

Boat name	<b>Songline</b>	Type	<b>Bermudian sloop</b>
Sail number	<b>GBR4213</b>	Design	<b>Sigma 33</b>
TCC	<b>0.923</b>	Series date	<b>1978</b>
Valid	<b>2010</b>	Build date	<b>OD</b>
Owner	<b>John Waters</b>		

## Hull

Hull Length	<b>9.87 m</b>	O
Bow overhang	<b>1.04 m</b>	O
Stern overhang	<b>0.89 m</b>	O
Waterline length	<b>7.94 m</b>	C
Beam	<b>3.20 m</b>	O
Topside overhang	<b>m</b>	
Waterline beam	<b>2.67 m</b>	E
Mean freeboard	<b>1.04 m</b>	E
Draught	<b>1.83 m</b>	O
Empty weight	<b>4200 kg</b>	O
Ballast weight	<b>1580 kg</b>	P

## Detail

Keel depth	<b>1.27 m</b>	S
Keel chord	<b>1.34 m</b>	S
Keel type	<b>Iron fin</b>	
Rudder depth	<b>1.27 m</b>	S
Rudder chord	<b>0.45 m</b>	S
Rudder type	<b>Skeg-hung (shallow)</b>	
Propeller diameter	<b>0.38 m</b>	O
Propeller blades	<b>2</b>	
Propeller type	<b>Folding</b>	
Spar material	<b>Aluminium</b>	
Interior fit-out	<b>Full</b>	

## Mainsail

Mainsail hoist	<b>11.59 m</b>	O
Mainsail foot	<b>3.94 m</b>	O
Upper width	<b>0.87 m</b>	O
Three-quarter width	<b>1.50 m</b>	O
Half width	<b>2.57 m</b>	O
Area	<b>27.11 m<sup>2</sup></b>	C

## Mizzen

Mizzen hoist	<b>m</b>	
Mizzen foot	<b>m</b>	
Staysail luff length	<b>m</b>	
Staysail luff perp	<b>m</b>	
Area	<b>m<sup>2</sup></b>	

## Upwind headsail

Forestay length	<b>11.79 m</b>	O
Foretriangle base	<b>3.58 m</b>	O
Luff length	<b>11.20 m</b>	O
Luff perpendicular	<b>5.31 m</b>	O
Half width	<b>2.66 m</b>	O
Three-quarter width	<b>1.33 m</b>	O
Headboard width	<b>0.09 m</b>	O
Area	<b>29.76 m<sup>2</sup></b>	C

## Downwind headsail

Tack type	<b>Spinnaker pole</b>	
Pole or tack length	<b>3.60 m</b>	O
Leech length	<b>m</b>	
Luff length	<b>m</b>	
Half width	<b>m</b>	
Foot width	<b>m</b>	
Area	<b>59.87 m<sup>2</sup></b>	O

Valid only if it matches the certificate on [www.vprs.org](http://www.vprs.org)

Rating calculated on 24/04/2010 at 10:24:27

Data source: A=Authenticated; O=Owner; S=Sister vessel; P=Published; E=Estimated; C=Calculated

The owner must notify VPRS of any changes or errors.

