



ORC

Offshore Racing Congress
World leader in rating technology

**2020
ORC Club
Certificate**

Rating Office
Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας



Certificate
Number **00706**
Issued On **03/09/2020**
ORC Ref **03420000PMI**
VPP Ver. **2020 1.02**
Valid until **28/02/2021**

Crew Weight

Default	599kg
Maximum	500kg
Minimum*	375kg

**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD	ToT
Non Spin GPH 782.5	0.7668
Non Spin OSN 754.7	0.7950

Sails Limitations

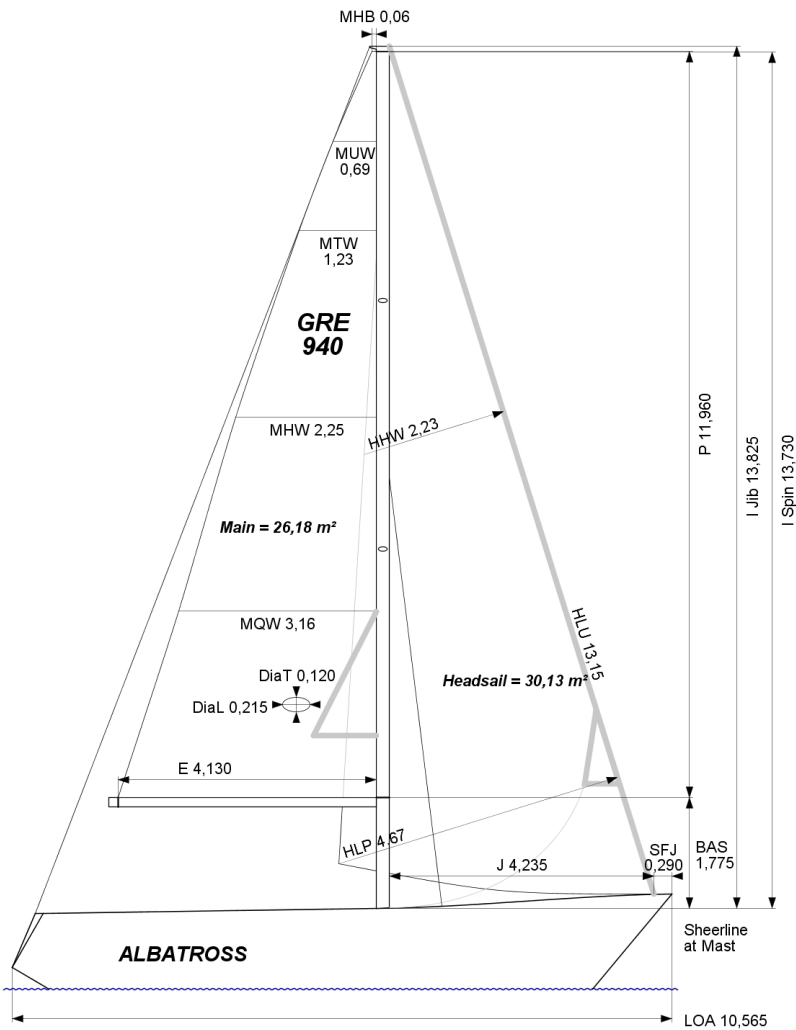
Headsails **1** Spinnakers **0**
Woven Polyester

Spinnaker configuration
Symmetric: **No**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length
CDL = 7.003

Stability (Estimated)
Limit Positive Stab.: **104.0°**
Stability Index: **108.2**

Owner



BOAT Name ALBATROSS Sail Nr GRE-940		GPH 782.5	HULL Data File GR940 LOA 10.565m Offset File GRE940B.OFF MB 3.584m Displacement 7,249kg Draft 1.607m			
CLASS Class STEFINI 36 Designer MAURO STEFINI Builder RPD Series 12/1995 Age Date 12/1995 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.707% Plan Review Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No		IMSL 8.835m VCGD 0.396m Sink 20.66kg/mm RL 5.170m VCGM 0.336m WS 28.24m² LSM0 9.076m Displacement/Length ratio 9.6960		
COMMENTS ex "FIVOS"		Water Ballast 0 Trim Tab No BLR Index 0.0000		CENTERBOARD N/A		
PROPELLER Installation Shaft exposed PRD 0.500 Type Feathering 3 blades PIPA 0.0034						
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	754.7			846.5		
Time on Time	0.7950			0.7974		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	934.9	686.1	583.5	1217.3	861.4	707.7
Time on Time	0.7220	0.9838	1.1568	0.5545	0.7836	0.9538

