

Yacht	Mojito	Rig	Bermudian Sloop
Sail number	GBR1236T	Design	MG C27
TCC	0.861	Series / built	1985
TCC 2	<i>0.836 with no downwind H/S</i>	Crew limit	7 <i>people</i>

Performance indicators

Mainsail area	21.69 m ²	Mizzen / mizzen staysail area	0.00 m ² / 0.00 m ²
Upwind headsail area	17.23 m ²	Displacement / length	237
Flying headsail area	0.00 m ²	Sail area / wetted surface	2.12 (upwind sails)
Spinnaker area	44.06 m ²	Sail area / displacement	16.91 (upwind sails)

Hull & appendages

Hull & appendages			source
Hull Length	<i>LH</i>	8.38 m	O
Bow overhang	<i>BO</i>	0.90 m	E
Stern overhang	<i>SO</i>	0.23 m	E
Waterline length	<i>LWL</i>	7.25 m	C
Stern height	<i>Y</i>	0.06 m	E
Beam	<i>MB</i>	3.00 m	O
Topside overhang	<i>TSO</i>	0.30 m	S
Freeboard at mast	<i>FBI</i>	1.00 m	S
Draught	<i>T</i>	1.65 m	O
Empty weight	<i>EW</i>	2905 kg	A
Fixed ballast weight	<i>KW</i>	940 kg	P
Moveable ballast		None	
Keel type		Z2P1R1N1	
Keel depth	<i>KD</i>	1.20 m	S
Keel chord	<i>KC</i>	1.27 m	S
Rudder type		Transom-hung	
Rudder depth	<i>RD</i>	1.25 m	O
Rudder chord	<i>RC</i>	0.46 m	O
Propeller type		Folding	
Propeller blades	<i>PRN</i>	2	
Propeller diameter	<i>PRD</i>	0.36 m	O

Mizzen staysail

Staysail luff length	LLY	m
Staysail luff perp	LPY	m

Flying headsail (downwind headsail)

FH luff length	<i>FHLU</i>	<i>m</i>
FH leech length	<i>FHLE</i>	<i>m</i>
FH half width	<i>FHHW</i>	<i>m</i>
FH foot width	<i>FHFL</i>	<i>m</i>
* OR ... Area	<i>FHA</i>	<i>m²</i>

Rig

Rig			source
Spar material		<i>Aluminium alloy</i>	
Forestay length	<i>FL</i>	10.83 m	O
Foretriangle base	<i>J</i>	3.44 m	O
Flying h/sail tack length	<i>FHTL</i>	m	
Spinnaker pole length	<i>SPL</i>	3.08 m	O
Mainsail hoist	<i>P</i>	10.15 m	A
Mainsail outhaul	<i>E</i>	3.64 m	A
Boom above sheer	<i>BAS</i>	1.02 m	E
Mizzen hoist	<i>PY</i>	m	
Mizzen outhaul	<i>EY</i>	m	

Main sail

Half width	<i>MHW</i>	2.33 m	A
Three quarter width	<i>MTW</i>	1.37 m	A
Upper width	<i>MUW</i>	0.77 m	A
Construction	<i>Laminated</i>		
Reefing	<i>Slab</i>		

Upwind headsail

Luff length	<i>HLU</i>	10.22 m	O
Luff perpendicular	<i>HLP</i>	3.41 m	O
Half width	<i>HHW</i>	1.67 m	O
Three quarter width	<i>HTW</i>	0.83 m	O
Foot height	<i>HFH</i>	0.25 m	O
Construction		Woven	
Reefing		Change Sail	

Spinnaker (downwind headsail)

* Luff length	<i>SLU</i>	9.81	<i>m</i>	<i>A</i>
* Leech length	<i>SLE</i>	9.78	<i>m</i>	<i>A</i>
* Half width	<i>SHW</i>	5.37	<i>m</i>	<i>A</i>
* Foot width	<i>SFL</i>	5.62	<i>m</i>	<i>A</i>
* OR ... Area	<i>SPA</i>		<i>m²</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 17/09/2024 at 15:14:53

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

Certificate notes

1. Correct use of the published ratings

Multiply the elapsed time by the TCC to obtain corrected time.

The TCC is calculated for the declared sail plan, which may or may not include a downwind headsail. For boats without a downwind headsail the words "(no downwind H/S)" appear after the TCC.

Boats with a full sailplan also have a "TCC 2" which excludes all downwind headsails. Strictly this is for use only when racing in a class specifically for boats without downwind headsails..

If boats with and without downwind headsails race together, the boats without downwind sails will have an advantage on upwind legs, and a disadvantage off the wind.

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 capsize 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	22	Valid only for data on this certificate.