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**2019  
ORC Club  
Certificate**

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**Certificate**

Number **US6255**  
Issued On **27/03/2019**  
ORC Ref **USAX0239N8U**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 531kg  
Maximum **525kg**  
Minimum\* **394kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Non Spin GPH	<b>612.7</b>	<b>0.9793</b>
Non Spin OSN	<b>597.2</b>	<b>1.0047</b>

**Sails Limitations**

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

**Spinnaker configuration**  
Symmetric: **Yes** 87.24  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

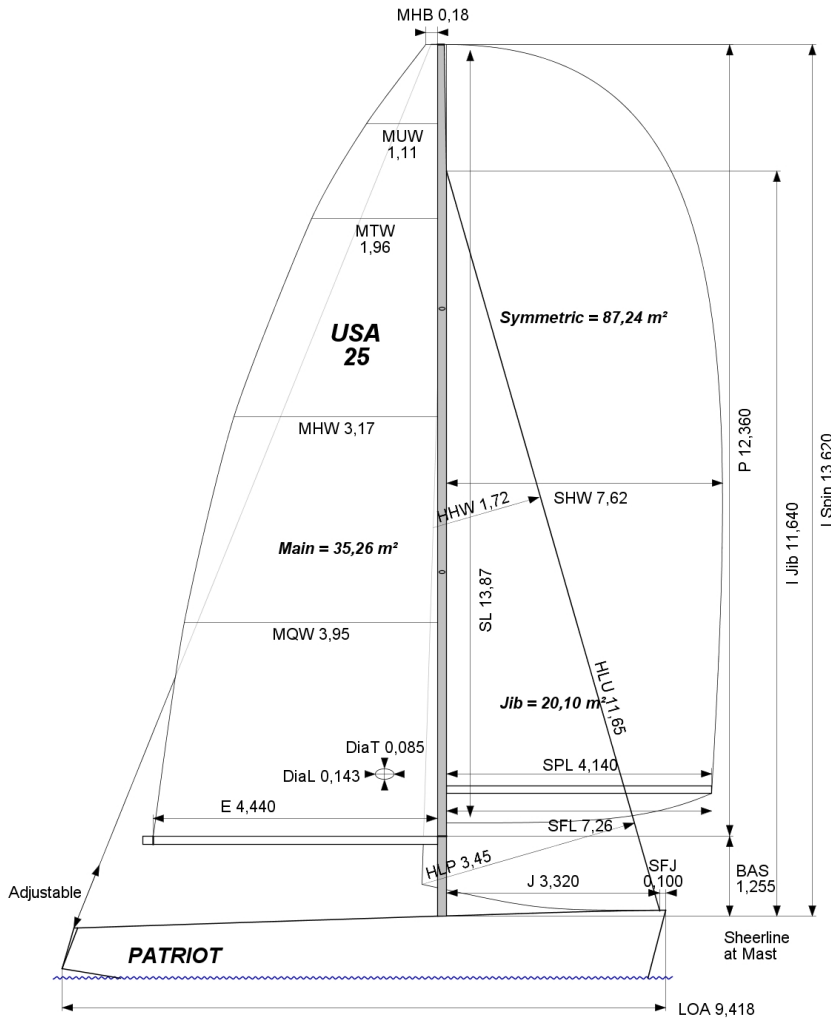
**Class Division Length**

**CDL = 9.045**

**Stability (Measured)**

Limit Positive Stab.: **135.6°**  
Stability Index: **129.0**

**Owner**



BOAT		GPH		HULL			
Name <b>Patriot</b> Sail Nr <b>USA 25</b>		<b>574.0</b>		Data File <b>US6255</b>	LOA <b>9.418m</b>		
				Offset File <b>US30655.OFF</b>	MB <b>3.042m</b>		
				Displacement <b>1,900kg</b>	Draft <b>2.090m</b>		
				IMS Division <b>Performance</b>	Dynamic All. <b>0.001%</b>		
				Fwd Accom. <b>No</b>	Construction <b>Cored</b>		
				Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
				Crew Arm Ex	Carbon Rudder <b>Yes</b>		
					Light Stanchions <b>No</b>		
				IMSL <b>8.695m</b>	VCGD <b>-0.453m</b>	Sink <b>10.94kg/mm</b>	
				RL <b>9.392m</b>	VCGM <b>-0.481m</b>	WS <b>14.71m²</b>	
				LSM0 <b>8.332m</b>	Displacement/Length ratio <b>3.2848</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>PROPELLER</b>			
				Installation <b>Strut</b>	PRD <b>0.352</b>		
				Type <b>Folding 2 blades</b>	PBW <b>0.090</b>		
					PIPA <b>0.0032</b>		
				<b>SCORING OPTIONS</b>			
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>			
Time on Distance	<b>559.2</b>			<b>626.9</b>			
Time on Time	<b>1.0729</b>			<b>1.0767</b>			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	<b>639.0</b>	<b>517.0</b>	<b>452.2</b>	<b>813.5</b>	<b>633.6</b>	<b>550.5</b>	
Time on Time	<b>1.0563</b>	<b>1.3057</b>	<b>1.4926</b>	<b>0.8297</b>	<b>1.0653</b>	<b>1.2261</b>	