BOAT	
Name ALBATROSS	Sail Nr GRE-940
File GR940	Data in meters/kilograms

RIG	
Forestay Tension Fixed	Spreaders 2
Inner Stay Fixed	Runners/Checkstays 0
Carbon Mast No	Jib Furler Yes
Fiber Rigging No	Main Furler Yes
Non-Circular Rigging No	
Articulated Bowsprit No	
P 11.960	E 4.130 MDT1 0.120 MW
IG 13.825	J 4.235 MDL1 0.215 GO
ISP 13.730	SFJ 0.290 MDT2 0.120 BD
BAS 1.775	SPL 4.240 MDL2 0.215 MWT
FSD -3.000	TPS TL 0.000 MCG

INCLINING TEST AND FREEBOARDS			
Inclining Test Club Estimated VCG			
Flotation date 12/09/2001		SG	
FFM 1.500	FF 1.506	SFFP 0.690	
FAM 1.206	FA 1.212	SAFP 10.070	
LCF from stem on CL / on sheer		6.015 / 6.247	
Maximum beam station from stem		6.520	
RM Measured		149.5kg-m	
RM Default		146.7kg-m	
Limit of positive stability / Stab.Index		104.0° / 108.2	
Freeboard at mast at 4.525		1.297	



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2020
Measurements
Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation Shaft exposed	PRD 0.500		
Type Feathering 3 blades	PBW		
Twin Screw No	PIPA 0.0034		
PSA	PHL	ST3	ESL
PSD	ST1	ST4	
PHD	ST2	ST5	

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COMMENTS	
ex "FIVOS"	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.06	0.69	1.23	2.25	3.16	26.19		24/08/2020	KAKITSIS	Dacron						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.06	0.55	1.09	2.23	3.47	4.67	13.15	110%	30.13		No		24/08/2020		Dacron	
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

2020

ORC Club Certificate Appendix

BOAT	
Name	ALBATROSS
Sail Nr	GRE-940
Certificate Number	00706
Issued On	03/09/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1386.8	1140.4	1013.2	928.7	864.3	827.4	833.0
52°	874.0	732.4	655.0	599.2	564.4	547.5	544.9
60°	809.1	686.6	613.7	567.1	542.1	528.2	521.9
75°	767.1	653.5	582.4	545.8	525.9	512.2	495.7
90°	773.1	655.8	580.4	541.9	518.9	501.9	475.8
110°	834.4	690.8	603.2	550.3	524.0	506.4	475.9
120°	892.8	727.8	632.1	566.6	532.8	512.8	481.4
135°	1014.3	800.7	686.6	608.0	555.5	527.5	493.7
150°	1161.3	893.6	749.3	658.6	590.8	547.8	506.3
Run VMG	1329.8	1012.3	833.7	722.6	644.9	584.8	523.0
Selected Courses							
Windward / Leeward	1358.3	1076.3	923.4	825.6	754.6	706.1	678.0
Circular Random	1111.9	884.6	757.8	680.5	631.1	599.2	565.7
Coastal / Long Distance	1355.4	1009.2	826.9	710.0	638.3	589.6	532.2
Non Spinnaker	1111.9	884.6	757.8	680.5	631.1	599.2	565.7

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	46.5°	45.0°	44.3°	44.3°	44.8°	44.1°	44.6°
Beat VMG	2.60	3.16	3.55	3.88	4.17	4.35	4.32
52°	4.12	4.92	5.50	6.01	6.38	6.58	6.61
60°	4.45	5.24	5.87	6.35	6.64	6.82	6.90
75°	4.69	5.51	6.18	6.60	6.85	7.03	7.26
90°	4.66	5.49	6.20	6.64	6.94	7.17	7.57
110°	4.31	5.21	5.97	6.54	6.87	7.11	7.56
120°	4.03	4.95	5.69	6.35	6.76	7.02	7.48
135°	3.55	4.50	5.24	5.92	6.48	6.82	7.29
150°	3.10	4.03	4.80	5.47	6.09	6.57	7.11
Run VMG	2.71	3.56	4.32	4.98	5.58	6.16	6.88
Gybe Angles	160.0°	166.0°	170.0°	176.0°	176.5°	177.0°	179.0°