



World Leader in Rating Technology

2017 ORC Club Certificate

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



Certificate
 Number **000208**
 Issued On **25/5/2017**
 ORC Ref **GRE01007587**
 VPP Ver. **2017 1.00**
 Valid until **28/2/2018**

Crew Weight
 Declared **450kg**
 Default* **543kg**
 Non Manual Pwr **No**

Special Scoring
 ToD ToT
 Non Spin GPH **798,0 0,7519**
 Non Spin OSN **767,6 0,7817**

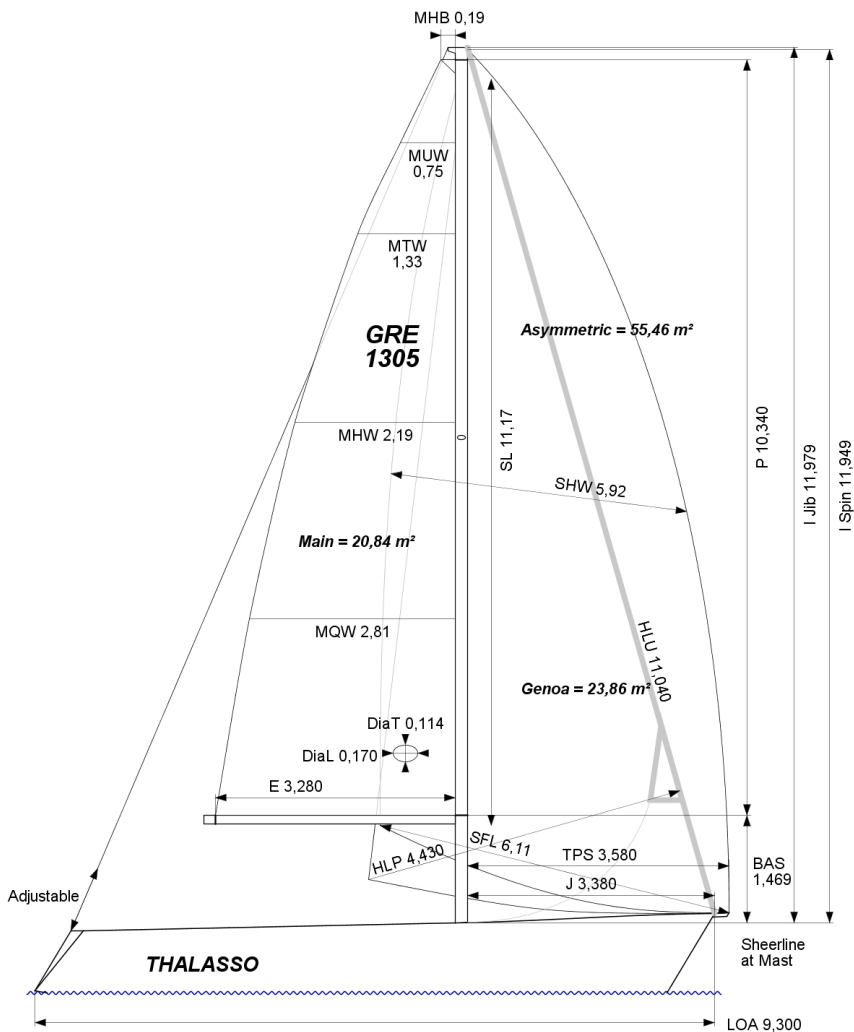
Sails Limitations
 Headsails **1** Spinnakers **3**

Spinnaker configuration
 Symmetric: **No**
 Asymmetric: **Yes 55,46**
 Flying H/S: **No**
 Spin. Pole: **No**

Class Division Length
 CDL = **6,881**

Stability (Estimated)
 Limit Positive Stab.: **111,4°**
 Stability Index: **115,0**

Owner



BOAT	
Name	THALASSO
Sail Nr	GRE-1305

GPH	
	764,3

HULL	
Data File	GR1305 LOA 9,300m
Offset File	CLSOD322.OFF MB 2,972m
Displacement	4,585kg Draft 1,479m

CLASS	
Class	SUN ODYSSEY 32.2
Designer	Fauroux
Builder	JEANNEAU
Series	10/1989
Age Date	04/2000
Age Allowance	0,487%

IMS Division	Cruiser/Racer	Dynamic All.	0,464%
Fwd Accom.	Yes	Construction	Solid
Fiber Rigging	No	Aramid Core	No
Crew Arm Ex		Carbon Rudder	No
		Light Stanchions	No

IMSL	8,458m	VCGD	0,083m	Sink	15,48kg/mm
RL	5,304m	VCGM	0,049m	WS	20,50m²
LSM0	8,467m Displacement/Length ratio 7,5535				

COMMENTS	
Weighted by measurer.	

