

International 2.4metre Measurement Form

Name of Yacht ~~DEF 107~~ **NO RDEF** IYRU Plaque Number **0093**

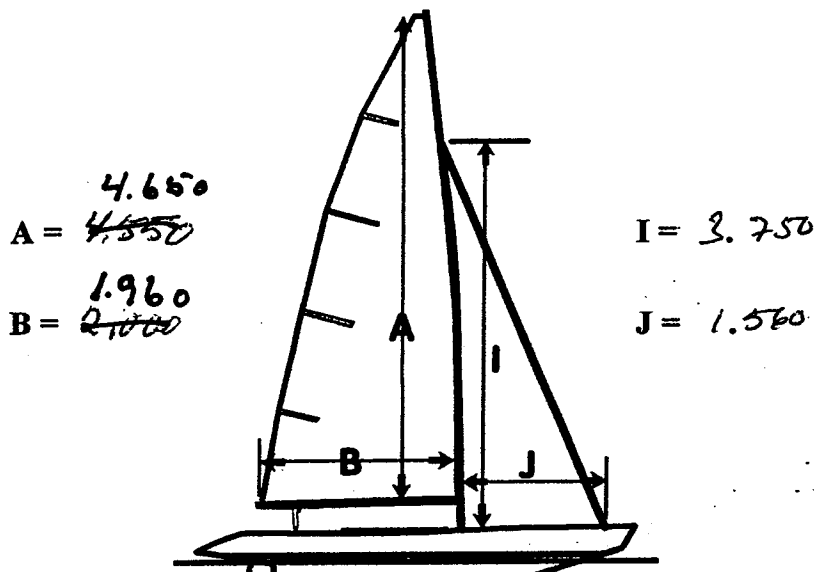
Sail Number **DEF 107** Owner.....

Overall length		4.182	
Add Overhang Forward to L1	0.432		
Overhang Aft to L1	0.655		
Total Overhang	.	→ + 1.087	
Measured Length (Overall length - Total Overhang)		3.695	
Girth at Bow	0.312		
Twice Vertical Height at Bow	0.240		
O at Bow	0.072		
Add 1 1/2 O at Bow		0.108	
Subtract Girth at Stern	0.898		
Twice vertical Height at Stern	0.529		
O at stern	0.349		
Add 1/3 O at Stern		0.123	
Add any penalty at O2		.	
Correct length, L		.	→ 3.326
Skin girth d to d1 Port	.	-	
- Chain girth d to d1 Port	.	-	
= Girth difference Port	.	→ .589	
Skin girth d to d1 Starboard	.		
- Chain girth d to d1 Starboard	.		
= Girth difference Starboard	.	→ .	
Add Girth difference Port and Starboard		.	-
2 x sum of Girth difference			.
Add to find sum of L + 2d			.
Add Mean freeboard Bow O	0.327		
Mean freeboard Midships D	+ 0.291		
Mean Freeboard Stern O & O2	+ 0.298		
Sum of Freeboards	0.916		
Subtract 1/3 sum Freeboard, F(max 0.292)	.	→	- 0.292
= L+2d-F			3.034
\sqrt{S}			2.654
Total of Measurements $L+2d-F+\sqrt{S}$			5.688

Other Measurements recorded by measurer

Overall Length	4.182
Overhang Forward to L	0.549
Overhang Aft to L	+ 0.655
Total Overhang (Sum overhang forward & aft)	→ - 1.204
Waterline Length (Overall length - Total Overhang)	2.778
Beam at 1/3 Height of Midship Freeboard	0.750
Tumblehome	-
Minimum measured freeboard when ballasted and swamped in accordance with Rule 8.2	0.05
Weight recorded by weighing in measurer's presence (including 35kg ballast)	295 kg (260)
Minimum weight required by Rule $(0.2 \times LWL + 0.06)^3$	2.89 kg

Sail Dimensions



Areas of Sails

MEASURED WITHOUT SAILS

Mainsail $0.5 \times P \times E$	4.552 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

WENE-BJORNDAHL Ky

Builder..... Vasarakuja 6 puh./fax Designer **PETER NORLIN** When built..... 1996
 67100 KOKKOLA 968-8317950

Measured by..... *Esko Hyyppä* Date of measurement..... 14.2.1996
 ESKO HYYPPÄ
 FYA. LIL. N. FIN 0019