



World Leader in Rating Technology

## 2011 ORC Club Certificate

### Rating Office

Hellenic Sailing Federation  
Offshore Committee  
Επιτροπή  
Ανοικτής Θαλάσσης  
Ελληνικής  
Ιστιοπλοϊκής Ομοσπονδίας



### Certificate

Number **000807**  
Issued On **3/6/2011**  
ORC Ref **GRE00019182**  
VPP Ver. **2011 1.02**  
Valid until **1/3/2012**

### Crew Weight

Declared **300 kg**  
Default\* **396 kg**  
Non Manual Power **No**

### Special Scoring

	ToD	ToT
Double Handed	847,4	0,7080
Non Spinnaker	846,9	0,7085
N/S Perf. Line	40,5	0,550

### Sails Limitations

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

### Spinnaker configuration

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

### Stability

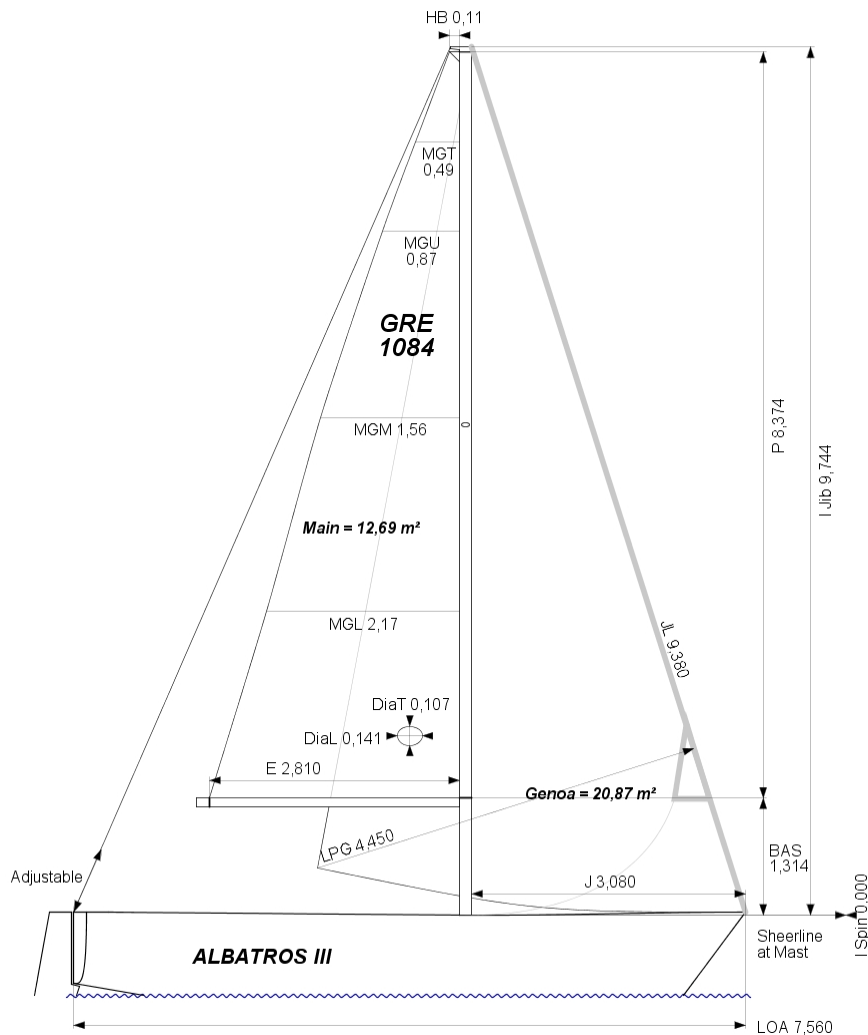
LPS (Estimated): **113,9°**  
Stability Index: **109,6**  
OSR Category: **N/A**

### Owner

AMVAZAS P. - STAMOPOULOS K.  
8 NOEMVRIOU 24  
81100 MYTILINI, HELLAS  
LOIATH

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

Signature



BOAT	GPH	HULL
Name <b>ALBATROS III</b> Sail Nr <b>GRE-1084</b>	<b>846,9</b>	Data File <b>GR1084.dxt</b> LOA <b>7,560 m</b> Offset File <b>Jouet760.off</b> MB <b>2,720 m</b> Displacement <b>2.200 kg</b> Draft <b>1,639 m</b>
<b>CLASS</b> Class <b>JOUET 760</b> Designer <b>PH. BRIAND</b> Builder <b>JOUET</b> Series <b>01/1983</b> Age Date <b>01/1983</b> Age Allowance <b>0,975%</b>		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0,746%</b> Fwd Accom. <b>Yes</b> Construction <b>Solid</b> Fiber Rigging <b>No</b> Aramid Core <b>No</b> Crew Arm Ex Carbon Rudder <b>No</b> Anchor Wgt Anchor LCG
<b>COMMENTS</b> Builder's declared displacement. Retractable keel always deployed while racing.		IMS L <b>6,460</b> Wetted Area <b>13,64 m²</b> VCGM <b>0,066</b>
<b>PROPELLER</b> Installation <b>Shaft</b> PRD <b>0,330</b> Type <b>Solid 2 blades</b>		<b>CENTERBOARD</b> N/A

