

BOAT Name Generali - Assilina III Sail Nr SLO 878	GPH 455.1	HULL Length Overall 15.840m Maximum Beam 4.224m Displacement 7,458kg Draft 3.191m Plan Review IMS Reg. Division Performance Dynamic Allowance 0.000% Hull Construction Carbon Carbon Rudder Yes Crew Arm Extension
GENERAL Class TP52 - ONE OFF Designer Bruce Farr Builder Southern Marine Series 05/2003 Age 05/2003 Age Allowance 0.487% Offset File 6214off.OFF - 01/07/2011 10:42:32 Measurement by - 28/06/2011		IMSL 15.291m VCGD -0.860m Sink 32.47kg/mm RL 14.404m VCGM -0.835m WS 41.22m² LSM0 14.961m Displacement/Length ratio 2.2271



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SCORING OPTIONS						
Time on Distance	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	444.4			504.3		
Time on Time	1.3502			1.3386		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	517.1	406.3	351.3	673.9	511.4	434.8
Time on Time	1.3053	1.6613	1.9215	1.0016	1.3198	1.5523

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	753.5	621.3	576.8	556.4	539.3	528.2	523.6
52°	485.4	413.2	395.0	386.2	379.9	370.8	364.3
60°	452.6	396.1	380.1	370.2	363.3	352.8	342.4
75°	429.4	382.5	357.4	343.1	333.8	327.6	310.0
90°	432.8	383.8	349.8	325.0	311.4	302.0	289.4
110°	461.9	388.8	359.1	335.0	312.1	285.1	253.4
120°	478.0	393.3	352.4	327.7	307.6	284.2	251.1
135°	535.0	420.3	374.7	334.3	297.6	270.9	236.5
150°	643.9	500.1	424.2	377.9	347.4	309.7	244.9
Run VMG	743.5	577.5	489.8	440.7	401.2	357.6	282.8

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Issued On **28/05/2020**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default **1,223kg**
Maximum **1,290kg**
Minimum* **968kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	489.1	1.2267
Non Spin OSN	480.6	1.2485

Selected Courses							
Windward / Leeward	748.5	599.4	533.3	498.5	470.2	442.9	403.2
Circular Random	625.3	506.1	442.3	404.1	378.4	359.1	330.2
Coastal / Long Distance	748.0	563.2	478.5	426.9	393.4	360.6	311.4
Non Spinnaker	682.4	548.0	474.6	430.1	400.6	379.3	349.4

Sails Limitations

Headsails	Spinnakers
7	5

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	44.3°	42.0°	40.1°	39.0°	38.6°	38.3°	38.4°
Beat VMG	4.78	5.79	6.24	6.47	6.68	6.82	6.88
52°	7.42	8.71	9.11	9.32	9.48	9.71	9.88
60°	7.95	9.09	9.47	9.72	9.91	10.20	10.51
75°	8.38	9.41	10.07	10.49	10.78	10.99	11.61
90°	8.32	9.38	10.29	11.08	11.56	11.92	12.44
110°	7.79	9.26	10.02	10.75	11.53	12.63	14.20
120°	7.53	9.15	10.21	10.98	11.71	12.67	14.34
135°	6.73	8.57	9.61	10.77	12.10	13.29	15.22
150°	5.59	7.20	8.49	9.53	10.36	11.62	14.70
Run VMG	4.84	6.23	7.35	8.17	8.97	10.07	12.73
Gybe Angles	141.0°	141.0°	147.0°	152.0°	149.0°	144.0°	144.4°

Class Division Length

CDL = **14.844**

Storm Sails Areas

Heavy Weather Jib **53.36**
Storm Jib (JL=12.93) **19.77**
Storm Trysail **25.09**

Owner

BOAT	
Name Generali - Assilina	Sail Nr SLO 878
File SLO878	Data in meters/kilograms

RIG	
Forestay Tension Aft & Forward	Spreaders 2
Inner Stay None Fitted	Runners/Checkstays 0
Carbon Mast Yes	Jib Furler No
Fiber Rigging No	Main Furler No
Non-Circular Rigging No	
Articulated Bowsprit No	
P 20.390	E 7.030 MDT1 0.151 MW 0.325
IG 19.880	J 6.175 MDL1 0.325 GO 0.325
ISP 22.395	SFJ 0.390 MDT2 0.136 BD 0.352
BAS 2.131	SPL 0.245 MDL2 0.245 MWT 320.00
FSD 0.037	TPS 8.410 TL 2.950 MCG 7.810

