



World Leader in Rating Technology

2011 ORC Club Certificate

Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας



Certificate

Number **000508**
Issued On **23/5/2011**
ORC Ref **GRE00019099**
VPP Ver. **2011 1.02**
Valid until **1/3/2012**

Crew Weight

Declared **420 kg**
Default* **513 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double Handed	809,9	0,7408
Non Spinnaker	807,2	0,7433
N/S Perf. Line	55,3	0,595

Sails Limitations

Genoas **1** Spinnakers **0**
Jibs **0** Dacron Sails

Spinnaker configuration

Symmetric: **No**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **No**

Stability

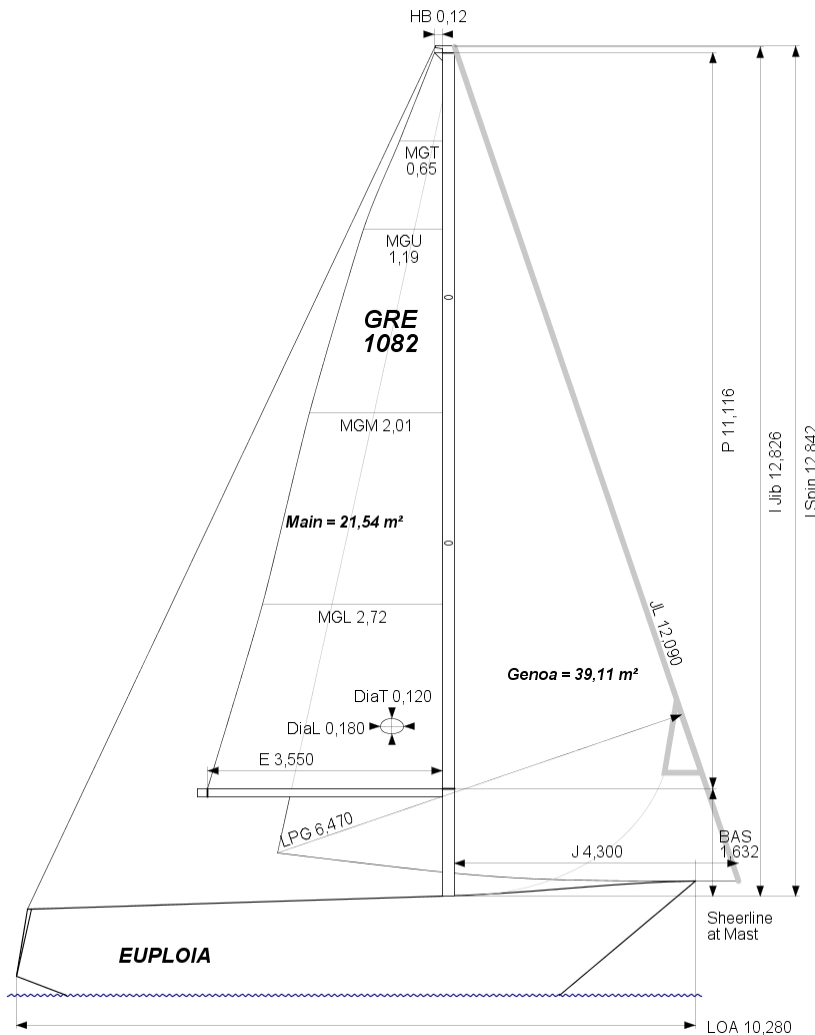
LPS (Estimated): **135,5°**
Stability Index: **137,8**
OSR Category: **0**

Owner

ANTONAKAS GIANNIS
AKROTIRI
81100 MYTILINI, HELLAS
LOIATH

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT		GPH	HULL			
Name EUPLOIA Sail Nr GRE-1082		807,2	Data File GR1082.dxt	LOA 10,280 m		
			Offset File HC_07701.OFF	MB 3,279 m		
			Displacement 5.250 kg	Draft 1,548 m		
CLASS			IMS Division Cruiser/Racer	Dynamic All. 1,407%		
Class CONTEST 33			Fwd Accom. Yes	Construction Solid		
Designer			Fiber Rigging No	Aramid Core No		
Builder CONYPLEX			Crew Arm Ex	Carbon Rudder No		
Series 01/1972			Anchor Wgt	Anchor LCG		
Age Date			IMS L 7,691	Wetted Area 21,30 m²	VCGM -0,035	
Age Allowance 0,975%						
COMMENTS			CENTERBOARD			
WING KEEL STERN EXTENSION ADDED HULL FROM CONTEST 34			N/A			
PROPELLER						
Installation Shaft		PRD 0,480				
Type Solid 3 blades						
SCORING OPTIONS						
	OFFSHORE			INSHORE		
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	807,2			884,4		
Time On Time	0,7433			0,7633		
Performance Line	PLT	PLD		PLT	PLD	
	0,595	55,3		0,569	135,6	
Triple Number	Low	Medium	High	Low	Medium	High
	0,7014	0,9590	1,0955	0,5305	0,7589	0,8942



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ORC Club Certificate Appendix

BOAT	
Name	EUPLOIA
Sail Nr	GRE-1082
Certificate Number	000508
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1463,3	1179,4	1031,3	964,0	930,3	912,1	915,8
52°	912,9	740,6	657,8	623,8	607,2	597,8	592,9
60°	830,5	677,0	619,6	588,9	574,0	566,3	560,4
75°	766,0	638,1	588,9	561,0	542,6	530,3	520,9
90°	774,6	642,5	591,4	561,7	537,2	518,1	501,3
110°	854,0	680,9	609,7	570,3	543,5	521,3	486,7
120°	923,5	731,2	631,4	583,2	552,6	528,6	491,3
135°	1056,0	815,9	679,6	613,2	573,5	546,3	504,6
150°	1212,8	924,6	762,5	658,1	604,0	568,9	521,9
Run VMG	1388,9	1058,3	861,4	735,2	649,8	601,1	543,4

Selected Courses							
Windward / Leeward	1448,2	1135,3	961,7	861,2	800,8	766,0	736,5
Circular Random	1147,2	909,8	780,3	704,6	658,6	630,0	599,2
Ocean for PCS	1225,3	950,8	796,3	701,7	640,2	597,6	540,8
Non Spinnaker	1147,2	909,8	780,3	704,6	658,6	630,0	599,2

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	47,9°	46,5°	46,8°	45,0°	43,9°	43,5°	44,7°
Beat VMG	2,46	3,05	3,49	3,73	3,87	3,95	3,93
52°	3,94	4,86	5,47	5,77	5,93	6,02	6,07
60°	4,33	5,32	5,81	6,11	6,27	6,36	6,42
75°	4,70	5,64	6,11	6,42	6,63	6,79	6,91
90°	4,65	5,60	6,09	6,41	6,70	6,95	7,18
110°	4,22	5,29	5,90	6,31	6,62	6,91	7,40
120°	3,90	4,92	5,70	6,17	6,51	6,81	7,33
135°	3,41	4,41	5,30	5,87	6,28	6,59	7,13
150°	2,97	3,89	4,72	5,47	5,96	6,33	6,90
Run VMG	2,59	3,40	4,18	4,90	5,54	5,99	6,62
Gybe Angles	162,0°	161,2°	170,0°	173,0°	180,0°	180,0°	180,0°