



**2019  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **US 639**  
 Issued On **08/05/2019**  
 ORC Ref **USAX026OPNI**  
 VPP Ver. **2019 1.01**  
 Valid until **31/12/2019**

**Crew Weight**

Default 586kg  
 Maximum **586kg**  
 Minimum\* **440kg**  
 \*when applied by the NoR and SI  
 Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
 Non Spin GPH **639.7 0.9379**  
 Non Spin OSN **622.8 0.9634**

**Sails Limitations**

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

**Spinnaker configuration**

Symmetric: **Yes 75.23**  
 Asymmetric: **No**  
 Flying H/S: **No**  
 Spin. Pole: **Yes**

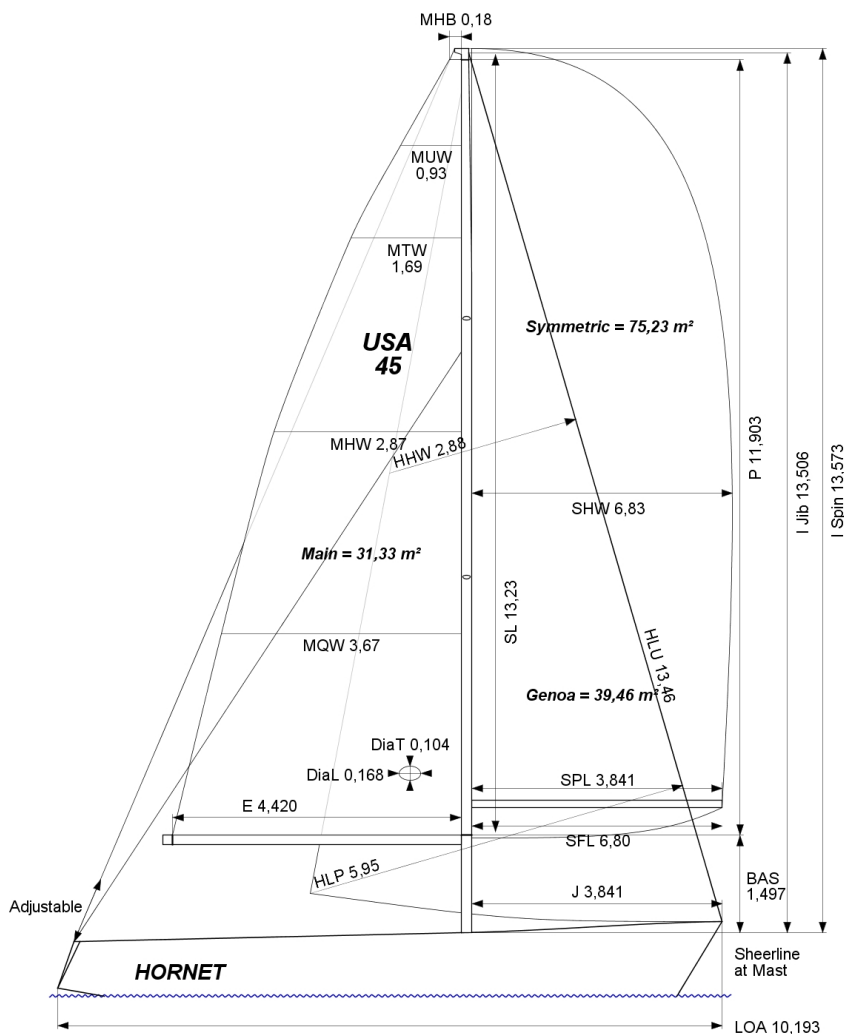
**Class Division Length**

**CDL = 9.023**

**Stability (Estimated)**

Limit Positive Stab.: **114.9°**  
 Stability Index: **111.0**

**Owner**



<b>BOAT</b> Name <b>HORNET</b> Sail Nr <b>USA 45</b>		<b>GPH</b> <b>616.6</b>	<b>HULL</b> Data File <b>US 6398</b> LOA <b>10.193m</b> Offset File <b>US19426.OFF</b> MB <b>3.328m</b> Displacement <b>3,546kg</b> Draft <b>1.903m</b>			
<b>CLASS</b> Class <b>J-33</b> Designer <b>J Boats</b> Builder <b>J Boats</b> Series <b>01/1989</b> Age Date <b>01/1989</b> Age Allowance <b>0.487%</b>		IMS Division <b>Performance</b> Dynamic All. <b>0.000%</b> Fwd Accom. <b>No</b> Construction Fiber Rigging <b>No</b> Aramid Core <b>No</b> Crew Arm Ex <b>0.00</b> Carbon Rudder <b>No</b> Light Stanchions				
<b>COMMENTS</b>		IMSL <b>9.068m</b> VCGD <b>-0.034m</b> Sink <b>15.45kg/mm</b> RL <b>8.977m</b> VCGM <b>-0.046m</b> WS <b>20.45m²</b> LSM0 <b>8.937m</b> Displacement/Length ratio <b>4.9678</b>				
<b>PROPELLER</b> Installation <b>Shaft exposed</b> PRD <b>0.366</b> Type <b>Folding 2 blades</b> PBW <b>0.095</b> PIPA <b>0.0029</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>600.0</b>		<b>667.5</b>			
Time on Time	<b>1.0000</b>		<b>1.0113</b>			
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>695.8</b>	<b>549.5</b>	<b>491.4</b>	<b>894.6</b>	<b>669.9</b>	<b>587.3</b>
Time on Time	<b>0.9701</b>	<b>1.2284</b>	<b>1.3735</b>	<b>0.7545</b>	<b>1.0076</b>	<b>1.1494</b>