



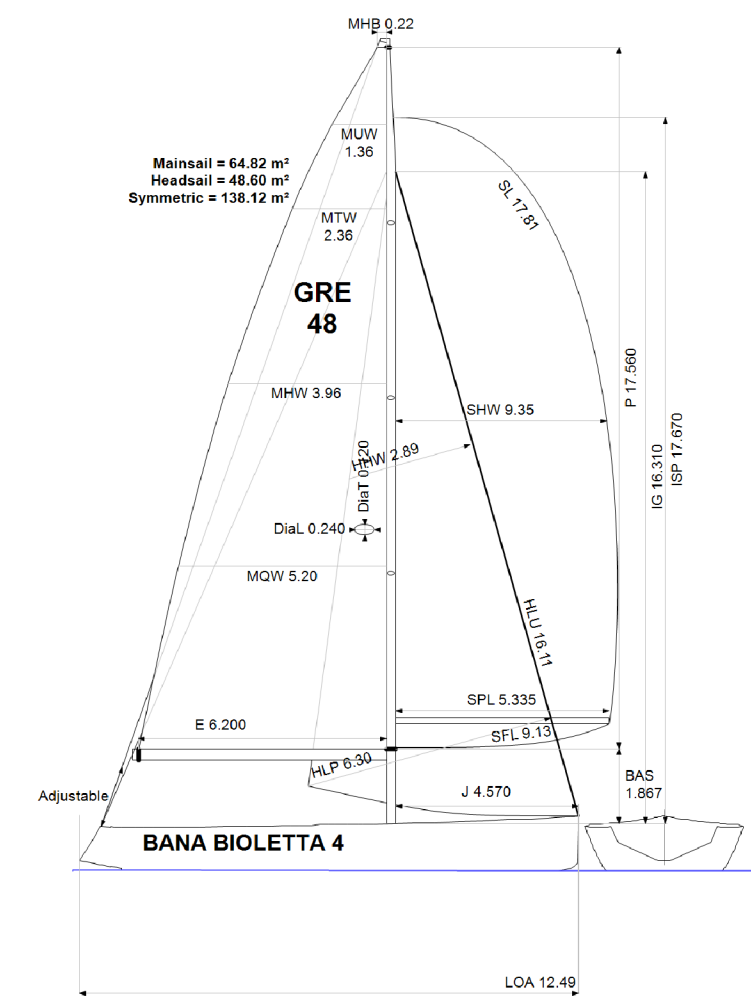
International Certificate  
2025

BANA BIOLETTA 4  
GRE-48

Hellenic Sailing Federation  
Offshore Committee  
Επιτροπή Ανοικτής Θαλάσσης  
Ελληνικής Ισομετρικής  
Ομοσπονδίας



APH ToD: **483.1** CDL: **11.210**  
APH ToT: **1.2420** CertNo: **01003**



BOAT	
Class	ILC 40
Designer	B. FARR
Builder	COOKSON
Age date	05/1995
Series date	05/1995
Offset file	ATALNT92.OFF
Data file	GR48
HULL	
Length Overall	12.490 m
Maximum Beam	3.964 m
Draft	2.576 m
Displacement	5,846 kg
DLR	4.8017
IMS Division	Performance
Dynamic Allowance	0.000%
Age Allowance	0.487%
PROPELLER	
Installation	Strut
Type	Folding 2 blades
Diameter	0.410m
CREW	
Maximum weight	780 kg (declared)
Minimum weight	650 kg * when applied
Non Manual Power	No
Crew Arm Extension	
SAIL AREAS (m²)	
Mainsail	Measured 64.82 Rated 66.17
Headsail Luffed	48.60 48.60
Headsail Flying	
Symmetric	138.12 138.12
Asymmetric	
STORM SAIL AREAS (m²)	
Trysail	19.06
Storm Jib	13.36
Heavy Weather Jib	36.07
SAIL LIMITS	
Headsails	6
Spinnakers	5
STABILITY	
Righting Moment	188.4 kg·m
Stability Index	127.1

