



World Leader in Rating Technology

**2014  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **EST711**  
 Issued On **30/5/2014**  
 ORC Ref **EST00000202**  
 VPP Ver. **2014 1.01**  
 Valid until **31/12/2014**

**Crew Weight**

Declared **745 kg**  
 Default\* **725 kg**  
 Non Manual Pwr **No**

**Special Scoring**

|                | ToD          | ToT           |
|----------------|--------------|---------------|
| Double H.GPH   | <b>616,5</b> | <b>0,9732</b> |
| Double H.OSN   | <b>601,0</b> | <b>0,9984</b> |
| Non Spin GPH   | <b>642,7</b> | <b>0,9336</b> |
| Non Spin OSN   | <b>622,7</b> | <b>0,9635</b> |
| N/S Perf. Line | <b>56,8</b>  | <b>0,749</b>  |

**Sails Limitations**

Genoas **0** Spinnakers **3**  
 Jibs **4**

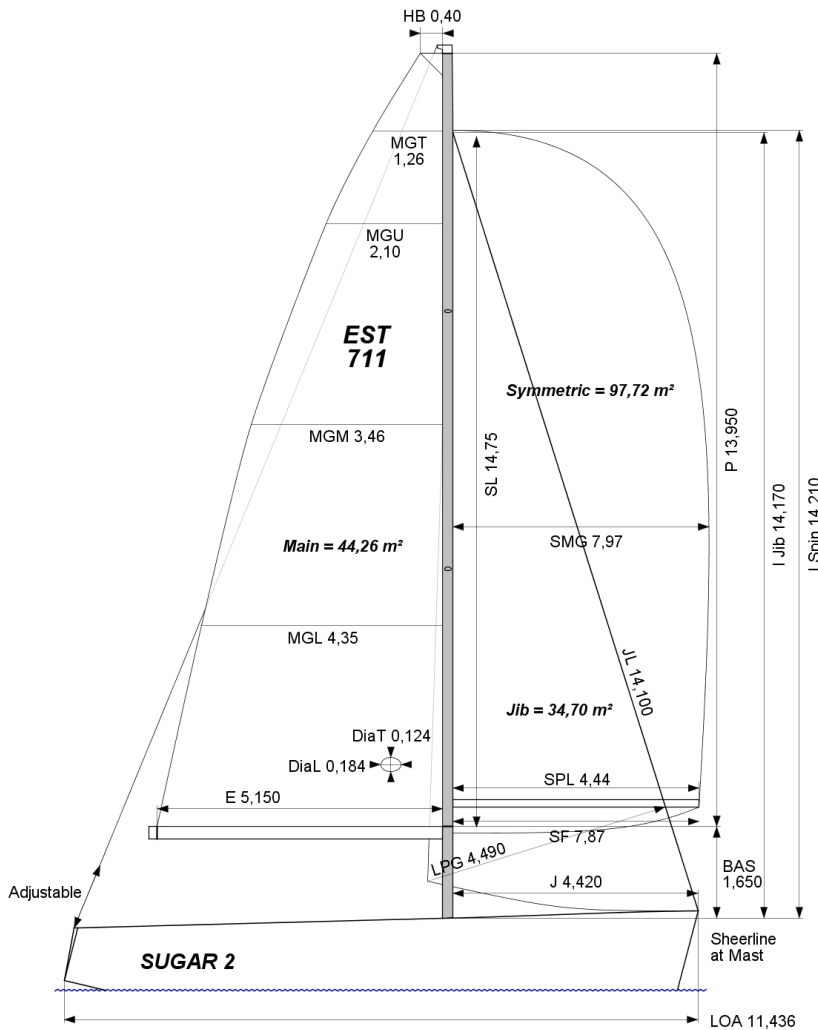
**Spinnaker configuration**

Symmetric: **Yes 97,72**  
 Asymmetric: **No**  
 Flying H/S: **No**  
 Spin. Pole: **Yes**

**Stability**

LPS (Estimated): **113,8°**  
 Stability Index: **115,6**  
 OSR Category: **1**

**Owner**



|   |                    |              |  |                                   |                             |
|---|--------------------|--------------|--|-----------------------------------|-----------------------------|
| <b>BOAT</b>                                   |                    | <b>GPH</b>   |  | <b>HULL</b>                       |                             |
| Name <b>SUGAR 2</b><br>Sail Nr <b>EST-711</b> |                    | <b>613,5</b> |  | Data File <b>(0)</b>              | LOA <b>11,436 m</b>         |
| <b>CLASS</b>                                  |                    |              |  | Offset File <b>NM38SNSK.OFF</b>   | MB <b>3,566 m</b>           |
| Class <b>NM38S</b>                            |                    |              |  | Displacement <b>5.920 kg</b>      | Draft <b>1,986 m</b>        |
| Designer <b>COSSUTTI</b>                      |                    |              |  | IMS Division <b>Cruiser/Racer</b> | Dynamic All. <b>0,160%</b>  |
| Builder <b>NAUTILUS MARINE</b>                |                    |              |  | Fwd Accom. <b>Yes</b>             | Construction <b>Cored</b>   |
| Series <b>09/2010</b>                         |                    |              |  | Fiber Rigging <b>No</b>           | Aramid Core <b>No</b>       |
| Age Date <b>05/2011</b>                       |                    |              |  | Crew Arm Ex                       | Carbon Rudder <b>Yes</b>    |
| Age Allowance <b>0,130%</b>                   |                    |              |  |                                   | Light Stanchions            |
| <b>COMMENTS</b>                               |                    |              |  | IMS L <b>10,601</b>               | Wetted Area <b>27,86 m²</b> |
| ex.Rewind,ITA23230                            |                    |              |  |                                   | VCGM <b>0,137</b>           |
| <b>PROPELLER</b>                              |                    |              |  | <b>CENTERBOARD</b>                |                             |
| Installation <b>Strut</b>                     | PRD <b>0,405</b>   |              |  | <b>N/A</b>                        |                             |
| Type <b>Folding</b>                           | PBW <b>0,108</b>   |              |  |                                   |                             |
|   | PIPA <b>0,0029</b> |              |  |                                   |                             |

|                  | OFFSHORE<br>COASTAL / LONG DISTANCE |                      |                    | INSHORE<br>WINDWARD / LEEWARD |                      |                    |
|------------------|-------------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|
|                  | PLT                                 | PLD                  |                    | PLT                           | PLD                  |                    |
| Time On Distance | <b>596,6</b>                        |                      |                    | <b>669,1</b>                  |                      |                    |
| Time On Time     | <b>1,0056</b>                       |                      |                    | <b>1,0088</b>                 |                      |                    |
| Performance Line | <b>0,822</b>                        | <b>80,1</b>          |                    | <b>0,776</b>                  | <b>151,1</b>         |                    |
| Triple Number    | Low <b>0,9426</b>                   | Medium <b>1,2491</b> | High <b>1,4253</b> | Low <b>0,7174</b>             | Medium <b>0,9994</b> | High <b>1,1814</b> |