



World Leader in Rating Technology

## 2017 ORC Club Certificate

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



**Certificate**  
 Number **000199**  
 Issued On **15/3/2017**  
 ORC Ref **GRE01006800**  
 VPP Ver. **2017 1.00**  
 Valid until **28/2/2018**

**Crew Weight**  
 Declared **450kg**  
 Default\* **659kg**  
 Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>707,0</b>	<b>0,8487</b>
Double H.OSN	<b>685,6</b>	<b>0,8751</b>
Non Spin GPH	<b>737,5</b>	<b>0,8136</b>
Non Spin OSN	<b>712,9</b>	<b>0,8416</b>

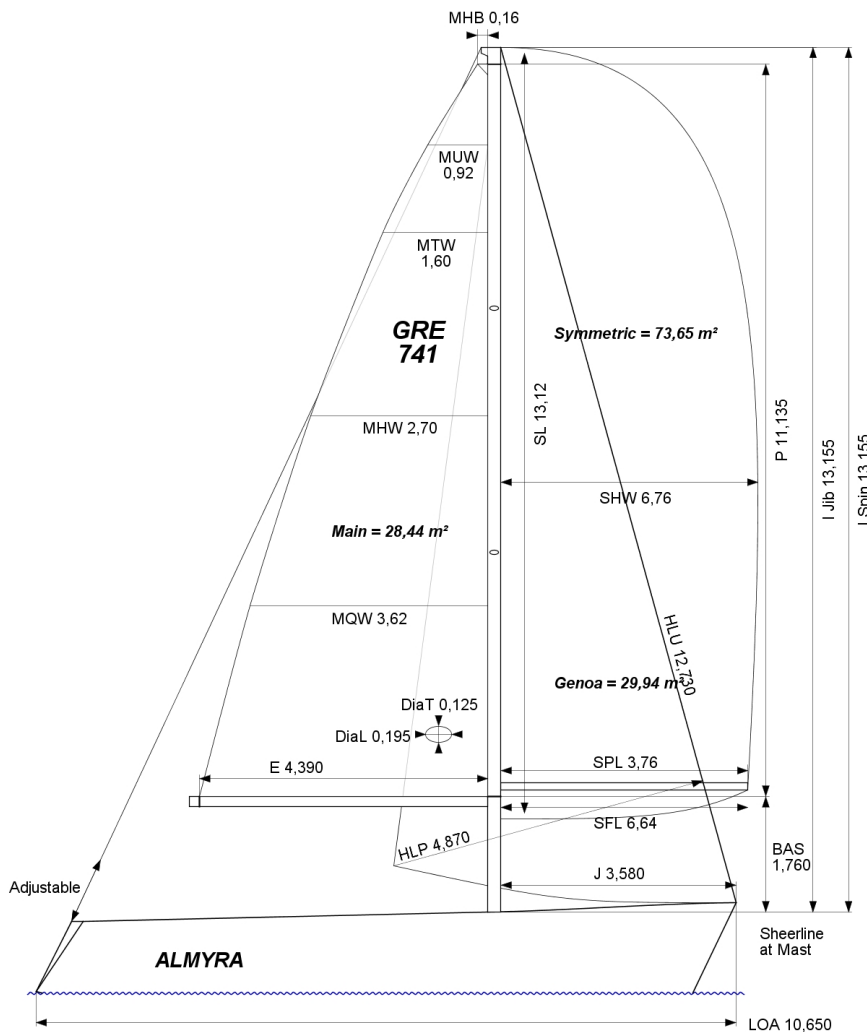
**Sails Limitations**  
 Headsails **5** Spinnakers **3**

**Spinnaker configuration**  
 Symmetric: **Yes** **73,65**  
 Asymmetric: **No**  
 Flying H/S: **No**  
 Spin. Pole: **Yes**

**Class Division Length**  
 CDL = **7,844**

**Stability (Estimated)**  
 Limit Positive Stab.: **107,9°**  
 Stability Index: **108,3**

**Owner**



BOAT		GPH		HULL			
Name	<b>ALMYRA</b>	<b>704,8</b>	Data File	<b>GR741</b>	LOA	<b>10,650m</b>	
Sail Nr	<b>GRE-741</b>		Offset File	<b>SUNOD362.OFF</b>	MB	<b>3,684m</b>	
CLASS		IMSL Division		<b>Cruiser/Racer</b>	Dynamic All.	<b>0,414%</b>	
Class	<b>SUN ODYSSEY 36.2</b>	Fwd Accom.	<b>Yes</b>	Construction	<b>Solid</b>		
Designer	<b>JACQUES FAUROUX</b>	Fiber Rigging	<b>No</b>	Aramid Core	<b>No</b>		
Builder	<b>JEANNEAU</b>	Crew Arm Ex		Carbon Rudder	<b>No</b>		
Series	<b>01/1996</b>			Light Stanchions	<b>No</b>		
Age Date	<b>02/1998</b>	IMSL	<b>9,661m</b>	VCGD	<b>0,162m</b>	Sink	<b>20,37kg/mm</b>
Age Allowance	<b>0,487%</b>	RL	<b>6,027m</b>	VCGM	<b>0,209m</b>	WS	<b>26,34m²</b>
COMMENTS		LSM0	<b>9,700m</b>	Displacement/Length ratio	<b>6,4974</b>		
Builder's declared displacement.		Water Ballast	<b>0</b>	Trim Tab	<b>No</b>		
PROPELLER		CENTERBOARD		N/A			
Installation	<b>Shaft exposed</b>	PRD	<b>0,440</b>				
Type	<b>Folding 2 blades</b>	PBW	<b>0,109</b>				
		PIPA	<b>0,0053</b>				
SCORING OPTIONS							
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time On Distance	<b>683,3</b>			<b>771,0</b>			
Time On Time	<b>0,8781</b>			<b>0,8755</b>			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	<b>830,9</b>	<b>619,3</b>	<b>537,6</b>	<b>1084,0</b>	<b>781,9</b>	<b>654,6</b>	
Time on Time	<b>0,8124</b>	<b>1,0900</b>	<b>1,2555</b>	<b>0,6227</b>	<b>0,8633</b>	<b>1,0311</b>	

