

International 2.4 metre Measurement Form

Sail Number SWE 177

ISAF Plaque Number 11

Owner Lennart Björn

Name of yacht

Overall length			4.182
Overhang Forward to L1		+ 0,432	
Overhang Aft to L1	Total overhang	+ 0,655	1,087 → - 1,087
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 →	+ 0,231
Correct length, L			3,326
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			3,326
Mean freeboard Bow O		+ 0,327	
Mean freeboard Midships D		+ 0,298	
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		2,978
Corr LWL	Difference	- 2,978 →	0 + 0
Penalty Beam Rule D.7.3	Beam		70,720
Min beam	Deficiency	- 0,720 →	0 + 0
√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		< 1,000
Max draft	Excess	- 1,000 →	0 + 0
Penalty Tumble home D.7.4	Tumble home		-
Max Tumble home	Excess	- 0,015 →	0 + 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 $(0.2 \times \text{LWL} + 0.06)^3 \times 1025$

	4.182
+ 0.549	
+ 0.655	
1.204 →	- 1.204
	2.978
	254 Kg
	289 Kg
	289 Kg

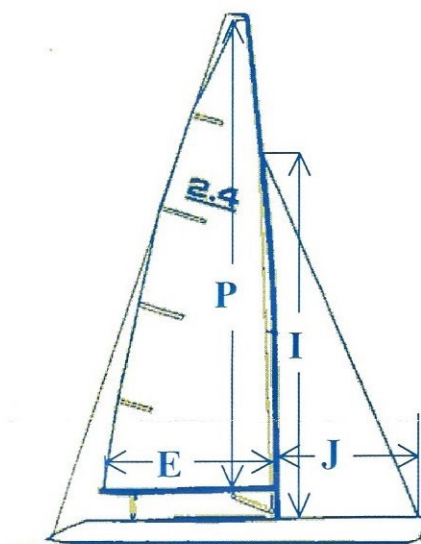
Sail Dimensions

$$P = 4.650$$

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 *1993*

Measured by.....

Date of Measurement

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

Certificate issued by *Håkan Kellner*

Date of issue *2007-01-04*

name
CA *Svenska 2.4 m R Förbundet*
authority

Håkan Kellner
signature