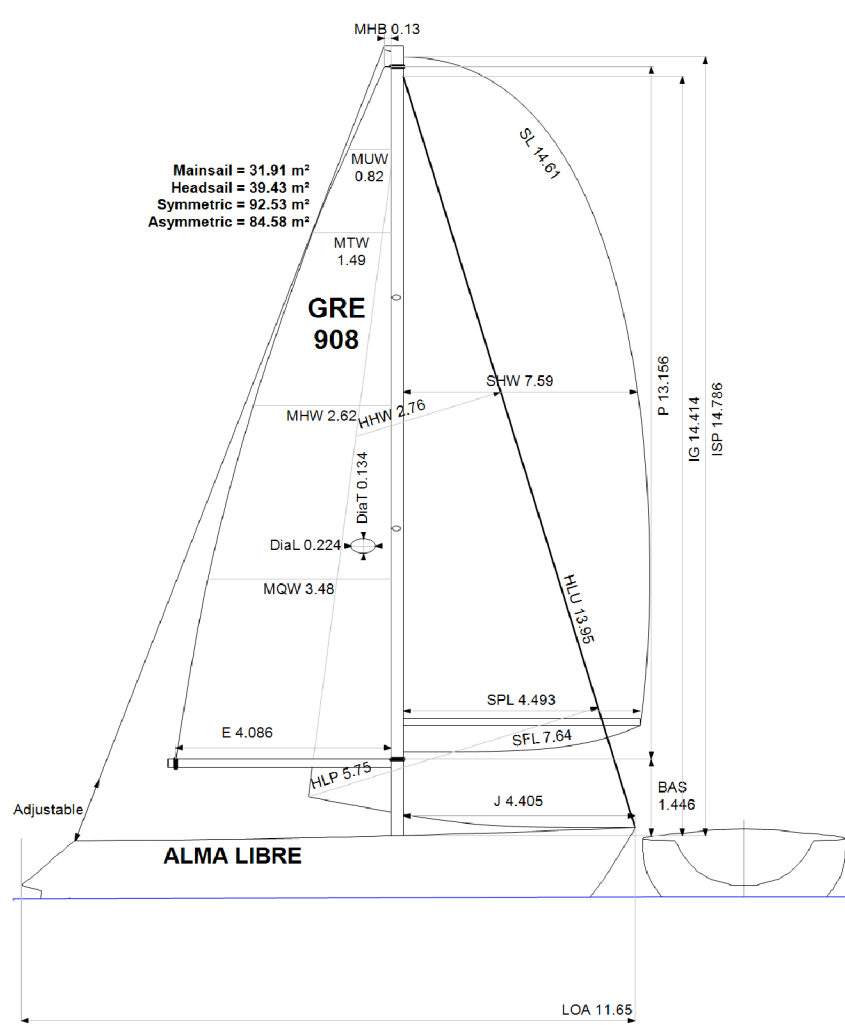




Club Certificate
2025

ALMA LIBRE
GRE-908

Hellenic Sailing Federation
Offshore Committee
Επιτροπή Ανοικτής Θαλάσσης
Ελληνικής Ισοπολικής
Ομοσπονδίας



APH ToD: **565.2** CDL: **9.212**
APH ToT: **1.0616** CertNo: 00831

BOAT

Class	DUF0UR 38 classic
Designer	Chabaud/Poncin
Builder	DUF0UR SA
Age date	05/1999
Series date	02/1997
Offset file	DUF_38C.BOF
Data file	GR908

HULL

Length Overall	11.650 m
Maximum Beam	3.852 m
Draft	1.878 m
Displacement	6.515 kg
DLR	6.8709
IMS Division	Cruiser/Racer
Dynamic Allowance	0.300%
Age Allowance	0.487%

PROPELLER

Installation	Strut
Type	Folding 2 blades
Diameter	0.430m

CREW

Maximum weight	820 kg (declared)
Minimum weight	690 kg * when applied
Non Manual Power	No
Crew Arm Extension	

SAIL AREAS (m²)

	Measured	Rated
Mainsail	31.91	32.40
Headsail Luffed	39.43	39.43
Headsail Flying		
Symmetric	92.53	92.53
Asymmetric	84.58	84.58

(All asymmetric spinnakers with SHWS/SL > 85%)

STORM SAIL AREAS (m²)

Trysail	9.41
Storm Jib	10.58
Heavy Weather Jib	28.57

SAIL LIMITS

Headsails	5 * Woven polyester sails
Spinnakers	4 * Asymmetric may be luffed on the pole

STABILITY

Righting Moment	N/A
Stability Index	N/A

The owner and any other person in charge is responsible that boat is complying with her certificate in accordance with RRS 78.1 and ORC Rule 304.

