



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **LT5386**
 Issued On **04/08/2018**
 ORC Ref **lt00000718**
 VPP Ver. **2018 0.02b**
 Valid until **31/12/2018**

Crew Weight

Default 472kg
 Maximum **415kg**
 Minimum* **311kg**
 *when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	693.5	0.8652
Non Spin OSN	673.0	0.8915

Sails Limitations

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

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

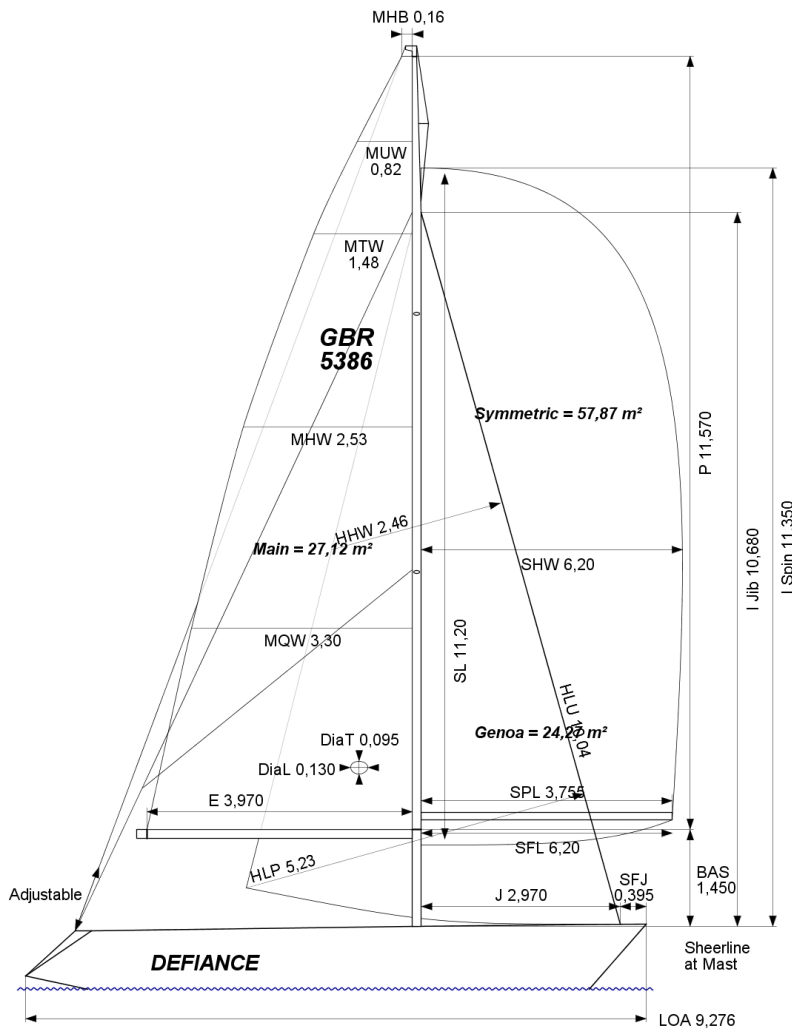
Class Division Length

CDL = 7.701

Stability (Estimated)

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

Owner



BOAT	GPH	HULL
Name DEFIANCE Sail Nr GBR5386	664.4	Data File Defiance LTU 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. 0.015% 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 -0.203m Sink 11.76kg/mm RL 7.579m VCGM -0.122m 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 BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	646.7	717.5
Time on Time	0.9278	0.9408
Triple Number	Low Medium High	Low Medium High
Time on Distance	747.9 592.1 536.4	956.4 718.3 639.4
Time on Time	0.9025 1.1400 1.2585	0.7058 0.9397 1.0556