



World Leader in Rating Technology

2017 ORC Club Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **LT5386**
 Issued On **24/07/2017**
 ORC Ref **lt00000266**
 VPP Ver. **2017 1.00**
 Valid until **31/12/2017**

Crew Weight

Declared **385kg**
 Default* **472kg**
 Non Manual Pwr **No**

Special Scoring

ToD ToT
 Non Spin GPH **697.2 0.8606**
 Non Spin OSN **678.1 0.8849**

Sails Limitations

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

Spinnaker configuration

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

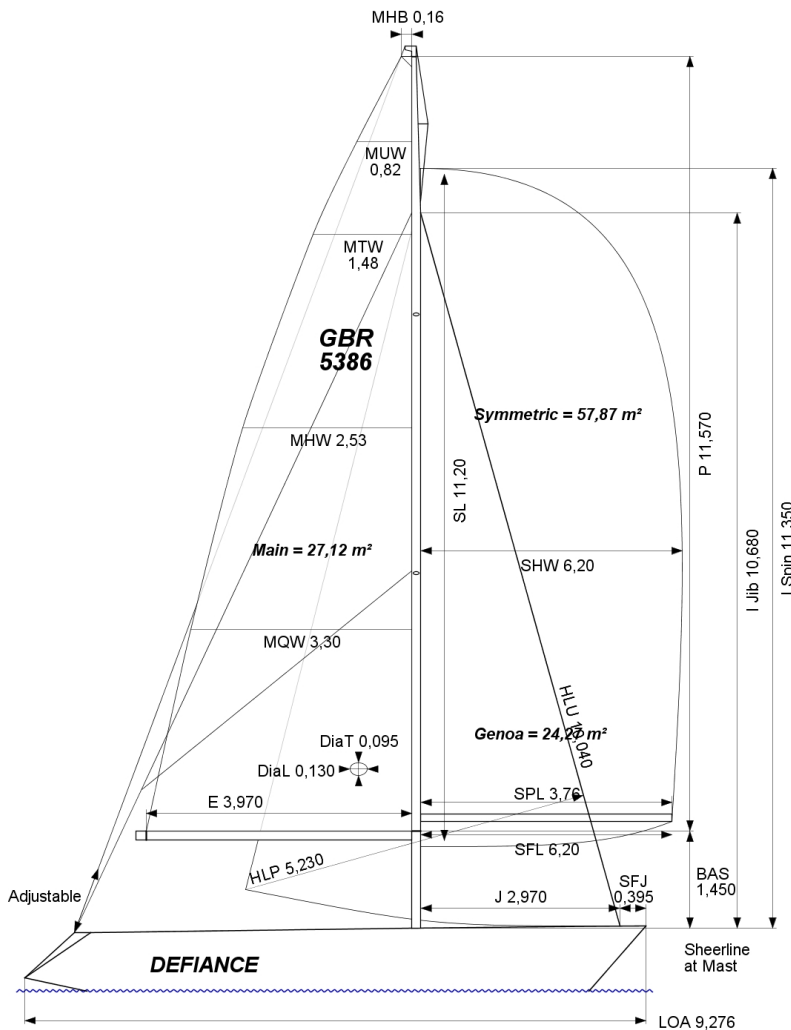
Class Division Length

CDL = **7.560**

Stability (Estimated)

Limit Positive Stab.: **122.1°**
 Stability Index: **118.3**

Owner



BOAT		GPH		HULL			
Name DEFIANCE Sail Nr GBR5386		670.3		Data File Defiance 2016-	LOA 9.276m		
				Offset File DefiaS.off	MB 3.048m		
				Displacement 2,923kg	Draft 1.768m		
CLASS				IMS Division Cruiser/Racer	Dynamic All. 0.015%		
Class Toledo 31 Mk2 M				Fwd Accom. Yes	Construction Cored		
Designer David Thomas				Fiber Rigging No	Aramid Core No		
Builder				Crew Arm Ex	Carbon Rudder No		
Series 12/1980					Light Stanchions No		
Age Date 12/1980				IMSL 7.822m	VCGD -0.203m	Sink 11.76kg/mm	
Age Allowance 0.487%				RL 7.297m	VCGM -0.122m	WS 16.59m²	
COMMENTS				LSM0 7.680m	Displacement/Length ratio 6.4528		
				Water Ballast 0	Trim Tab No		
PROPELLER				CENTERBOARD			
Installation Shaft exposed	PRD 0.380			N/A			
Type Feathering 2 blades	PBW 0.140						
	PIPA 0.0022						

SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time On Distance	653.6			727.0	
Time On Time	0.9180			0.9285		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	757.7	597.1	536.1	976.6	729.7	640.8
Time on Time	0.8908	1.1304	1.2591	0.6912	0.9251	1.0534