



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 **00206**
Issued On **29/08/2020**
ORC Ref **03420000P9N**
VPP Ver. **2020 1.02**
Valid until **28/02/2021**

Crew Weight

Default 479kg
Maximum **480kg**
Minimum* **360kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	729.6	0.8224
Non Spin OSN	707.3	0.8483

Sails Limitations

Headsails **5** Spinnakers **4**

Spinnaker configuration
Symmetric: **Yes** **62.38**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

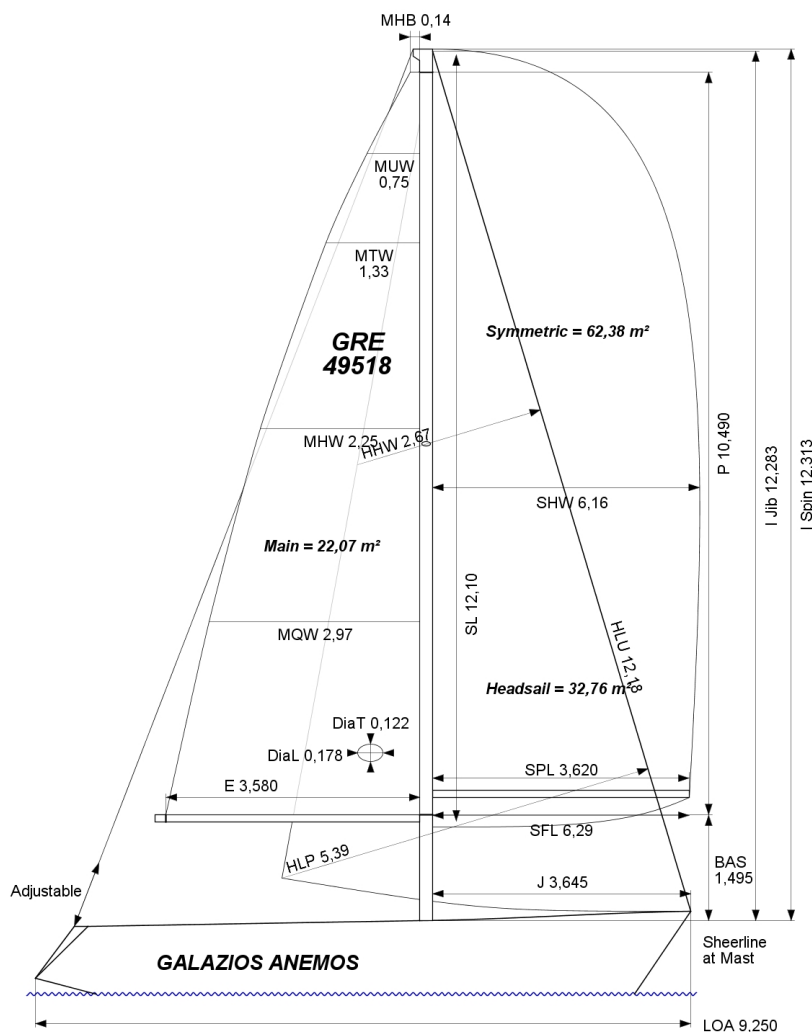
Class Division Length

CDL = 7.255

Stability (Measured)

Limit Positive Stab.: **112.9°**
Stability Index: **111.3**

Owner



BOAT		GPH	HULL			
Name GALAZIOS ANEMOS Sail Nr GRE-49518		702.4	Data File GR49518	LOA 9.250m		
			Offset File F084.BOF	MB 3.222m		
			Displacement 3,941kg	Draft 1.695m		
CLASS			IMS Division Cruiser/Racer	Dynamic All. 0.329%		
Class FEELING 920			Plan Review	Construction Solid		
Designer PH. HARLE			Fiber Rigging No	Aramid Core No		
Builder KIRIE			Crew Arm Ex	Carbon Rudder No		
Series 03/1983				Light Stanchions No		
Age Date 01/1985			IMSL 7.793m	VCGD 0.145m	Sink 13.85kg/mm	
Age Allowance 0.487%			RL 6.722m	VCGM 0.098m	WS 19.44m²	
COMMENTS			LSM0 7.756m	Displacement/Length ratio 8.4468		
ex "DAFNE"			Water Ballast 0	Trim Tab No		
			BLR Index 0.0000			
PROPELLER			CENTERBOARD			
Installation Shaft exposed	PRD 0.405	N/A				
Type Folding 2 blades	PBW 0.115					
	PIPA 0.0053					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	682.5			759.8		
Time on Time	0.8791			0.8884		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	804.0	622.2	558.9	1034.2	763.6	667.4
Time on Time	0.8396	1.0849	1.2077	0.6527	0.8840	1.0114

BOAT	
Name GALAZIOS ANEMOS	Sail Nr GRE-49518
File GR49518	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 22/04/2005		SG	
FFM 1.156	FF 1.149	SFFP 0.833	
FAM 0.944	FA 0.961	SAFP 8.510	
W1 48.0	PD1 231.0	WD 9.910	
W2 48.0	PD2 231.0	GSA 28.3	
W3 48.0	PD3 231.0	RSA 5634.0	
W4 48.0	PD4 231.0	PLM 2060.0	
LCF from stem on CL / on sheer		5.097 / 5.330	
Maximum beam station from stem		5.481	
RM Measured		73.9kg-m	
RM Default		75.8kg-m	
Limit of positive stability / Stab.Index		112.9° / 111.3	
Freeboard at mast at 3.645		1.036	



