



ORC
Offshore Racing Congress
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2020 ORC Club Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **107121**
Issued On **22/01/2020**
ORC Ref **03510000BK2**
VPP Ver. **2020 1.00**
Valid until **31/12/2020**

Crew Weight

Default	643kg
Maximum	600kg
Minimum*	450kg
*when applied by the NoR and SI	
Non Manual Pwr	No

Special Scoring

	ToD	ToT
Non Spin GPH	673.2	0.8913
Non Spin OSN	651.7	0.9206

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes** **80.27**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

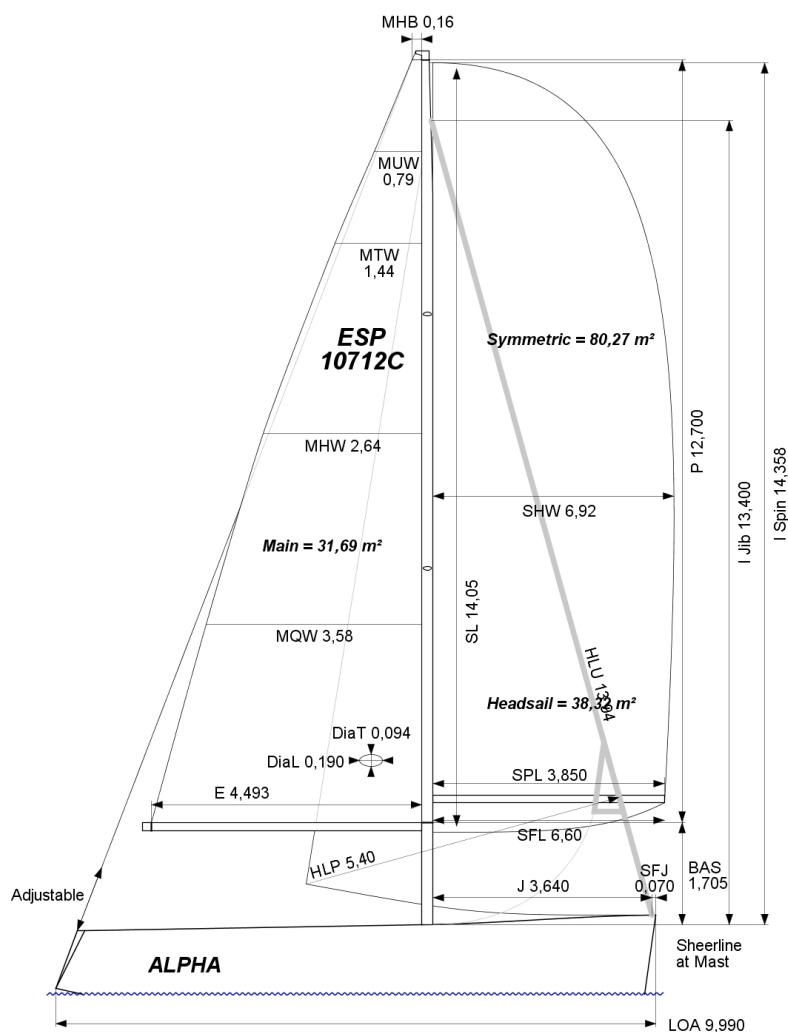
Class Division Length

CDL = 8.935

Stability (Estimated)

Limit Positive Stab.: **124.8°**
Stability Index: **125.2**

Owner



BOAT		GPH	HULL	
Name	ALPHA	638.0	Data File	E10712_C LOA 9.990m
Sail Nr	ESP-10712_C		Offset File	ELAN340.OFF MB 3.466m
			Displacement	5,098kg Draft 2.054m
			IMS Division	Cruiser/Racer Dynamic All. 0.123%
			Plan Review	Construction Solid
			Fiber Rigging	No Aramid Core No
			Crew Arm Ex	Carbon Rudder No
				Light Stanchions No
			IMSL	9.505m VCGD -0.039m Sink 17.54kg/mm
			RL	8.371m VCGM -0.095m WS 23.19m²
			LSM0	9.537m Displacement/Length ratio 5.8771
			Water Ballast	0 Trim Tab No
			BLR Index	0.0000
			CENTERBOARD	
			N/A	
PROPELLER				
Installation	Strut	PRD 0.410		
Type	Folding 2 blades	PIPA 0.0036		

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	620.3			689.4		
Time on Time	0.9672			0.9792		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	726.7	566.2	509.0	935.6	692.6	606.6
Time on Time	0.9288	1.1922	1.3260	0.7215	0.9746	1.1128