



World Leader in Rating Technology

## 2011 ORC Club Certificate

### Rating Office

Hellenic Sailing Federation  
Offshore Committee  
Επιτροπή  
Ανοικτής Θαλάσσης  
Ελληνικής  
Ιστιοπλοϊκής Ομοσπονδίας



### Certificate

Number **000519**  
Issued On **19/5/2011**  
ORC Ref **GRE00019047**  
VPP Ver. **2011 1.02**  
Valid until **1/3/2012**

### Crew Weight

Declared **450 kg**  
Default\* **587 kg**  
Non Manual Power **No**

### Special Scoring

	ToD	ToT
Double Handed	796,2	0,7536
Non Spinnaker	792,6	0,7570
N/S Perf. Line	22,3	0,567

### Sails Limitations

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

### Spinnaker configuration

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

### Stability

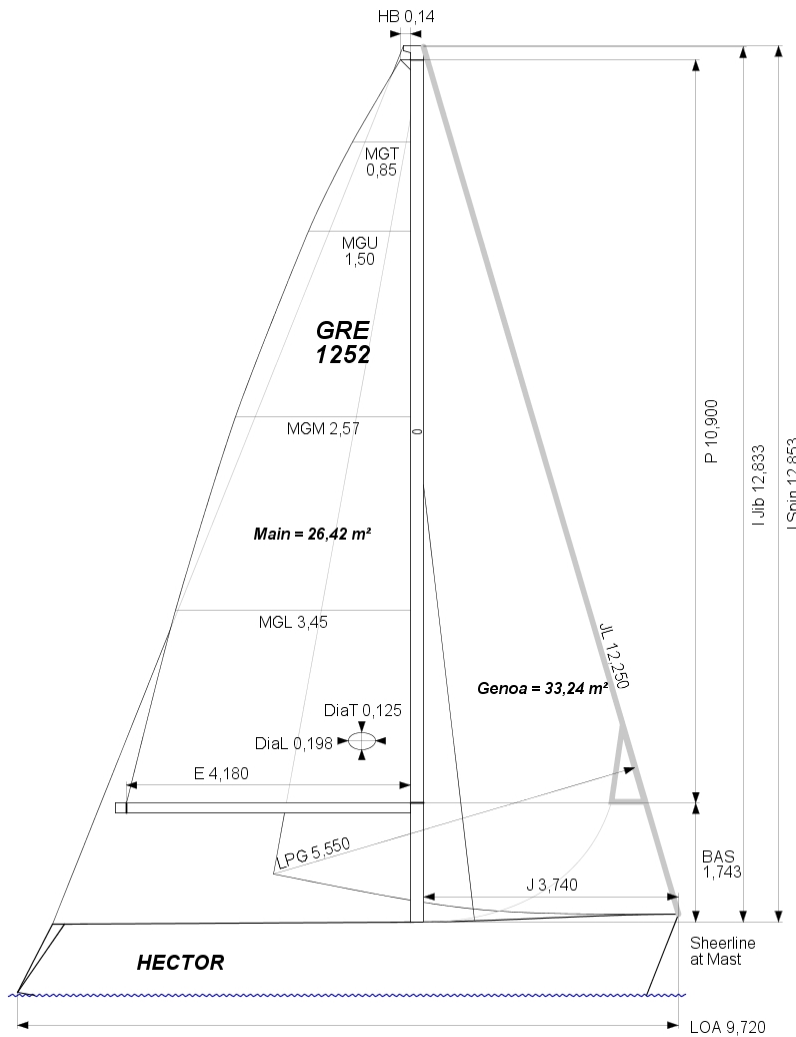
LPS (Estimated): **103,5°**  
Stability Index: **103,1**  
OSR Category: **N/A**

### Owner

MYRSINIAS ELEFTH &  
MYRSINIAS EVANG  
AER. GIANNARELLI 50  
81100 MYTILINI, HELLAS  
LOIATH

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

Signature



BOAT	GPH	HULL
Name <b>HECTOR</b> Sail Nr <b>GRE-1252</b>	<b>792,6</b>	Data File <b>GR1252.dxt</b> LOA <b>9,720 m</b> Offset File <b>OCEA321.off</b> MB <b>3,466 m</b> Displacement <b>4.921 kg</b> Draft <b>1,327 m</b>
CLASS		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>1,273%</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 <b>65,0</b> Anchor LCG <b>0,80</b>
Class <b>OCEANIS 321</b> Designer <b>FINOT</b> Builder <b>BENETEAU</b> Series <b>01/1995</b> Age Date <b>01/1995</b> Age Allowance <b>0,975%</b>		IMS L <b>9,145</b> Wetted Area <b>23,15 m²</b> VCGM <b>0,262</b>
COMMENTS		
PROPELLER		CENTERBOARD
Installation <b>Shaft</b> PRD <b>0,420</b> Type <b>Solid 3 blades</b>		<b>N/A</b>

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	<b>792,6</b>			<b>877,7</b>	
Time On Time	<b>0,7570</b>			<b>0,7691</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0,567</b>	<b>22,3</b>		<b>0,545</b>	<b>108,3</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0,7049</b>	<b>0,9779</b>	<b>1,1445</b>	<b>0,5307</b>	<b>0,7608</b>	<b>0,9158</b>



