



World Leader in Rating Technology

## 2011 ORC Club Certificate

### Rating Office

Hellenic Sailing Federation  
Offshore Committee  
Επιτροπή  
Ανοικτής Θαλάσσης  
Ελληνικής  
Ιστιοπλοϊκής Ομοσπονδίας



### Certificate

Number **000754**  
Issued On **24/3/2011**  
ORC Ref **GRE00018190**  
VPP Ver. **2011 1.02**  
Valid until **1/3/2012**

### Crew Weight

Declared **800 kg**  
Default\* **938 kg**  
Non Manual Power **No**

### Special Scoring

	ToD	ToT
Double Handed	<b>684,8</b>	<b>0,8762</b>
Non Spinnaker	<b>719,3</b>	<b>0,8342</b>
N/S Perf. Line	<b>-28,4</b>	<b>0,556</b>

### Sails Limitations

Genoas **1** Spinnakers **3**  
Jibs **0** Dacron Sails

### Spinnaker configuration

Symmetric: **Yes** **97,22**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

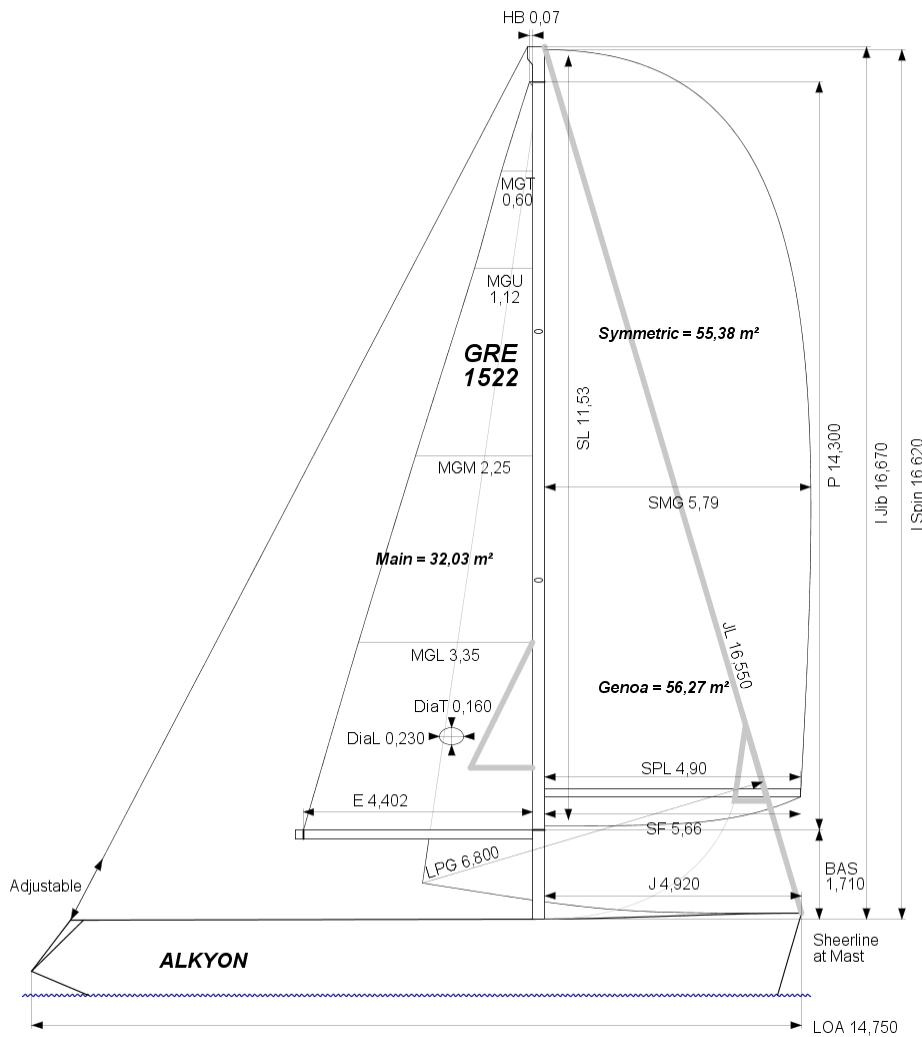
LPS (Estimated): **108,1°**  
Stability Index: **109,8**  
OSR Category: **N/A**

### Owner

KANELLOS PANAGIOTIS  
SIKIONOS 44  
20200 KIATO, HELLAS  
N.O. KIATOU

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

Signature



BOAT		GPH	HULL			
Name <b>ALKYON</b> Sail Nr <b>GRE-1522</b>		<b>685,9</b>	Data File <b>GR1522.dxt</b>	LOA <b>14,750 m</b>		
			Offset File <b>SO49_MK.OFF</b>	MB <b>4,486 m</b>		
			Displacement <b>10.000 kg</b>	Draft <b>2,038 m</b>		
CLASS						
Class <b>FEELING 486</b>		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>1,314%</b>				
Designer <b>GILLES VATON</b>		Fwd Accom. <b>Yes</b> Construction <b>Solid</b>				
Builder <b>KIRIE</b>		Fiber Rigging <b>No</b> Aramid Core <b>No</b>				
Series <b>03/1999</b>		Crew Arm Ex Carbon Rudder <b>No</b>				
Age Date <b>03/1999</b>		Anchor Wgt <b>300,0</b> Anchor LCG <b>0,50</b>				
Age Allowance <b>0,780%</b>		IMS L <b>12,799</b> Wetted Area <b>40,40 m²</b> VCGM <b>0,320</b>				
COMMENTS						
Builder's declared displacement						
PROPELLER		CENTERBOARD				
Installation <b>Shaft</b> PRD <b>0,480</b>						
Type <b>Solid 3 blades</b>		N/A				
SCORING OPTIONS						
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	<b>685,9</b>			<b>755,5</b>		
Time On Time	<b>0,8748</b>			<b>0,8935</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0,603</b>	<b>-14,1</b>		<b>0,539</b>	<b>35,4</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0,7869</b>	<b>1,1390</b>	<b>1,3900</b>	<b>0,5910</b>	<b>0,8786</b>	<b>1,1117</b>



