



World Leader in Rating Technology

## 2015 ORC Club Certificate

### Rating Office

Hellenic Sailing Federation  
Offshore Committee  
Επιτροπή  
Ανοικτής Θαλάσσης  
Ελληνικής  
Ιστιοπλοϊκής Ομοσπονδίας



### Certificate

Number **001103**  
Issued On **27/5/2015**  
ORC Ref **GRE01003871**  
VPP Ver. **2015 1.01**  
Valid until **29/2/2016**

### Crew Weight

Declared **739kg**  
Default\* **739kg**  
Non Manual Pwr **No**

### Special Scoring

ToD ToT  
Non Spin GPH **663,2 0,9047**  
Non Spin OSN **637,7 0,9410**  
N/S Perf. Line **51,9 0,719**

### Sails Limitations

Headsails **6** Spinnakers **3**

### Spinnaker configuration

Symmetric: **No**  
Asymmetric: **Yes 91,20**  
Flying H/S: **No**  
Spin. Pole: **No**

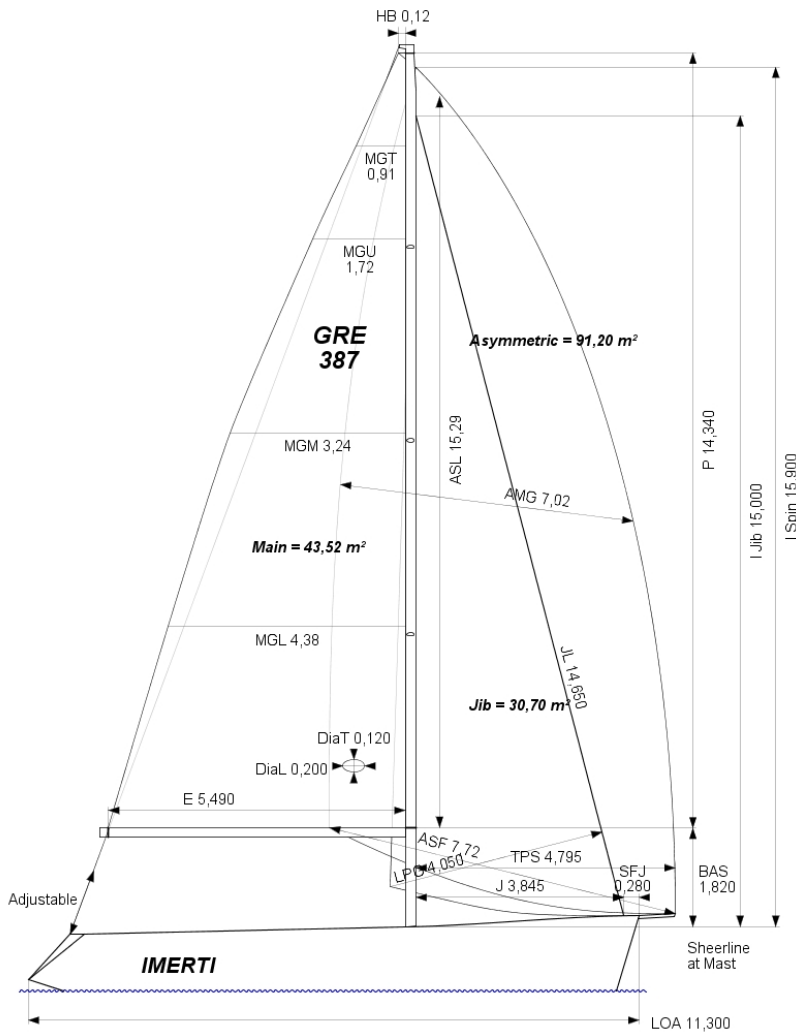
### Class Division Length

CDL = **9,732**

### Stability

LPS (Estimated): **118,6°**  
Stability Index: **123,4**  
OSR Category: **N/A**

### Owner



| BOAT             |                         | GPH                | HULL             |                      |
|------------------|-------------------------|--------------------|------------------|----------------------|
| Name             | <b>IMERTI</b>           | <b>627,3</b>       | Data File        | <b>GR387.dxt</b>     |
| Sail Nr          | <b>GRE-387</b>          |                    | Offset File      | <b>SALONA38BK2.o</b> |
| CLASS            |                         |                    | Displacement     | <b>7.274kg</b>       |
| Class            | <b>SALONA38 DK</b>      |                    | IMS Division     | <b>Cruiser/Racer</b> |
| Designer         | <b>J &amp; J / KERR</b> |                    | Fwd Accom.       | <b>Yes</b>           |
| Builder          | <b>AD BOATS</b>         |                    | Fiber Rigging    | <b>No</b>            |
| Series           | <b>05/2011</b>          |                    | Crew Arm Ex      | <b>No</b>            |
| Age Date         | <b>07/2014</b>          |                    | Dynamic All.     | <b>0,304%</b>        |
| Age Allowance    | <b>0,130%</b>           |                    | Construction     | <b>Cored</b>         |
| COMMENTS         |                         |                    | Aramid Core      | <b>No</b>            |
|                  |                         |                    | Carbon Rudder    | <b>No</b>            |
|                  |                         |                    | Light Stanchions | <b>No</b>            |
|                  |                         |                    | IMSL             | <b>10,586m</b>       |
|                  |                         |                    | VCGD             | <b>-0,015m</b>       |
|                  |                         |                    | Sink             | <b>22,13kg/mm</b>    |
|                  |                         |                    | RL               | <b>8,877m</b>        |
|                  |                         |                    | VCGM             | <b>-0,010m</b>       |
|                  |                         |                    | WS               | <b>30,37m²</b>       |
|                  |                         |                    | Water Ballast    | <b>0</b>             |
|                  |                         |                    | Trim Tab         | <b>No</b>            |
| PROPELLER        |                         |                    | CENTERBOARD      |                      |