Wind Velocity	Rated boat velocities in knots										
	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt		
Beat Angles	41.9°	41.9°	39.0°	37.3°	37.0°	36.6°	36.3°	36.2°	37.5°		
Beat VMG	3.30	4.44	5.21	5.55	5.73	5.85	5.93	6.02	5.92		
52°	5.12	6.64	7.49	7.81	7.98	8.08	8.17	8.29	8.30		
60°	5.43	6.94	7.71	8.03	8.21	8.33	8.44	8.58	8.64		
75°	5.63	7.13	7.86	8.26	8.53	8.71	8.87	9.11	9.25		
90°	5.47	7.00	7.81	8.28	8.69	9.02	9.28	9.69	10.02		
110°	4.97	6.64	7.76	8.35	8.77	9.09	9.39	10.20	11.02		
120°	4.75	6.45	7.65	8.30	8.87	9.41	9.84	10.66	11.48		
135°	4.11	5.76	7.08	7.91	8.51	9.15	9.88	11.70	13.36		
150°	3.40	4.82	6.07	7.15	7.91	8.48	9.09	10.65	13.07		
Run VMG	2.94	4.17	5.26	6.20	6.98	7.60	8.13	9.27	11.32		
Gybe Angles	141.3°	141.3°	146.5°	151.6°	157.9°	165.5°	167.3°	158.2°	146.4°		

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Wind Velocity	Time Allowances in secs/NM										
	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt		
Beat VMG	1090.7	810.9	691.5	648.8	628.4	615.7	606.8	598.3	608.5		
52°	702.9	541.8	480.6	460.9	451.4	445.3	440.4	434.1	433.7		
60°	683.4	518.8	467.0	448.2	438.7	432.2	426.7	419.3	416.7		
75°	639.9	505.1	458.2	435.9	421.9	413.2	405.9	395.2	389.3		
90°	657.6	514.3	461.2	434.6	414.3	399.1	388.0	371.6	359.5		
110°	724.3	542.0	464.2	431.3	410.5	396.3	383.4	353.0	326.6		
120°	758.3	558.5	470.8	433.9	405.9	382.7	365.9	337.6	313.7		
135°	876.5	625.2	508.4	455.3	423.1	393.5	364.4	307.6	269.5		
150°	1059.0	746.8	593.0	503.2	455.2	424.4	396.2	338.2	275.4		
Run VMG	1224.0	862.3	684.8	580.3	515.9	473.5	442.7	388.3	318.0		
Selected Courses											
Windward / Leeward	1156.5	836.6	688.1	614.6	572.2	544.6	524.8	493.3	463.3		
All purpose	870.6	645.0	545.2	499.0	471.8	453.0	438.0	411.8	391.1		

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	591.3	1.0148
All purpose	483.1	1.2420

Custom scoring options for Greece

Scoring Option	Time On Distance	Time On Time
Coastal/Long Distance	524.1	1.1447
Triple Number Coastal/Long Distance Low	595.1	1.0083
Triple Number Coastal/Long Distance Medium	482.3	1.2441
Triple Number Coastal/Long Distance High	431.9	1.3892
Triple Number Windward/Leeward Low	762.4	0.7870
Triple Number Windward/Leeward Medium	589.1	1.0185
Triple Number Windward/Leeward High	517.9	1.1585

Performance Curve	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Coastal/Long Distance	1233.6	839.2	650.1	557.8	502.3	469.3	441.8	396.1	374.7

AUS AUT BRA BUL CAN CYP DEN ESP EST FIN FRA GER GRE HUN ISR  
JPN KOR LTU NED NOR POR RSA RUS SLO SUI SWE UKR USA

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HULL AND APPENDAGES (Lightship Trim)		Data in meters/kilograms (Metric)			
Class	ILC 40	LOA	12.490	VCGD	-0.619
Measurement	26/04/2001	Max. Beam	3.964	VCGM	-0.320
HIN		Draft	2.576	RM Rated (kg·m)	188.4
Plan review		Displacement	5,846	Limit of positive stability(°)	129.5
Hull construction	Light	Wetted area	29.35	Stability Index	127.1
Carbon rudder	Yes	IMS L	11.126	Default crew weight	756
Light stanchions	No	LSMD	10.677	Declared crew weight	780
Trim tab	No	Acc. length	12.490		
		Sink (kg/mm)	21.70		

