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**2019  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
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Congress**



**Certificate**

Number **36083**  
Issued On **05/06/2019**  
ORC Ref **DEN00000538**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 787kg  
Maximum **500kg**  
Minimum\* **375kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>601.9</b>	<b>0.9968</b>
Double H.OSN	<b>587.1</b>	<b>1.0220</b>
Non Spin GPH	<b>630.3</b>	<b>0.9519</b>
Non Spin OSN	<b>613.3</b>	<b>0.9783</b>

**Sails Limitations**

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

**Asymmetric on centerline**

**Spinnaker configuration**  
Symmetric: **No**  
Asymmetric: **Yes 118.08**  
Flying H/S: **No**  
Spin. Pole: **No**

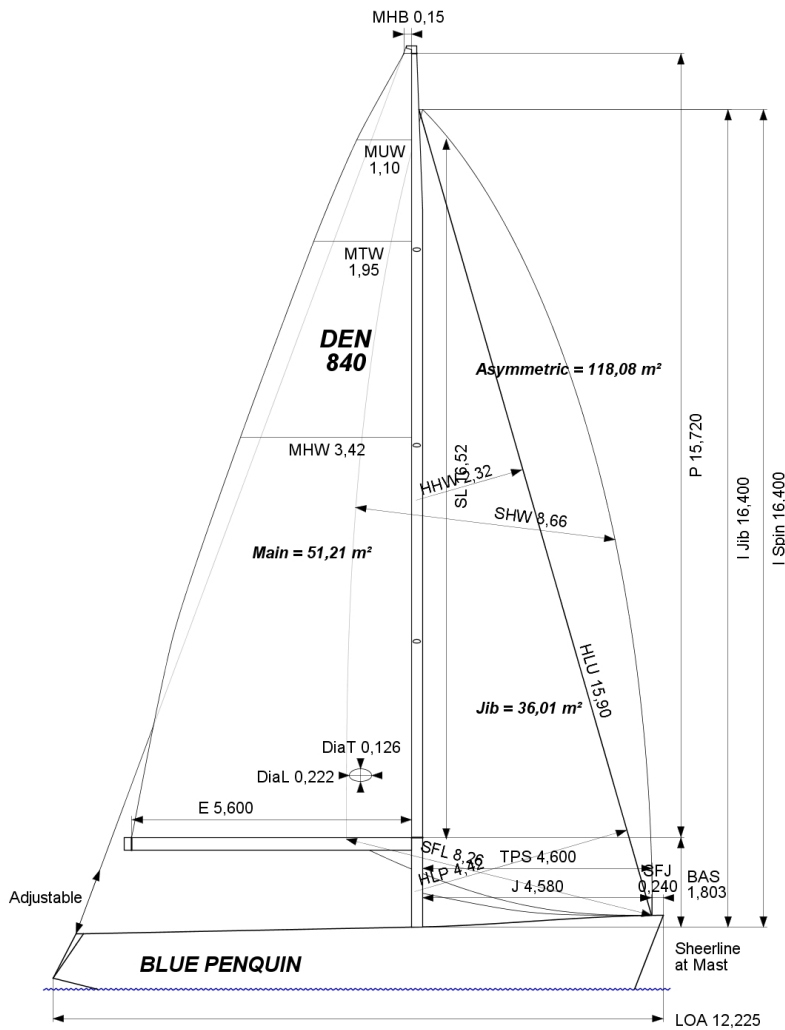
**Class Division Length**

**CDL = 10.100**

**Stability (Estimated)**

Limit Positive Stab.: **124.8°**  
Stability Index: **129.0**

**Owner**



BOAT	GPH	HULL
Name <b>Blue Penquin</b> Sail Nr <b>DEN 840</b>	<b>597.8</b>	Data File <b>36083 - X40 -</b> LOA <b>12.225m</b> Offset File <b>x40stdk.off</b> MB <b>3.764m</b> Displacement <b>7,729kg</b> Draft <b>2.088m</b>
CLASS Class <b>X-40</b> Designer <b>X Yacht</b> Builder <b>X-Yacht</b> Series <b>01/2004</b> Age Date <b>01/2004</b> Age Allowance <b>0.487%</b>	IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.157%</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>10.982m</b> VCGD <b>-0.108m</b> Sink <b>23.12kg/mm</b> RL <b>9.216m</b> VCGM <b>-0.113m</b> WS <b>30.67m²</b> LSM0 <b>10.986m</b> Displacement/Length ratio <b>5.8291</b>	
COMMENTS	Water Ballast <b>0</b> Trim Tab <b>No</b> BLR Index <b>0.0000</b>	
PROPELLER Installation <b>Strut</b> PRD <b>0.406</b> Type <b>Folding 2 blades</b> PIPA <b>0.0006</b>	CENTERBOARD <b>NA</b>	
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	
Time on Distance	<b>582.3</b>	
Time on Time	<b>1.0303</b>	
Triple Number	Low Medium High	Low Medium High
Time on Distance	<b>681.5 529.8 477.3</b>	<b>882.8 658.3 577.9</b>
Time on Time	<b>0.9904 1.2740 1.4143</b>	<b>0.7646 1.0254 1.1681</b>
	WINDWARD / LEEWARD	
Time on Distance	<b>655.3</b>	
Time on Time	<b>1.0301</b>	