



World Leader in Rating Technology

2011 ORC Club Certificate

Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας



Certificate

Number **000596**
Issued On **19/5/2011**
ORC Ref **GRE00019056**
VPP Ver. **2011 1.02**
Valid until **1/3/2012**

Crew Weight

Declared **404 kg**
Default* **404 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double Handed	787,4	0,7620
Non Spinnaker	812,3	0,7386
N/S Perf. Line	47,8	0,582

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes** **38,19**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

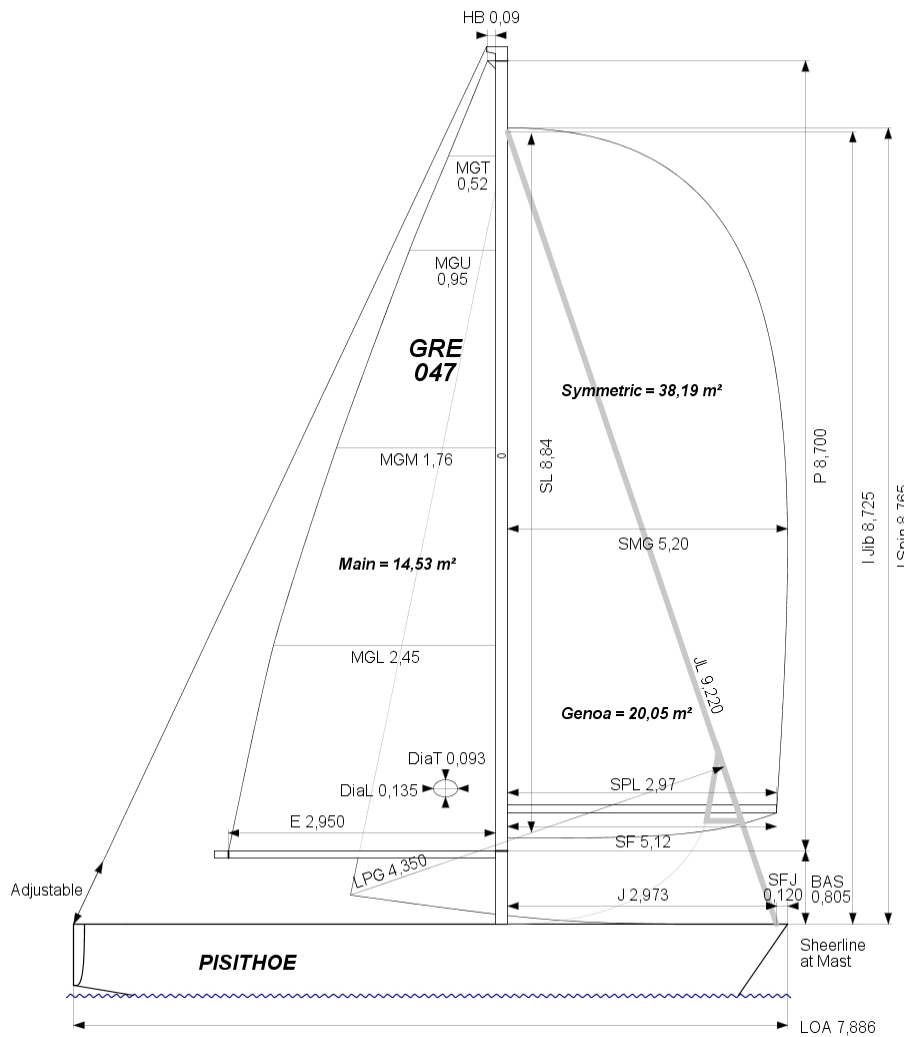
LPS (Estimated): **111,2°**
Stability Index: **113,2**
OSR Category: **2**

Owner

HRISTOS MALAKOS - DESPINA
PITSIOU
AR. DELI 1A
81100 MYTILINI, HELLAS
LOIATh

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

Signature



BOAT	GPH	HULL
Name PISITHOE Sail Nr GRE-047	783,9	Data File GR047.dxt LOA 7,886 m Offset File VITAL26_OFF MB 2,494 m Displacement 2.640 kg Draft 1,870 m
CLASS Class ETAP 26 Designer VAN DE STADT Builder ETAP YACHTING Series 01/1981 Age Date 01/1985 Age Allowance 0,975%		IMS Division Cruiser/Racer Dynamic All. 0,711% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Anchor Wgt Anchor LCG
COMMENTS Officially weighted by measurer. Borrowed off set file.		IMS L 7,267 Wetted Area 14,10 m² VCGM 0,052
PROPELLER Installation Strut PRD 0,350 Type Solid 2 blades PBW 0,090		CENTERBOARD N/A

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	783,9			840,0		
Time On Time	0,7654			0,8035		
Performance Line	0,631	71,2		0,581	120,6	
Triple Number	Low 0,7265	Medium 0,9838	High 1,1329	Low 0,5564	Medium 0,7974	High 0,9529



World Leader in Rating Technology

2011

ORC Club Certificate Appendix

BOAT	
Name	PISITHOE
Sail Nr	GRE-047
Certificate Number	000596
Issued On	19/5/2011

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1413,0	1135,7	977,5	892,0	845,8	819,3	792,0
52°	905,9	735,5	658,2	619,3	594,4	582,1	569,7
60°	843,3	693,3	633,7	599,8	575,9	561,7	549,8
75°	793,2	665,6	615,2	584,0	560,8	541,7	521,5
90°	807,1	666,9	606,8	570,0	546,2	536,1	512,4
110°	811,5	664,8	606,0	569,7	541,5	517,4	482,8
120°	846,4	683,4	618,0	579,5	550,6	525,9	483,7
135°	954,9	755,4	654,6	605,6	572,5	545,9	502,1
150°	1126,1	869,8	723,7	646,3	602,6	571,6	524,0
Run VMG	1300,3	1003,6	831,0	719,3	653,7	611,3	555,7

Selected Courses							
Windward / Leeward	1378,5	1084,6	917,5	817,8	759,3	723,4	680,0
Circular Random	1109,0	882,4	758,6	685,4	639,7	609,6	571,4
Ocean for PCS	1181,3	920,8	774,7	685,6	627,9	588,1	534,2
Non Spinnaker	1162,2	919,4	785,4	705,3	655,0	621,8	580,6

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°	43,2°	42,0°	39,5°	37,9°	36,8°	35,8°
Beat VMG	2,55	3,17	3,68	4,04	4,26	4,39	4,55
52°	3,97	4,89	5,47	5,81	6,06	6,18	6,32
60°	4,27	5,19	5,68	6,00	6,25	6,41	6,55
75°	4,54	5,41	5,85	6,16	6,42	6,65	6,90
90°	4,46	5,40	5,93	6,32	6,59	6,72	7,03
110°	4,44	5,41	5,94	6,32	6,65	6,96	7,46
120°	4,25	5,27	5,83	6,21	6,54	6,85	7,44
135°	3,77	4,77	5,50	5,94	6,29	6,60	7,17
150°	3,20	4,14	4,97	5,57	5,97	6,30	6,87
Run VMG	2,77	3,59	4,33	5,00	5,51	5,89	6,48
Gybe Angles	146,9°	153,0°	157,6°	165,2°	172,1°	174,5°	175,7°