PROPELLER	
Propeller Type	Folding 2 blades
Installation	Strut
Twin screw	No
Hydro generator	No
	PRD 0.410 EDL 0.680 ST3 0.181
	PSW 0.110 ST1 0.042 ST4 0.114
	PIPA 0.0035 ST2 0.181 ST5 0.270
RIG	
Forestay tension	Att
Inner stay	None Fitted
Mast material	Aluminum
Single headsail furler	No
Mainsail furler	No
Articulated bowsprit	No
Non-circular rigging	No
Fiber rigging	No
Adjustable mast foot	No
Running backstays	2
Checkstays	0
Spreaders	3
Rotating mast	No

FLOTATION AND STABILITY											
Calculation method	Poles inclining	SFFP	0.038	SAFP	11.941	W1	113.8	PD1	580.5	WD	12.180
Flotation Date	16/03/2014	FFM	1.368	FAM	1.092	W2	113.8	PD2	581.7	PLM	9000.00
Measurer	GRE-21	FF	1.367	FA	1.091	W3	113.8	PD3	581.7	GSA	1.0
		LCFcl	6.807	LCFsh	7.075	W4	113.8	PD4	581.4	RSA	1.0
		SG	1.0280	HBI	1.178					RM	187.8

INVENTORY						
BALLAST						
Id	Kind	Description	Weight	LCG	VCG	TCG
1	Fixed	Lead pigs 5 x 25-28 kg approx. each (P)	132	6.80		
2	Fixed	Lead pigs 5 x 25-28 kg approx. each (S)	132	6.80		
3	Fixed	Lead pigs 2 x 30 kg + 1 x 10 kg (P)	70	6.30		
4	Fixed	Lead pigs 2 x 30 kg + 1 x 10 kg (S)	70	6.30		
			Fixed Ballast Total	404		
TANKS						
Id	Description	Sp.Wght	Capacity	Condition	LCG	VCG
1	FUEL INOX (C)	Fuel	70	0	8.50	
2	WATER Soft PVC bag (P)	Water	100	0	5.90	
3	WATER Soft PCV bag (S)	Water	100	0	5.90	
			Total deductible	0		
OTHER ITEMS						
Id	Kind	Description	Weight	LCG	VCG	
1	Battery	2 x 110 Ah (C)	7.10			
2	Battery	1 x 80 Ah (C)	6.90			
1	Engine	YANMAR GM30 (27 BHP)				
			Total deductible			

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MAINSAIL													
Id	MHB	MUW	MTW	MHW	MQW	Area	Meas.Date	Comment					
#11	0.22	1.36	2.36	3.96	5.20	64.82	21/03/2015	#11					
HEADSAIL													
Id	HBB	HUW	HTW	HHW	HQW	HLP	HLU	Btn	Flying	FT	Area	Meas.Date	Comment
0	0.10	0.70	1.39	2.89	4.55	6.30	16.11	No	No		48.60	17/03/2022	RESHAPED
#51	0.08	0.72	1.43	2.96	4.57	6.23	15.97	No	No		48.44	27/07/2020	#51
J1	0.06	0.70	1.26	2.39	3.48	4.45	16.20	Yes	No		37.89	09/07/2019	J1
SYMMETRIC SPINNAKER													
Id	SLU	SLE	SL	SHW	SFL	Area	Meas.Date	Comment					
DB	17.81	17.81	17.81	9.35	9.13	138.12	27/07/2020	DARK BLUE					
0	17.30	17.50	17.50	9.50	9.26	137.84	06/08/2021						
RE	17.34	17.34	17.34	9.59	9.16	137.33	27/07/2020	WHITE 0.5					
#72	17.20	17.20	17.20	9.30	9.18	132.96	27/07/2020	VIOLET 0.85					
#75	16.10	16.10	16.10	8.46	8.32	113.13	02/07/2013	REACHER					

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