Rated boat velocities in knots

Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	44.5°	44.5°	42.6°	41.3°	39.6°	38.6°	38.2°	39.0°	40.1°
Beat VMG	2.38	3.29	4.00	4.54	4.93	5.15	5.24	5.28	5.20
52°	3.75	5.08	6.04	6.67	7.04	7.26	7.38	7.46	7.45
60°	4.01	5.38	6.33	6.89	7.22	7.43	7.57	7.68	7.71
75°	4.18	5.57	6.51	7.05	7.38	7.61	7.80	8.06	8.16
90°	4.00	5.46	6.55	7.21	7.59	7.85	8.02	8.28	8.55
110°	4.00	5.52	6.66	7.32	7.72	8.06	8.38	8.93	9.31
120°	3.89	5.36	6.49	7.20	7.63	7.99	8.34	9.04	9.82
135°	3.42	4.80	5.95	6.80	7.35	7.73	8.08	8.82	9.74
150°	2.81	4.06	5.20	6.15	6.89	7.38	7.74	8.40	9.16
Run VMG	2.43	3.52	4.50	5.34	6.07	6.67	7.14	7.82	8.43
Gybe Angles	146.0°	146.0°	150.1°	153.0°	157.9°	164.6°	170.5°	177.7°	177.2°

ORC Ref 03420003VK6 Issued on 11/07/2025 Valid until 31/12/2025

VPP ver: 2025 1.01 | © ORC | www.orc.org



Club Certificate
2025

ALMA LIBRE
GRE-908

Hellenic Sailing Federation
Offshore Committee
Επιτροπή Ανοικτής Θαλάσσης
Ελληνικής Ισοπολικής
Ομοσπονδίας



Time Allowances in secs/NM

Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1512.1	1095.4	899.6	793.3	730.7	699.5	687.2	681.8	692.6
52°	960.0	708.9	595.5	539.4	511.1	495.7	487.6	482.6	483.0
60°	898.0	669.2	568.8	522.2	498.5	484.3	475.3	468.5	466.9
75°	862.2	646.3	553.1	510.3	487.8	472.8	461.3	446.8	441.1
90°	900.3	659.2	549.9	499.3	474.4	458.6	448.7	434.9	420.9
110°	899.0	652.5	540.5	491.9	466.3	446.5	429.6	403.1	386.8
120°	926.1	671.9	554.9	500.1	471.9	450.6	431.8	398.3	366.6
135°	1053.5	749.8	604.8	529.4	490.1	465.7	445.3	408.2	369.7
150°	1282.0	886.3	692.7	585.7	522.5	487.9	465.3	428.4	392.9
Run VMG	1480.0	1023.4	799.7	674.1	593.5	540.0	504.5	460.2	426.9

Single Number Scoring Options

Course	Time On Distance	Time On Time
Windward / Leeward	695.4	0.8628
All purpose	565.2	1.0616

Custom scoring options for Greece

Scoring Option	Time On Distance	Time On Time
Coastal/Long Distance	615.9	0.9742
Triple Number Coastal/Long Distance Low	739.2	0.8117
Triple Number Coastal/Long Distance Medium	561.6	1.0684
Triple Number Coastal/Long Distance High	497.3	1.2066
Triple Number Windward/Leeward Low	954.5	0.6286
Triple Number Windward/Leeward Medium	691.0	0.8683
Triple Number Windward/Leeward High	592.5	1.0126

Performance Curve	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Coastal/Long Distance	1584.8	1055.8	798.0	661.3	579.6	536.5	506.4	460.7	443.8

- 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

ORC Ref 03420003VK6 Issued on 11/07/2025 Valid until 31/12/2025

VPP ver: 2025 1.01 | © ORC | www.orc.org



Club Certificate
2025

ALMA LIBRE
GRE-908

Hellenic Sailing Federation
Offshore Committee
Επιτροπή Ανοικτής Θαλάσσης
Ελληνικής Ισοπολικής
Ομοσπονδίας



HULL AND APPENDAGES (Lightship Trim)

Data in meters/kilograms (Metric)			
Class	DUF0UR 38 classic	LOA	11.650
Measurement	17/05/2002	Max. Beam	3.852
HIN		Draft	1.878
Plan review		Displacement	6.515
Hull construction	Solid	Wetted area	26.82
Carbon rudder	No	IMS L	10.071
Light stanchions	No	LSMO	9.824
Trim tab	No	Acc. length	11.650
		Sink (kg/mm)	21.09
		VCGD	0.121
		VCGM	0.146
		RM Rated (kg-m)	150.1
		Limit of positive stability(*)	N/A
		Stability Index	N/A
		Default crew weight	671
		Declared crew weight	820