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## ORC Club Certificate Appendix

<b>BOAT</b>	
Name	<b>HECTOR</b>
Sail Nr	<b>GRE-1252</b>
Certificate Number	<b>000519</b>
Issued On	<b>19/5/2011</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1488,4</b>	<b>1199,4</b>	<b>1051,7</b>	<b>973,0</b>	<b>927,0</b>	<b>900,3</b>	<b>893,3</b>
52°	<b>921,5</b>	<b>746,8</b>	<b>656,6</b>	<b>611,1</b>	<b>587,4</b>	<b>573,3</b>	<b>563,6</b>
60°	<b>827,4</b>	<b>677,8</b>	<b>603,8</b>	<b>564,2</b>	<b>543,8</b>	<b>532,7</b>	<b>523,2</b>
75°	<b>755,0</b>	<b>626,0</b>	<b>564,9</b>	<b>529,2</b>	<b>505,9</b>	<b>491,0</b>	<b>479,9</b>
90°	<b>760,3</b>	<b>629,6</b>	<b>567,1</b>	<b>529,8</b>	<b>503,8</b>	<b>480,4</b>	<b>456,1</b>
110°	<b>837,7</b>	<b>672,7</b>	<b>588,8</b>	<b>541,7</b>	<b>510,5</b>	<b>486,8</b>	<b>449,2</b>
120°	<b>904,5</b>	<b>718,5</b>	<b>615,7</b>	<b>559,0</b>	<b>522,3</b>	<b>496,1</b>	<b>456,1</b>
135°	<b>1035,0</b>	<b>803,3</b>	<b>673,2</b>	<b>595,8</b>	<b>548,5</b>	<b>516,3</b>	<b>471,8</b>
150°	<b>1189,0</b>	<b>909,8</b>	<b>750,3</b>	<b>648,8</b>	<b>585,3</b>	<b>543,3</b>	<b>490,6</b>
Run VMG	<b>1362,7</b>	<b>1037,2</b>	<b>845,0</b>	<b>721,5</b>	<b>636,8</b>	<b>581,0</b>	<b>513,7</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1447,7</b>	<b>1135,5</b>	<b>962,4</b>	<b>858,3</b>	<b>791,9</b>	<b>749,8</b>	<b>711,4</b>
Circular Random	<b>1136,5</b>	<b>898,2</b>	<b>766,2</b>	<b>686,9</b>	<b>637,2</b>	<b>605,0</b>	<b>568,1</b>
Ocean for PCS	<b>1215,4</b>	<b>939,0</b>	<b>781,1</b>	<b>682,1</b>	<b>615,8</b>	<b>568,5</b>	<b>504,0</b>
Non Spinnaker	<b>1136,5</b>	<b>898,2</b>	<b>766,2</b>	<b>686,9</b>	<b>637,2</b>	<b>605,0</b>	<b>568,1</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>48,9°</b>	<b>48,1°</b>	<b>48,1°</b>	<b>47,6°</b>	<b>46,6°</b>	<b>46,0°</b>	<b>46,9°</b>
Beat VMG	<b>2,42</b>	<b>3,00</b>	<b>3,42</b>	<b>3,70</b>	<b>3,88</b>	<b>4,00</b>	<b>4,03</b>
52°	<b>3,91</b>	<b>4,82</b>	<b>5,48</b>	<b>5,89</b>	<b>6,13</b>	<b>6,28</b>	<b>6,39</b>
60°	<b>4,35</b>	<b>5,31</b>	<b>5,96</b>	<b>6,38</b>	<b>6,62</b>	<b>6,76</b>	<b>6,88</b>
75°	<b>4,77</b>	<b>5,75</b>	<b>6,37</b>	<b>6,80</b>	<b>7,12</b>	<b>7,33</b>	<b>7,50</b>
90°	<b>4,74</b>	<b>5,72</b>	<b>6,35</b>	<b>6,79</b>	<b>7,15</b>	<b>7,49</b>	<b>7,89</b>
110°	<b>4,30</b>	<b>5,35</b>	<b>6,11</b>	<b>6,65</b>	<b>7,05</b>	<b>7,39</b>	<b>8,01</b>
120°	<b>3,98</b>	<b>5,01</b>	<b>5,85</b>	<b>6,44</b>	<b>6,89</b>	<b>7,26</b>	<b>7,89</b>
135°	<b>3,48</b>	<b>4,48</b>	<b>5,35</b>	<b>6,04</b>	<b>6,56</b>	<b>6,97</b>	<b>7,63</b>
150°	<b>3,03</b>	<b>3,96</b>	<b>4,80</b>	<b>5,55</b>	<b>6,15</b>	<b>6,63</b>	<b>7,34</b>
Run VMG	<b>2,64</b>	<b>3,47</b>	<b>4,26</b>	<b>4,99</b>	<b>5,65</b>	<b>6,20</b>	<b>7,01</b>
Gybe Angles	<b>163,7°</b>	<b>167,9°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>