INCLINING TEST AND FREEBOARDS		
Inclining Test Boom Inclining	LCFD	
Flotation date 25/04/2019	SG 1.0230	
FFM 1.478	FF 1.477	SFFP 0.457
FAM 1.165	FA 1.171	SAFP 14.261
W1 153.8	PD1 222.1	WD 7.000
W2 153.8	PD2 224.5	GSA 1.0
W3 153.8	PD3 225.5	RSA 1.0
W4 153.8	PD4 226.0	PLM 9000.0
LCF from stem on CL / on sheer	8.663 / 8.897	
Maximum beam station from stem	10.100	
RM Measured	377.6kg·m	
RM Default	357.3kg·m	
Limit of positive stability / Stab.Index	139.2° / 139.5	
Freeboard at mast at 6.565	1.292	



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MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0.420	
Type Folding 2 blades	PBW 0.112	
Twin Screw No	PIPA 0.0038	
ST1 0.043	ST3 0.180	ST5 0.290
ST2 0.180	ST4 0.112	EDL 1.730

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COMMENTS	
Forward freeboards to be measured at the centre of bowsprit bolts and then corrected for: Port: add 37 mm, Stbd: add 53 mm	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	



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SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	1.96	2.66	3.53	4.92	6.09	96.91	99.59	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric on centerline	SLU	SLE	SL	SHW	SFL			AS · (SFL + 4·SHW) / 6	
	24.62	21.57	23.09	13.22	13.30	254.74			

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	Flying	Meas.Date	Material	Comment
0.10	1.14	1.85	3.26	4.71	6.19	19.47	63.19	Y	No	30/03/2019	Unknow	
0.13	0.96	1.68	3.08	4.55	6.05	19.66	60.93	Y	No	30/03/2019	Unknow	
0.20	0.92	1.65	3.04	4.52	6.10	19.68	60.73	Y	No	30/03/2019	Unknow	
0.10	0.97	1.80	3.25	4.35	5.24	18.70	55.73		Inner	30/03/2019	Unknow	
0.08	0.67	1.31	2.62	4.00	5.53	16.64	44.75	Y	No	30/03/2019	Unknow	
0.08	0.67	1.28	2.54	3.88	5.33	15.01	39.13	Y	No	30/03/2019	Unknow	

MEASUREMENT INVENTORY				
Measurer CRO03, SLO03				
Date 25/04/2019				
Comment Portorož				
Internal Ballast total = 0.0				
Id	Item	Weight	Distance	VCG Description
Id	Item	Maker	Model	
E1	Engine	YANMAR	4GJH3E	
Id	Item	Weight Description		

