



## 2019 ORC Club Certificate

### Rating Office

Offshore  
Racing  
Congress



### Certificate

Number **EST112**  
 Issued On **05/09/2019**  
 ORC Ref **EST00000862**  
 VPP Ver. **2019 1.01**  
 Valid until **31/12/2019**

### Crew Weight

Default 674kg  
 Maximum **720kg**  
 Minimum\* **540kg**  
\*when applied by the NoR and SI  
 Non Manual Pwr **No**

### Special Scoring

	ToD	ToT
Double H.GPH	<b>609.6</b>	<b>0.9843</b>
Double H.OSN	<b>596.1</b>	<b>1.0065</b>
Non Spin GPH	<b>634.7</b>	<b>0.9453</b>
Non Spin OSN	<b>616.9</b>	<b>0.9725</b>

### Sails Limitations

Headsails **5** Spinnakers **3**

### Asymmetric on centerline

Spinnaker configuration  
 Symmetric: **No**  
 Asymmetric: **Yes 127.79**  
 Flying H/S: **No**  
 Spin. Pole: **Yes**

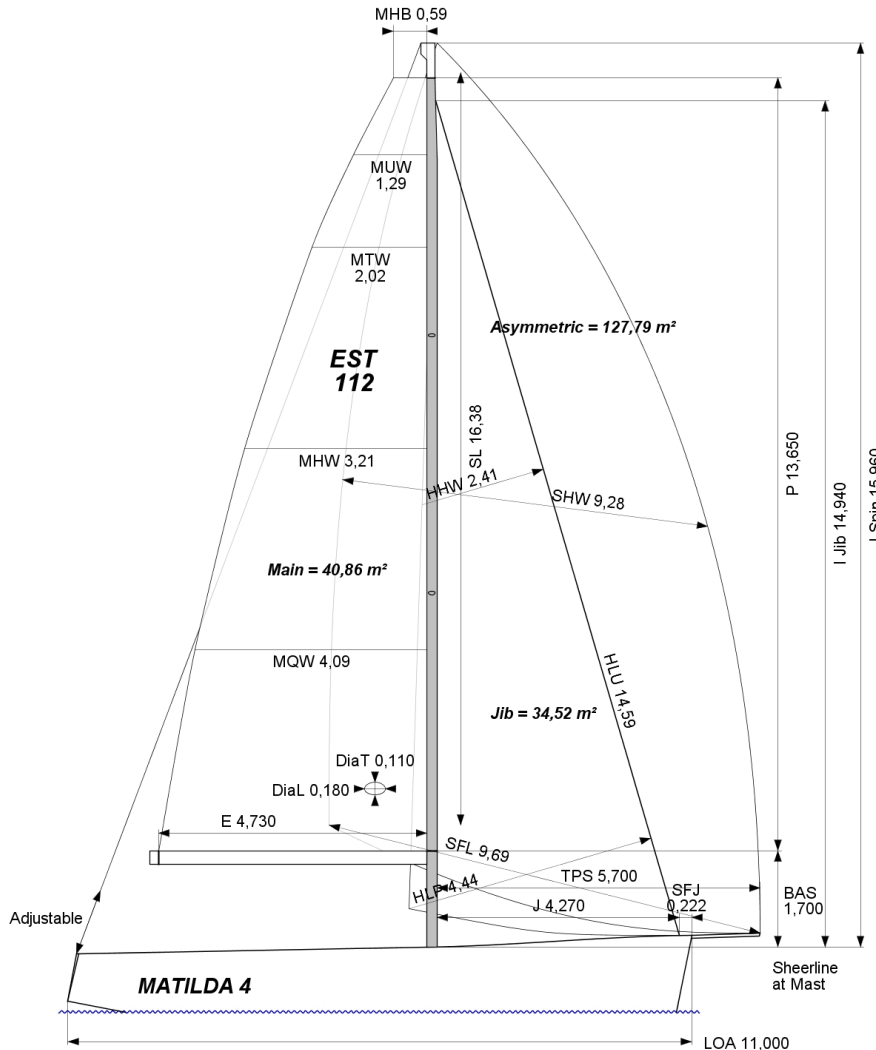
### Class Division Length

**CDL = 9.557**

### Stability (Measured)

Limit Positive Stab.: **115.7°**  
 Stability Index: **114.9**

### Owner



BOAT		GPH	HULL			
Name <b>Matilda 4</b> Sail Nr <b>EST-112</b>		<b>596.8</b>	Data File <b>Est0112</b>	LOA <b>11.000m</b>		
			Offset File <b>J112E NK.off</b>	MB <b>3.596m</b>		
			Displacement <b>5,170kg</b>	Draft <b>2.043m</b>		
			IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.104%</b>		
			Fwd Accom. <b>Yes</b>	Construction <b>Cored</b>		
			Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
			Crew Arm Ex	Carbon Rudder <b>No</b>		
				Light Stanchions <b>No</b>		
			IMSL <b>10.038m</b>	VCGD <b>0.098m</b>	Sink <b>18.79kg/mm</b>	
			RL <b>9.074m</b>	VCGM <b>0.060m</b>	WS <b>25.56m²</b>	
			LSM0 <b>9.851m</b>	Displacement/Length ratio <b>5.4082</b>		
			Water Ballast <b>0</b>	Trim Tab <b>No</b>		
			BLR Index <b>0.0000</b>			
CLASS		CENTERBOARD				
Class <b>J-112E</b>		N/A				
Designer <b>JOHNSTONE</b>						
Builder <b>J-BOATS</b>						
Series <b>10/2015</b>						
Age Date <b>07/2019</b>						
Age Allowance <b>0.130%</b>						
COMMENTS						
PROPELLER						
Installation <b>Strut</b>		PRD <b>0.380</b>				
Type <b>Folding 2 blades</b>		PBW <b>0.100</b>				
		PIPA <b>0.0031</b>				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	<b>581.7</b>			<b>655.0</b>		
Time on Time	<b>1.0315</b>			<b>1.0305</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>676.2</b>	<b>530.1</b>	<b>479.2</b>	<b>876.2</b>	<b>655.3</b>	<b>583.5</b>
Time on Time	<b>0.9982</b>	<b>1.2734</b>	<b>1.4087</b>	<b>0.7704</b>	<b>1.0301</b>	<b>1.1568</b>