



World Leader in Rating Technology

## 2017 ORC Club Certificate

### Rating Office

Offshore  
Racing  
Congress



World Leader In Rating Technology

### Certificate

Number **027/17**  
 Issued On **24/05/2017**  
 ORC Ref **ROU00076181**  
 VPP Ver. **2017 1.00**  
 Valid until **31/12/2017**

### Crew Weight

Declared **500kg**  
 Default\* **997kg**  
 Non Manual Pwr **No**

### Special Scoring

ToD ToT  
 Non Spin GPH **640.9 0.9362**  
 Non Spin OSN **620.0 0.9677**

### Sails Limitations

Headsails **1** Spinnakers **4**  
**Dacron Sails**  
 Spinnaker configuration  
 Symmetric: **No**  
 Asymmetric: **Yes 138.13**  
 Flying H/S: **No**  
 Spin. Pole: **Yes**

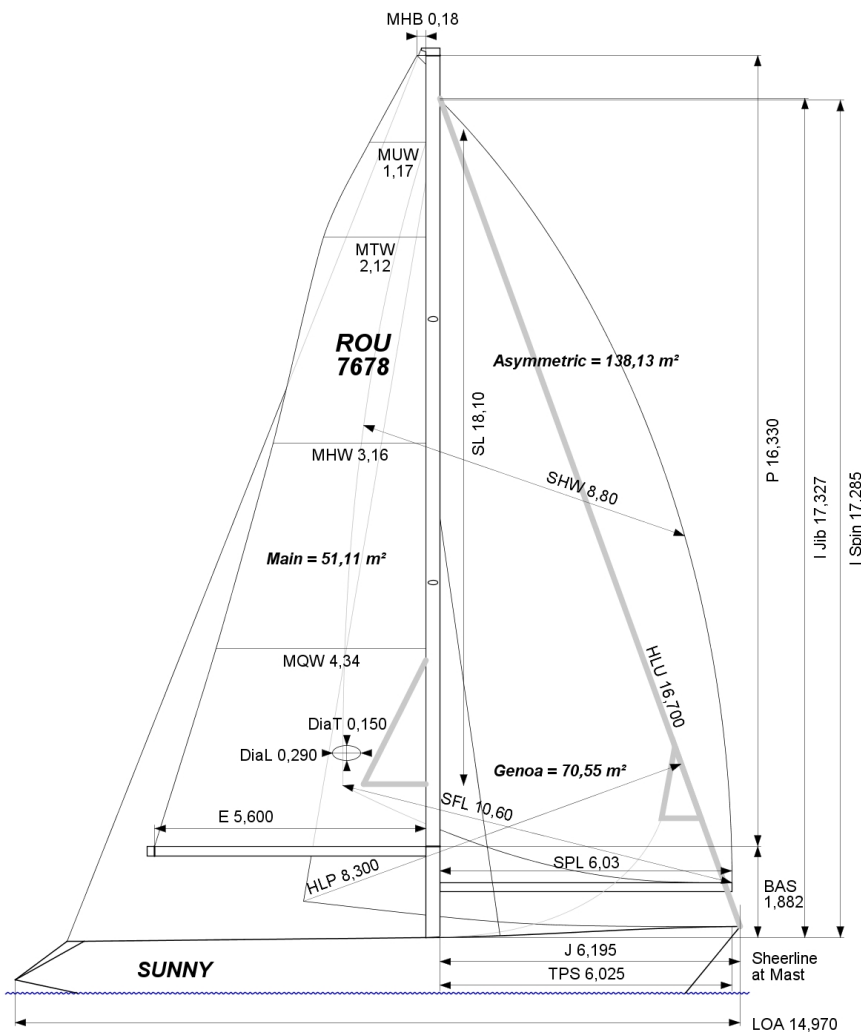
### Class Division Length

**CDL = 10.813**

### Stability (Estimated)

Limit Positive Stab.: **100.1°**  
 Stability Index: **107.1**

### Owner



<b>BOAT</b>		<b>GPH</b>		<b>HULL</b>			
Name <b>Sunny</b>		<b>613.7</b>		Data File <b>ROU7678</b>	LOA <b>14.970m</b>		
Sail Nr <b>ROU 7678</b>				Offset File <b>BAVA49CL.OFF</b>	MB <b>4.486m</b>		
				Displacement <b>13,725kg</b>	Draft <b>2.205m</b>		
<b>CLASS</b>				IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.368%</b>		
Class <b>Bavaria 49</b>				Fwd Accom. <b>Yes</b>	Construction <b>Solid</b>		
Designer <b>Jakopin</b>				Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
Builder <b>Bavaria</b>				Crew Arm Ex	Carbon Rudder <b>No</b>		
Series <b>01/2003</b>					Light Stanchions <b>No</b>		
Age Date <b>06/2003</b>				IMSL <b>12.867m</b>	VCGD <b>-0.096m</b>	Sink <b>34.70kg/mm</b>	
Age Allowance <b>0.455%</b>				RL <b>8.757m</b>	VCGM <b>0.215m</b>	WS <b>44.69m<sup>2</sup></b>	
<b>COMMENTS</b>				LSM0 <b>12.967m</b>	Displacement/Length ratio <b>6.2950</b>		
				Water Ballast <b>0</b>	Trim Tab <b>No</b>		
<b>PROPELLER</b>				<b>CENTERBOARD</b>			
Installation <b>Shaft exposed</b>	PRD <b>0.450</b>			<b>N/A</b>			
Type <b>Solid 3 blades</b>	PIPA <b>0.0252</b>						

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time On Distance	<b>593.8</b>			<b>669.8</b>	
Time On Time	<b>1.0105</b>			<b>1.0077</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>737.6</b>	<b>536.2</b>	<b>455.6</b>	<b>970.7</b>	<b>681.0</b>	<b>552.4</b>
Time on Time	<b>0.9151</b>	<b>1.2588</b>	<b>1.4816</b>	<b>0.6954</b>	<b>0.9912</b>	<b>1.2220</b>