

Rating Office

Offshore
Racing
Congress



Certificate

Number **281019**
Issued On **29/10/2019**
ORC Ref **ISR00000638**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 663kg
Maximum **510kg**
Minimum* **383kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	732.1	0.8196
Double H.OSN	709.6	0.8456
Non Spin GPH	758.3	0.7912
Non Spin OSN	730.8	0.8210

Sails Limitations

Headsails **1** Spinnakers **3**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes** 76.10
Flying H/S: **No**
Spin. Pole: **No**

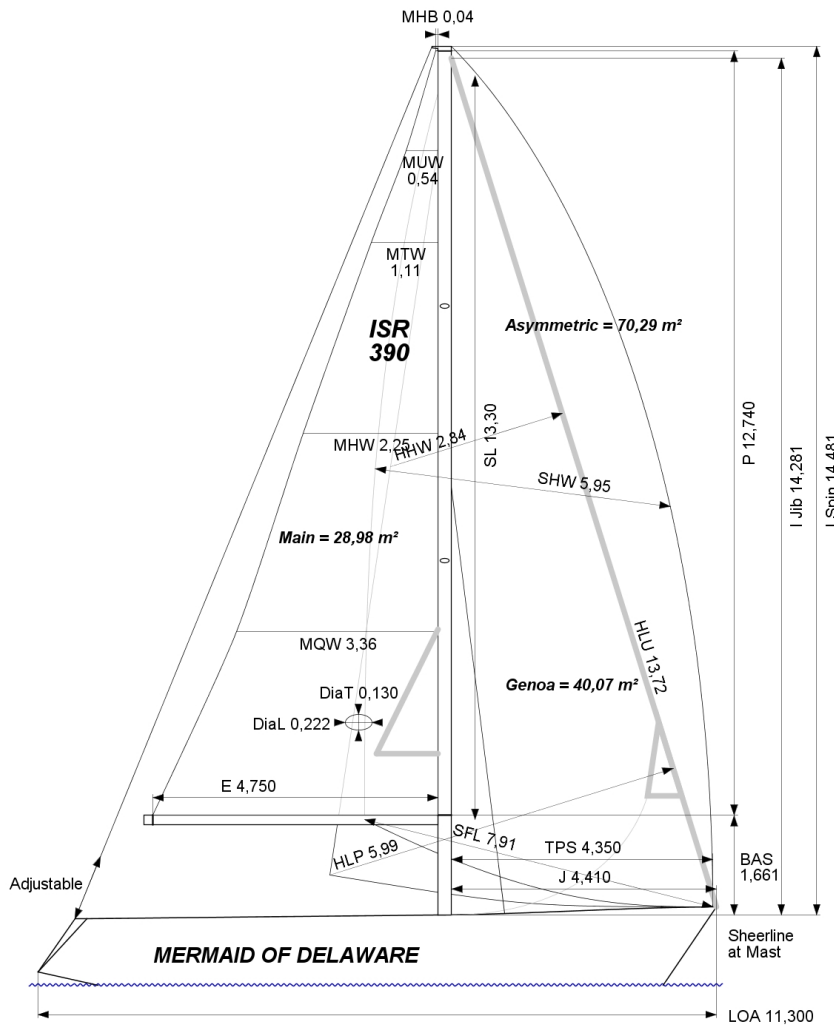
Class Division Length

CDL = 7.804

Stability (Estimated)

Limit Positive Stab.: **109.6°**
Stability Index: **112.0**

Owner



BOAT		GPH	HULL			
Name Mermaid of Delaware Sail Nr ISR 390		725.7	Data File ISR390	LOA 11.300m		
			Offset File H190.OFF	MB 3.846m		
			Displacement 7,558kg	Draft 1.652m		
CLASS			IMS Division Cruiser/Racer	Dynamic All. 0.505%		
Class Oceanis 390			Fwd Accom. Yes	Construction Solid		
Designer Briand			Fiber Rigging No	Aramid Core No		
Builder Beneteau			Crew Arm Ex	Carbon Rudder No		
Series 01/1990				Light Stanchions No		
Age Date 01/1990			IMSL 9.805m	VCGD 0.134m	Sink 20.85kg/mm	
Age Allowance 0.487%			RL 5.803m	VCGM 0.176m	WS 29.05m²	
COMMENTS			LSM0 9.742m	Displacement/Length ratio 8.1745		
fixed Error in offset			Water Ballast 0	Trim Tab No		
			BLR Index 0.0000			
PROPELLER			CENTERBOARD			
Installation Shaft exposed	PRD 0.475		NA			
Type Solid 3 blades	PBW 0.120					
	PIPA 0.0281					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	702.9			803.9		
Time on Time	0.8536			0.8397		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	866.6	633.7	550.2	1138.3	813.5	684.1
Time on Time	0.7789	1.0651	1.2269	0.5930	0.8297	0.9867