

International 2.4 metre Measurement Form

Sail Number **GBR 125**

ISAF Plaque Number **857**

Owner **Ms. Megan Pascoe**

Name of yacht **Sucking Menthol**

Overall length			4.180
Overhang Forward to L1	+0.427		
Overhang Aft to L1	+0.661	→ -1.088 ✓	
Measured length			3.092
Girth at Bow	0.313		
Twice Vertical Height at Bow	-0.240 →	0.073 ✓	
1½ O at Bow		+0.109	
Girth at Stern	0.878		
Twice Vertical Height at Stern	-0.538 →	0.340	
Add 1/3 O at Stern		+0.117	
Add any penalty at O2		+0.000 →	+0.226
Sum of Girth difference			
Correct length, L			3.318
Skin girth d to d1 Port	0.730		
Chain girth d to d1 Port	-0.730 →	+0.000	
Skin girth d to d1 Starboard	0.730		
Chain girth d to d1 Starb,	-0.730 →	+0.000	
d = d Port + d Starboard			+0.000
2 x d			
Add to find sum of L + 2d			3.318
Mean freeboard Bow O	+0.330		
Mean freeboard Midships D	+0.305		
Mean freeboard Stern	+0.305 →	0.940	
Sum of freeboards		0.317	-0.292
F=1/3 sum of freeboards			3.026
= L + 2d - F			
Penalty Displacement Rule D.7.2.	0.000		
LWL			
Corr LWL	-0.000 →	0.000	+0.000
Difference			
2 x difference			
Penalty Beam Rule D.7.3	0.770		
Beam			
Min beam	-0.720 →	0.000	+0.000
Deficiency			
4 x deficiency			+2.654
√S			
Total of Measurements L + 2d - F + √S			5.680
Divide by 2.37 = RATING =			2.396
Penalty Draft Rule D.7.1	0.975		
Draft			
Max draft	-1.000 →	0.000	+0.000
Excess			
3 x excess			
Penalty Tumble home D.7.4	0.000		
Tumble home			
Max Tumble home	-0.015 →	0.000	+0.000
Excess			
3 x excess			
FINAL RATING			2.396

Other Measurements recorded by measurer

Overall Length

Overhang Forward to L

Overhang Aft to L

Total Overhang (Sum overhang forward and aft)

Waterline Length (Overall Length - Total Overhang)

Minimum measured cockpit frame over water level when ballasted and swamped in accordance with rule C.5.2

Boat weight recorded by weighing according to rule C.5.1

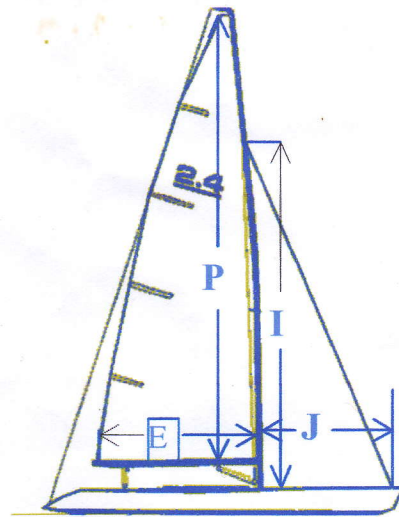
Boat weight including 35 kg ballast

Minimum weight by Rule D.7.2 $(0.2 \times \text{LWL} + 0.06)^3 \times 1.025$

	4.180
+0.544	
+0.661	
1.205 →	- 1.205
	2.975
	0.050
	254 Kg
	289 Kg
	288 Kg

Sail Dimensions

Outer point distance $P = 4.650$
 Forestay height $E = 1.960$
 Foretriangle base $I = 3.750$
 Foretriangle base $J = 1.560$



Mast measurements checked	✓
Height of mast datum point	✓
Rule C.8.2 (b) (2)	✓
Boom measurements checked	✓
Rudder thickness, Rule E.4.3	✓

Areas of Sail

Mainsail $0.5 \times P \times E =$

Foretriangle Total $0.5 \times I \times J =$

Foretriangle Total $\times 0.85$

Sail Area For Rating $= S =$

\sqrt{S}

	4.557 m ²
2.925 m ²	
	2.486 m ²
	7.043 m ²
	2.654

K. D. W
 RVA measurer.
 7/5/2014

Builder Charger Composites Designer Peter Norlin When Built 2014

Measured by KEITH GORDON Date of Measurement 7th May 2014

Complementary measured by Date of compl measurement.....

Certificate issued by Date of issue.....

name

CA

authority

.....

signature