

Yacht	<b>Justify</b>	Rig	<b>Bermudian Sloop</b>
Sail number	<b>GBR912</b>	Design	<b>J80</b>
TCC	<b>0.968</b>	Series / built	<b>1995</b>
No spinnaker fleet	0.863	Mixed fleet	0.943
Owner(s)	<b>Ross Bowdler</b>	Club(s)	<b>HISC CCRC</b>

### Performance indicators

Mainsail area	<b>20.59 m<sup>2</sup></b>	Sailing weight	<b>1894 kg</b>
Mizzen area	<b>0.00 m<sup>2</sup></b>	Displacement / length	<b>154 (Sailing weight)</b>
Upwind headsail area	<b>13.73 m<sup>2</sup></b>	Sail area / wetted surface	<b>2.65 (main + genoa)</b>
D/wind headsail area	<b>64.73 m<sup>2</sup></b>	Sail area / displacement	<b>22.79 (main + genoa)</b>

### Hull

		source
Hull Length	<b>8.00 m</b>	P
Bow overhang	<b>0.50 m</b>	E
Stern overhang	<b>0.79 m</b>	E
Waterline length	<b>6.71 m</b>	C
Stern height	<b>0.15 m</b>	E
Beam	<b>2.51 m</b>	P
Topside overhang	<b>0.32 m</b>	E
Freeboard	<b>0.80 m</b>	E
Draught	<b>1.49 m</b>	P
Empty weight	<b>1438 kg</b>	P
Fixed ballast weight	<b>635 kg</b>	P
Moveable ballast	<b>None</b>	

### Rig

		source
Spar material	<b>Aluminium alloy</b>	
Forestay length	<b>10.03 m</b>	E
Foretriangle base	<b>2.90 m</b>	P

### Main sail

Hoist	<b>9.14 m</b>	P
Foot	<b>3.81 m</b>	P
1/2 width	<b>2.48 m</b>	P
3/4 width	<b>1.45 m</b>	P
7/8 width	<b>0.79 m</b>	P
Construction	<b>Laminated</b>	
Reefing	<b>Slab</b>	

### Appendages & propeller

Keel type	<b>H2H5F5N1</b>	
Keel depth	<b>1.17 m</b>	P
Keel chord	<b>0.86 m</b>	P
Rudder type	<b>Transom hung</b>	
Rudder depth	<b>1.00 m</b>	E
Rudder chord	<b>0.35 m</b>	E
Propeller type	<b>None</b>	
Propeller blades		
Propeller diameter	<b>m</b>	

### Upwind headsail

Luff length	<b>9.30 m</b>	P
Luff perpendicular	<b>2.95 m</b>	P
1/2 width	<b>1.48 m</b>	P
3/4 width	<b>0.74 m</b>	E
Foot height	<b>0.02 m</b>	E
Construction	<b>Laminated</b>	
Reefing	<b>Roller</b>	

### Downwind headsail

Tack type	<b>Bow sprit</b>	
Pole / tack length	<b>4.80 m</b>	P
* Luff length	<b>12.20 m</b>	P
* Leech length	<b>9.90 m</b>	P
* 1/2 width	<b>6.98 m</b>	P
* Foot width	<b>7.37 m</b>	P
* OR ...	Area	m <sup>2</sup>

### Mizzen

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

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 19/09/2017 at 14:03:42

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

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# Certificate notes

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## 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](http://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	
<b>SSS base value</b>	<b>9</b>	Valid only for data on this certificate.