

**Rating Office**

**Offshore**  
**Racing**  
**Congress**



**Certificate**

Number **US6255**  
Issued On **12/04/2018**  
ORC Ref **USAX016ID41**  
VPP Ver. **2018 1.00**  
Valid until **31/12/2018**

**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>614.3</b>	<b>0.9767</b>
Non Spin OSN	<b>597.9</b>	<b>1.0035</b>

**Sails Limitations**

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

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

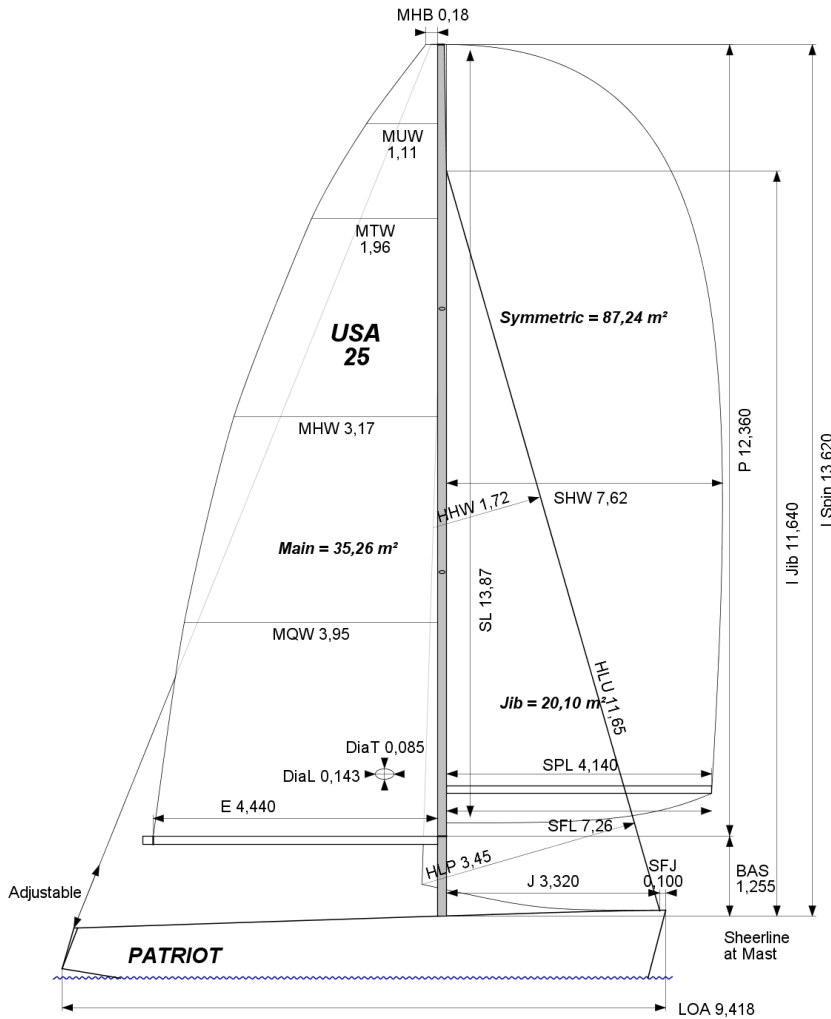
**Class Division Length**

**CDL = 9.026**

**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>575.1</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>		
<b>CLASS</b>			IMS Division <b>Performance</b>	Dynamic All. <b>0.001%</b>		
Class <b>FARR 30</b>			Fwd Accom. <b>No</b>	Construction <b>Cored</b>		
Designer <b>Farr</b>			Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
Builder <b>Carroll</b>			Crew Arm Ex	Carbon Rudder <b>Yes</b>		
Series <b>01/1996</b>				Light Stanchions <b>No</b>		
Age Date <b>01/1996</b>			IMSL <b>8.695m</b>	VCGD <b>-0.453m</b>	Sink <b>10.94kg/mm</b>	
Age Allowance <b>0.487%</b>			RL <b>9.355m</b>	VCGM <b>-0.481m</b>	WS <b>14.71m<sup>2</sup></b>	
<b>COMMENTS</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>PROPELLER</b>			<b>BILGEBOARD</b>			
Installation <b>Strut</b>	PRD <b>0.352</b>		BS	BT	BA	
Type <b>Folding 2 blades</b>	PBW <b>0.090</b>		BF	BX		
	PIPA <b>0.0032</b>		BC	BY		
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>559.8</b>			<b>628.0</b>		
Time on Time	<b>1.0718</b>			<b>1.0749</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>641.6</b>	<b>517.3</b>	<b>452.6</b>	<b>816.0</b>	<b>634.4</b>	<b>551.6</b>
Time on Time	<b>1.0521</b>	<b>1.3048</b>	<b>1.4914</b>	<b>0.8272</b>	<b>1.0640</b>	<b>1.2238</b>