

International 2.4 metre Measurement Form

Sail Number 129

ISAF Plaque Number 524

Owner Ulf Arvidsson

Name of yacht

Overall length				4.186
Overhang Forward to L1				+ 0.430
Overhang Aft to L1				+ 0.662
Total overhang			1.092	→ - 1.092
Measured length				3.094
Girth at Bow				0.312
Twice Vertical Height at Bow				- 0.240
O at Bow				0.072
1½ O at Bow				+ 0.108
Girth at Stern				0.898
Twice Vertical Height at Stern				- 0.529
O at Stern				0.369
Add 1/3 O at Stern				+ 0.123
Add any penalty at O2				+ 0
Sum of Girth difference				→ + 0.231
Correct length, L				3.325
Skin girth d to d1 Port				
Chain girth d to d1 Port			d Port	- → + 0
Skin girth d to d1 Starboard				
Chain girth d to d1 Starb,			d Starboard	- → + 0
d = d Port + d Starboard			2 x d	0 + 0
Add to find sum of L + 2d				3.325
Mean freeboard Bow O				+ 0.327
Mean freeboard Midships D				+ 0.291
Mean freeboard Stern				+ 0.298
Sum of freeboards				0.916
F=1/3 sum of freeboards				0.305
F, max 0.292				- 0.292
= L + 2d - F				3.033
Penalty Displacement Rule D.7.2.			LWL	2.978
Corr LWL				- 2.978
Difference			2 x difference	+ 0
Penalty Beam Rule D.7.3			Beam	
Min beam				- 0.720
Deficiency			4 x deficiency	+ 0
√S				+ 2.654
Total of Measurements L + 2d - F + √S				5.687
Divide by 2.37 = RATING =				2.400
Penalty Draft Rule D.7.1			Draft	< 1.000
Max draft				- 1.000
Excess			3 x excess	+ 0
Penalty Tumble home D.7.4			Tumble home	
Max Tumble home				- 0.015
Excess			3 x excess	+ 0
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 $(0.2 \times \text{LWL} + 0.06)^3 \times 1025$

	4.186
+ 0,547	
+ 0,662	
→	- 1.209
	2.977
	254 Kg
	289 Kg
	289 Kg

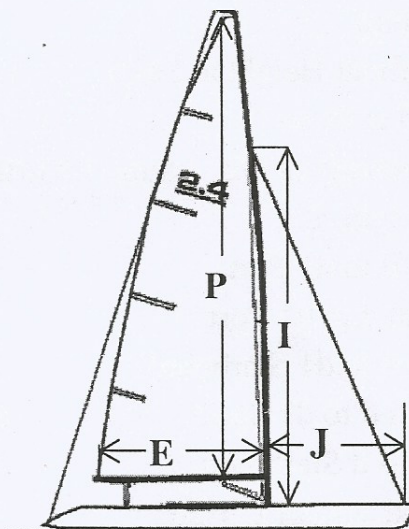
Sail Dimensions

P = 4.650

Outer point distance E = 1.960

Forestay height 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

Builder Vene Björndahl

Designer Peter Norlin

When Built 2006

Measured by Håkan Kellner
SWE 1128

Date of Measurement 2006-06-10

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

Certificate issued by Håkan Kellner

Date of issue 2006-06-12

CA Svenska 24m R Förbundet
authority

Håkan Kellner
signature