



ORC

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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **004/19**
Issued On **06/09/2019**
ORC Ref **MNE10026549**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 905kg
Maximum **905kg**
Minimum* **679kg**
**when applied by the NoR and SI*
Non Manual Pwr

Special Scoring

	ToD	ToT
Double H.GPH	578.7	1.0369
Double H.OSN	563.8	1.0643
Non Spin GPH	601.5	0.9975
Non Spin OSN	585.8	1.0243

Sails Limitations

Headsails **1** Spinnakers **4**
Dacron Sails
Asymmetric on centerline
Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 137.43**
Flying H/S: **No**
Spin. Pole: **No**

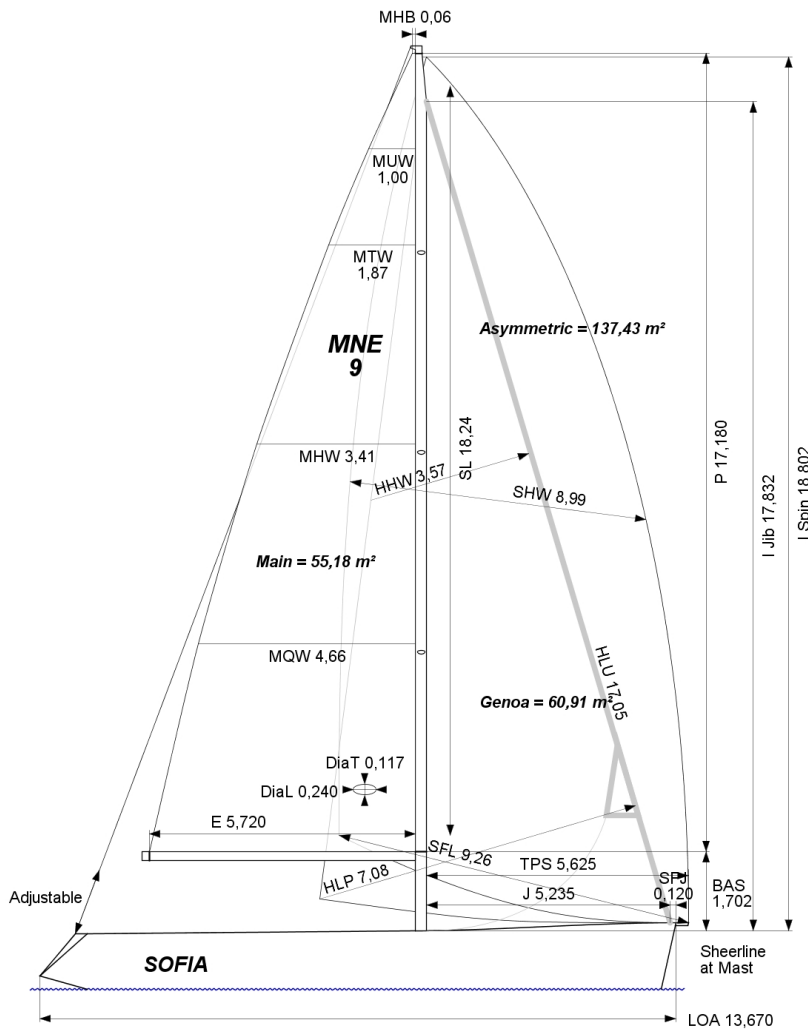
Class Division Length

CDL = 11.366

Stability (Estimated)

Limit Positive Stab.: **115.2°**
Stability Index: **119.5**

Owner



BOAT		GPH	HULL			
Name SOFIA		573.1	Data File MNE9	LOA 13.670m		
Sail Nr MNE-9			Offset File duf44+.off	MB 4.232m		
			Displacement 10,100kg	Draft 2.307m		
CLASS		IMS Division Cruiser/Racer Dynamic All. 0.076%				
Class Dufour 44	Designer Umperto Felci	Fwd Accom. Yes	Construction Solid			
Builder Dufour	Series 03/2004, CIN DUFE1843A707	Fiber Rigging No	Aramid Core No			
Age Date 09/2007	Age Allowance 0.487%	Crew Arm Ex	Carbon Rudder No			
COMMENTS		Light Stanchions No				
		IMSL 12.150m	VCGD 0.103m	Sink 28.85kg/mm		
		RL 10.580m	VCGM 0.035m	WS 37.07m²		
		LSM0 12.115m	Displacement/Length ratio 5.6800			
PROPELLER		CENTERBOARD				
Installation Strut	PRD 0.457	Water Ballast 0 Trim Tab No				
Type Feathering 3 blades	PIPA 0.0012	BLR Index 0.0000				
		NA				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	557.5			626.7		
Time on Time	1.0763			1.0770		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	659.4	506.6	453.1	856.5	629.6	548.9
Time on Time	1.0237	1.3323	1.4897	0.7881	1.0721	1.2297