



World Leader in Rating Technology

2012 ORC Club Certificate

Rating Office
Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας

Certificate
 Number **000864**
 Issued On **06/04/2012**
 ORC Ref **GRE00052403**
 VPP Ver. **2012 1.01**
 Valid until **01/03/2013**

Crew Weight
 Declared **470 kg**
 Default* **517 kg**
 Non Manual Power **No**

Special Scoring

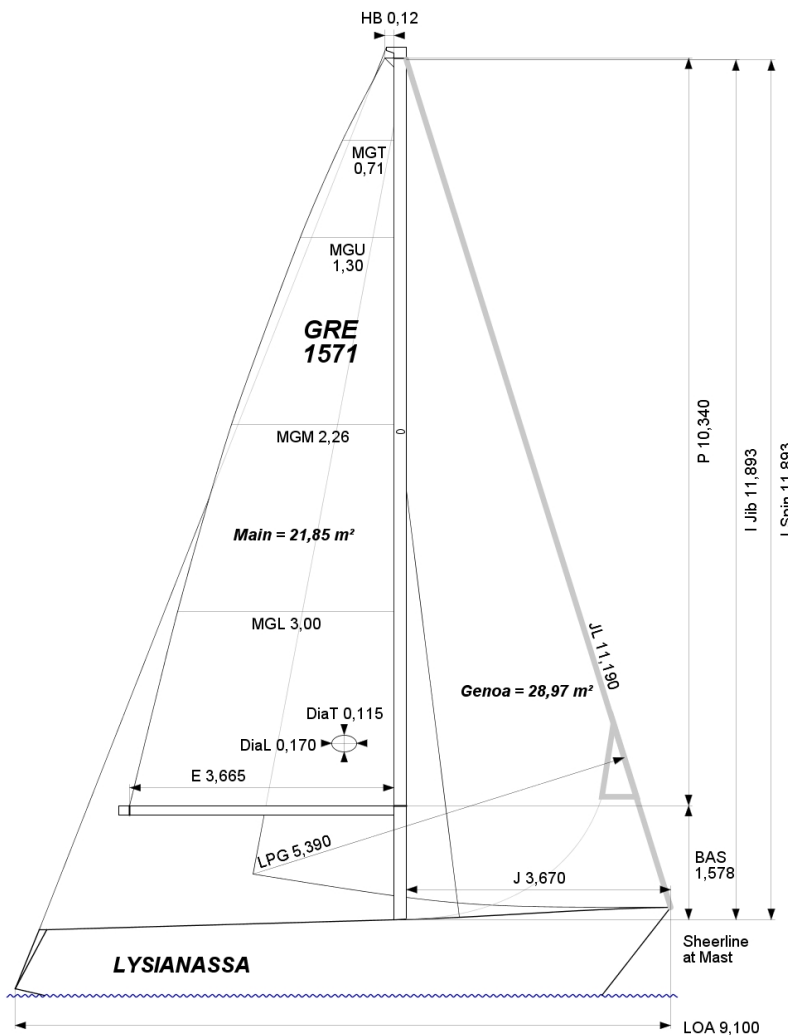
	ToD	ToT
D. Hand OSN	754,6	0,7951
Non Spin. OSN	752,1	0,7978
N/S Perf. Line	42,0	0,590

Sails Limitations
 Genoa **1** Spinnakers **0**
 Jibs **0** Dacron Sails

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

Stability
 LPS (Estimated): **106,6°**
 Stability Index: **107,0**
 OSR Category: **N/A**

Owner



BOAT	GPH	HULL
Name LYSIANASSA Sail Nr GRE-1571	791,4	Data File GR1571.dxt LOA 9,100 m Offset File GR0066.BOF MB 3,240 m Displacement 4.500 kg Draft 1,668 m
CLASS Class DISCOVERY 3000 Designer DUBOIS Builder DROMOR Series 03/1994 Age Date 01/1996 Age Allowance 0,975%		IMS Division Cruiser/Racer Dynamic All. 0,572% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No IMS L 7,883 Wetted Area 20,48 m² VCGM 0,193
COMMENTS Builder's declared displacement.		CENTERBOARD N/A
PROPELLER Installation Shaft PRD 0,350 Type Solid 3 blades		

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	752,1			849,1		
Time On Time	0,7978			0,7949		
Performance Line	0,590	42,0		0,539	89,9	
Triple Number	Low 0,6790	Medium 0,9341	High 1,1464	Low 0,5368	Medium 0,7882	High 0,9511



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ORC Club Certificate Appendix

BOAT	
Name	LYSIANASSA
Sail Nr	GRE-1571
Certificate Number	000864
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1423,7	1125,0	971,4	889,9	849,7	826,5	807,1
52°	901,1	717,9	638,6	598,2	576,4	566,5	557,4
60°	825,5	672,7	610,7	576,4	555,5	544,9	535,9
75°	766,1	642,3	590,4	560,4	538,8	521,6	505,8
90°	777,6	648,6	595,4	564,6	538,0	515,5	487,0
110°	868,4	687,5	613,4	573,5	546,7	524,4	487,2
120°	941,6	733,2	636,2	587,2	556,5	532,9	493,8
135°	1071,8	826,0	687,2	617,9	577,6	550,5	508,5
150°	1231,6	938,6	764,7	663,8	607,7	572,3	525,9
Run VMG	1414,3	1067,1	867,7	734,6	652,8	603,4	546,4

Selected Courses							
Windward / Leeward	1419,0	1096,0	919,6	812,3	751,2	714,9	676,8
Circular Random	1137,6	896,8	764,4	686,0	637,5	606,2	569,0
Ocean for PCS	1213,3	936,2	780,1	684,7	622,8	580,1	522,5
Non Spinnaker	1137,6	896,8	764,4	686,0	637,5	606,2	569,0

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	46,0°	45,9°	43,9°	42,2°	41,1°	40,3°	39,9°
Beat VMG	2,53	3,20	3,71	4,05	4,24	4,36	4,46
52°	3,99	5,01	5,64	6,02	6,25	6,35	6,46
60°	4,36	5,35	5,90	6,25	6,48	6,61	6,72
75°	4,70	5,60	6,10	6,42	6,68	6,90	7,12
90°	4,63	5,55	6,05	6,38	6,69	6,98	7,39
110°	4,15	5,24	5,87	6,28	6,59	6,87	7,39
120°	3,82	4,91	5,66	6,13	6,47	6,76	7,29
135°	3,36	4,36	5,24	5,83	6,23	6,54	7,08
150°	2,92	3,84	4,71	5,42	5,92	6,29	6,85
Run VMG	2,55	3,37	4,15	4,90	5,52	5,97	6,59
Gybe Angles	160,2°	168,5°	169,9°	180,0°	180,0°	180,0°	180,0°