



2020
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **100120**
Issued On **11/02/2020**
ORC Ref **03540000CUO**
VPP Ver. **2020 1.01**
Valid until **31/12/2020**

Crew Weight

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

Special Scoring

	ToD	ToT
Non Spin GPH	757.7	0.7919
Non Spin OSN	730.3	0.8216

Sails Limitations

Headsails **1** Spinnakers **4**

Asymmetric on centerline

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

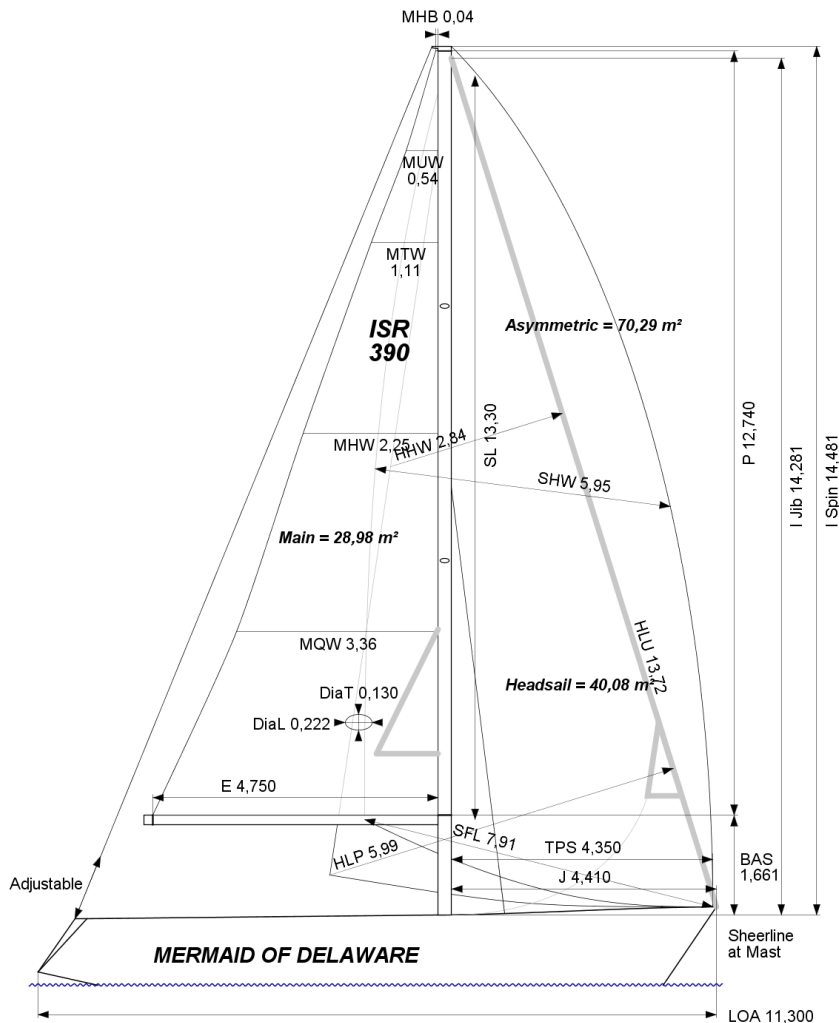
Class Division Length

CDL = 7.801

Stability (Estimated)

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

Owner



BOAT		GPH	HULL			
Name Mermaid of Delaware Sail Nr ISR 390		720.6	Data File ISR390	LOA 11.300m		
CLASS			Offset File H190.OFF	MB 3.846m		
Class Oceanis 390	Designer Briand		Displacement 7,558kg	Draft 1.652m		
Builder Beneteau	Series 01/1990		IMS Division Cruiser/Racer	Dynamic All. 0.505%		
Age Date 01/1990	Age Allowance 0.487%		Plan Review	Construction Solid		
COMMENTS			Fiber Rigging No	Aramid Core No		
			Crew Arm Ex	Carbon Rudder No		
				Light Stanchions No		
PROPELLER			IMSL 9.805m	VCGD 0.134m		
Installation Shaft exposed	PRD 0.475		RL 5.806m	VCGM 0.176m		
Type Solid 3 blades	PBW 0.120		LSM0 9.742m	Displacement/Length ratio 8.1745		
	PIPA 0.0281		Water Ballast 0	Trim Tab No		
			BLR Index 0.0000			
			CENTERBOARD			
			N/A			
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	700.8			803.4		
Time on Time	0.8562			0.8402		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	856.5	630.2	548.8	1137.5	813.1	684.1
Time on Time	0.7881	1.0711	1.2299	0.5934	0.8302	0.9867