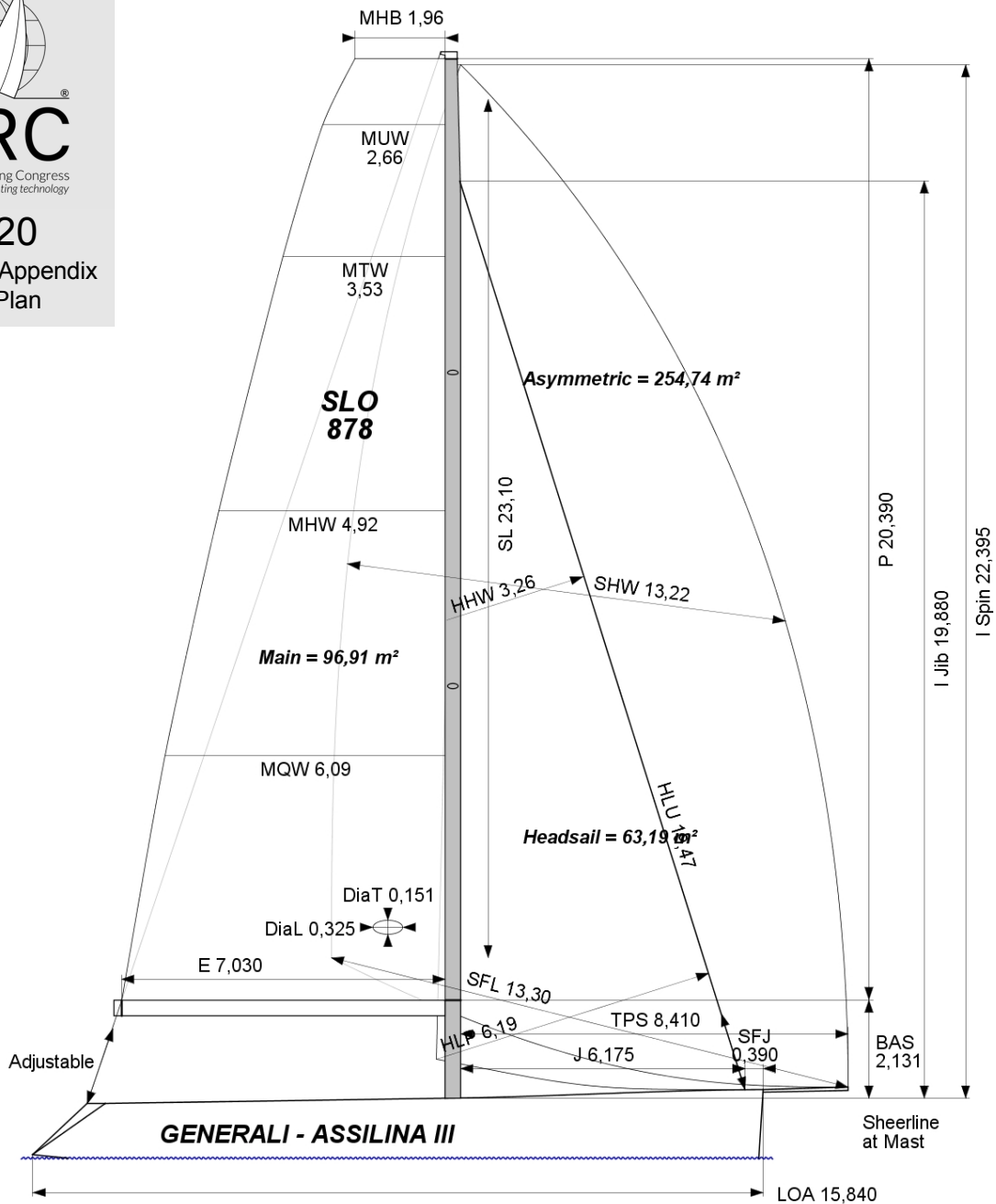
MEASUREMENT INVENTORY							
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condtn Description
F1	Tank	FUEL	ALU	100.0	11.30		80-0
W1	Tank	WATER	CARBON	70.0	7.30		0-0
Id	Item	Weight	Distance	VCG Description			
N1	Ballast			NONE			
B1	Battery		9.30	1 X 75 Ah			
B2	Battery		9.30	2 X 120 Ah			



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Sail Plan



SAILS INVENTORY

MAINSAIL (2)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
M2	1.96	2.66	3.53	4.92	6.09	96.82		30/03/2019	North Sails	Unknown						
M	1.45	2.22	3.22	4.74	6.01	92.54		30/03/2019	North Sails	Unknown						
HEADSAILS (6)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
J15G	0.10	1.14	1.85	3.26	4.71	6.19	19.47	100%	63.19	Y	No		30/03/2019	North Sails	Unknow	
J1F	0.13	0.96	1.68	3.08	4.55	6.05	19.66	98%	60.93	Y	No		30/03/2019	North Sails	Unknow	
J2-2	0.20	0.92	1.65	3.04	4.52	6.10	19.68	99%	60.73	Y	No		30/03/2019	North Sails	Unknow	
Stay	0.10	0.97	1.80	3.25	4.35	5.24	18.70	85%	55.73		Inner		30/03/2019	North Sails	Unknow	
J4	0.08	0.67	1.31	2.62	4.00	5.53	16.64	90%	44.75	Y	No		30/03/2019	Doyle	Unknow	
J5	0.08	0.67	1.28	2.54	3.88	5.33	15.01	86%	39.13	Y	No		30/03/2019	North Sails	Unknow	
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (3)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
a2	24.62	21.57	23.10	13.22	13.30	254.74	asym				Nylon					
a4	24.32	21.40	22.86	13.42	13.10	254.44	asym				Nylon					
a1	24.75	20.42	22.59	12.33	12.98	234.51	asym				Nylon					