



World Leader in Rating Technology

**2016
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **LT5386**
 Issued On **30/07/2016**
 ORC Ref **ltu00000604**
 VPP Ver. **2016 1.01**
 Valid until **31/12/2016**

Crew Weight

Declared **350kg**
 Default* **472kg**
 Non Manual Pwr **No**

Special Scoring

ToD ToT
 Non Spin GPH **701.0 0.8559**
 Non Spin OSN **681.1 0.8810**
 N/S Perf. Line **34.4 0.591**

Sails Limitations

Headsails **6** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes 57.87**
 Asymmetric: **No**
 Flying H/S: **No**
 Spin. Pole: **Yes**

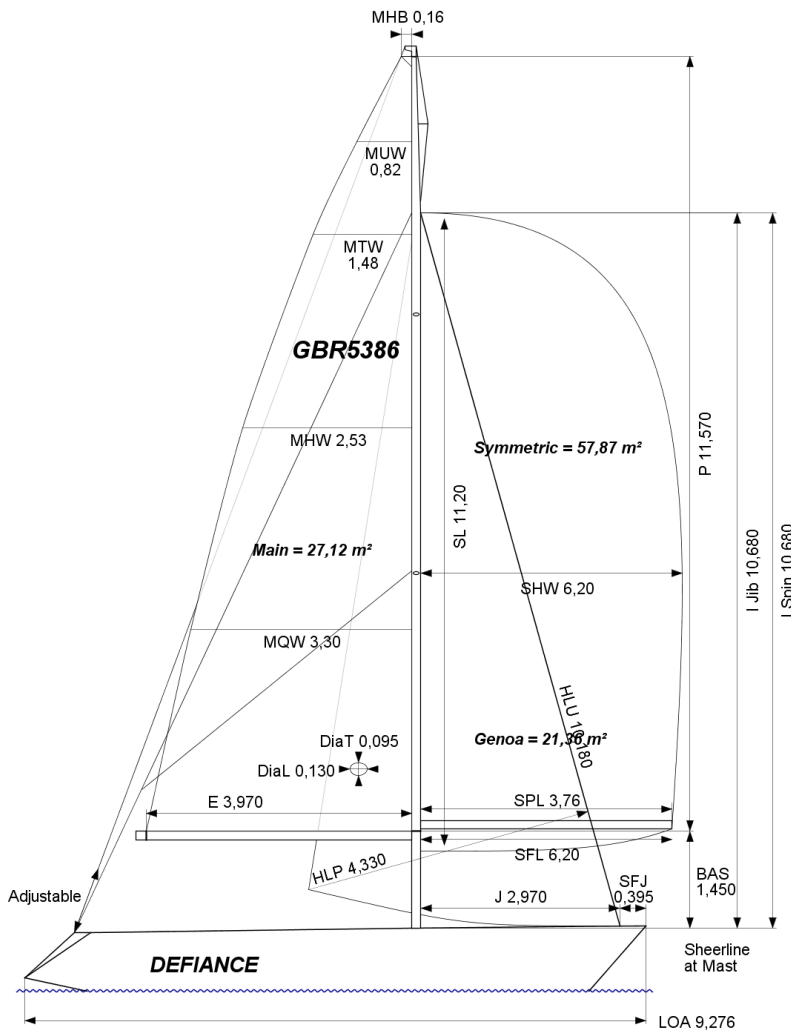
Class Division Length

CDL = **7.568**

Stability

LPS (Estimated): **121.7°**
 Stability Index: **117.8**
 OSR Category: **N/A**

Owner



BOAT Name Defiance Sail Nr GBR5386	GPH 673.0	HULL Data File Defiance 2016- LOA 9.276m Offset File DefiaS.off MB 3.048m Displacement 2,923kg Draft 1.768m
CLASS Class Toledo 31 Mk2 M Designer David Thomas Builder Series 12/1980 Age Date 12/1980 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.091% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 7.822m VCGD -0.194m Sink 11.76kg/mm RL 7.313m VCGM -0.113m WS 16.59m² LSM0 7.680m Displacement/Length ratio 6.4528
PROPELLER Installation Shaft exposed PRD 0.380 Type Feathering 2 blades PBW 0.140 PIPA 0.0022		Water Ballast 0 Trim Tab No
		CENTERBOARD N/A

	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	655.9			729.2		
Time On Time	0.9148			0.9257		
Performance Line	0.646	55.3		0.832	240.6	
Triple Number	Low 0.8826	Medium 1.1281	High 1.2610	Low 0.6822	Medium 0.9217	High 1.0554