



World Leader in Rating Technology

2011 ORC Club Certificate

Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας



Certificate

Number **000422**
Issued On **9/5/2011**
ORC Ref **GRE00018930**
VPP Ver. **2011 1.02**
Valid until **1/3/2012**

Crew Weight

Declared **450 kg**
Default* **597 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double Handed	725,8	0,8267
Non Spinnaker	753,4	0,7964
N/S Perf. Line	25,4	0,599

Sails Limitations

Genoas **1** Spinnakers **3**
Jibs **0** Dacron Sails

Spinnaker configuration

Symmetric: **Yes** **59,33**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

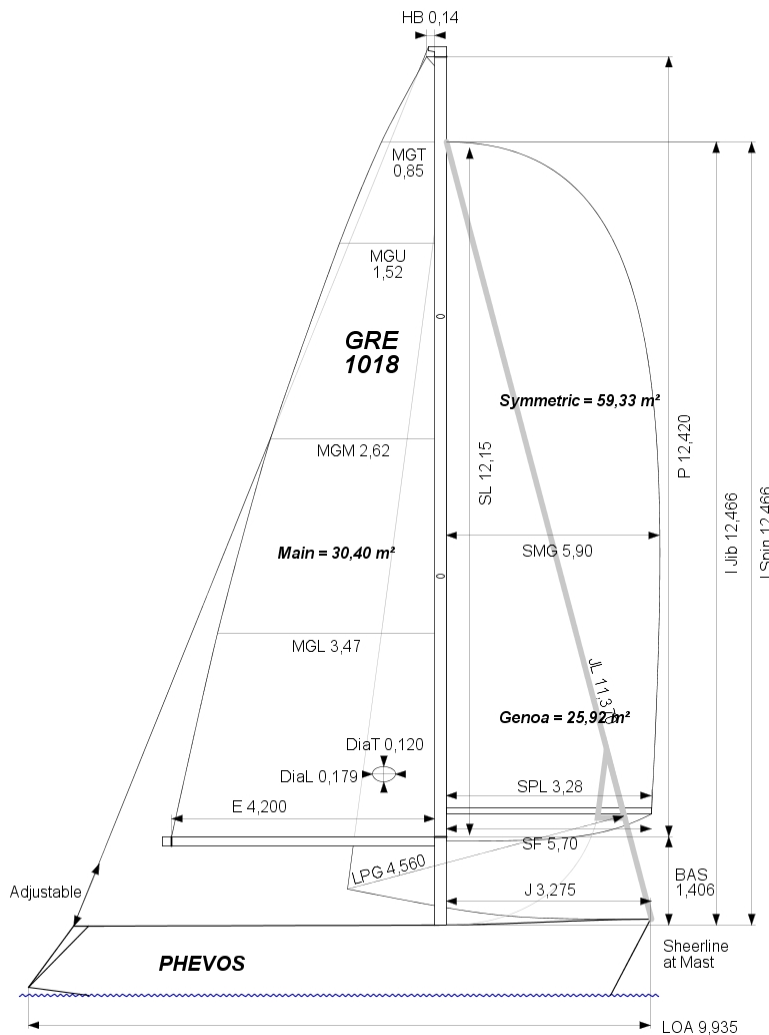
LPS (Estimated): **106,5°**
Stability Index: **103,4**
OSR Category: **N/A**

Owner

KLEONIKI FERVELI
ANO HALIKA
81100 MYTILINI, HELLAS
LOIATH

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

Signature



BOAT	GPH	HULL
Name PHEVOS Sail Nr GRE-1018	723,5	Data File GR1018.dxt LOA 9,935 m Offset File POR009.BOF MB 3,534 m Displacement 4.308 kg Draft 1,340 m
CLASS Class BAVARIA 340 C Designer AMOHNHaupt Builder BAVARIA YACHTS Series 02/1988 Age Date 01/1989 Age Allowance 0,975%		IMS Division Cruiser/Racer Dynamic All. 1,139% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Anchor Wgt Anchor LCG
COMMENTS		IMS L 8,716 Wetted Area 23,06 m² VCGM 0,212
PROPELLER Installation Strut PRD 0,400 Type Solid 2 blades		CENTERBOARD N/A

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	723,5			790,1	
Time On Time	0,8293			0,8544		
Performance Line	PLT	PLD		PLT	PLD	
	0,651	46,6		0,611	116,2	
Triple Number	Low	Medium	High	Low	Medium	High
	0,7772	1,0721	1,2355	0,5849	0,8497	1,0096



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ORC Club Certificate Appendix

BOAT	
Name	PHEVOS
Sail Nr	GRE-1018
Certificate Number	000422
Issued On	9/5/2011

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1381,9	1092,0	933,9	854,1	820,1	799,8	786,9
52°	867,4	688,9	607,7	565,1	545,8	536,4	528,3
60°	789,5	637,0	575,9	539,0	518,6	510,2	502,3
75°	726,9	602,6	550,8	519,3	495,6	478,3	467,1
90°	722,1	592,6	536,5	503,3	488,1	476,7	446,9
110°	729,6	594,4	537,0	502,2	474,7	451,1	422,5
120°	768,9	613,5	549,6	512,6	484,4	460,1	416,7
135°	885,5	685,5	589,7	539,8	507,6	481,5	437,5
150°	1050,6	804,5	661,1	583,6	538,4	507,9	460,7
Run VMG	1213,1	929,0	760,4	654,7	590,6	546,9	491,8
Selected Courses							
Windward / Leeward	1316,3	1024,6	860,5	766,6	713,9	681,0	646,7
Circular Random	1033,8	817,4	699,1	629,5	586,6	559,0	525,2
Ocean for PCS	1105,4	855,0	714,0	627,9	571,8	532,4	477,0
Non Spinnaker	1090,3	856,4	727,2	650,4	602,8	572,1	535,8

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	46,3°	46,1°	44,6°	42,5°	41,6°	41,1°	41,4°
Beat VMG	2,61	3,30	3,85	4,21	4,39	4,50	4,57
52°	4,15	5,23	5,92	6,37	6,60	6,71	6,81
60°	4,56	5,65	6,25	6,68	6,94	7,06	7,17
75°	4,95	5,97	6,54	6,93	7,26	7,53	7,71
90°	4,99	6,07	6,71	7,15	7,38	7,55	8,06
110°	4,93	6,06	6,70	7,17	7,58	7,98	8,52
120°	4,68	5,87	6,55	7,02	7,43	7,82	8,64
135°	4,07	5,25	6,11	6,67	7,09	7,48	8,23
150°	3,43	4,47	5,45	6,17	6,69	7,09	7,81
Run VMG	2,97	3,88	4,73	5,50	6,10	6,58	7,32
Gybe Angles	146,6°	148,9°	153,4°	164,3°	171,1°	174,1°	175,5°