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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **137/19**
Issued On **18/10/2019**
ORC Ref **RSA10026848**
VPP Ver. **2019 1.01**
Valid until **30/06/2020**

Crew Weight

Default 567kg
Maximum **595kg**
Minimum* **446kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	576.1	1.0415
Double H.OSN	565.8	1.0604
Non Spin GPH	600.2	0.9997
Non Spin OSN	583.5	1.0283

Sails Limitations

Headsails **5** Spinnakers **3**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 116.74**
Flying H/S: **No**
Spin. Pole: **No**

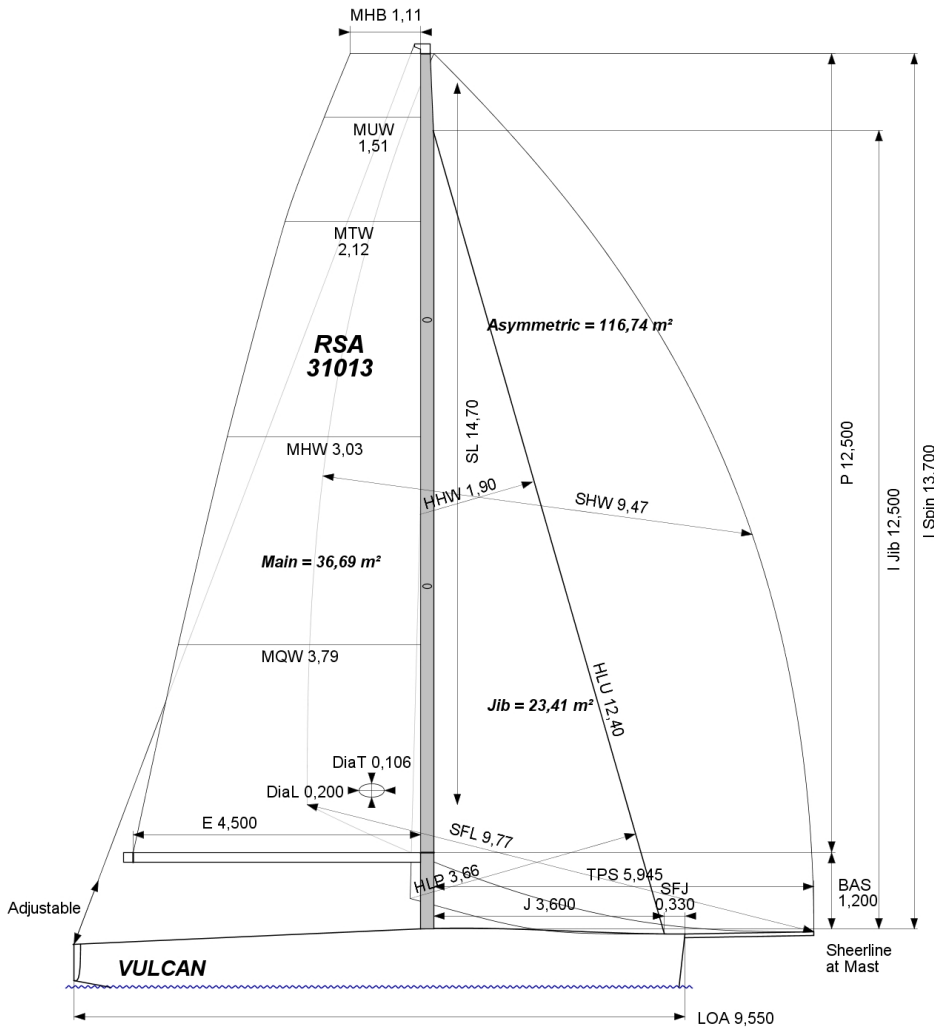
Class Division Length

CDL = 9.480

Stability (Measured)

Limit Positive Stab.: **115.6°**
Stability Index: **109.0**

Owner



BOAT		GPH	HULL			
Name Vulcan		552.5	Data File RSA31013	LOA 9.550m		
Sail Nr RSA-31013			Offset File Cape31_DV3.OF	MB 3.050m		
			Displacement 1,775kg	Draft 2.446m		
CLASS			IMS Division Performance	Dynamic All. 0.000%		
Class Cape 31			Fwd Accom. No	Construction Solid		
Designer Mills			Fiber Rigging No	Aramid Core No		
Builder Noordhoek			Crew Arm Ex 0.00	Carbon Rudder Yes		
Series 07/2017				Light Stanchions Yes		
Age Date 07/2017			IMSL 9.355m	VCGD -0.220m	Sink 14.33kg/mm	
Age Allowance 0.065%			RL 9.604m	VCGM -0.218m	WS 18.46m²	
COMMENTS			LSM0 8.733m	Displacement/Length ratio 2.6651		
			Water Ballast 0	Trim Tab No		
			BLR Index 0.0000			
PROPELLER			CENTERBOARD			
Installation Strut	PRD 0.381		N/A			
Type Folding 2 blades	PBW 0.100					
	PIPA 0.0033					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	536.6			607.3		
Time on Time	1.1182			1.1115		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	632.6	492.2	421.6	814.8	616.7	520.2
Time on Time	1.0670	1.3714	1.6010	0.8284	1.0945	1.2975