



World Leader in Rating Technology

## 2018 ORC Club Certificate

### Rating Office

Offshore  
Racing  
Congress



### Certificate

Number **EST408**  
 Issued On **16/05/2018**  
 ORC Ref **EST00000116**  
 VPP Ver. **2018 1.00**  
 Valid until **31/12/2018**

### Crew Weight

Default 872kg  
 Maximum **905kg**  
 Minimum\* **679kg**  
*\*when applied by the NoR and SI*  
 Non Manual Pwr **No**

### Special Scoring

	ToD	ToT
Double H.GPH	<b>586.0</b>	<b>1.0239</b>
Double H.OSN	<b>571.2</b>	<b>1.0505</b>
Non Spin GPH	<b>614.7</b>	<b>0.9761</b>
Non Spin OSN	<b>596.0</b>	<b>1.0068</b>

### Sails Limitations

Headsails **6** Spinnakers **4**

**Spinnaker configuration**  
 Symmetric: **Yes** 127.01  
 Asymmetric: **Yes** 99.24  
 Flying H/S: **No**  
 Spin. Pole: **Yes**

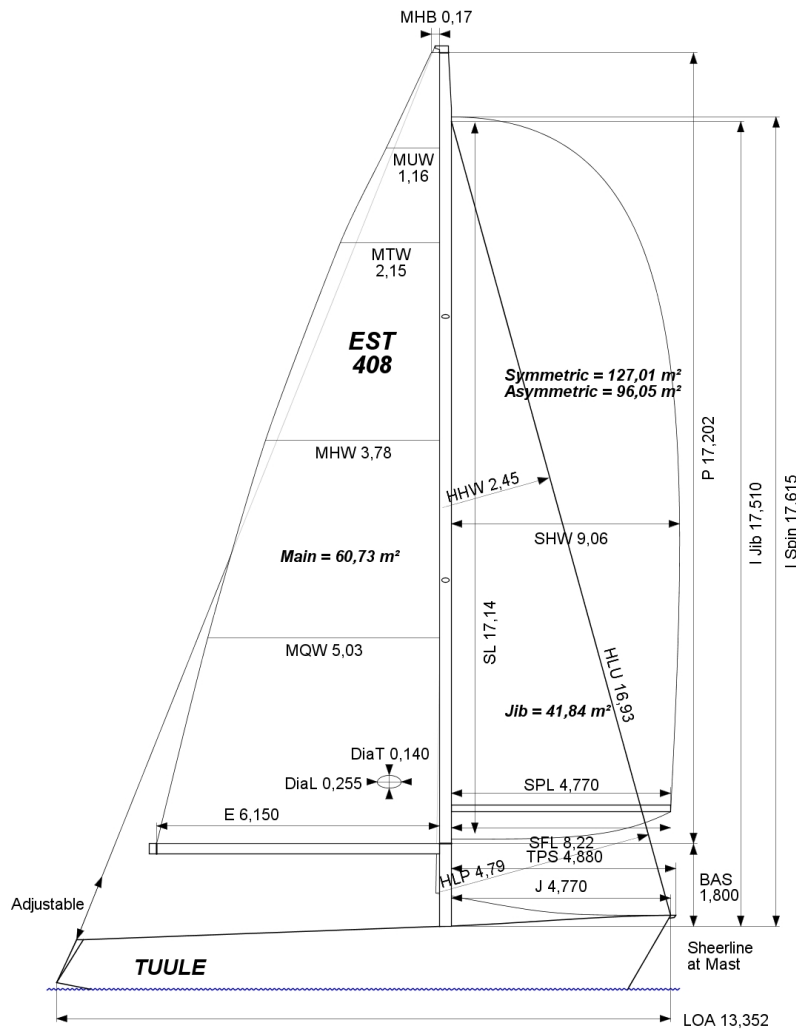
### Class Division Length

**CDL = 10.926**

### Stability (Measured)

Limit Positive Stab.: **107.5°**  
 Stability Index: **113.7**

### Owner



BOAT	GPH	HULL
Name <b>TUULE</b> Sail Nr <b>EST 408</b>	<b>582.3</b>	Data File <b>Est0408</b> LOA <b>13.352m</b> Offset File <b>F231.OFF</b> MB <b>3.968m</b> Displacement <b>9,954kg</b> Draft <b>2.545m</b>
<b>CLASS</b> Class <b>First 44.7</b> Designer <b>B.Farr</b> Builder <b>Beneteau S.A.</b> Series <b>11/2003</b> Age Date <b>05/2006</b> Age Allowance <b>0.487%</b>	IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.202%</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> Light Stanchions	IMS L <b>11.954m</b> VCGD <b>0.205m</b> Sink <b>28.19kg/mm</b> RL <b>9.897m</b> VCGM <b>0.226m</b> WS <b>36.92m<sup>2</sup></b> LSMO <b>11.802m</b> Displacement/Length ratio <b>6.0552</b>
<b>COMMENTS</b>	Water Ballast <b>0</b> Trim Tab <b>No</b> BLR Index <b>0.0000</b>	<b>CENTERBOARD</b>  <b>NA</b>
<b>PROPELLER</b> Installation <b>Strut</b> PRD <b>0.470</b> Type <b>Folding 2 blades</b> PIPA <b>0.0031</b>		
<b>SCORING OPTIONS</b>		
	<b>COASTAL / LONG DISTANCE</b>	<b>WINDWARD / LEEWARD</b>
Time on Distance	<b>565.3</b>	<b>633.1</b>
Time on Time	<b>1.0613</b>	<b>1.0662</b>
Triple Number	Low Medium High	Low Medium High
Time on Distance	<b>672.6 513.9 458.4</b>	<b>869.4 636.8 550.4</b>
Time on Time	<b>1.0036 1.3136 1.4724</b>	<b>0.7764 1.0600 1.2263</b>