



**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **100120**
 Issued On **10/01/2020**
 ORC Ref **03540000AV7**
 VPP Ver. **2020 1.00**
 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 **766.9 0.7824**
 Non Spin OSN **735.1 0.8162**

Sails Limitations

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

Asymmetric on centerline

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

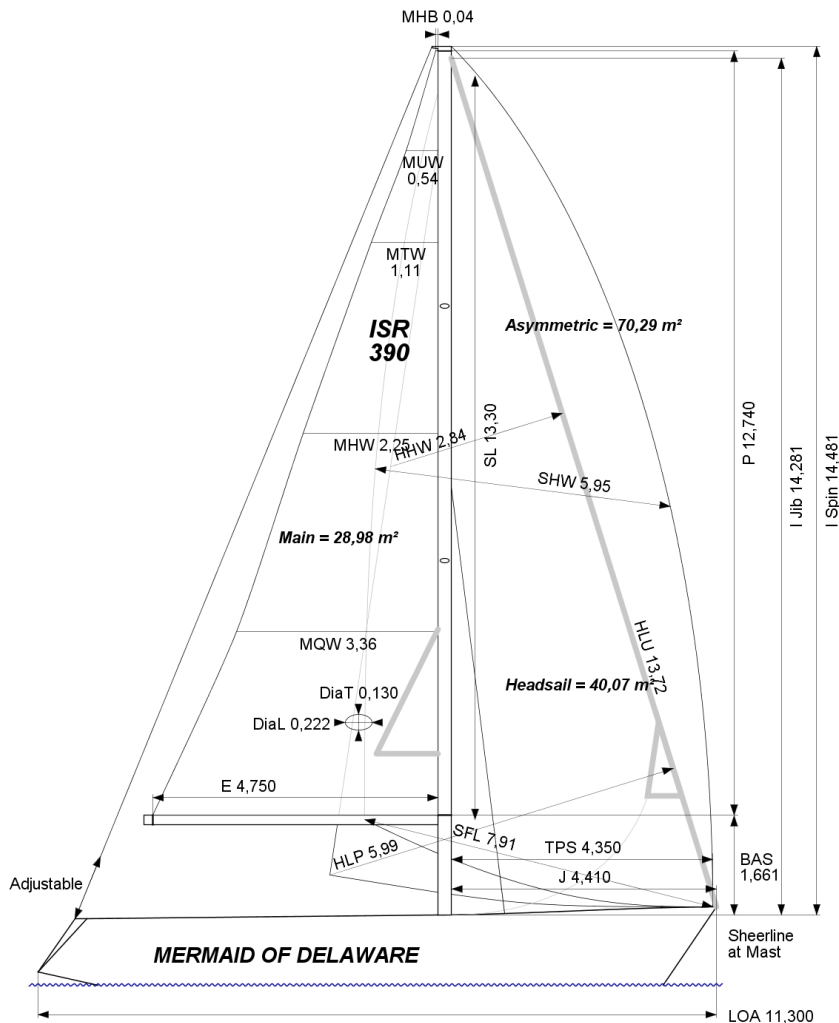
Class Division Length

CDL = 7.801

Stability (Estimated)

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

Owner



BOAT Name Mermaid of Delaware Sail Nr ISR 390		GPH 718.6	HULL Data File ISR390 LOA 11.300m Offset File H190.OFF MB 3.846m Displacement 7,558kg Draft 1.652m				
CLASS Class Oceanis 390 Designer Briand Builder Beneteau Series 01/1990 Age Date 01/1990 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.507% Plan Review Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No					
COMMENTS fixed Error in offset		IMSL 9.805m VCGD 0.134m Sink 20.85kg/mm RL 5.806m VCGM 0.176m WS 29.05m² LSM0 9.742m Displacement/Length ratio 8.1745 Water Ballast 0 Trim Tab No BLR Index 0.0000					
PROPELLER Installation Shaft exposed PRD 0.475 Type Solid 3 blades PBW 0.120 PIPA 0.0281		CENTERBOARD N/A					
SCORING OPTIONS							
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time on Distance	699.7			800.2			
Time on Time	0.8576			0.8435			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	853.7	628.9	546.7	1137.5	812.0	677.8	
Time on Time	0.7907	1.0733	1.2347	0.5934	0.8313	0.9958	