



ORC

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**2018
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



World Leader In Rating Technology

Certificate

Number **US6165**
Issued On **10/04/2018**
ORC Ref **USAX016C294**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 575kg
Maximum **575kg**
Minimum* **431kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	587.5	1.0213
Non Spin OSN	574.3	1.0448

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 106.75**
Flying H/S: **No**
Spin. Pole: **No**

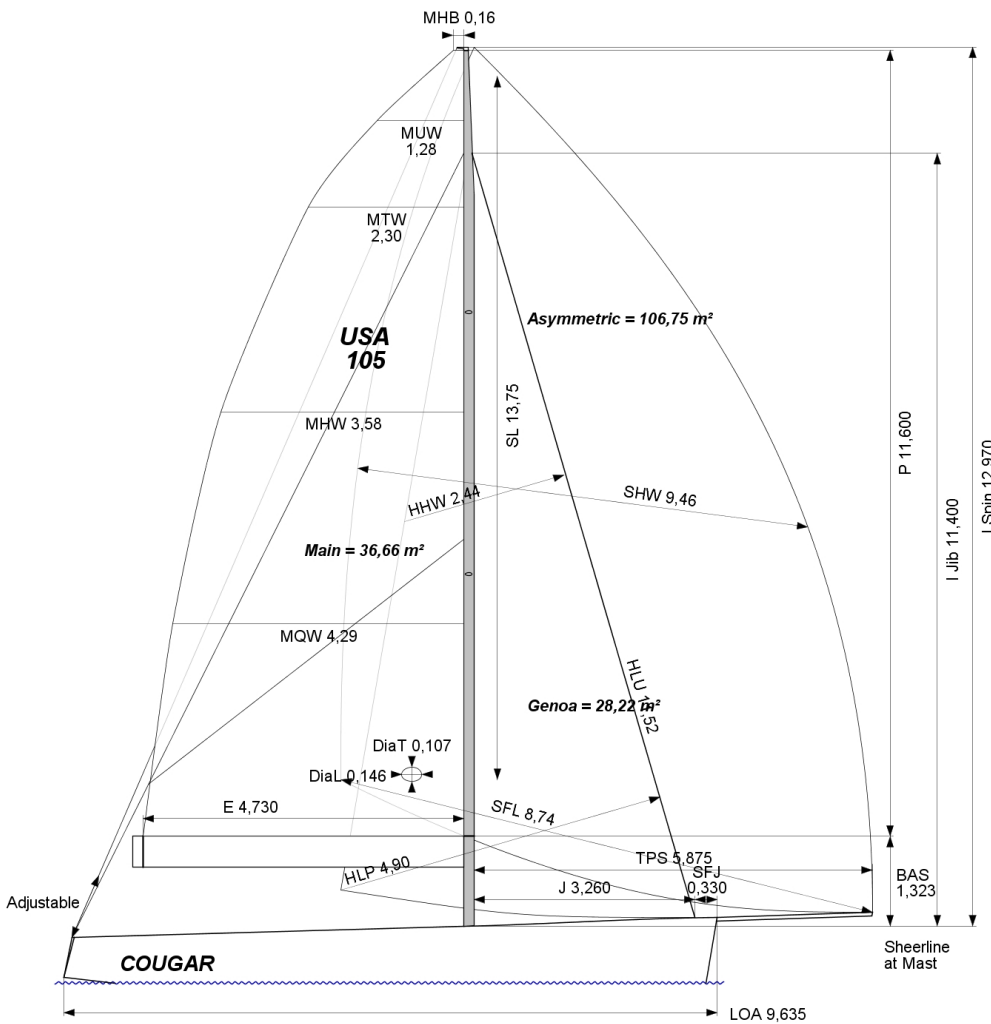
Class Division Length

CDL = 9.628

Stability (Estimated)

Limit Positive Stab.: **123.2°**
Stability Index: **116.8**

Owner



BOAT		GPH		HULL		
Name Cougar	Sail Nr USA 105	554.0		Data File US6165	LOA 9.635m	
				Offset File MELGES.OFF	MB 2.950m	
				Displacement 1,952kg	Draft 2.149m	
				IMS Division Performance	Dynamic All. 0.001%	
				Fwd Accom. No	Construction	
				Fiber Rigging No	Aramid Core No	
				Crew Arm Ex	Carbon Rudder Yes	
					Light Stanchions No	
				IMSL 9.164m	VCGD -0.328m	
				RL 10.090m	VCGM -0.350m	
				WS 16.62m²		
				LSM0 8.815m	Displacement/Length ratio 2.8498	
				Water Ballast 0	Trim Tab No	
				BLR Index 0.0000		
				BILGEBOARD		
				BS	BT BA	
				BF	BX	
				BC	BY	
				PROPELLER		
				Installation Strut	PRD 0.400	
				Type Folding 2 blades	PBW 0.090	
					PIPA 0.0028	
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	540.2			606.5		
Time on Time	1.1106			1.1129		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	621.1	498.6	430.9	796.3	617.1	524.4
Time on Time	1.0868	1.3538	1.5664	0.8477	1.0939	1.2872