

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **US6144**  
Issued On **09/04/2019**  
ORC Ref **USAX024BS47**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 657kg  
Maximum **488kg**  
Minimum\* **366kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Non Spin GPH	<b>674.1</b>	<b>0.8901</b>
Non Spin OSN	<b>650.3</b>	<b>0.9227</b>

**Sails Limitations**

Headsails **5** Spinnakers **3**  
**Dacron Sails**  
**Asymmetric on centerline**  
**Spinnaker configuration**  
Symmetric: **No**  
Asymmetric: **Yes 87.17**  
Flying H/S: **No**  
Spin. Pole: **No**

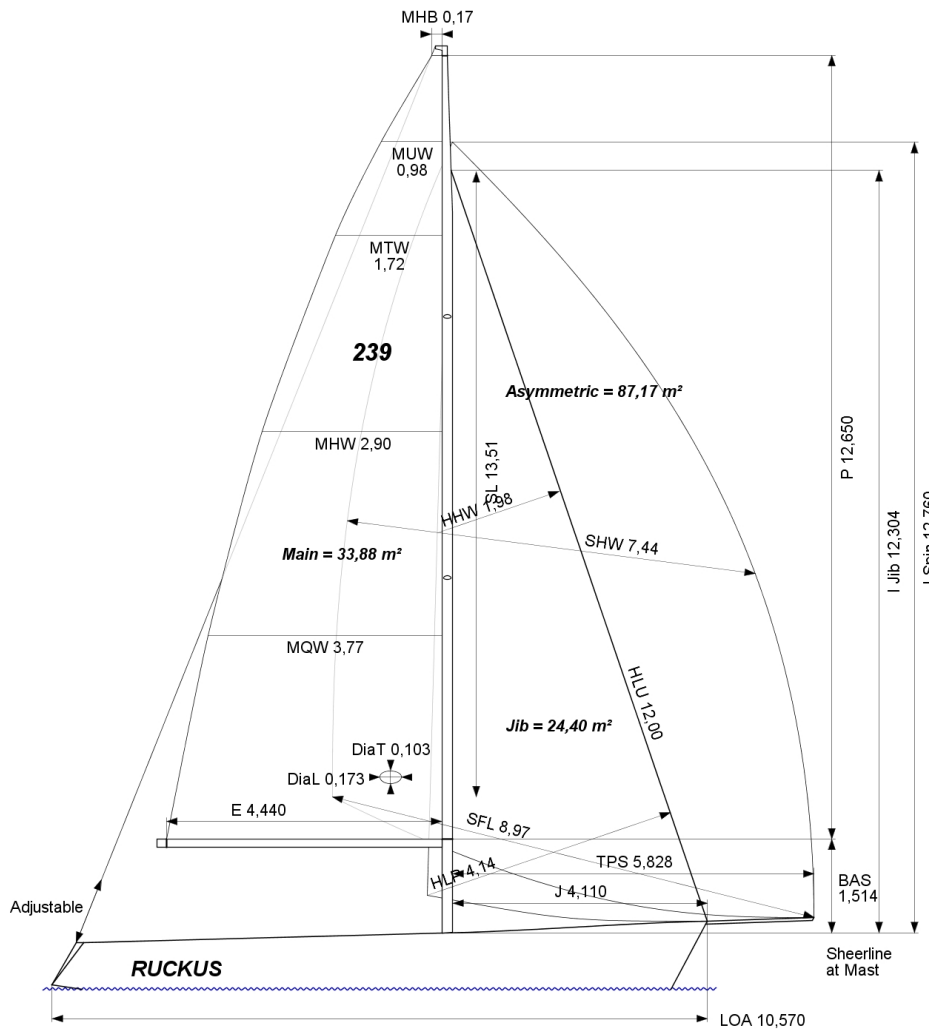
**Class Division Length**

**CDL = 9.130**

**Stability (Estimated)**

Limit Positive Stab.: **114.8°**  
Stability Index: **113.3**

**Owner**



BOAT	GPH	HULL
Name <b>Ruckus</b> Sail Nr <b>239</b>	<b>629.8</b>	Data File <b>US6144</b> LOA <b>10.570m</b> Offset File <b>H204.OFF</b> MB <b>3.346m</b> Displacement <b>4,124kg</b> Draft <b>2.018m</b>
<b>CLASS</b> Class <b>J-105</b> Designer <b>JOHNSTONE</b> Builder <b>JBOATS</b> Series <b>01/1999</b> Age Date <b>01/1999</b> Age Allowance <b>0.487%</b>		IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.182%</b> Fwd Accom. <b>Yes</b> Construction <b>Cored</b> Fiber Rigging <b>No</b> Aramid Core <b>No</b> Crew Arm Ex Carbon Rudder <b>No</b> Light Stanchions <b>No</b>
<b>COMMENTS</b>		IMSL <b>9.732m</b> VCGD <b>-0.078m</b> Sink <b>17.45kg/mm</b> RL <b>8.526m</b> VCGM <b>-0.108m</b> WS <b>23.19m²</b> LSM0 <b>9.682m</b> Displacement/Length ratio <b>4.5438</b>
<b>PROPELLER</b> Installation <b>Shaft exposed</b> PRD <b>0.381</b> Type <b>Folding 2 blades</b> PBW <b>0.098</b> PIPA <b>0.0042</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>SCORING OPTIONS</b>		
	<b>COASTAL / LONG DISTANCE</b>	<b>WINDWARD / LEEWARD</b>
Time on Distance	<b>610.3</b>	<b>685.0</b>
Time on Time	<b>0.9831</b>	<b>0.9854</b>
Triple Number	Low Medium High	Low Medium High
Time on Distance	<b>726.7 556.5 493.3</b>	<b>941.0 688.8 599.1</b>
Time on Time	<b>0.9289 1.2129 1.3682</b>	<b>0.7173 0.9799 1.1267</b>