| Installation     | <b>Strut</b>            | PRD <b>0,435</b>   | <b>N/A</b>       |                      |
| Type             | <b>Folding 2 blades</b> | PBW <b>0,110</b>   |                  |                      |
|                  |                         | PIPA <b>0,0026</b> |                  |                      |
| SCORING OPTIONS  |                         |                    |                  |                      |
|                  | OFFSHORE                |                    |                  | INSHORE              |
|                  | COASTAL / LONG DISTANCE |                    |                  | WINDWARD / LEEWARD   |
| Time On Distance | <b>609,0</b>            |                    |                  | <b>681,1</b>         |
| Time On Time     | <b>0,9853</b>           |                    |                  | <b>0,9911</b>        |
| Performance Line | PLT                     | PLD                | PLT              | PLD                  |
|                  | <b>0,811</b>            | <b>85,9</b>        | <b>0,742</b>     | <b>135,8</b>         |
| Triple Number    | Low                     | Medium             | High             | Low                  |
|                  | <b>0,9196</b>           | <b>1,2225</b>      | <b>1,3991</b>    | <b>0,7030</b>        |
|                  |                         |                    |                  | Medium               |
|                  |                         |                    |                  | <b>0,9780</b>        |
|                  |                         |                    |                  | High                 |
|                  |                         |                    |                  | <b>1,1701</b>        |



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# 2015

## ORC Club Certificate Appendix

### BOAT

Name **IMERTI**  
Sail Nr **GRE-387**

Certificate Number **001103**  
Issued On **27/5/2015**

### TIME ALLOWANCES

| Wind Velocity | 6 kt          | 8 kt         | 10 kt        | 12 kt        | 14 kt        | 16 kt        | 20 kt        |
|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Beat VMG      | <b>1089,2</b> | <b>893,2</b> | <b>783,9</b> | <b>708,7</b> | <b>671,7</b> | <b>654,0</b> | <b>640,5</b> |
| 52°           | <b>709,3</b>  | <b>592,0</b> | <b>523,4</b> | <b>490,2</b> | <b>474,9</b> | <b>468,3</b> | <b>463,1</b> |
| 60°           | <b>667,2</b>  | <b>559,8</b> | <b>503,1</b> | <b>477,5</b> | <b>463,6</b> | <b>455,3</b> | <b>449,2</b> |
| 75°           | <b>635,3</b>  | <b>535,7</b> | <b>487,4</b> | <b>468,7</b> | <b>453,5</b> | <b>440,6</b> | <b>424,5</b> |
| 90°           | <b>621,6</b>  | <b>518,2</b> | <b>477,3</b> | <b>457,5</b> | <b>449,3</b> | <b>439,0</b> | <b>414,6</b> |
| 110°          | <b>639,5</b>  | <b>524,4</b> | <b>475,9</b> | <b>453,6</b> | <b>433,8</b> | <b>414,2</b> | <b>396,4</b> |
| 120°          | <b>656,1</b>  | <b>538,4</b> | <b>487,3</b> | <b>463,2</b> | <b>443,4</b> | <b>422,5</b> | <b>383,7</b> |
| 135°          | <b>751,5</b>  | <b>609,9</b> | <b>524,7</b> | <b>483,1</b> | <b>461,1</b> | <b>442,5</b> | <b>404,1</b> |
| 150°          | <b>896,8</b>  | <b>712,4</b> | <b>602,5</b> | <b>529,7</b> | <b>488,1</b> | <b>465,4</b> | <b>429,0</b> |
| Run VMG       | <b>1035,6</b> | <b>822,6</b> | <b>696,7</b> | <b>608,1</b> | <b>548,1</b> | <b>507,5</b> | <b>461,6</b> |