PROPELLER

Propeller Type	Folding 2 blades
Installation	Strut
Twin screw	No
Hydro generator	No
PRD	0.430
EDL	2.500
ST3	0.170
PSW	0.111
ST1	0.044
ST4	0.044
PIPA	0.0012
ST2	0.170
ST5	0.290

RIG

Forestay tension	Att	P	13.156	E	4.086
Inner stay	None Fitted	IG	14.414	J	4.405
Mast material	Aluminum	ISP	14.786	B	1.446
Single headsail furler	No	MDT1	0.134	FSD	0.035
Mainsail furler	No	MDL1	0.224	SFJ	0.000
Articulated bowsprit	No	MDT2	0.134	SPL	4.493
Non-circular rigging	No	MDL2	0.224	WPL	
Fiber rigging	No	TL	0.000	TPS	
Adjustable mast foot	No	MW	0.224	BD	0.150
Running backstays	0	GO	0.264	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	RM estimated
Flotation Date	09/04/2006

INVENTORY

TANKS	Id	Description	Sp.Wght	Capacity	Condition	LCG	VCG
	1	Fuel PVC hard	Fuel	140	0	9.40	
	2	Water PVC hard	Water	150	0	1.80	
	3	Water PVC hard	Water	150	0	9.40	
			Total deductible			0	

OTHER ITEMS	Id	Kind	Description	Weight	LCG	VCG
	1	Miscellaneous	Anchor windlass	18	1.00	
	2	Miscellaneous	Bimini	10	9.00	
	3	Miscellaneous	Water boiler	20	5.90	
	1	Battery	100Ah	26	6.60	
	2	Battery	100Ah	26	6.60	
	3	Battery	75Ah	20	7.60	
	1	Engine	Volvo 40hp	46	0.80	
	1	Anchor	Fortress	46	7.70	
	2	Anchor	Fortress	46	7.70	
	1	Chain	70m x 8mm	96	0.80	
	2	Chain	7m x 8mm + rope 40m	26	7.70	
	1	Tools		46	6.40	
	2	Tools	Tools (2+3kg), Liferaft 55kg	66	10.08	
	1	Deck Gear		6	4.41	
			Total deductible	231	4.82	

ORC Ref 03420003VK6 Issued on 11/07/2025 Valid until 31/12/2025

VPP ver: 2025 1.01 | © ORC | www.orc.org



Club Certificate
2025

ALMA LIBRE
GRE-908

Hellenic Sailing Federation
Offshore Committee
Επιτροπή Ανοικτής Θαλάσσης
Ελληνικής Ισοπολικής
Ομοσπονδίας



MAINSAIL

Id	MHB	MUW	MTW	MHW	MQW	Area	Meas.Date	Comment
1	0.13	0.82	1.49	2.62	3.48	31.91	02/07/2025	
2	0.14	0.85	1.50	2.54	3.36	31.34	06/03/2016	

HEADSAIL

Id	HBB	HUW	HTW	HHW	HQW	HLP	HLU	BIn	Flying FT	Area	Meas.Date	Comment
1b	0.05	0.69	1.35	2.76	4.28	5.75	13.95	No	No	39.43	02/07/2025	

SYMMETRIC SPINNAKER

Id	SLU	SLE	SL	SHW	SFL	Area	Meas.Date	Comment
2	14.61	14.61	14.61	7.59	7.64	92.53	11/07/2014	HEAVY

ASYMMETRIC SPINNAKER

Id	SLU	SLE	SL	SHW	SFL	Ratio	Area	Meas.Date	Comment
1	14.70	13.20	13.95	7.13	7.86	91%	84.58	09/07/2025	

CRUISER/RACER REQUIREMENTS*

Accommodation length	11.7 m	Table area	0.55 m²	Headroom	1.80 m
Minimum number of berths	5	Personal gear stowage	0.20 m³	Fresh water capacity	142 l
Minimum number of seats in cockpit	5	Food stowage	0.30 m³	Fuel capacity	84 l
Cabin sole		Stoves		Sinks	
Galley gear stowage		Toilet		Wash basin	
Navigation area		Hanging locker			

*This list is a summary of the requirements. See IMS Appendix 1 for details.

ORC Ref 03420003VK6 Issued on 11/07/2025 Valid until 31/12/2025

VPP ver: 2025 1.01 | © ORC | www.orc.org