



World Leader in Rating Technology

2011 ORC Club Certificate

Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας



Certificate

Number **000255**
Issued On **6/7/2011**
ORC Ref **GRE00019379**
VPP Ver. **2011 1.02**
Valid until **1/3/2012**

Crew Weight

Declared **450 kg**
Default* **476 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double Handed	740,2	0,8106
Non Spinnaker	771,1	0,7781
N/S Perf. Line	56,1	0,622

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes** **57,24**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

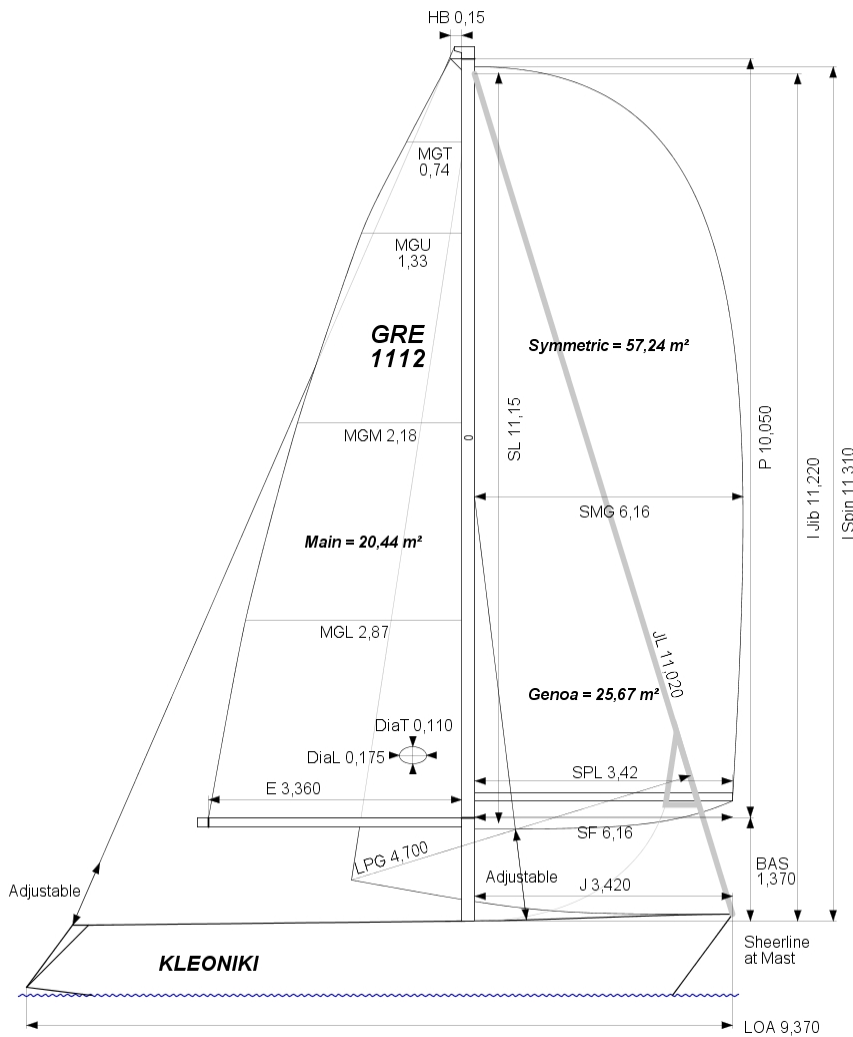
LPS (Measured): **108,7°**
Stability Index: **108,7**
OSR Category: **N/A**

Owner

YANNIS GENITSARIOTIS
STOA VEKRELLI - PROKYMAIA
81100 MYTILINI, HELLAS
LOIATH

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

Signature



BOAT	GPH	HULL
Name KLEONIKI Sail Nr GRE-1112	737,5	Data File GR1112.dxt LOA 9,370 m Offset File H098.BOF MB 3,222 m Displacement 4.302 kg Draft 1,782 m
CLASS Class FIRST 305 Designer FINOT Builder BENETEAU Series 01/1988 Age Date 01/1988 Age Allowance 0,975%		IMS Division Cruiser/Racer Dynamic All. 0,842% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Anchor Wgt Anchor LCG
COMMENTS CAST-IRON KEEL		IMS L 7,941 Wetted Area 19,25 m² VCGM 0,157
PROPELLER Installation Shaft PRD 0,440 Type Folding PBW 0,109		CENTERBOARD N/A

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	737,5			793,8	
Time On Time	0,8136			0,8504		
Performance Line	PLT 0,693	PLD 88,5		PLT 0,651	PLD 150,5	
Triple Number	Low 0,7790	Medium 1,0447	High 1,1842	Low 0,5932	Medium 0,8474	High 0,9944



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ORC Club Certificate Appendix

BOAT	
Name	KLEONIKI
Sail Nr	GRE-1112
Certificate Number	000255
Issued On	6/7/2011

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1344,3	1072,0	922,1	850,9	816,1	794,5	774,2
52°	855,0	685,1	619,1	588,1	569,7	559,7	549,3
60°	789,5	646,1	597,2	569,4	550,9	539,2	529,1
75°	737,3	621,4	580,4	553,8	533,7	518,4	500,6
90°	745,6	617,6	570,1	540,9	525,2	515,5	491,7
110°	741,9	614,1	567,5	536,1	510,7	489,7	466,7
120°	774,5	628,1	576,7	544,2	518,4	496,2	460,1
135°	879,1	687,6	606,4	567,0	538,1	513,9	474,2
150°	1043,6	805,7	667,5	601,8	565,6	538,1	494,3
Run VMG	1205,0	930,3	766,8	668,1	611,4	575,2	524,8

Selected Courses							
Windward / Leeward	1294,5	1015,1	858,7	771,2	722,5	692,3	655,7
Circular Random	1037,6	827,1	713,6	647,9	607,8	581,8	549,2
Ocean for PCS	1106,8	864,0	729,3	648,4	596,6	560,9	511,6
Non Spinnaker	1101,5	871,2	745,2	671,0	625,2	595,5	559,2

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	45,3°	44,7°	42,7°	40,3°	38,9°	38,0°	37,3°
Beat VMG	2,68	3,36	3,90	4,23	4,41	4,53	4,65
52°	4,21	5,25	5,82	6,12	6,32	6,43	6,55
60°	4,56	5,57	6,03	6,32	6,53	6,68	6,80
75°	4,88	5,79	6,20	6,50	6,75	6,94	7,19
90°	4,83	5,83	6,31	6,66	6,85	6,98	7,32
110°	4,85	5,86	6,34	6,72	7,05	7,35	7,71
120°	4,65	5,73	6,24	6,62	6,94	7,26	7,82
135°	4,10	5,24	5,94	6,35	6,69	7,00	7,59
150°	3,45	4,47	5,39	5,98	6,36	6,69	7,28
Run VMG	2,99	3,87	4,69	5,39	5,89	6,26	6,86
Gybe Angles	145,2°	148,7°	153,1°	165,2°	172,5°	174,7°	175,5°