Water Ballast	0	Trim Tab	No
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PROPELLER			
Installation	Shaft exposed	PRD	0,381
Type	Solid 3 blades	PIPA	0,0181

CENTERBOARD	
N/A	

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Low	Medium	High	Low	Medium	High
Time On Distance	741,0			839,2		
Time On Time	0,8097			0,8043		
Triple Number						
Time on Distance	905,2	670,6	578,7	1180,5	854,5	707,3
Time on Time	0,7457	1,0065	1,1665	0,5718	0,7899	0,9544

BOAT	
Name THALASSO	Sail Nr GRE-1305
File GR1305	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS			
Inclining Test Club Estimated VCG			
Flotation date 15/04/2015		SG	
FFM	FF	1,081	SFFP 0,349
FAM	FA	0,851	SAFP 8,642
LCF from stem on CL / on sheer		5,264 / 5,465	
Maximum beam station from stem		5,361	
RM Measured		77,4kg·m	
RM Default		75,1kg·m	
Limit of positive stability / Stab.Index		111,4° / 115,0	
Freeboard at mast at 3,380		0,962	

RIG			
Forestay Tension Aft	Spreaders 1		
Inner Stay None Fitted	Runners 0		
Carbon Mast No	Jumper Struts None		
Taper Hollows No	Jib Furler Yes		
Fiber Rigging No	Main Furler No		
Lenticular Rigging No	Without Backstay No		
Articulated Bowsprit No			
P 10,340	E 3,280	MDT1 0,114	MW
IG 11,979	J 3,380	MDL1 0,170	GO
ISP 11,949	SFJ 0,000	MDT2	BD
BAS 1,469	SPL	MDL2	MWT
FSP -3,000	TPS 3,580	TL -3,000	MCG



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Measurements Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation	Shaft exposed	PRD	0,381
Type	Solid 3 blades	PBW	
Twin Screw	No	PIPA	0,0181
PSA	PHL	ST3	ESL
PSD	ST1	ST4	
PHD	ST2	ST5	

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COMMENTS	
Weighted by measurer.	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	0,190	0,75	1,33	2,19	2,81	20,84	KALATZIS	13/06/2014	ZOUGANELI	Polyester						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
2	0,08	0,55	1,04	2,10	3,23	4,43	11,04	131%	23,86	N		KALATZIS	09/12/2015	ZOUGNELIS	Polyest	
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
1	11,83	10,51	11,17	5,92	6,11	55,46	asym	KALATZIS	13/06/2014	ZOUGANELI	Nylon					



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ORC Club Certificate Appendix

BOAT	
Name	THALASSO
Certificate Number	000208
Sail Nr	GRE-1305
Issued On	25/5/2017

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1400,6	1137,9	1003,5	916,9	850,2	818,1	803,2
52°	893,7	739,8	653,1	595,9	565,7	551,5	544,6
60°	831,6	695,7	612,3	568,7	546,8	534,1	525,2
75°	784,2	658,5	583,2	550,3	532,1	518,0	497,5
90°	788,4	645,9	566,1	533,3	515,6	508,4	486,8
110°	780,7	640,8	563,6	531,8	510,1	488,8	457,5
120°	811,1	662,9	575,5	538,0	515,6	494,8	453,6
135°	903,2	724,4	619,0	559,2	531,1	510,7	471,4
150°	1059,0	831,8	710,2	627,9	580,5	548,9	513,3
Run VMG	1222,8	960,5	820,1	725,1	665,8	602,1	538,0

Selected Courses							
Windward / Leeward	1311,7	1049,2	911,8	821,0	758,0	710,1	670,6
Circular Random	1079,0	860,5	740,2	668,1	622,6	592,7	557,5
Ocean for PCS	1329,1	1015,1	835,2	722,9	648,8	597,3	529,1
Non Spinnaker	1145,0	905,6	771,9	690,5	638,7	604,9	566,7

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°	43,7°	43,1°	44,0°	43,7°	42,6°	42,0°
Beat VMG	2,57	3,16	3,59	3,93	4,23	4,40	4,48
52°	4,03	4,87	5,51	6,04	6,36	6,53	6,61
60°	4,33	5,17	5,88	6,33	6,58	6,74	6,86
75°	4,59	5,47	6,17	6,54	6,77	6,95	7,24
90°	4,57	5,57	6,36	6,75	6,98	7,08	7,40
110°	4,61	5,62	6,39	6,77	7,06	7,36	7,87
120°	4,44	5,43	6,26	6,69	6,98	7,28	7,94
135°	3,99	4,97	5,82	6,44	6,78	7,05	7,64
150°	3,40	4,33	5,07	5,73	6,20	6,56	7,01
Run VMG	2,94	3,75	4,39	4,96	5,41	5,98	6,69
Gybe Angles	144,9°	145,8°	145,3°	145,5°	173,8°	174,7°	177,7°