



World Leader in Rating Technology

## 2011 ORC Club Certificate

### Rating Office

Hellenic Sailing Federation  
Offshore Committee  
Επιτροπή  
Ανοικτής Θαλάσσης  
Ελληνικής  
Ιστιοπλοϊκής Ομοσπονδίας



### Certificate

Number **000599**  
Issued On **3/5/2011**  
ORC Ref **GRE00018802**  
VPP Ver. **2011 1.02**  
Valid until **1/3/2012**

### Crew Weight

Declared **500 kg**  
Default\* **495 kg**  
Non Manual Power **No**

### Special Scoring

	ToD	ToT
Double Handed	<b>757,2</b>	<b>0,7924</b>
Non Spinnaker	<b>788,4</b>	<b>0,7610</b>
N/S Perf. Line	<b>56,0</b>	<b>0,609</b>

### Sails Limitations

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

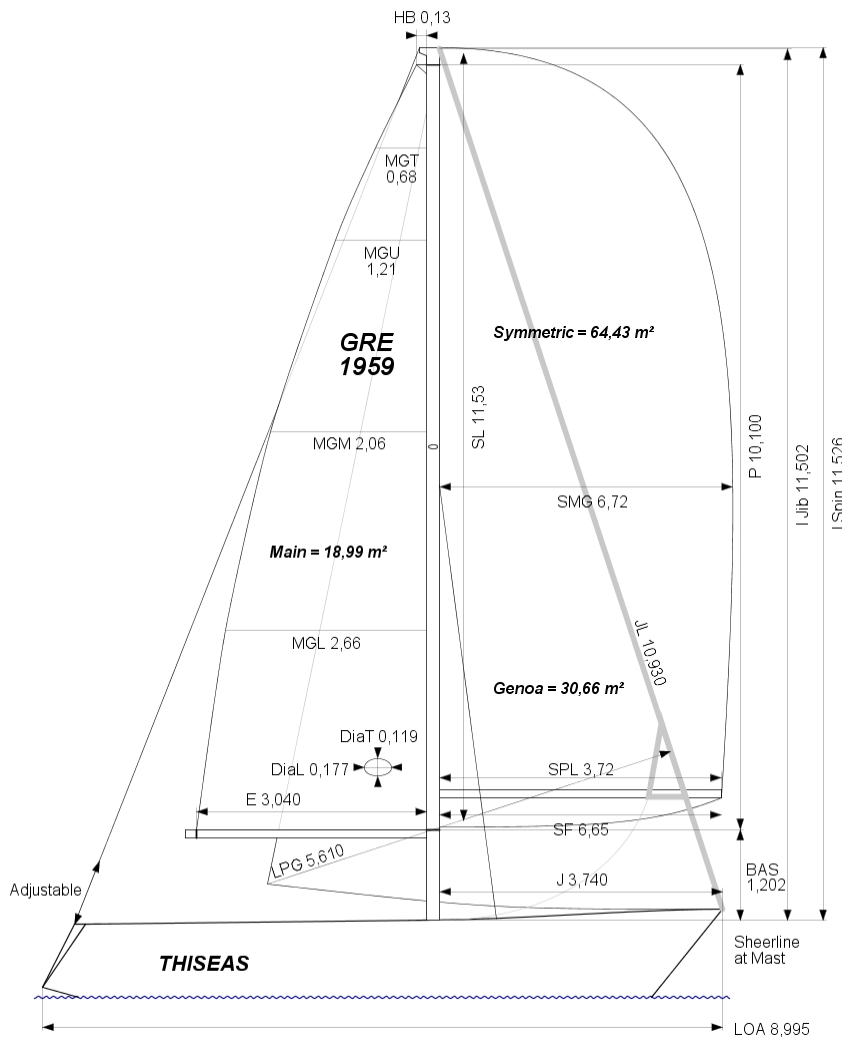
### Spinnaker configuration

Symmetric: **Yes** **64,43**  
Asymmetric: **No**  
Code Zero: **No**  
Spin. Pole: **Yes**

### Stability

LPS (Estimated): **112,6°**  
Stability Index: **112,8**  
OSR Category: **2**

### Owner



BOAT		GPH	HULL	
Name <b>THISEAS</b> Sail Nr <b>GRE-1959</b>		<b>754,4</b>	Data File <b>GR1959.dxt</b>	LOA <b>8,995 m</b>
CLASS			Offset File <b>H168.BOF</b>	MB <b>3,220 m</b>
Class <b>NEREIS (VdSTADT30)</b>			Displacement <b>4.310 kg</b>	Draft <b>1,812 m</b>
Designer <b>VAN DE STADT</b>			IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0,891%</b>
Builder <b>AKROPOROS</b>			Fwd Accom. <b>Yes</b>	Construction <b>Solid</b>
Series <b>03/1981</b>			Fiber Rigging <b>No</b>	Aramid Core <b>No</b>
Age Date <b>01/1988</b>			Crew Arm Ex	Carbon Rudder <b>No</b>
Age Allowance <b>0,975%</b>			Anchor Wgt	Anchor LCG
COMMENTS			IMS L <b>7,710</b>	Wetted Area <b>18,86 m²</b>
PROPELLER				VCGM <b>0,101</b>
Installation <b>Shaft</b>		PRD <b>0,350</b>	CENTERBOARD	
Type <b>Solid 3 blades</b>			N/A	

