International 2.4 metre Measurement Form

Sail Number .FIN 124

Owner Petteri Gröönroos Name of yacht Overall length 4.182 Overhang Forward to L1 + 0.415Overhang Aft to L1 Total overhang + 0.660**→** - 1.075 Measured length 3.107 Girth at Bow 0.305 Twice Vertical Height at Bow O at Bow - 0,240 → 0.065 1½ O at Bow + 0.097 Girth at Stern 0.885 Twice Vertical Height at Stern O at Stern 0.365 $-0.520 \rightarrow$ Add 1/3 O at Stern 0.122 Add any penalty at O2 Sum of Girth difference \rightarrow + 0.219 Correct length, L 3.326 Skin girth d to d1 Port Chain girth d to d1 Port d Port + Skin girth d to d1 Starboard Chain girth d to d1 Starb, d Starboard \rightarrow d = d Port + d Starboard $2 \times d$ + Add to find sum of L + 2dMean freeboard Bow O + 0.327 + 0.291 Mean freeboard Midships D Mean freeboard Stern Sum of freeboards + 0.298 → 0.916 F=1/3 sum of freeboards F, max 0.292 0.305 0.292 = L + 2d - F3.034 Penalty Displacement Rule D.7.2. LWL Corr LWL Difference 2 x difference \rightarrow + Penalty Beam Rule D.7.3 Beam Min beam Deficiency 4 x deficiency - 0,720 \sqrt{S} + 2.654 Total of Measurements L + 2d - F + \sqrt{S} 5.688 Divide by 2.37 = RATING = 2.400 Penalty Draft Rule D.7.1 Draft Max draft Excess 3 x excess - 1,000 + Penalty Tumble home D.7.4 Tumble home Max Tumble home Excess 3 x excess -0,015 \rightarrow 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 $(0.2xLWL+0.06)^3 \times 1025$

	4.182	
+ 0.549		
+ 0.655		
\rightarrow	- 1.204	
	2.978	
	0.05	
	Kg	
	289 Kg	
	289 Kg	

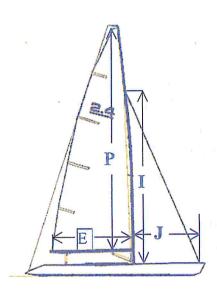
Sail Dimensions

P = 4.650

Outer point distance E = 1.960 Forestay height

3.750 Foretriangle base 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 x 0.85

Sail Area For Rating = S =

VS

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

Builder...V.ene-Björndahl.... Designer Peter Norlin

When Built. 2003.

Measured by .. R. Bjurström Lic nro 48 Date of Measurement .. 19.04.2003

Complementary measured by R.Bjurström. Date of complement... 20.07.2007.

Certificate issued by FYA Date of issue....

name

authority