



World Leader in Rating Technology

**2016
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **US6123**
 Issued On **10/01/2017**
 ORC Ref **USA0000686**
 VPP Ver. **2016 1.01**
 Valid until **28/02/2017**

Crew Weight

Declared **812kg**
 Default* **812kg**
 Non Manual Pwr **No**

Special Scoring

ToD ToT
 Non Spin GPH **637.9 0.9406**
 Non Spin OSN **620.7 0.9666**
 N/S Perf. Line **-0.3 0.597**

Sails Limitations

Headsails **1** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes 116.28**
 Asymmetric: **Yes 117.52**
 Flying H/S: **No**
 Spin. Pole: **Yes**

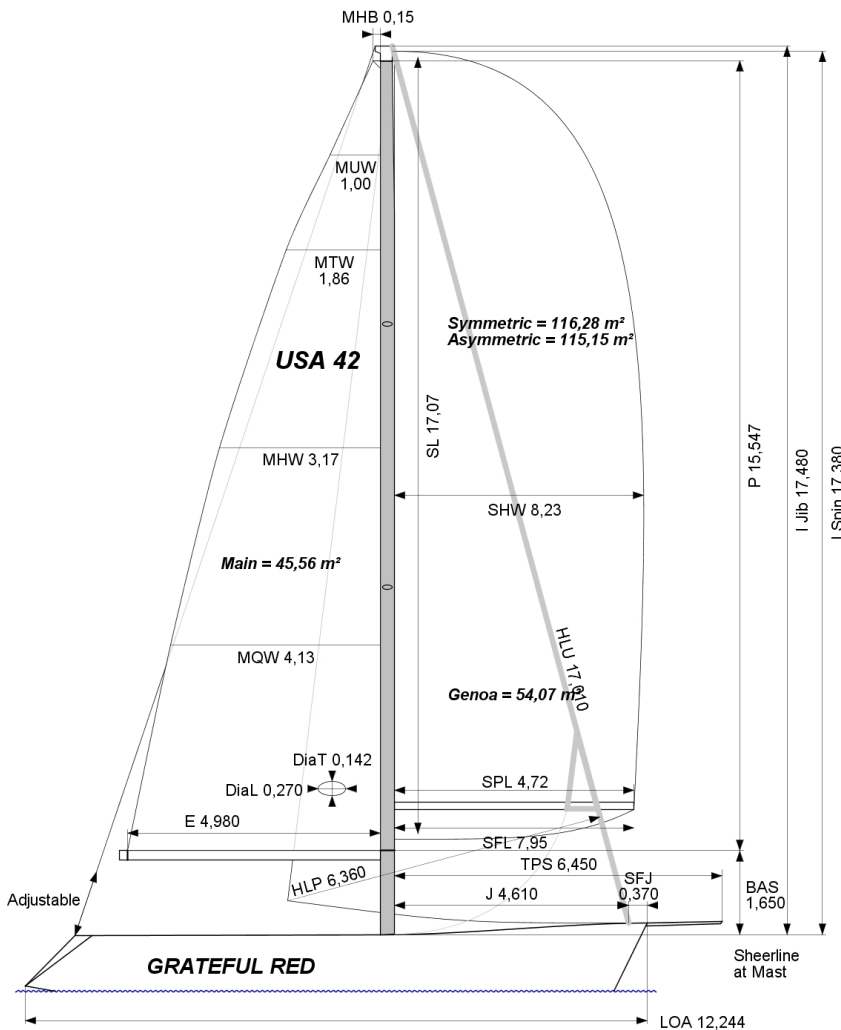
Class Division Length

CDL = **9.898**

Stability

LPS (Measured): **110.5°**
 Stability Index: **113.4**
 OSR Category: **2**

Owner



BOAT Name GRATEFUL RED Sail Nr USA 42		GPH 610.2	HULL Data File US6123.dxt LOA 12.244m Offset File US41168.OFF MB 4.023m Displacement 8,358kg Draft 1.570m			
CLASS Class C&C 121 (WK) Designer JACKET tim Builder FAIRPORT MARINE Series 06/2003 Age Date 06/2005 Age Allowance 0.422%			IMS Division Cruiser/Racer Dynamic All. 0.167% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex 0.00 Carbon Rudder No Light Stanchions			
COMMENTS			IMSL 11.217m VCGD 0.081m Sink 26.42kg/mm RL 8.577m VCGM 0.034m WS 33.73m² LSM0 11.227m Displacement/Length ratio 5.9062			
PROPELLER Installation Strut PRD Type Folding 2 blades PIPA 0.0037			CENTERBOARD N/A			
SCORING OPTIONS						
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	594.1			667.8		
Time On Time	1.0099			1.0107		
Performance Line	PLT 0.661	PLD 22.1		PLT 0.811	PLD 172.3	
Triple Number	Low 0.9546	Medium 1.2514	High 1.4276	Low 0.7299	Medium 0.9984	High 1.1782