

International 2.4 metre Measurement Form

4

Name of Yacht ISAF Plaque Number 337

Sail Number Owner

Overall length

	4.186	
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Add Overhang Forward to L1
Overhang Aft to L1

0.430		
0.655		

Total Overhang

	→ - 1.085	
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Measured Length (Overall length - Total Overhang)

	3.095	
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Girth at Bow
Twice Vertical Height at Bow

0.312		
0.240		

O at Bow

0.072		
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Add O at Bow

	0.108	
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Subtract Girth at Stern
Twice vertical Height at Stern

0.898		
0.529		

O at stern

0.369		
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Add O at Stern

	0.123	
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Add any penalty at O2

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Correct length, L

	→ 3.326	
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Skin girth d to d1 Port
- Chain girth d to d1 Port

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-		

= Girth difference Port

	→ -	
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Skin girth d to d1 Starboard

- Chain girth d to d1 Starboard

.		
.		
.		

Girth difference Starboard

Add girth difference Port and Starboard

	→ -	
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2 x sum of Girth difference

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Add to find sum of L + 2d

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Add Mean freeboard Bow O
Mean freeboard Midships D
Mean freeboard Stern O & O2

0.327		
+ 0.291		
+ 0.298		

Sum of Freeboards

0.916		
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Subtract sum freeboard, F (max 0.292)

	→ - 0.292	
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= L + 2d - F

✓ S

3.034

Total of Measurements L+2d-F+✓ S

2.654

5.688

Divide by 2.37 = RATING =

2.400

Overall Length

Overhang Forward to L
Overhang Aft to L

Total Overhang (Sum overhang forward & aft)

Waterline Length (Overall length - Total Overhang)

Beam at $\frac{1}{3}$ Height of Midship Freeboard

Tumblehome

Minimum measured freeboard when ballasted and swamped in accordance with Rule 8.2

Weight recorded by weighing in measurer's presence (including 35kg ballast)

Minimum weight required by Rule $(0.2 \times LWL + 0.06)^3 \times 1.025$

	4.180
+	0.547
	→ - 1.202
	2.978
	0.752
	-
	0.05
	(260) x 295 kg
	28.9 kg

Sail Dimensions

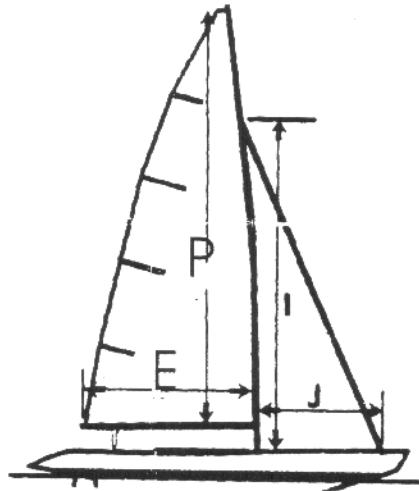
x 67kg + 14kg + 179kg

P = 4.650

E = 1.900

I = 3.750

J = 1.560



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 =

	4.557m ²
2.925m ²	
	2.486m ²
	7.049m ²
	2.654

VS LARSSON BJÖRNDALH Ky

Vasarakuja 6 puh./fax

Builder 100 KOKKOLA 968-8317950

MAR 2 III

Designer PETER NURLIN When Built 11. 2001

Measured by Esko Hyyppä Date of Measurement 26.11.2001

SPL/FYA LIC. 0019