



**ORC**

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**2019  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number **0295.1**  
Issued On **30/05/2019**  
ORC Ref **RUS00002055**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 464kg  
Maximum **550kg**  
Minimum\* **413kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>709.3</b>	<b>0.8460</b>
Double H.OSN	<b>690.5</b>	<b>0.8689</b>
Non Spin GPH	<b>729.4</b>	<b>0.8226</b>
Non Spin OSN	<b>704.5</b>	<b>0.8517</b>

**Sails Limitations**

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

**Spinnaker configuration**  
Symmetric: **Yes** **53.29**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

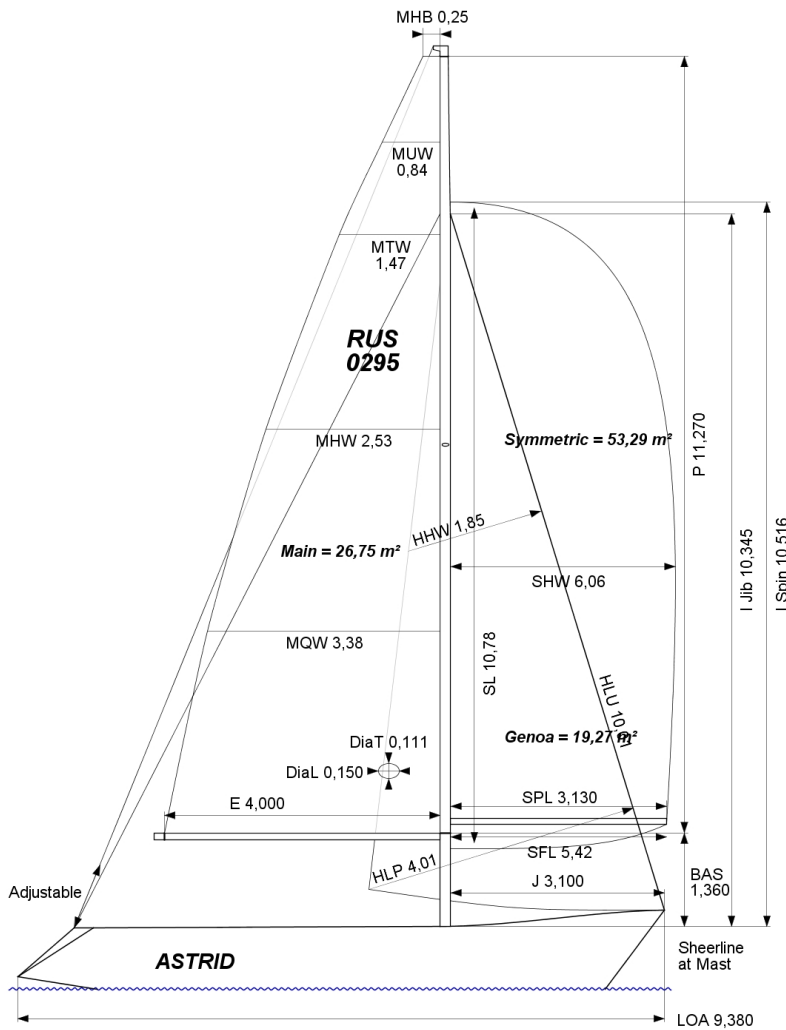
**Class Division Length**

**CDL = 7.261**

**Stability (Measured)**

Limit Positive Stab.: **105.1°**  
Stability Index: **101.8**

**Owner**



BOAT		GPH	HULL			
Name <b>Astrid</b> Sail Nr <b>RUS 0295</b>		<b>697.9</b>	Data File <b>RU0295_Astrid</b>	LOA <b>9.380m</b>		
			Offset File <b>FF31ru.OFF</b>	MB <b>3.240m</b>		
			Displacement <b>3,470kg</b>	Draft <b>1.793m</b>		
			IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.294%</b>		
			Fwd Accom. <b>No</b>	Construction <b>Solid</b>		
			Fiber Rigging <b>No</b>	Aramid Core <b>No</b>		
			Crew Arm Ex	Carbon Rudder <b>No</b>		
				Light Stanchions <b>No</b>		
			IMSL <b>7.600m</b>	VCGD <b>0.181m</b>	Sink <b>12.67kg/mm</b>	
			RL <b>6.921m</b>	VCGM <b>0.127m</b>	WS <b>17.49m²</b>	
			LSM0 <b>7.580m</b>	Displacement/Length ratio <b>7.9675</b>		
			Water Ballast <b>0</b>	Trim Tab <b>No</b>		
			BLR Index <b>0.0000</b>			
COMMENTS						
PROPELLER						
Installation	<b>Strut</b>	PRD	<b>0.388</b>			
Type	<b>Folding 2 blades</b>	PBW	<b>0.100</b>			
		PIPA	<b>0.0030</b>			
CENTERBOARD		<b>NA</b>				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	<b>677.5</b>			<b>751.9</b>		
Time on Time	<b>0.8856</b>			<b>0.8978</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>801.5</b>	<b>617.7</b>	<b>550.3</b>	<b>1035.4</b>	<b>756.9</b>	<b>653.1</b>
Time on Time	<b>0.8422</b>	<b>1.0928</b>	<b>1.2267</b>	<b>0.6519</b>	<b>0.8918</b>	<b>1.0335</b>