

BOAT	
Name LOVA	Sail Nr GRE-1447
File GR1447	Data in meters/kilograms

RIG	
Forestay Tension Aft	Spreaders 1
Inner Stay Fixed	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 10,960	E 4,190
IG 12,569	J 3,365
ISP 12,560	SFJ 0,055
BAS 1,529	SPL
FSP -3,000	TPS
MDT1 0,130	MW
MDL1 0,180	GO
MDT2 0,130	BD 0,130
MDL2 0,180	MWT
TL 0,000	MCG

INCLINING TEST AND FREEBOARDS			
Inclining Test Club Estimated VCG			
Flotation date 01/01/2013		SG	
FFM	FF 1,311	SFFP	0,354
FAM	FA 1,001	SAFP	9,184
LCF from stem on CL / on sheer		5,517 / 5,758	
Maximum beam station from stem		6,102	
RM Measured		103,8kg·m	
RM Default		100,8kg·m	
Limit of positive stability / Stab.Index		115,5° / 116,7	
Freeboard at mast at 3,420		1,138	

MIZZEN RIG AND SAILS	
N/A	

PROPELLER			
Installation	Shaft exposed	PRD	0,380
Type	Solid 3 blades	PBW	
Twin Screw	No	PIPA	0,0180
PSA	PHL	ST3	ESL
PSD	ST1	ST4	
PHD	ST2	ST5	

COMMENTS	
Displacement & LOA according to builder's declaration. Estimated offset file.	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	



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2018
Measurements
Datasheet

Certificate

Number **000357**
ORC Ref **GRE01009417**
Issued On **13/4/2018**
VPP Ver. **2018 1.00**
Valid until **28/2/2019**



SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ORC	0,130	0,65	1,17	2,20	3,20	23,92					* Copied from legacy					
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
ORC						3,72	0,00	111%	24,64							* Copied from legacy *
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				



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2018

ORC Club Certificate Appendix

BOAT	
Name LOVA	Certificate Number 000357
Sail Nr GRE-1447	Issued On 13/4/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1378,3	1109,5	968,5	874,6	810,5	781,3	779,8
52°	883,7	725,0	636,5	576,0	545,8	531,9	527,1
60°	826,0	685,2	601,1	551,5	528,2	516,0	508,6
75°	783,6	653,8	574,1	534,6	514,3	501,2	484,3
90°	792,2	658,1	575,5	533,0	511,4	494,1	466,5
110°	863,6	698,6	603,5	545,2	516,7	498,6	466,3
120°	927,1	737,9	632,9	562,6	526,0	505,5	473,4
135°	1059,5	821,7	694,3	610,7	553,9	523,1	488,7
150°	1229,6	934,7	771,9	671,7	599,6	550,0	503,9
Run VMG	1382,7	1042,3	849,0	729,0	646,6	584,0	517,7
Selected Courses							
Windward / Leeward	1380,5	1075,9	908,7	801,8	728,5	682,7	648,7
Circular Random	1122,0	883,6	749,7	668,1	616,5	583,4	547,9
Coastal / Long Distance	1380,7	1011,5	816,2	692,9	621,8	575,6	518,9
Non Spinnaker	1122,0	883,6	749,7	668,1	616,5	583,4	547,9

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	45,0°	43,5°	42,7°	42,8°	42,3°	41,6°	41,9°
Beat VMG	2,61	3,24	3,72	4,12	4,44	4,61	4,62
52°	4,07	4,97	5,66	6,25	6,60	6,77	6,83
60°	4,36	5,25	5,99	6,53	6,82	6,98	7,08
75°	4,59	5,51	6,27	6,73	7,00	7,18	7,43
90°	4,54	5,47	6,26	6,75	7,04	7,29	7,72
110°	4,17	5,15	5,97	6,60	6,97	7,22	7,72
120°	3,88	4,88	5,69	6,40	6,84	7,12	7,60
135°	3,40	4,38	5,19	5,89	6,50	6,88	7,37
150°	2,93	3,85	4,66	5,36	6,00	6,55	7,14
Run VMG	2,60	3,45	4,24	4,94	5,57	6,16	6,95
Gybe Angles	169,4°	170,1°	171,3°	172,6°	173,2°	174,0°	177,5°