

International 2.4metre Measurement Form



Name of Yacht..... 42^y zwei und vierzig IYRU Plaque Number...0166
 Sail Number GER 103 Owner...MATHIAS KORTKE

I Y R U

Overall length

Add Overhang Forward to L1
 Overhang Aft to L1

Total Overhang

Measured Length (Overall length - Total Overhang)

Girth at Bow
Twice Vertical Height at Bow

O at Bow

Add 1/2 O at Bow

Subtract Girth at Stern
 Twice vertical Height at Stern

O at stern

Add 1/3 O at Stern

Add any penalty at O2

Correct length, L

 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
 Mean freeboard Midships D
 Mean Freeboard Stern O & O2

Sum of Freeboards

Subtract 1/3 sum Freeboard, F(max 0.292)

= L+2d-F

\sqrt{S}

Total of Measurements L+2d-F+ \sqrt{S}

Divide by 2.37 = RATING=

	4.181 ✓	
0.431 ✓		
0.655 ✓		
	→ + 1.086	
	3.095	
0.313 ✓		
0.241		
0.072		
	0.108	
0.898		
0.529		
0.369		
	0.123	
	→ 3.320	
.		
- .		
.	→ . -	
.		
- .		
.	→ . -	
.	. -	
.	. -	
0.328		
+0.291 ✓		
+0.298		
0.917		
.		
.	→ - 0.292	
	3.034	
	2.654	
	5.688	
	2.400	

Other Measurements recorded by measurer

Overall Length
 Overhang Forward to L
 Overhang Aft to L
 Total Overhang (Sum overhang forward & aft)
 Waterline Length (Overall length - Total Overhang)
 Beam at 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 $(0.2 \times L_{WL} + 0.06)^3$

	4.181
0.548 ✓	
+ 0.655 ✓	
	→ - 1.203
	2.978
	0.753
	—
	0.05
	259-266 kg
	~ 294
	289 kg

WHEN THE BOAT IS READY SHALL BE CHECKED BY MEASURER

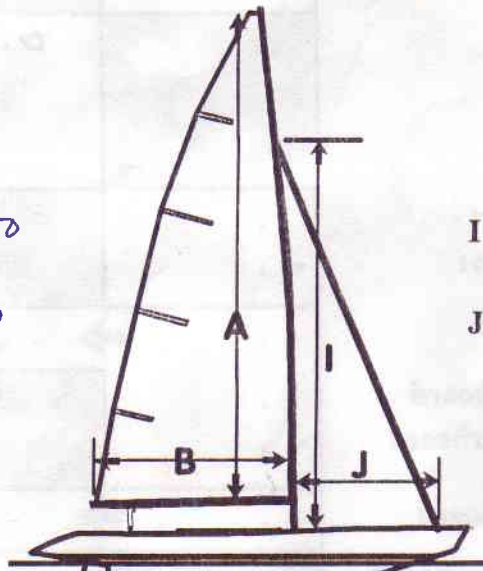
Sail Dimensions

A = 4.650

B = 1.960

I = 3.750

J = 1.560



Areas of Sails

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 =

√S

WENE-BJÖRNDAL Ky

Vasarakuja 6 puh./fax

Builder 77100 KOKKOLA 068-8317950

Designer (MARK III) PETER NORLIN

When built 2,1998

Measured by Esko Hyyppä FYA Lic. No 0019

Date of measurement 22.1998

4.537 m ²
2.925 m ²
2.486 m ²
7.043 m ²
2.654