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	<b>846,9</b>			<b>906,5</b>		
Time On Time	<b>0,7085</b>			<b>0,7446</b>		
Performance Line	<b>0,550</b>	<b>40,5</b>		<b>0,504</b>	<b>87,9</b>	
Triple Number	Low <b>0,6595</b>	Medium <b>0,9158</b>	High <b>1,0704</b>	Low <b>0,5057</b>	Medium <b>0,7382</b>	High <b>0,8943</b>



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# 2011

## ORC Club Certificate Appendix

BOAT	
Name	<b>ALBATROS III</b>
Sail Nr	<b>GRE-1084</b>
Certificate Number	<b>000807</b>
Issued On	<b>3/6/2011</b>

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1506,5</b>	<b>1213,7</b>	<b>1043,8</b>	<b>950,6</b>	<b>900,6</b>	<b>874,7</b>	<b>851,3</b>
52°	<b>958,9</b>	<b>777,0</b>	<b>693,0</b>	<b>645,1</b>	<b>616,6</b>	<b>604,1</b>	<b>593,2</b>
60°	<b>890,7</b>	<b>728,3</b>	<b>662,2</b>	<b>621,9</b>	<b>595,5</b>	<b>579,9</b>	<b>569,2</b>
75°	<b>836,1</b>	<b>697,3</b>	<b>638,3</b>	<b>603,9</b>	<b>578,4</b>	<b>557,4</b>	<b>536,2</b>
90°	<b>851,2</b>	<b>705,2</b>	<b>644,8</b>	<b>606,8</b>	<b>575,5</b>	<b>550,1</b>	<b>515,8</b>
110°	<b>929,0</b>	<b>743,7</b>	<b>664,5</b>	<b>618,0</b>	<b>586,9</b>	<b>561,0</b>	<b>519,5</b>
120°	<b>1003,7</b>	<b>794,9</b>	<b>688,2</b>	<b>632,5</b>	<b>597,9</b>	<b>570,4</b>	<b>526,9</b>
135°	<b>1141,8</b>	<b>884,7</b>	<b>738,3</b>	<b>666,4</b>	<b>621,1</b>	<b>590,5</b>	<b>543,2</b>
150°	<b>1305,4</b>	<b>993,8</b>	<b>821,5</b>	<b>712,6</b>	<b>653,6</b>	<b>614,6</b>	<b>562,1</b>
Run VMG	<b>1489,3</b>	<b>1129,5</b>	<b>920,1</b>	<b>785,5</b>	<b>699,9</b>	<b>647,4</b>	<b>584,9</b>

Selected Courses							
Windward / Leeward	<b>1520,4</b>	<b>1187,2</b>	<b>996,1</b>	<b>880,6</b>	<b>811,2</b>	<b>770,2</b>	<b>724,2</b>
Circular Random	<b>1214,8</b>	<b>959,7</b>	<b>818,6</b>	<b>734,2</b>	<b>681,2</b>	<b>646,6</b>	<b>604,4</b>
Ocean for PCS	<b>1293,0</b>	<b>1000,6</b>	<b>834,9</b>	<b>732,6</b>	<b>665,6</b>	<b>618,9</b>	<b>555,2</b>
Non Spinnaker	<b>1214,8</b>	<b>959,7</b>	<b>818,6</b>	<b>734,2</b>	<b>681,2</b>	<b>646,6</b>	<b>604,4</b>

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	<b>45,5°</b>	<b>44,2°</b>	<b>43,4°</b>	<b>40,9°</b>	<b>40,0°</b>	<b>39,4°</b>	<b>38,9°</b>
Beat VMG	<b>2,39</b>	<b>2,97</b>	<b>3,45</b>	<b>3,79</b>	<b>4,00</b>	<b>4,12</b>	<b>4,23</b>
52°	<b>3,75</b>	<b>4,63</b>	<b>5,20</b>	<b>5,58</b>	<b>5,84</b>	<b>5,96</b>	<b>6,07</b>
60°	<b>4,04</b>	<b>4,94</b>	<b>5,44</b>	<b>5,79</b>	<b>6,05</b>	<b>6,21</b>	<b>6,33</b>
75°	<b>4,31</b>	<b>5,16</b>	<b>5,64</b>	<b>5,96</b>	<b>6,22</b>	<b>6,46</b>	<b>6,71</b>
90°	<b>4,23</b>	<b>5,11</b>	<b>5,58</b>	<b>5,93</b>	<b>6,26</b>	<b>6,54</b>	<b>6,98</b>
110°	<b>3,88</b>	<b>4,84</b>	<b>5,42</b>	<b>5,83</b>	<b>6,13</b>	<b>6,42</b>	<b>6,93</b>
120°	<b>3,59</b>	<b>4,53</b>	<b>5,23</b>	<b>5,69</b>	<b>6,02</b>	<b>6,31</b>	<b>6,83</b>
135°	<b>3,15</b>	<b>4,07</b>	<b>4,88</b>	<b>5,40</b>	<b>5,80</b>	<b>6,10</b>	<b>6,63</b>
150°	<b>2,76</b>	<b>3,62</b>	<b>4,38</b>	<b>5,05</b>	<b>5,51</b>	<b>5,86</b>	<b>6,40</b>
Run VMG	<b>2,42</b>	<b>3,19</b>	<b>3,91</b>	<b>4,58</b>	<b>5,14</b>	<b>5,56</b>	<b>6,16</b>
Gybe Angles	<b>166,6°</b>	<b>167,7°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>