	0.00	28-0	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>				
1	Battery	40.0	4.20	0.00 Mastervolt AGM 70 Ah - engine				
2	Battery	40.0	4.40	0.00 Mastervolt AGM 70 Ah - house				



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
Main	0.350	1.03	1.75	2.94	3.91	35.87	Davis	07/01/2017	North	Technora	North Sails 3DL

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
Lt-Med	0.08	0.73	1.32	2.40	3.39	4.49	13.88	107%	32.51	Y	N	Davis	07/01/2017	North	Technor	North 3DL

SYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
S2	14.64	14.64	14.64	7.56	7.33	91.67	Davis	07/01/2017	North	Nylon	

ASYMMETRIC SPINNAKERS (0)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
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