

International 2.4 metre Measurement Form

Sail Number **GER 1**...

ISAF Plaque Number **920**...

Owner **D. B. S.**.....

Name of yacht **-**.....

Overall length			4.179
Overhang Forward to L1		+0.433	
Overhang Aft to L1	Total overhang	+0.659	→ -1.092
Measured length			3.087
Girth at Bow		0.314	
Twice Vertical Height at Bow	O at Bow	-0.240	→ 0.074
1½ O at Bow			+0.111
Girth at Stern		0.895	
Twice Vertical Height at Stern	O at Stern	-0.520	→ 0.375
Add 1/3 O at Stern			+0.125
Add any penalty at O2	Sum of Girth difference	+0.000	→ +0.286
Correct length, L			3.323
Skin girth d to d1 Port		0.735	
Chain girth d to d1 Port	d Port	-0.735	→ +0.000
Skin girth d to d1 Starboard		0.735	
Chain girth d to d1 Starb,	d Starboard	-0.735	→ +0.000
d = d Port + d Starboard	2 x d		0.000
Add to find sum of L + 2d			3.323
Mean freeboard Bow O		+0.326	
Mean freeboard Midships D		+0.296	
Mean freeboard Stern	Sum of freeboards	+0.296	→ 0.918
F=1/3 sum of freeboards	F, max 0.292		0.306
= L + 2d - F			-0.292
Penalty Displacement Rule D.7.2.	LWL	2.977	
Corr LWL	Difference	-2.977	→ 0.000
Penalty Beam Rule D.7.3	Beam	0.775	
Min beam	Deficiency	-0.720	→ 0.000
√S			+0.000
Total of Measurements L + 2d - F + √S			+2.654
Divide by 2.37 = RATING =			5.685
Penalty Draft Rule D.7.1	Draft	0.978	
Max draft	Excess	-1.000	→ 0.000
Penalty Tumble home D.7.4	Tumble home		+0.000
Max Tumble home	Excess	-0.015	→ 0.000
FINAL RATING			2.398

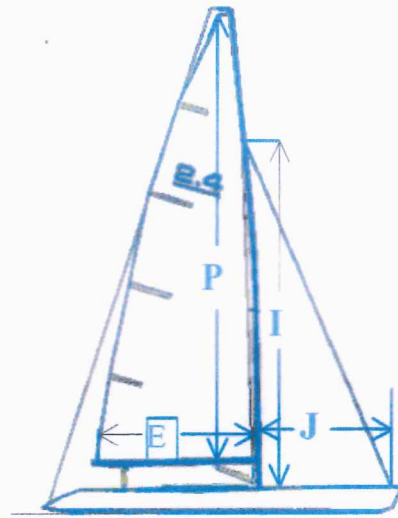
Other Measurements recorded by measurer

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 $(0.2 \times LWL + 0.06)^3 \times 1.025$

	4.179
+0.543	
+0.659	
→	-1.202
	2.977
	—
	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

J.P. Müller
 RYA measurer

Builder Charger Composites Designer Peter Norlin When Built 2015

Measured by Kerth Gordon Date of Measurement 15th June 2015

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

Certificate issued by Mathias Kortke Date of issue 29th July 2016

name
 CA German 2.4mR CA
 authority

signature
Mathias Kortke

