



World Leader in Rating Technology

2011 ORC Club Certificate

Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας



Certificate

Number **000010**
Issued On **8/6/2011**
ORC Ref **GRE00019238**
VPP Ver. **2011 1.02**
Valid until **1/3/2012**

Crew Weight

Declared **340 kg**
Default* **397 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double Handed	785,4	0,7639
Non Spinnaker	821,3	0,7306
N/S Perf. Line	61,4	0,592

Sails Limitations

Genoa **2** Spinnakers **3**
Jibs **2** Dacron Sails

Spinnaker configuration

Symmetric: **Yes** **45,15**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

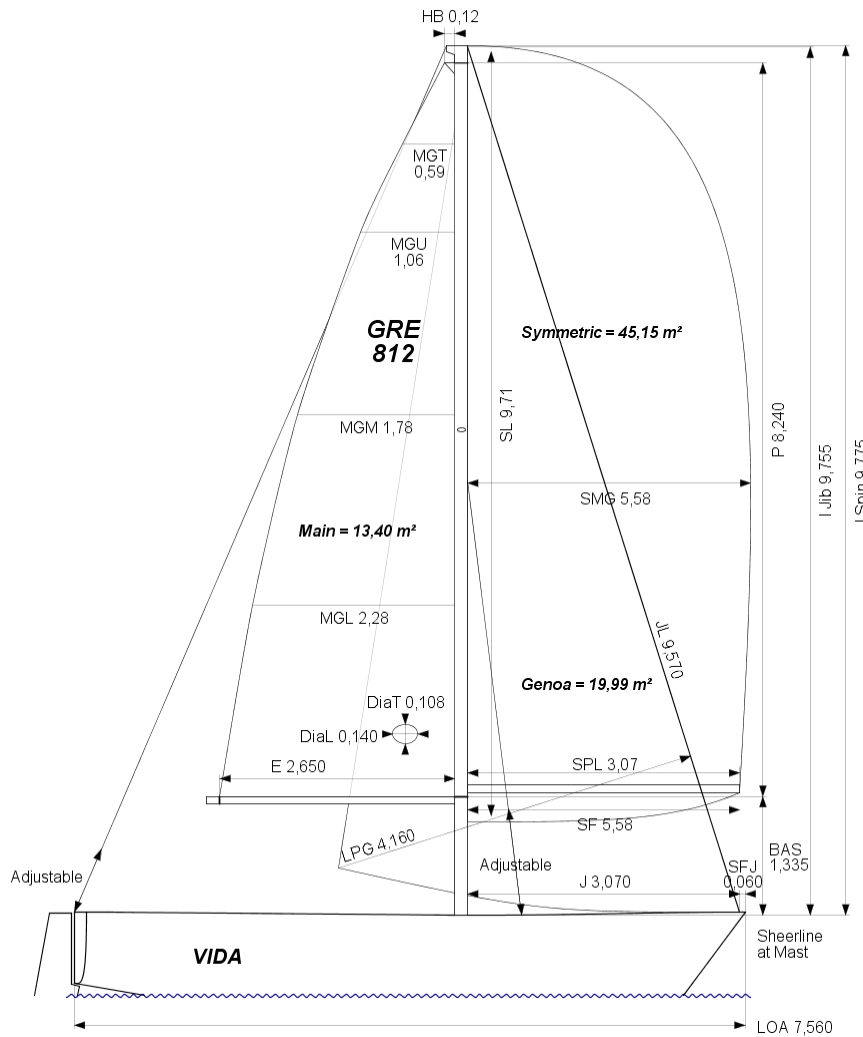
LPS (Estimated): **114,2°**
Stability Index: **109,9**
OSR Category: **N/A**

Owner

STELIOS BRATOS
ALEXANDROU PALLI 20
81100 MYTILINI, HELLAS
LOIATH

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

Signature



BOAT		GPH	HULL	
Name VIDA		784,0	Data File GR812.dxt	LOA 7,560 m
Sail Nr GRE-812			Offset File Jouet760.off	MB 2,720 m
			Displacement 2.200 kg	Draft 1,639 m
CLASS				
Class	JOUET 760	IMS Division	Cruiser/Racer	Dynamic All. 0,717%
Designer	PH.BRIAND	Fwd Accom.	Yes	Construction Solid
Builder	JOUET	Fiber Rigging	No	Aramid Core No
Series	01/1981	Crew Arm Ex		Carbon Rudder No
Age Date	01/1983	Anchor Wgt		Anchor LCG
Age Allowance	0,975%	IMS L	6,460	Wetted Area 13,64 m²
		VCGM 0,060		
COMMENTS				
Builder's declared displacement.				
PROPELLER		CENTERBOARD		
Installation	Shaft	PRD	0,355	
Type	Folding	PBW	0,085	N/A

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	784,0			846,5	
Time On Time	0,7653			0,7974		
Performance Line	PLT	PLD		PLT	PLD	
	0,660	93,7		0,638	172,7	
Triple Number	Low	Medium	High	Low	Medium	High
	0,7392	0,9772	1,1123	0,5679	0,7934	0,9292



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ORC Club Certificate Appendix

BOAT	
Name	VIDA
Certificate Number	000010
Sail Nr	GRE-812
Issued On	8/6/2011

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1402,4	1142,9	995,8	919,3	878,6	854,9	834,2
52°	902,5	739,9	673,6	632,2	607,8	597,0	586,8
60°	842,1	705,1	647,0	612,3	587,7	573,8	563,8
75°	792,4	679,4	627,1	596,0	571,5	551,3	531,7
90°	788,0	664,8	607,4	573,1	557,7	546,9	521,8
110°	778,9	659,6	604,2	568,0	539,1	514,9	490,7
120°	811,4	675,4	614,8	577,7	547,9	522,8	477,3
135°	911,4	727,6	648,3	603,1	570,3	543,1	497,8
150°	1073,5	839,3	707,0	641,2	600,7	569,8	521,3
Run VMG	1239,6	969,1	804,0	710,6	650,5	610,8	555,2

Selected Courses							
Windward / Leeward	1344,4	1070,3	915,1	826,3	774,0	741,0	700,9
Circular Random	1093,2	877,0	759,8	691,0	648,2	619,9	584,1
Ocean for PCS	1164,4	915,1	775,9	691,0	635,6	596,8	542,9
Non Spinnaker	1163,3	925,3	794,8	717,2	668,6	636,6	597,0

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	44,5°	44,0°	41,7°	39,6°	39,3°	38,7°	38,1°
Beat VMG	2,57	3,15	3,62	3,92	4,10	4,21	4,32
52°	3,99	4,87	5,34	5,69	5,92	6,03	6,13
60°	4,28	5,11	5,56	5,88	6,13	6,27	6,39
75°	4,54	5,30	5,74	6,04	6,30	6,53	6,77
90°	4,57	5,42	5,93	6,28	6,45	6,58	6,90
110°	4,62	5,46	5,96	6,34	6,68	6,99	7,34
120°	4,44	5,33	5,86	6,23	6,57	6,89	7,54
135°	3,95	4,95	5,55	5,97	6,31	6,63	7,23
150°	3,35	4,29	5,09	5,61	5,99	6,32	6,91
Run VMG	2,90	3,71	4,48	5,07	5,53	5,89	6,48
Gybe Angles	145,9°	151,3°	158,5°	167,8°	171,3°	174,0°	174,7°