<b>BOAT</b>	
Name <b>ALMYRA</b>	Sail Nr <b>GRE-741</b>
File <b>GR741</b>	Data in <b>meters/kilograms</b>

<b>RIG</b>	
Forestay Tension <b>Aft</b>	Spreaders <b>2</b>
Inner Stay <b>None Fitted</b>	Runners <b>0</b>
Carbon Mast <b>No</b>	Jumper Struts <b>None</b>
Taper Hollows <b>No</b>	Jib Furler <b>No</b>
Fiber Rigging <b>No</b>	Main Furler <b>No</b>
Lenticular Rigging <b>No</b>	Without Backstay <b>No</b>
Articulated Bowsprit <b>No</b>	
P <b>11,135</b>	E <b>4,390</b> MDT1 <b>0,125</b> MW
IG <b>13,155</b>	J <b>3,580</b> MDL1 <b>0,195</b> GO
ISP <b>13,155</b>	SFJ <b>0,000</b> MDT2 <b>0,125</b> BD
BAS <b>1,760</b>	SPL <b>3,760</b> MDL2 <b>0,195</b> MWT
FSP <b>-3,000</b>	TPS TL <b>0,000</b> MCG

<b>INCLINING TEST AND FREEBOARDS</b>			
Inclining Test <b>Club Estimated VCG</b>			
Flotation date <b>01/01/2013</b>		SG	
FFM	FF <b>1,359</b>	SFFP	<b>0,453</b>
FAM	FA <b>1,091</b>	SAFP	<b>9,930</b>
LCF from stem on CL / on sheer		<b>6,133 / 6,402</b>	
Maximum beam station from stem		<b>6,890</b>	
RM Measured		<b>136,4kg·m</b>	
RM Default		<b>132,4kg·m</b>	
Limit of positive stability / Stab.Index		<b>107,9° / 108,3</b>	
Freeboard at mast at 3,580		<b>1,229</b>	



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## 2017 Measurements Datasheet

<b>MIZZEN RIG AND SAILS</b>	
N/A	

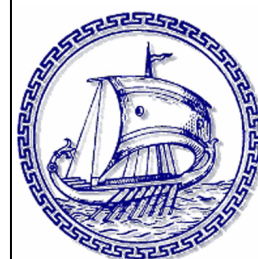
<b>PROPELLER</b>			
Installation <b>Shaft exposed</b>	PRD	<b>0,440</b>	
Type <b>Folding 2 blades</b>	PBW	<b>0,109</b>	
Twin Screw <b>No</b>	PIPA	<b>0,0053</b>	
PSA <b>18,800</b>	PHL <b>0,122</b>	ST3 <b>0,092</b>	ESL <b>0,858</b>
PSD <b>0,025</b>	ST1 <b>0,002</b>	ST4 <b>0,046</b>	
PHD <b>0,080</b>	ST2 <b>0,075</b>	ST5 <b>0,220</b>	

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<b>COMMENTS</b>	
Builder's declared displacement.	

<b>MOVEABLE BALLAST</b>	
N/A	

<b>CENTERBOARD</b>	
N/A	



<b>SAILS INVENTORY</b>																
<b>MAINSAIL (1)</b>																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0,160	0,92	1,60	2,70	3,62	28,44	KALATZIS	12/10/2015	KAKITSIS	Polyester	Mylar Tafeta					
<b>HEADSAILS (2)</b>																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
2	0,04	0,54	1,10	2,29	3,54	4,87	12,73	136%	29,94			KALATZIS	20/02/2017	KAKITSIS	Pentex	
3	0,02	0,36	0,72	1,54	2,48	3,52	12,86	98%	21,09			ANTONO	23/09/2011		Dacron	
<b>SYMMETRIC SPINNAKERS (2)</b>																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	13,12	13,12	13,12	6,76	6,64	73,65	KALATZIS	30/08/2014	KAKITSIS	Nylon						
1	12,60	12,60	12,60	6,47	6,14	67,24	ANTONOPOULO	23/09/2011		Nylon						
<b>ASYMMETRIC SPINNAKERS (0)</b>																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				



