

**Rating Office**

**Offshore**  
**Racing**  
**Congress**



**Certificate**

Number **901701**  
Issued On **15/03/2019**  
ORC Ref **ESP00003378**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default **482kg**  
Maximum **482kg**  
Minimum\* **362kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

|              | ToD          | ToT           |
|--------------|--------------|---------------|
| Double H.GPH | <b>697.8</b> | <b>0.8598</b> |
| Double H.OSN | <b>679.1</b> | <b>0.8835</b> |
| Non Spin GPH | <b>715.0</b> | <b>0.8392</b> |
| Non Spin OSN | <b>692.6</b> | <b>0.8663</b> |

**Sails Limitations**

Headsails **1** Spinnakers **3**

**Spinnaker configuration**

Symmetric: **Yes** **54.90**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

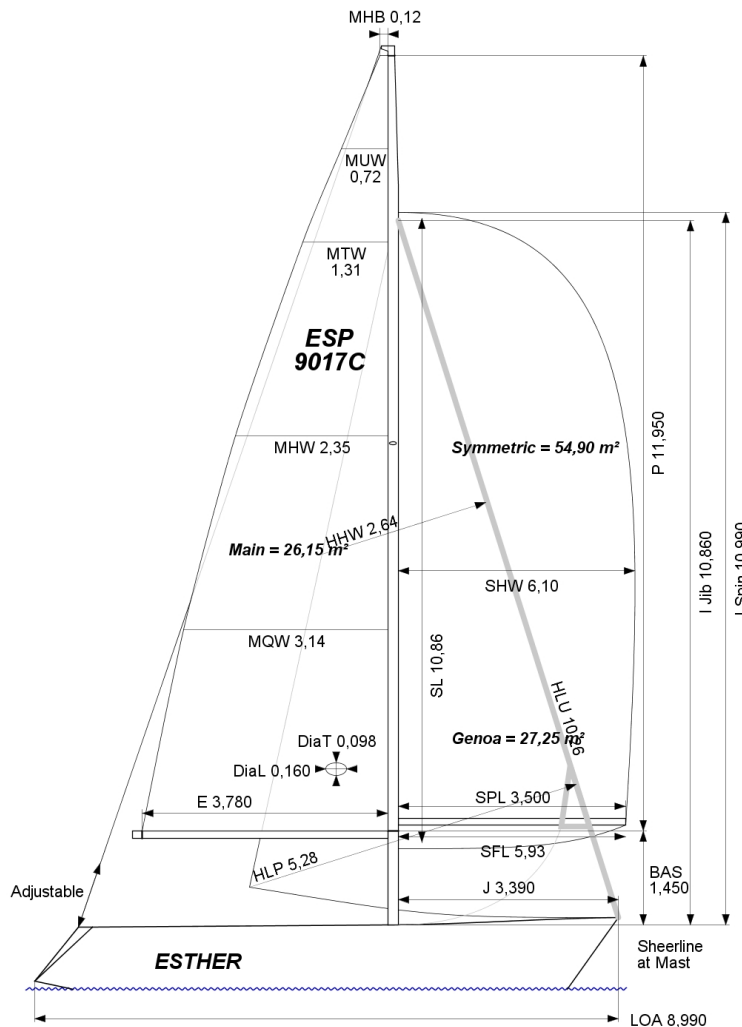
**Class Division Length**

**CDL = 7.563**

**Stability (Estimated)**

Limit Positive Stab.: **123.3°**  
Stability Index: **120.9**

**Owner**



| BOAT                   |                                | GPH           |               | HULL                      |  |               |
|------------------------|--------------------------------|---------------|---------------|---------------------------|--|---------------|
| Name                   | <b>ESTHER</b>                  |               | <b>691.3</b>  | Data File                 | <b>E9017_C</b> LOA <b>8.990m</b>                         |               |
| Sail Nr                | <b>ESP-9017_C</b>              |               |               | Offset File               | <b>fortuna9a.off</b> MB <b>3.248m</b>                    |               |
|                        |                                |               |               | Displacement              | <b>3,712kg</b> Draft <b>1.744m</b>                       |               |
| <b>CLASS</b>           |                                |               |               | IMS Division              | <b>Cruiser/Racer</b> Dynamic All. <b>0.246%</b>          |               |
| Class                  | <b>FORTUNA 9</b>               |               |               | Fwd Accom.                | <b>Yes</b> Construction <b>Solid</b>                     |               |
| Designer               | <b>J. VISIERS</b>              |               |               | Fiber Rigging             | <b>No</b> Aramid Core <b>No</b>                          |               |
| Builder                | <b>LA BORNA</b>                |               |               | Crew Arm Ex               | <b>No</b> Carbon Rudder <b>No</b>                        |               |
| Series                 | <b>12/1989</b>                 |               |               | Light Stanchions          |  |               |
| Age Date               | <b>06/1990</b>                 |               |               | IMSL                      | <b>7.887m</b> VCGD <b>-0.097m</b> Sink <b>13.62kg/mm</b> |               |
| Age Allowance          | <b>0.487%</b>                  |               |               | RL                        | <b>7.238m</b> VCGM <b>-0.122m</b> WS <b>18.69m²</b>      |               |
| <b>COMMENTS</b>        |                                |               |               | LSM0                      | <b>7.786m</b> Displacement/Length ratio <b>7.8644</b>    |               |
|                        |                                |               |               | Water Ballast             | <b>0</b> Trim Tab <b>No</b>                              |               |
|                        |                                |               |               | BLR Index                 | <b>0.0000</b>  |               |
| <b>PROPELLER</b>       |                                |               |               | <b>CENTERBOARD</b>        |  |               |
| Installation           | <b>Strut</b>                   | PRD           | <b>0.384</b>  | <b>NA</b>                 |  |               |
| Type                   | <b>Folding 2 blades</b>        | PBW           | <b>0.101</b>  |                           |  |               |
|                        |                                | PIPA          | <b>0.0030</b> |                           |  |               |
| <b>SCORING OPTIONS</b> |                                |               |               |                           |  |               |
|                        | <b>COASTAL / LONG DISTANCE</b> |               |               | <b>WINDWARD / LEEWARD</b> |  |               |
| Time on Distance       | <b>671.7</b>                   |               |               | <b>743.1</b>              |  |               |
| Time on Time           | <b>0.8933</b>                  |               |               | <b>0.9083</b>             |  |               |
| Triple Number          | Low                            | Medium        | High          | Low                       | Medium   | High          |
| Time on Distance       | <b>789.2</b>                   | <b>613.4</b>  | <b>548.5</b>  | <b>1016.6</b>             | <b>747.5</b>   | <b>648.7</b>  |
| Time on Time           | <b>0.8553</b>                  | <b>1.1004</b> | <b>1.2307</b> | <b>0.6640</b>             | <b>0.9030</b>  | <b>1.0406</b> |