

Yacht	Judgement Day	Rig	Bermudian Sloop
Sail number	GBR1508R	Design	J 109
TCC	1.016	Series / built	2001 / 2002
No spinnaker fleet	0.912 <i>Mixed fleet</i> 0.998	Club(s)	HISC CCRC
Owner(s)	Richard Marsden		

Performance indicators

Mainsail area	36.56 m²	Sailing weight	5643 kg
Mizzen area	0.00 m²	Displacement / length	189 (Sailing weight)
Upwind headsail area	26.13 m²	Sail area / wetted surface	2.41 (main + genoa)
D/wind headsail area	108.00 m²	Sail area / displacement	20.09 (main + genoa)

Hull	source	Rig	source
Hull Length	10.74 m	A	
Bow overhang	0.49 m	A	
Stern overhang	1.10 m	A	
Waterline length	9.15 m	C	
Stern height	0.24 m	A	
Beam	3.51 m	O	
Topside overhang	0.29 m	E	
Freeboard	1.08 m	E	
Draught	2.10 m	O	
Empty weight	4652 kg	A	
Fixed ballast weight	1760 kg	P	
Moveable ballast	None		
		Spar material	Aluminium alloy
		Forestay length	14.81 m A
		Foretriangle base	4.05 m A
Main sail			
		Hoist	13.16 m O
		Foot	4.72 m O
		1/2 width	3.04 m O
		3/4 width	1.77 m O
		7/8 width	1.01 m O
		Construction	Laminated
		Reefing	Slab

Appendages & propeller

Keel type	H2H5L1N1	
Keel depth	1.64 m	S
Keel chord	1.10 m	S
Rudder type	Spade	
Rudder depth	1.59 m	S
Rudder chord	0.46 m	S
Propeller type	Folding	
Propeller blades	2	
Propeller diameter	0.42 m	E

Mizzen

Mizzen hoist	<i>m</i>
Mizzen foot	<i>m</i>
Staysail luff length	<i>m</i>
Staysail luff perp	<i>m</i>

Upwind headsail

Luff length	13.67 m	O
Luff perpendicular	4.00 m	O
1/2 width	1.83 m	O
3/4 width	0.90 m	O
Foot height	0.03 m	O
Construction	Laminated	
Reefing	Change Sail	

Downwind headsail

Tack type	Bow sprit	
Pole / tack length	5.61 m	O
* Luff length	<i>m</i>	
* Leech length	<i>m</i>	
* 1/2 width	<i>m</i>	
* Foot width	<i>m</i>	
* OR ...	Area	108.00 m² O

Measurement source: A=Authenticated; O=Owner measured; S=Sister vessel; P=Published; C=Calculated

System data source: D=Database derived; E=Estimated

TCC calculated on 07/05/2017 at 17:22:48

IMPORTANT: see notes on page 2 for appropriate use and validity

Certificate notes

1. Correct use of the published ratings

TCC The time correction coefficient to be used, with the following exceptions:

No spinnaker fleet To be used when competing in a class which does not permit the use of a spinnaker.

Mixed fleet To be used when rated without a spinnaker **or** when permitted to elect not to use a spinnaker **and** when competing in a class which permits the use of a spinnaker.

2. Data quality

The fairest ratings will result from accurate measurement; ratings calculated using a significant amount of estimated and published data are far more likely to be out of line with expectations than those using measured and sister ship data. Owners must notify the rating office of any changes or errors in the rating data.

3. Applicability

This certificate is issued for the sole purpose of correcting elapsed times recorded in yacht races. It is not to be used for any other purpose.

4. Validity

Unless stated to the contrary, or superseded, this certificate is valid until the end of the calendar year in which it was issued. The validity can be checked by referring to the certificates published at: www.vprs.org/ratings.html

5. Additional information

6. Stability

An SSS base value provides a guide to the stability of a boat but does not guarantee safety or freedom of risk from capsizing or sinking. The safety of a boat is the sole responsibility of the skipper who must ensure that the boat is fully found, thoroughly seaworthy, and operated by a crew sufficient in number and experience who are physically fit to face bad weather. The SSS base value does not constitute any warranty as to the seaworthiness of any boat or the safety of any gear and shall not limit the absolute responsibility of the skipper of the boat.

Guard rails fitted	Yes	
Dayboat	No	
SSS base value	27	Valid only for data on this certificate.