



**2018  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **US6098**  
 Issued On **11/05/2018**  
 ORC Ref **USAX018UHL8**  
 VPP Ver. **2018 1.00**  
 Valid until **31/12/2018**

**Crew Weight**

Default 548kg  
 Maximum **629kg**  
 Minimum\* **472kg**  
 \*when applied by the NoR and SI  
 Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
 Non Spin GPH **572.6 1.0479**  
 Non Spin OSN **560.9 1.0697**

**Sails Limitations**

Headsails **5** Spinnakers **3**  
**Asymmetric on centerline**  
**Spinnaker configuration**  
 Symmetric: **No**  
 Asymmetric: **Yes 121.00**  
 Flying H/S: **No**  
 Spin. Pole: **No**

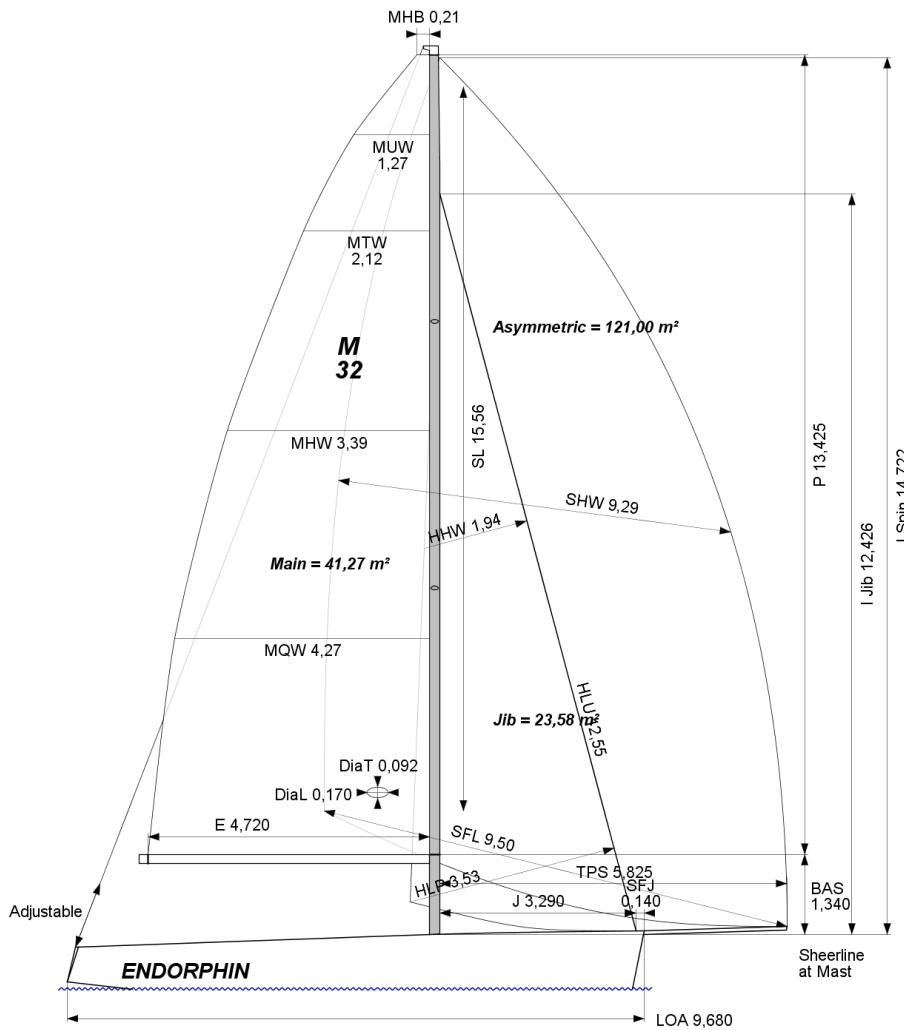
**Class Division Length**

**CDL = 9.505**

**Stability (Estimated)**

Limit Positive Stab.: **126.8°**  
 Stability Index: **120.0**

**Owner**



<b>BOAT</b> Name <b>ENDORPHIN</b> Sail Nr <b>M-32</b>	<b>GPH</b> <b>530.7</b>	<b>HULL</b> Data File <b>US6098</b> LOA <b>9.680m</b> Offset File <b>mel32.OFF</b> MB <b>2.944m</b> Displacement <b>1,642kg</b> Draft <b>2.157m</b>
<b>CLASS</b> Class <b>MELGES 32 ODR</b> Designer <b>RP</b> Builder <b>MELGES</b> Series <b>03/2005</b> Age Date <b>03/2005</b> Age Allowance <b>0.422%</b>		IMS Division <b>Performance</b> Dynamic All. <b>0.001%</b> Fwd Accom. <b>No</b> Construction Fiber Rigging <b>No</b> Aramid Core <b>No</b> Crew Arm Ex Carbon Rudder <b>Yes</b> Light Stanchions
<b>COMMENTS</b>		IMSL <b>8.985m</b> VCGD <b>-0.402m</b> Sink <b>12.06kg/mm</b> RL <b>10.024m</b> VCGM <b>-0.402m</b> WS <b>15.63m²</b> LSM0 <b>8.525m</b> Displacement/Length ratio <b>2.6503</b>
<b>PROPELLER</b> Type <b>No Propeller</b>		Water Ballast <b>0</b> Trim Tab <b>No</b> BLR Index <b>0.0000</b>
		<b>BILGEBOARD</b> BS BT BA BF BX BC BY
<b>SCORING OPTIONS</b>		
	<b>COASTAL / LONG DISTANCE</b>	<b>WINDWARD / LEEWARD</b>
Time on Distance	<b>519.2</b>	<b>584.0</b>
Time on Time	<b>1.1555</b>	<b>1.1559</b>
Triple Number	Low Medium High	Low Medium High
Time on Distance	<b>590.1 479.7 413.7</b>	<b>750.7 596.2 504.2</b>
Time on Time	<b>1.1438 1.4070 1.6316</b>	<b>0.8992 1.1321 1.3388</b>