



**ORC**

Offshore Racing Congress  
World leader in rating technology

**2018  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



World Leader In Rating Technology

**Certificate**

Number **US6262**  
Issued On **12/04/2018**  
ORC Ref **USAX016HOJH**  
VPP Ver. **2018 1.00**  
Valid until **31/12/2018**

**Crew Weight**

Default 645kg  
Maximum **645kg**  
Minimum\* **484kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Non Spin GPH	<b>593.1</b>	<b>1.0116</b>
Non Spin OSN	<b>577.9</b>	<b>1.0383</b>

**Sails Limitations**

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

**Spinnaker configuration**  
Symmetric: **Yes 96.99**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

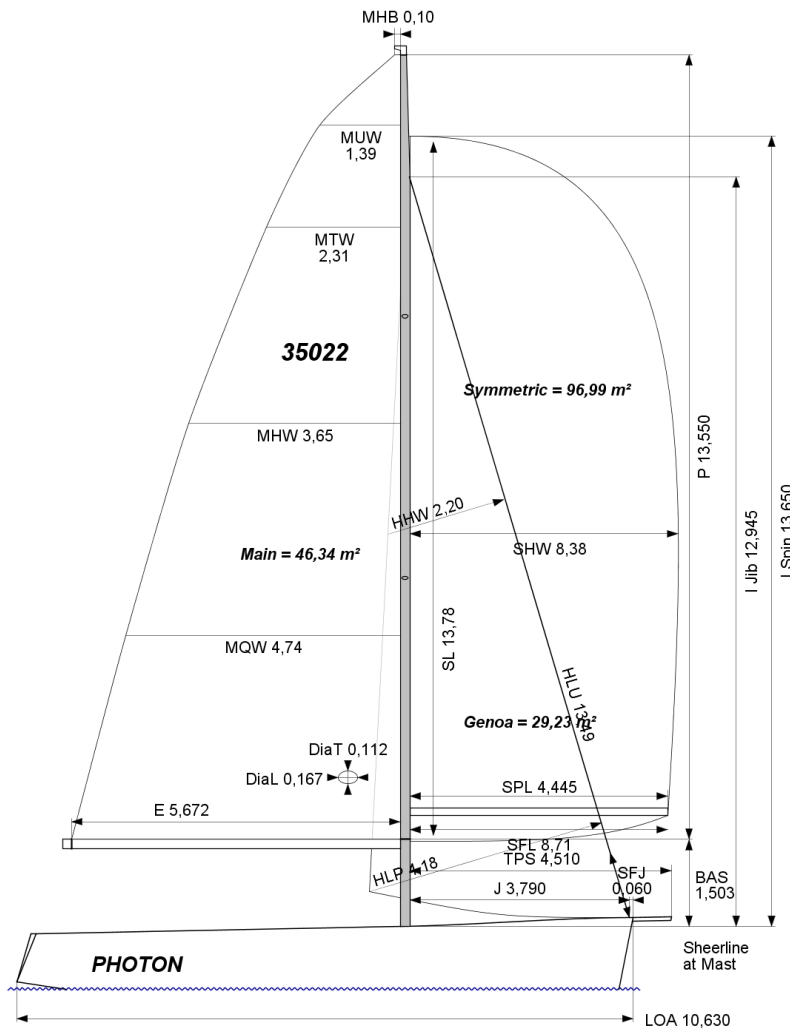
**Class Division Length**

**CDL = 9.969**

**Stability (Estimated)**

Limit Positive Stab.: **125.0°**  
Stability Index: **119.7**

**Owner**



BOAT		GPH		HULL			
Name <b>PHOTON</b> Sail Nr <b>35022</b>		<b>562.1</b>		Data File <b>US6262</b>	LOA <b>10.630m</b>		
				Offset File <b>1D35.OFF</b>	MB <b>3.292m</b>		
				Displacement <b>2,945kg</b>	Draft <b>2.303m</b>		
				IMS Division <b>Performance</b>	Dynamic All. <b>0.000%</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>9.836m</b>	VCGD <b>-0.306m</b>	Sink <b>15.98kg/mm</b>	
				RL <b>10.101m</b>	VCGM <b>-0.203m</b>	WS <b>20.63m²</b>	
				LSM0 <b>9.557m</b>	Displacement/Length ratio <b>3.3738</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>0.384</b>		
				Type <b>Folding 2 blades</b>	PBW <b>0.099</b>		
					PIPA <b>0.0036</b>		
				<b>SCORING OPTIONS</b>			
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>			
Time on Distance	<b>547.4</b>			<b>614.6</b>			
Time on Time	<b>1.0962</b>			<b>1.0983</b>			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	<b>633.1</b>	<b>502.7</b>	<b>441.7</b>	<b>814.1</b>	<b>619.8</b>	<b>538.9</b>	
Time on Time	<b>1.0661</b>	<b>1.3427</b>	<b>1.5283</b>	<b>0.8291</b>	<b>1.0891</b>	<b>1.2526</b>	