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2020
Measurements
Datasheet


RIG																							
Forestay Tension Aft	Runners/Checkstays 0		Spreaders 1																				
Inner Stay None Fitted	Jib Furler No		Main Furler No																				
Carbon Mast No	Fiber Rigging No		Articulated Bowsprit No																				
<table border="0"> <tr> <td>P 10.490</td> <td>E 3.580</td> <td>MDT1 0.122</td> <td>MW 0.178</td> </tr> <tr> <td>IG 12.283</td> <td>J 3.645</td> <td>MDL1 0.178</td> <td>GO 0.198</td> </tr> <tr> <td>ISP 12.313</td> <td>SFJ 0.000</td> <td>MDT2 0.122</td> <td>BD 0.100</td> </tr> <tr> <td>BAS 1.495</td> <td>SPL 3.620</td> <td>MDL2 0.178</td> <td>MWT</td> </tr> <tr> <td>FSD 0.036</td> <td>TPS</td> <td>TL 0.000</td> <td>MCG</td> </tr> </table>				P 10.490	E 3.580	MDT1 0.122	MW 0.178	IG 12.283	J 3.645	MDL1 0.178	GO 0.198	ISP 12.313	SFJ 0.000	MDT2 0.122	BD 0.100	BAS 1.495	SPL 3.620	MDL2 0.178	MWT	FSD 0.036	TPS	TL 0.000	MCG
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MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation Shaft exposed	PRD 0.405		
Type Folding 2 blades	PBW 0.115		
Twin Screw No	PIPA 0.0053		
PSA 26.300	PHL 0.114	ST3 0.101	ESL 0.673
PSD 0.025	ST1 0.011	ST4 0.050	
PHD 0.068	ST2 0.101	ST5 0.200	

Certificate

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COMMENTS	
ex "DAFNE"	

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	0.14	0.75	1.33	2.25	2.97	22.08		19/08/2009	KAKITSIS	Dacron						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.05	0.68	1.33	2.67	4.04	5.39	12.18	148%	32.76		No		19/08/2009	KAKITSIS	Polyest	
SYMMETRIC SPINNAKERS (2)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	12.10	12.10	12.10	6.16	6.29	62.38		07/05/2011		Unknown						
1	11.84	11.84	11.84	6.34	6.22	62.32		19/08/2009		Unknown						
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

MEASUREMENT INVENTORY				
Measurer				
Date 22/04/2005				
Comment				
Internal Ballast total = 0.0				
Id	Item	Weight	Distance	VCG Description
4	Anchor	40.0	8.60	Danforth
2	Anchor	7.5	8.60	Bruce
4	Chain	21.0	8.60	15m 8mm
2	Chain	11.5	8.60	8m 8mm
4	Tools	40.0	0.60	
Id	Item	Maker	Model	
1	Engine	VOLVO	PENTA 2002	
Id	Item	Weight	Description	
4	Deck-Gear	40.0	Ropes	

MEASUREMENT INVENTORY									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
1	Tank	Fuel		Inox	35.0	5.80		20.0	
2	Tank	Water		Plastic	220.0	4.10		0.0	
3	Tank	Water		Plastic	100.0	4.10		0.0	
Id	Item	Weight	Distance	VCG	Description				
1	Battery	17.0	7.00	75Ah					
2	Battery	17.0	7.00	75Ah					
1	Misc	32.0	8.60	Liferaft XODIAC 6P					
2	Misc	19.0	0.60	Anchor Windlass					

2020

ORC Club Certificate Appendix

BOAT			
Name	GALAZIOS ANEMOS	Certificate Number	00206
Sail Nr	GRE-49518	Issued On	29/08/2020

TIME ALLOWANCES								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat VMG	1178.6	991.0	875.6	814.5	793.7	786.4	797.4	
52°	770.4	654.0	592.0	566.2	555.7	551.6	551.4	
60°	727.4	621.2	574.3	552.8	541.0	535.9	534.0	
75°	698.0	599.5	561.2	540.7	525.6	514.0	504.2	
90°	705.6	600.1	557.4	533.6	519.7	503.9	480.1	
110°	723.6	598.3	549.2	522.5	499.2	479.9	460.8	
120°	744.5	612.2	555.0	526.4	501.5	478.8	445.0	
135°	815.1	665.8	580.4	543.5	518.2	493.8	451.6	
150°	948.4	755.4	643.0	574.8	542.5	519.0	475.1	
Run VMG	1095.1	871.8	739.8	650.3	586.7	550.6	504.8	
Selected Courses								
Windward / Leeward	1136.9	931.4	807.7	732.4	690.2	668.5	651.1	
Circular Random	964.7	780.2	681.5	624.6	590.4	569.2	545.5	
Coastal / Long Distance	1132.7	874.6	728.9	643.3	600.6	568.7	518.5	
Non Spinnaker	1013.5	814.7	707.1	644.5	606.5	582.8	556.0	

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	42.8°	42.6°	42.0°	40.5°	40.1°	39.9°	41.3°	
Beat VMG	3.05	3.63	4.11	4.42	4.54	4.58	4.51	
52°	4.67	5.50	6.08	6.36	6.48	6.53	6.53	
60°	4.95	5.80	6.27	6.51	6.65	6.72	6.74	
75°	5.16	6.01	6.42	6.66	6.85	7.00	7.14	
90°	5.10	6.00	6.46	6.75	6.93	7.14	7.50	
110°	4.97	6.02	6.55	6.89	7.21	7.50	7.81	
120°	4.84	5.88	6.49	6.84	7.18	7.52	8.09	
135°	4.42	5.41	6.20	6.62	6.95	7.29	7.97	
150°	3.80	4.77	5.60	6.26	6.64	6.94	7.58	
Run VMG	3.29	4.13	4.87	5.54	6.14	6.54	7.13	
Gybe Angles	147.5°	151.0°	153.0°	160.0°	180.0°	180.0°	180.0°	