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# 2017

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name <b>ALMYRA</b>	Certificate Number <b>000199</b>
Sail Nr <b>GRE-741</b>	Issued On <b>15/3/2017</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1296,6</b>	<b>1062,2</b>	<b>940,5</b>	<b>860,1</b>	<b>806,8</b>	<b>784,4</b>	<b>777,2</b>
52°	<b>822,7</b>	<b>684,3</b>	<b>606,8</b>	<b>556,1</b>	<b>530,6</b>	<b>520,7</b>	<b>516,3</b>
60°	<b>762,4</b>	<b>640,4</b>	<b>568,2</b>	<b>530,0</b>	<b>510,9</b>	<b>500,9</b>	<b>495,7</b>
75°	<b>715,1</b>	<b>603,6</b>	<b>540,4</b>	<b>511,9</b>	<b>495,1</b>	<b>482,2</b>	<b>466,5</b>
90°	<b>714,1</b>	<b>602,2</b>	<b>530,4</b>	<b>499,8</b>	<b>486,4</b>	<b>477,0</b>	<b>449,8</b>
110°	<b>718,3</b>	<b>590,1</b>	<b>523,1</b>	<b>494,3</b>	<b>473,1</b>	<b>452,3</b>	<b>429,2</b>
120°	<b>739,9</b>	<b>606,2</b>	<b>531,5</b>	<b>499,0</b>	<b>477,4</b>	<b>456,3</b>	<b>416,2</b>
135°	<b>816,3</b>	<b>660,0</b>	<b>566,2</b>	<b>517,1</b>	<b>492,1</b>	<b>471,8</b>	<b>430,7</b>
150°	<b>960,2</b>	<b>752,0</b>	<b>635,7</b>	<b>558,7</b>	<b>516,4</b>	<b>493,0</b>	<b>454,5</b>
Run VMG	<b>1108,8</b>	<b>868,3</b>	<b>732,2</b>	<b>640,5</b>	<b>573,9</b>	<b>527,5</b>	<b>481,7</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1202,7</b>	<b>965,2</b>	<b>836,3</b>	<b>750,3</b>	<b>690,3</b>	<b>656,0</b>	<b>629,5</b>
Circular Random	<b>990,8</b>	<b>792,1</b>	<b>682,9</b>	<b>617,6</b>	<b>576,7</b>	<b>550,3</b>	<b>520,0</b>
Ocean for PCS	<b>1219,6</b>	<b>933,1</b>	<b>769,1</b>	<b>667,1</b>	<b>600,0</b>	<b>553,3</b>	<b>490,0</b>
Non Spinnaker	<b>1049,5</b>	<b>833,5</b>	<b>713,7</b>	<b>641,4</b>	<b>595,7</b>	<b>566,0</b>	<b>531,6</b>

<b>Velocity Prediction in Knots for True Wind Speeds</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>46,1°</b>	<b>44,7°</b>	<b>44,4°</b>	<b>44,9°</b>	<b>44,5°</b>	<b>43,8°</b>	<b>43,5°</b>
Beat VMG	<b>2,78</b>	<b>3,39</b>	<b>3,83</b>	<b>4,19</b>	<b>4,46</b>	<b>4,59</b>	<b>4,63</b>
52°	<b>4,38</b>	<b>5,26</b>	<b>5,93</b>	<b>6,47</b>	<b>6,78</b>	<b>6,91</b>	<b>6,97</b>
60°	<b>4,72</b>	<b>5,62</b>	<b>6,34</b>	<b>6,79</b>	<b>7,05</b>	<b>7,19</b>	<b>7,26</b>
75°	<b>5,03</b>	<b>5,96</b>	<b>6,66</b>	<b>7,03</b>	<b>7,27</b>	<b>7,47</b>	<b>7,72</b>
90°	<b>5,04</b>	<b>5,98</b>	<b>6,79</b>	<b>7,20</b>	<b>7,40</b>	<b>7,55</b>	<b>8,00</b>
110°	<b>5,01</b>	<b>6,10</b>	<b>6,88</b>	<b>7,28</b>	<b>7,61</b>	<b>7,96</b>	<b>8,39</b>
120°	<b>4,87</b>	<b>5,94</b>	<b>6,77</b>	<b>7,21</b>	<b>7,54</b>	<b>7,89</b>	<b>8,65</b>
135°	<b>4,41</b>	<b>5,45</b>	<b>6,36</b>	<b>6,96</b>	<b>7,32</b>	<b>7,63</b>	<b>8,36</b>
150°	<b>3,75</b>	<b>4,79</b>	<b>5,66</b>	<b>6,44</b>	<b>6,97</b>	<b>7,30</b>	<b>7,92</b>
Run VMG	<b>3,25</b>	<b>4,15</b>	<b>4,92</b>	<b>5,62</b>	<b>6,27</b>	<b>6,83</b>	<b>7,47</b>
Gybe Angles	<b>146,9°</b>	<b>150,6°</b>	<b>153,2°</b>	<b>156,0°</b>	<b>172,2°</b>	<b>180,0°</b>	<b>180,0°</b>