International 2.4metre Measurement Form

Name of Yacht.................................... IYRU Plaque Number..325

Sail Number Fin 120 Owner... Eero Kiiski

Measurement			
Overall length		4.182	
Add Overhang Forward to L1	0.415		
Overhang Aft to L1	0.660		
Total Overhang	.	➤ +1.075	
Measured Length (Overall length -Total Overhang)		3.107	
Girth at Bow	.305		
Twice Vertical Height at Bow	.240		
O at Bow	.065		
Add 1½ O at Bow		0.097	
Subtract Girth at Stern	.885		
Twice vertical Height at Stern	520		
O at stern	.365		
Add 1/3 O at Stern		0.122	
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	.	➤ . —	
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	.327		
Mean freeboard Midships D	+ .291		
Mean Freeboard Stern O & O2	+ .298		
Sum of Freeboards	.916		
	.		
Subtract 1/3 sum Freeboard, F(max 0.292)	.	➤	0.292
= L+2d-F			3.034
√S			2.654
Total of Measurements L+2d-F+√S			5.688
Divide by 2.37 = RATING=			2.400

Other Measurements recorded by measurer

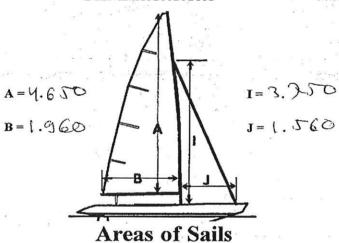|		
Overall Length		4·182
Overhang Forward to L	.549	
Overhang Aft to L	+ .655	
Total Overhang (Sum overhang forward & aft)	. →	-1·204
Waterline Length (Overall length - Total Overhang)		2·978
Beam at 1/3 Height of Midship Freeboard		0·250
Tumblehome	.	.
Minimum measured freeboard when ballasted and swamped in accordance with Rule 8.2		0·05
Weight recorded by weighing in measurer's presence (including 35kg ballast)		~~2655~~ 289 kg
Minimum weight required by Rule (0.2xLWL+0.06)³		289 kg

29.04.07
H. [signature]
FYA/ic. 048

Sail Dimensions

A = 4.650

B = 1.960

I = 3.250

J = 1.560

Areas of Sails

Mainsail 0.5xPxE	4.557 m²
Foretriangle Total (0.5xIxJ) =	2.925 m²
Foretriangle Total x 0.85 =	2.486 m²
Sail Area for Rating = S =	7.043 m²
$\sqrt{S}$	2.654

Builder. Vene-Björndahl Designer. Peter Norlin When built. 2002

Measured by. Richard Birnström
FYA LIC. No 038

Date of measurement 10.06.02

Norahls Odhan 21.03.2005