



ORC

Offshore Racing Congress
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2019 ORC Club Certificate

Rating Office

Offshore
Racing
Congress



World Leader In Rating Technology

Certificate

Number **120119**
Issued On **13/01/2019**
ORC Ref **ISR00000417**
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	733.5	0.8180
Double H.OSN	710.9	0.8440
Non Spin GPH	759.7	0.7898
Non Spin OSN	732.1	0.8196

Sails Limitations

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

Asymmetric on centerline

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

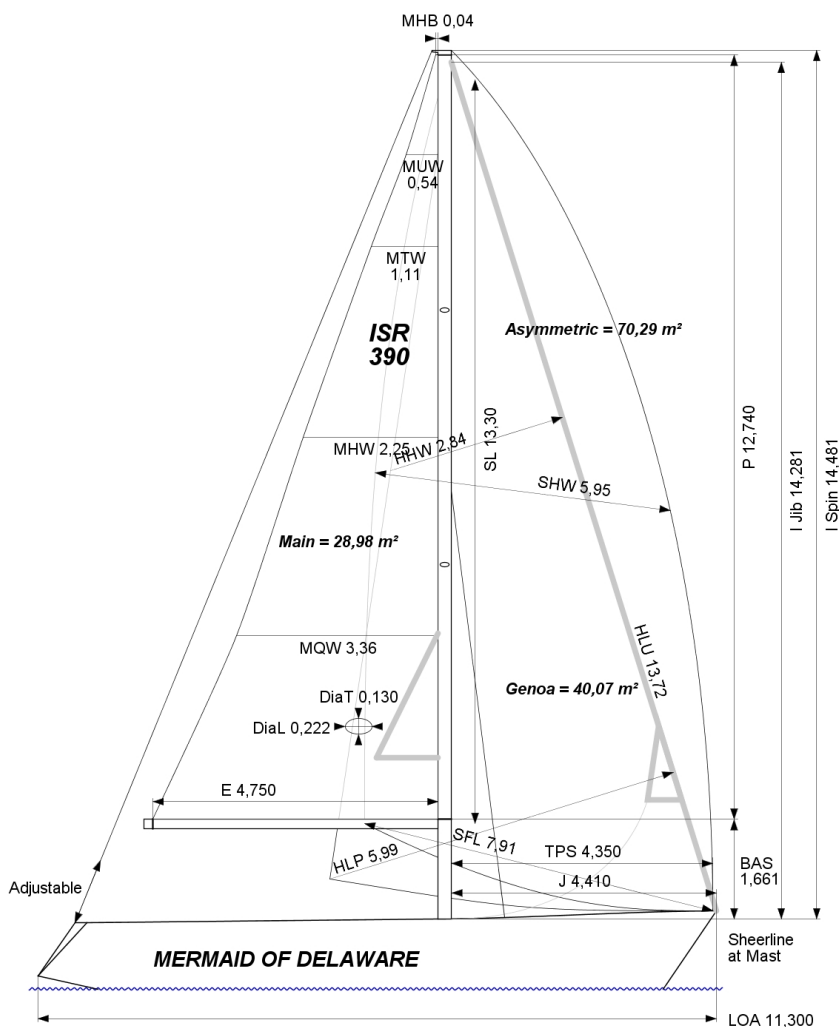
Class Division Length

CDL = 7.788

Stability (Estimated)

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

Owner



BOAT		GPH		HULL	
Name Mermaid of Delaware		727.0		Data File	ISR390 LOA 11.300m
Sail Nr ISR 390				Offset File	H190.BOF MB 3.846m
				Displacement	7,558kg Draft 1.652m
CLASS				IMS Division	Cruiser/Racer Dynamic All. 0.506%
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	9.803m VCGD 0.134m Sink 20.85kg/mm
Age Allowance 0.487%				RL	5.772m VCGM 0.176m WS 29.05m²
COMMENTS				LSM0	9.740m Displacement/Length ratio 8.1796
				Water Ballast	0 Trim Tab No
				BLR Index	0.0000
PROPELLER				CENTERBOARD	
Installation Shaft exposed		PRD	0.475	N/A	
Type Solid 3 blades		PBW	0.120		
		PIPA	0.0281		

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	704.2			805.7		
Time on Time	0.8521			0.8378		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	868.5	634.7	551.4	1141.0	815.1	686.3
Time on Time	0.7772	1.0635	1.2242	0.5916	0.8281	0.9835