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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **US6165**
Issued On **27/03/2019**
ORC Ref **USAX02399E1**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

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	589.9	1.0171
Non Spin OSN	577.6	1.0388

Sails Limitations

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

Asymmetric on centerline

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

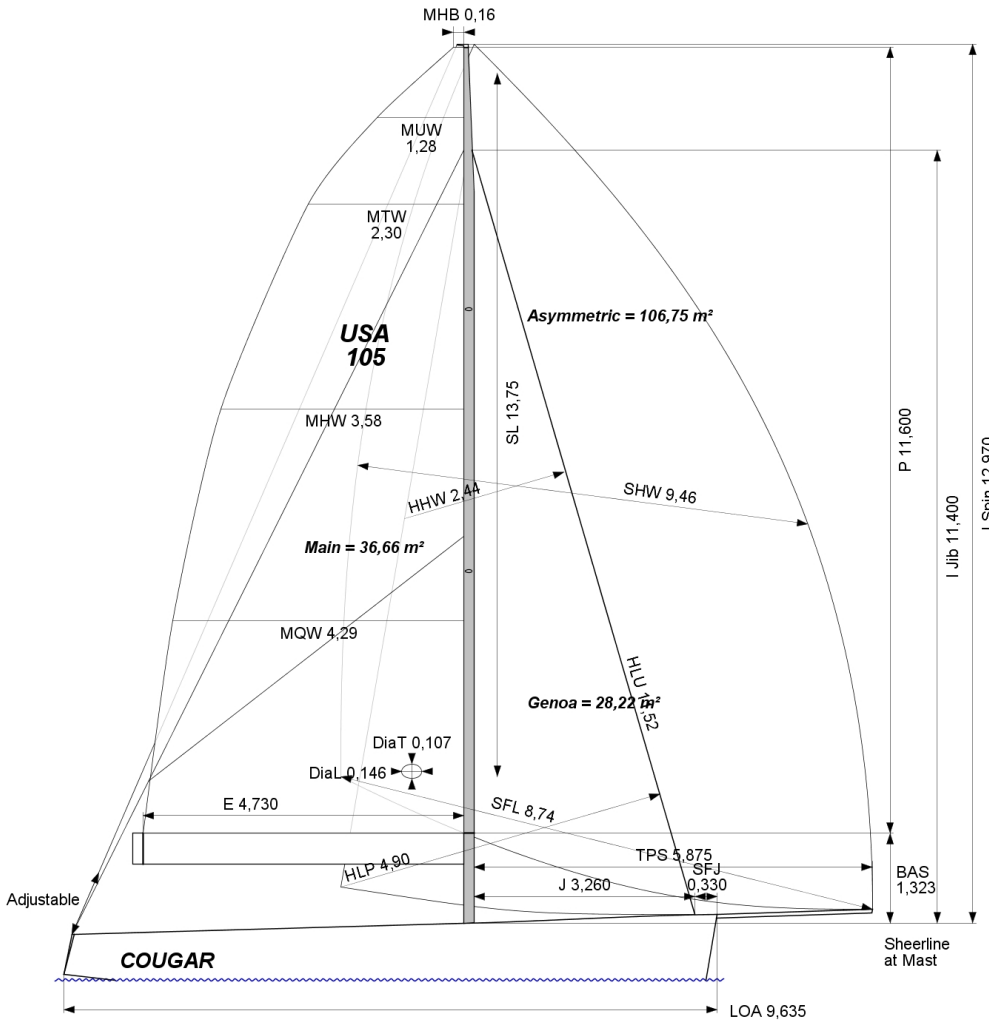
Class Division Length

CDL = 9.473

Stability (Estimated)

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

Owner



BOAT		GPH		HULL		
Name	Cougar			Data File	US6165	
Sail Nr	USA 105			Offset File	MELGES.OFF	
				Displacement	1,952kg	
				LOA	9.635m	
				MB	2.950m	
				Draft	2.149m	
CLASS				IMS Division	Performance	
Class	MELGES 30			Dynamic All.	0.001%	
Designer	RP			Fwd Accom.	No	
Builder	Melges			Construction	Cored	
Series	01/1995			Fiber Rigging	No	
Age Date	03/1996			Aramid Core	No	
Age Allowance	0.487%			Crew Arm Ex	Yes	
COMMENTS				Light Stanchions	No	
				IMSL	9.164m	
				VCGD	-0.328m	
				Sink	12.80kg/mm	
				RL	9.780m	
				VCGM	-0.350m	
				WS	16.62m²	
				LSM0	8.815m	
				Displacement/Length ratio	2.8498	
				Water Ballast	0	
				Trim Tab	No	
				BLR Index	0.0000	
PROPELLER				CENTERBOARD		
Installation	Strut	PRD	0.400			
Type	Folding 2 blades	PBW	0.090			
		PIPA	0.0028			
				NA		
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	543.9			611.7		
Time on Time	1.1032			1.1035		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	621.9	501.6	435.2	798.2	622.1	530.8
Time on Time	1.0854	1.3457	1.5511	0.8457	1.0851	1.2717