

International 2.4 metre Measurement Form

Sail Number

ISAF Plaque Number 654.....

Owner.....

Name of yacht

Overall length						4.18
Overhang Forward to L1				+ 0.43		
Overhang Aft to L1				+ 0.655		
Total overhang						→ -1.085
Measured length						3.095
Girth at Bow				0.312		
Twice Vertical Height at Bow			O at Bow	- 0.240		→ 0.072
1½ O at Bow						+ 0.108
Girth at Stern				0.898		
Twice Vertical Height at Stern			O at Stern	- 0.529		→ 0.369
Add 1/3 O at Stern						+ 0.123
Add any penalty at O2			Sum of Girth difference			+ → +0.231
Correct length, L						3.326
Skin girth d to d1 Port				0		
Chain girth d to d1 Port			d Port	- -		→ + -
Skin girth d to d1 Starboard						
Chain girth d to d1 Starb,			d Starboard	- -		→ + -
d = d Port + d Starboard			2 x d			+ -
Add to find sum of L + 2d						3.326
Mean freeboard Bow O				+ 0.327		
Mean freeboard Midships D				+ 0.291		
Mean freeboard Stern			Sum of freeboards	+ 0.298		→ 0.916
F=1/3 sum of freeboards			F, max 0.292			0.305
= L + 2d - F						- 0.292
Penalty Displacement Rule D.7.2.			LWL			3.034
Corr LWL			Difference			
2 x difference				-		→ + -
Penalty Beam Rule D.7.3			Beam	0.752		
Min beam			Deficiency	- 0.720		→ + -
4 x deficiency						
√S						+ 2.654
Total of Measurements L + 2d - F + √S						5.688
Divide by 2.37 = RATING =						2.400
Penalty Draft Rule D.7.1			Draft			
Max draft			Excess	- 1.000		→ + -
3 x excess						
Penalty Tumble home D.7.4			Tumble home			
Max Tumble home			Excess	- 0.015		→ + -
3 x excess						
FINAL RATING						2.400

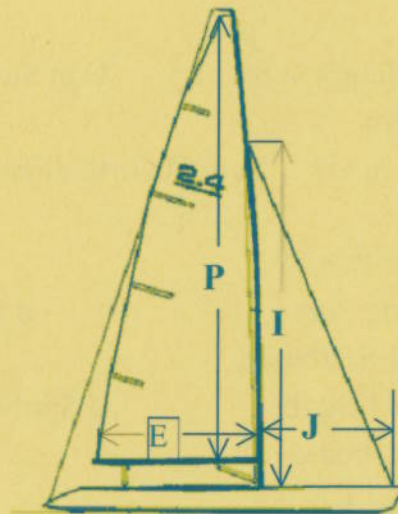
Other Measurements recorded by measurer

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 $(0.2 \times L_{WL} + 0.06)^3 \times 1025$

	4.180
+0.547	
+0.655	
→	-1.202
	2.978
	0.050
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

Outer point distance $P = 4.65$
 Forestay height $E = 1.96$
 Foretriangle base $I = 3.75$
 $J = 1.56$



Mast measurements checked	OK
Height of mast datum point Rule C.8.2 (b) (2)	36
Boom measurements checked	OK
Rudder thickness, Rule E.4.3	35

Areas of Sail

Mainsail $0.5 \times P \times E =$	4.357 m ²
Foretriangle Total $0.5 \times I \times J =$	2.925 m ²
Foretriangle Total $\times 0.85$	2.486 m ²
Sail Area For Rating = $S =$	7.043 m ²
\sqrt{S}	2.654

Builder Charger Composites Designer Nortin Peter When Built 2009 / 01

Measured by Jean Bjoendahl (FYA 0054) Date of Measurement 16.1.2009

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

Certificate issued by Date of issue.....

name

CA
 authority

.....
 signature