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	<b>754,4</b>			<b>812,7</b>	
Time On Time	<b>0,7954</b>			<b>0,8306</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0,677</b>	<b>88,0</b>		<b>0,632</b>	<b>147,3</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0,7608</b>	<b>1,0211</b>	<b>1,1590</b>	<b>0,5807</b>	<b>0,8281</b>	<b>0,9727</b>



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## ORC Club Certificate Appendix

<b>BOAT</b>	
Name	<b>THISEAS</b>
Sail Nr	<b>GRE-1959</b>
Certificate Number	<b>000599</b>
Issued On	<b>3/5/2011</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1380,2</b>	<b>1112,2</b>	<b>950,5</b>	<b>874,6</b>	<b>836,5</b>	<b>813,7</b>	<b>792,1</b>
52°	<b>878,4</b>	<b>706,5</b>	<b>637,3</b>	<b>603,2</b>	<b>582,0</b>	<b>571,4</b>	<b>560,6</b>
60°	<b>815,3</b>	<b>663,9</b>	<b>613,6</b>	<b>583,4</b>	<b>562,8</b>	<b>550,8</b>	<b>540,3</b>
75°	<b>762,7</b>	<b>638,5</b>	<b>594,7</b>	<b>566,8</b>	<b>546,2</b>	<b>529,8</b>	<b>511,8</b>
90°	<b>772,3</b>	<b>635,2</b>	<b>583,4</b>	<b>553,1</b>	<b>538,2</b>	<b>527,7</b>	<b>503,3</b>
110°	<b>760,9</b>	<b>628,7</b>	<b>578,8</b>	<b>546,3</b>	<b>520,4</b>	<b>499,5</b>	<b>478,9</b>
120°	<b>790,9</b>	<b>641,4</b>	<b>587,9</b>	<b>554,2</b>	<b>528,0</b>	<b>505,5</b>	<b>470,4</b>
135°	<b>887,3</b>	<b>697,7</b>	<b>618,6</b>	<b>577,0</b>	<b>547,7</b>	<b>523,3</b>	<b>483,9</b>
150°	<b>1051,4</b>	<b>816,0</b>	<b>677,0</b>	<b>613,6</b>	<b>575,6</b>	<b>547,8</b>	<b>503,9</b>
Run VMG	<b>1214,1</b>	<b>943,3</b>	<b>777,3</b>	<b>679,2</b>	<b>624,0</b>	<b>586,3</b>	<b>535,5</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1318,5</b>	<b>1039,9</b>	<b>879,0</b>	<b>788,9</b>	<b>739,0</b>	<b>707,7</b>	<b>670,4</b>
Circular Random	<b>1060,8</b>	<b>846,2</b>	<b>730,1</b>	<b>662,6</b>	<b>621,3</b>	<b>594,6</b>	<b>561,5</b>
Ocean for PCS	<b>1130,6</b>	<b>883,5</b>	<b>746,0</b>	<b>663,0</b>	<b>609,9</b>	<b>573,2</b>	<b>522,9</b>
Non Spinnaker	<b>1124,8</b>	<b>890,6</b>	<b>762,2</b>	<b>686,2</b>	<b>639,1</b>	<b>608,6</b>	<b>571,3</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>45,5°</b>	<b>44,6°</b>	<b>43,2°</b>	<b>40,2°</b>	<b>38,9°</b>	<b>37,9°</b>	<b>37,3°</b>
Beat VMG	<b>2,61</b>	<b>3,24</b>	<b>3,79</b>	<b>4,12</b>	<b>4,30</b>	<b>4,42</b>	<b>4,55</b>
52°	<b>4,10</b>	<b>5,10</b>	<b>5,65</b>	<b>5,97</b>	<b>6,19</b>	<b>6,30</b>	<b>6,42</b>
60°	<b>4,42</b>	<b>5,42</b>	<b>5,87</b>	<b>6,17</b>	<b>6,40</b>	<b>6,54</b>	<b>6,66</b>
75°	<b>4,72</b>	<b>5,64</b>	<b>6,05</b>	<b>6,35</b>	<b>6,59</b>	<b>6,80</b>	<b>7,03</b>
90°	<b>4,66</b>	<b>5,67</b>	<b>6,17</b>	<b>6,51</b>	<b>6,69</b>	<b>6,82</b>	<b>7,15</b>
110°	<b>4,73</b>	<b>5,73</b>	<b>6,22</b>	<b>6,59</b>	<b>6,92</b>	<b>7,21</b>	<b>7,52</b>
120°	<b>4,55</b>	<b>5,61</b>	<b>6,12</b>	<b>6,50</b>	<b>6,82</b>	<b>7,12</b>	<b>7,65</b>
135°	<b>4,06</b>	<b>5,16</b>	<b>5,82</b>	<b>6,24</b>	<b>6,57</b>	<b>6,88</b>	<b>7,44</b>
150°	<b>3,42</b>	<b>4,41</b>	<b>5,32</b>	<b>5,87</b>	<b>6,25</b>	<b>6,57</b>	<b>7,14</b>
Run VMG	<b>2,97</b>	<b>3,82</b>	<b>4,63</b>	<b>5,30</b>	<b>5,77</b>	<b>6,14</b>	<b>6,72</b>
Gybe Angles	<b>144,9°</b>	<b>150,7°</b>	<b>152,9°</b>	<b>166,1°</b>	<b>171,8°</b>	<b>173,9°</b>	<b>175,0°</b>