



World Leader in Rating Technology

## 2017 ORC Club Certificate

### Rating Office

Offshore  
Racing  
Congress



World Leader In Rating Technology

### Certificate

Number **US6166**  
 Issued On **17/04/2017**  
 ORC Ref **USA00000923**  
 VPP Ver. **2017 1.00**  
 Valid until **28/02/2018**

### Crew Weight

Declared **902kg**  
 Default\* **902kg**  
 Non Manual Pwr **No**

### Special Scoring

ToD ToT  
 Non Spin GPH **591.1 1.0151**  
 Non Spin OSN **576.8 1.0403**

### Sails Limitations

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

### Spinnaker configuration

Symmetric: **No**  
 Asymmetric: **Yes 197.98**  
 Flying H/S: **No**  
 Spin. Pole: **No**

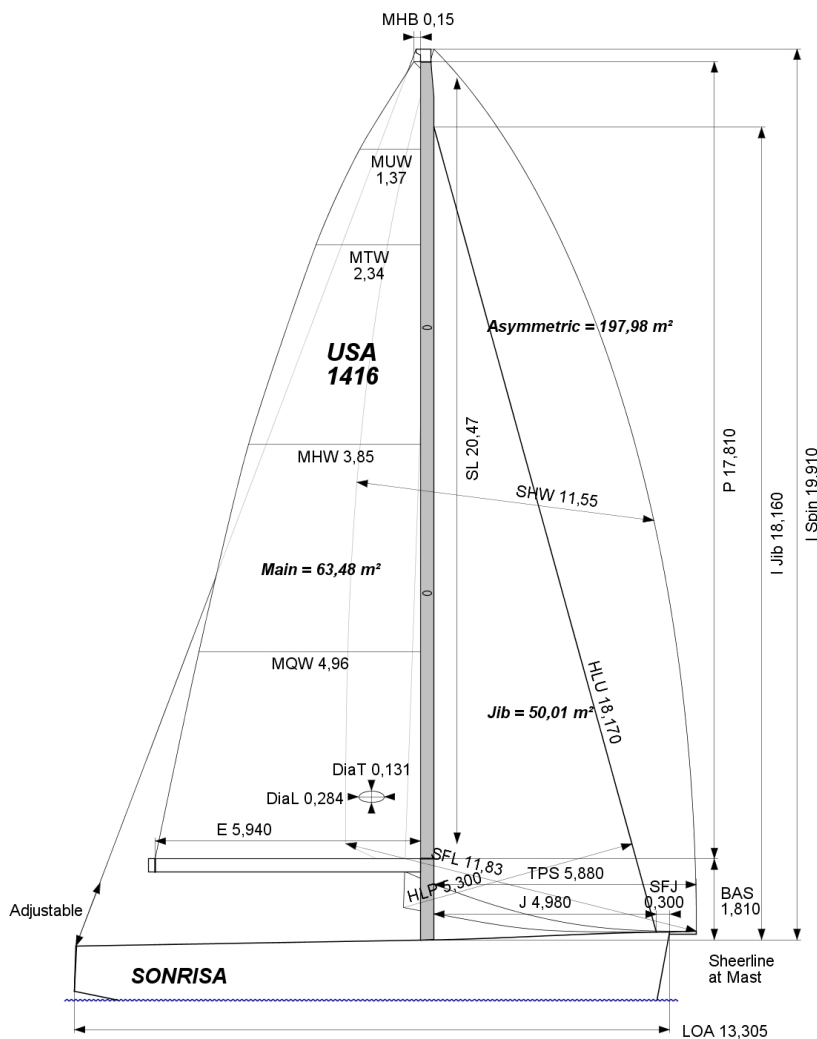
### Class Division Length

CDL = **11.372**

### Stability (Estimated)

Limit Positive Stab.: **125.7°**  
 Stability Index: **130.5**

### Owner



<b>BOAT</b> Name <b>SONRISA</b> Sail Nr <b>USA 1416</b>	<b>GPH</b> <b>554.1</b>	<b>HULL</b> Data File <b>US6166</b> LOA <b>13.305m</b> Offset File <b>XP44SD.OFF</b> MB <b>4.054m</b> Displacement <b>9,380kg</b> Draft <b>2.336m</b>
<b>CLASS</b> Class <b>XP44</b> Designer <b>X-YACHTS</b> Builder <b>X-YACHTS</b> Series <b>05/2011</b> Age Date <b>01/2015</b> Age Allowance <b>0.195%</b>		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.052%</b> Fwd Accom. <b>Yes</b> Construction <b>Cored</b> Fiber Rigging Aramid Core Crew Arm Ex Carbon Rudder Light Stanchions
<b>COMMENTS</b> DATA FROM DISTRAXION+STONY7		IMSL <b>12.310m</b> VCGD <b>-0.106m</b> Sink <b>27.44kg/mm</b> RL <b>10.433m</b> VCGM <b>-0.082m</b> WS <b>36.85m²</b> LSM0 <b>12.091m</b> Displacement/Length ratio <b>5.3066</b>
<b>PROPELLER</b> Installation <b>Strut</b> PRD <b>0.457</b> Type <b>Folding 2 blades</b> PIPA <b>0.0038</b>		Water Ballast <b>0</b> Trim Tab
		<b>CENTERBOARD</b> <b>N/A</b>

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time On Distance	<b>540.1</b>			<b>610.1</b>	
Time On Time	<b>1.1110</b>			<b>1.1064</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>635.3</b>	<b>490.3</b>	<b>438.1</b>	<b>830.1</b>	<b>611.2</b>	<b>535.3</b>
Time on Time	<b>1.0625</b>	<b>1.3767</b>	<b>1.5408</b>	<b>0.8132</b>	<b>1.1044</b>	<b>1.2610</b>