



ORC

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2018
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



World Leader In Rating Technology

Certificate

Number **US6255**
Issued On **03/04/2018**
ORC Ref **USAX015QOPR**
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 **614.3 0.9767**
Non Spin OSN **597.9 1.0035**

Sails Limitations

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

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

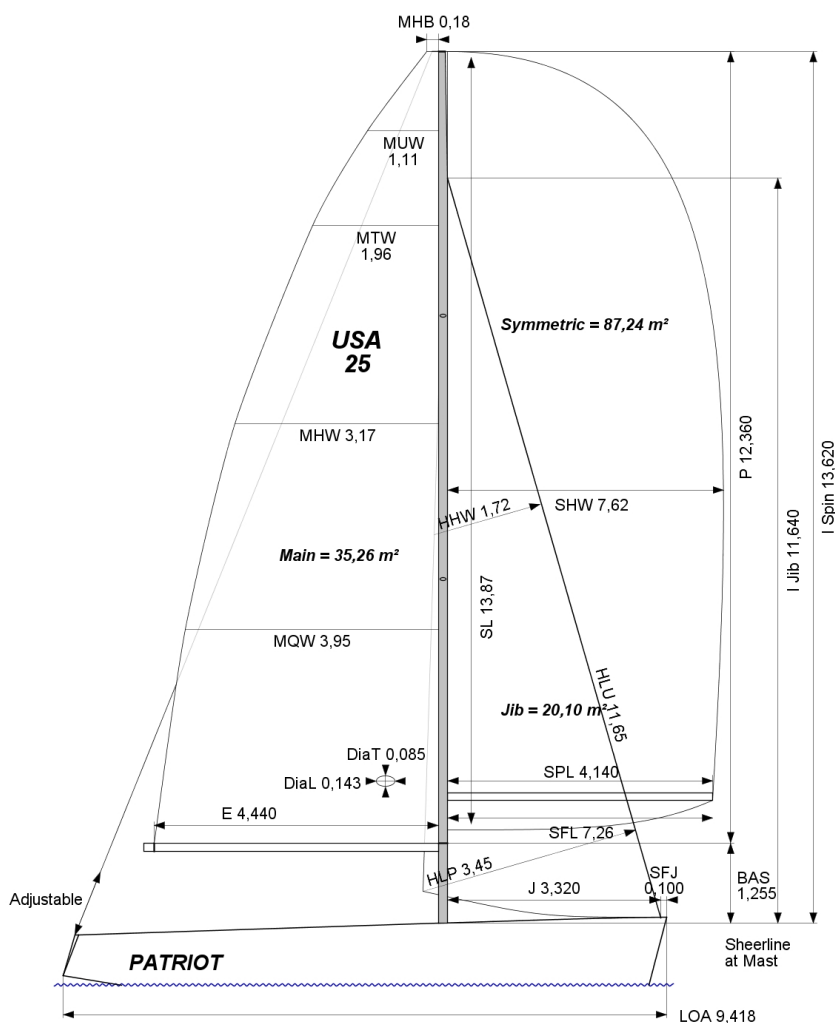
Class Division Length

CDL = 9.026

Stability (Measured)

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

Owner



BOAT		GPH		HULL			
Name	Patriot	575.1	Data File	US6255	LOA	9.418m	
Sail Nr	USA 25		Offset File	US30655.OFF	MB	3.042m	
			Displacement	1,900kg	Draft	2.090m	
			IMS Division	Performance	Dynamic All.	0.001%	
			Fwd Accom.	No	Construction	Cored	
			Fiber Rigging	No	Aramid Core	No	
			Crew Arm Ex		Carbon Rudder	Yes	
					Light Stanchions	No	
			IMSL	8.695m	VCGD	-0.453m Sink 10.94kg/mm	
			RL	9.355m	VCGM	-0.481m WS 14.71m	
			LSM0	8.332m	Displacement/Length ratio 3.2848		
			Water Ballast	0	Trim Tab	No	
			BLR Index	0.0000			
PROPELLER							
Installation	Strut	PRD	0.352				
Type	Folding 2 blades	PBW	0.090				
		PIPA	0.0032				
BILGEBOARD							
	BS	BT	BA				
	BF	BX					
	BC	BY					

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	559.8			628.0		
Time on Time	1.0718			1.0749		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	641.6	517.3	452.6	816.0	634.4	551.6
Time on Time	1.0521	1.3048	1.4914	0.8272	1.0640	1.2238