

Yacht	Jupa	Rig	Bermudian Sloop
Sail number	GBR4590	Design	Sigma 33
TCC	0.916	Series / built	1978 / OD
No spinnaker fleet	0.846 <i>Mixed fleet</i> 0.905	Club(s)	HISC
Owner(s)	Michael Saunders		

Performance indicators

Mainsail area	26.75 m²	Sailing weight	4984 kg
Mizzen area	0.00 m²	Displacement / length	257 (Sailing weight)
Upwind headsail area	26.87 m²	Sail area / wetted surface	2.46 (main + genoa)
D/wind headsail area	59.87 m²	Sail area / displacement	18.67 (main + genoa)

Hull		source	Rig		source
Hull Length	9.87 m	P	Spar material	Aluminium alloy	
Bow overhang	1.04 m	S	Forestay length	11.79 m	S
Stern overhang	0.89 m	S	Foretriangle base	3.58 m	S
Waterline length	7.94 m	C	Main sail		
Stern height	0.29 m	S	Hoist	11.59 m	S
Beam	3.20 m	P	Foot	3.94 m	S
Topside overhang	0.27 m	E	1/2 width	2.52 m	S
Freeboard	1.04 m	S	3/4 width	1.49 m	S
Draught	1.83 m	P	7/8 width	0.79 m	S
Empty weight	4200 kg	P	Construction	Woven	
Fixed ballast weight	1580 kg	P	Reefing	Slab	
Moveable ballast	None		Upwind headsail		

Appendages & propeller

Keel type	Z2P1R1N1	
Keel depth	1.27 m	S
Keel chord	1.34 m	S
Rudder type	Skeg-hung (shallow)	
Rudder depth	1.27 m	S
Rudder chord	0.45 m	S
Propeller type	Folding	
Propeller blades	2	
Propeller diameter	0.38 m	E

Luff length	10.88 m	S
Luff perpendicular	5.14 m	S
1/2 width	2.38 m	S
3/4 width	1.17 m	S
Foot height	0.05 m	E
Construction	Woven	
Reefing	Change Sail	

Downwind headsail

Tack type	Spinnaker pole	
Pole / tack length	3.60 m	S
* Luff length	<i>m</i>	
* Leech length	<i>m</i>	
* 1/2 width	<i>m</i>	
* Foot width	<i>m</i>	
* OR ... Area	59.87 m²	S

Mizzen

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

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 30/05/2017 at 17:47:30

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	30	Valid only for data on this certificate.