### Selected Courses

|                    |               |              |              |              |              |              |              |
|--------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Windward / Leeward | <b>1062,4</b> | <b>857,9</b> | <b>740,3</b> | <b>658,4</b> | <b>609,9</b> | <b>580,7</b> | <b>551,0</b> |
| Circular Random    | <b>877,2</b>  | <b>703,0</b> | <b>607,9</b> | <b>551,5</b> | <b>516,3</b> | <b>493,2</b> | <b>464,7</b> |
| Ocean for PCS      | <b>935,4</b>  | <b>734,6</b> | <b>621,6</b> | <b>552,3</b> | <b>507,1</b> | <b>475,7</b> | <b>432,4</b> |
| Non Spinnaker      | <b>944,5</b>  | <b>749,8</b> | <b>641,7</b> | <b>576,6</b> | <b>535,3</b> | <b>508,2</b> | <b>475,4</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>43,3°</b>  | <b>41,5°</b>  | <b>41,2°</b>  | <b>40,2°</b>  | <b>38,6°</b>  | <b>38,0°</b>  | <b>37,3°</b>  |
| Beat VMG      | <b>3,31</b>   | <b>4,03</b>   | <b>4,59</b>   | <b>5,08</b>   | <b>5,36</b>   | <b>5,50</b>   | <b>5,62</b>   |
| 52°           | <b>5,08</b>   | <b>6,08</b>   | <b>6,88</b>   | <b>7,34</b>   | <b>7,58</b>   | <b>7,69</b>   | <b>7,77</b>   |
| 60°           | <b>5,40</b>   | <b>6,43</b>   | <b>7,16</b>   | <b>7,54</b>   | <b>7,77</b>   | <b>7,91</b>   | <b>8,01</b>   |
| 75°           | <b>5,67</b>   | <b>6,72</b>   | <b>7,39</b>   | <b>7,68</b>   | <b>7,94</b>   | <b>8,17</b>   | <b>8,48</b>   |
| 90°           | <b>5,79</b>   | <b>6,95</b>   | <b>7,54</b>   | <b>7,87</b>   | <b>8,01</b>   | <b>8,20</b>   | <b>8,68</b>   |
| 110°          | <b>5,63</b>   | <b>6,86</b>   | <b>7,56</b>   | <b>7,94</b>   | <b>8,30</b>   | <b>8,69</b>   | <b>9,08</b>   |
| 120°          | <b>5,49</b>   | <b>6,69</b>   | <b>7,39</b>   | <b>7,77</b>   | <b>8,12</b>   | <b>8,52</b>   | <b>9,38</b>   |
| 135°          | <b>4,79</b>   | <b>5,90</b>   | <b>6,86</b>   | <b>7,45</b>   | <b>7,81</b>   | <b>8,14</b>   | <b>8,91</b>   |
| 150°          | <b>4,01</b>   | <b>5,05</b>   | <b>5,98</b>   | <b>6,80</b>   | <b>7,38</b>   | <b>7,73</b>   | <b>8,39</b>   |
| Run VMG       | <b>3,48</b>   | <b>4,38</b>   | <b>5,17</b>   | <b>5,92</b>   | <b>6,57</b>   | <b>7,09</b>   | <b>7,80</b>   |
| Gybe Angles   | <b>143,0°</b> | <b>146,0°</b> | <b>152,9°</b> | <b>154,8°</b> | <b>160,5°</b> | <b>170,0°</b> | <b>176,7°</b> |