World Leader in Rating Technology

# 2011

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name <b>ALKYON</b>	Certificate Number <b>000754</b>
Sail Nr <b>GRE-1522</b>	Issued On <b>24/3/2011</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1378,8</b>	<b>1081,0</b>	<b>922,3</b>	<b>817,3</b>	<b>751,6</b>	<b>721,1</b>	<b>693,3</b>
52°	<b>860,4</b>	<b>679,6</b>	<b>580,4</b>	<b>520,0</b>	<b>486,3</b>	<b>468,1</b>	<b>453,8</b>
60°	<b>778,5</b>	<b>623,4</b>	<b>532,7</b>	<b>488,0</b>	<b>458,2</b>	<b>439,5</b>	<b>427,2</b>
75°	<b>714,4</b>	<b>576,4</b>	<b>500,3</b>	<b>462,4</b>	<b>436,5</b>	<b>417,5</b>	<b>395,3</b>
90°	<b>725,4</b>	<b>583,0</b>	<b>497,4</b>	<b>453,1</b>	<b>424,7</b>	<b>411,5</b>	<b>388,5</b>
110°	<b>728,5</b>	<b>574,4</b>	<b>491,6</b>	<b>448,3</b>	<b>419,7</b>	<b>398,0</b>	<b>362,3</b>
120°	<b>761,8</b>	<b>598,4</b>	<b>505,3</b>	<b>458,8</b>	<b>428,3</b>	<b>405,7</b>	<b>369,3</b>
135°	<b>871,9</b>	<b>672,6</b>	<b>559,9</b>	<b>493,0</b>	<b>453,9</b>	<b>426,7</b>	<b>387,8</b>
150°	<b>1036,3</b>	<b>789,8</b>	<b>647,4</b>	<b>554,9</b>	<b>495,6</b>	<b>458,5</b>	<b>410,8</b>
Run VMG	<b>1196,6</b>	<b>912,0</b>	<b>747,3</b>	<b>639,7</b>	<b>561,1</b>	<b>507,2</b>	<b>441,6</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1305,5</b>	<b>1011,3</b>	<b>844,7</b>	<b>737,3</b>	<b>665,9</b>	<b>621,9</b>	<b>571,9</b>
Circular Random	<b>1009,4</b>	<b>787,4</b>	<b>661,8</b>	<b>584,4</b>	<b>534,4</b>	<b>500,9</b>	<b>459,4</b>
Ocean for PCS	<b>1079,1</b>	<b>822,8</b>	<b>674,6</b>	<b>580,8</b>	<b>518,2</b>	<b>474,4</b>	<b>416,4</b>
Non Spinnaker	<b>1066,7</b>	<b>829,0</b>	<b>693,6</b>	<b>609,5</b>	<b>554,6</b>	<b>517,5</b>	<b>471,3</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>47,9°</b>	<b>46,7°</b>	<b>45,9°</b>	<b>46,3°</b>	<b>44,8°</b>	<b>43,8°</b>	<b>42,9°</b>
Beat VMG	<b>2,61</b>	<b>3,33</b>	<b>3,90</b>	<b>4,40</b>	<b>4,79</b>	<b>4,99</b>	<b>5,19</b>
52°	<b>4,18</b>	<b>5,30</b>	<b>6,20</b>	<b>6,92</b>	<b>7,40</b>	<b>7,69</b>	<b>7,93</b>
60°	<b>4,62</b>	<b>5,77</b>	<b>6,76</b>	<b>7,38</b>	<b>7,86</b>	<b>8,19</b>	<b>8,43</b>
75°	<b>5,04</b>	<b>6,25</b>	<b>7,20</b>	<b>7,79</b>	<b>8,25</b>	<b>8,62</b>	<b>9,11</b>
90°	<b>4,96</b>	<b>6,18</b>	<b>7,24</b>	<b>7,95</b>	<b>8,48</b>	<b>8,75</b>	<b>9,27</b>
110°	<b>4,94</b>	<b>6,27</b>	<b>7,32</b>	<b>8,03</b>	<b>8,58</b>	<b>9,05</b>	<b>9,94</b>
120°	<b>4,73</b>	<b>6,02</b>	<b>7,12</b>	<b>7,85</b>	<b>8,41</b>	<b>8,87</b>	<b>9,75</b>
135°	<b>4,13</b>	<b>5,35</b>	<b>6,43</b>	<b>7,30</b>	<b>7,93</b>	<b>8,44</b>	<b>9,28</b>
150°	<b>3,47</b>	<b>4,56</b>	<b>5,56</b>	<b>6,49</b>	<b>7,26</b>	<b>7,85</b>	<b>8,76</b>
Run VMG	<b>3,01</b>	<b>3,95</b>	<b>4,82</b>	<b>5,63</b>	<b>6,42</b>	<b>7,10</b>	<b>8,15</b>
Gybe Angles	<b>145,9°</b>	<b>147,6°</b>	<b>152,8°</b>	<b>155,1°</b>	<b>161,9°</b>	<b>177,8°</b>	<b>179,9°</b>