

International 2.4 metre Measurement Form

Name of yacht

ISAF Plaque Number

Sail Number *SWE 413* Owner *Carl Ossiannsson*

Overall length		<i>4.174</i>	
Add Overhang Forward to L1	<i>0,459</i>		
Overhang Aft to L1	<i>0,600</i>		
Total overhang	<i>1.059</i> →	<i>-1.059</i>	
Measured length		<i>3.115</i>	
Girth at Bow	<i>0,312</i>		
Twice Vertical Height at Bow	<i>0,240</i>		
O at Bow	<i>0,072</i>		
Add 1½ O at Bow		<i>+ 0.108</i>	
Subtract Girth at Stern	<i>0,887</i>		
Twice Vertical Height at Stern	<i>0,550</i>		
O at Stern	<i>0,337</i>		
Add 1/3 O at Stern		<i>+ 0,112</i>	
Add any penalty at O2		<i>+ 0</i>	
Correct length, L		<i>+ 0,220</i> →	<i>3,335</i>
Skin girth d to d1 Port			
Chain girth d to d1 Port			
= Girth difference port	→	<i>0</i>	
Skin girth d to d1 Starboard			
Chain girth d to d1 Starboard			
= Girth difference Starboard	→	<i>0</i>	
Add Girth difference Port and Starboard		<i>0</i>	
2 x sum of Girth difference			<i>+ 0</i>
Add to find sum of L + 2d			<i>3.335</i>
Add Mean freeboard Bow O	<i>0,335</i>		
Mean freeboard Midships D	<i>0,310</i>		
Mean freeboard Stern O and O2	<i>0,295</i>		
Sum of freeboards	<i>0,940</i>		
Subtract 1/3 sum of freeboard, F (max 0.292)	<i>0,313</i> →		<i>- 0,292</i>
= L + 2d - F			<i>3,043</i>
√S			<i>2,644</i>
Total of Measurements L + 2d - F + √S			<i>5,687</i>
Divide by 2.37 = RATING =			<i>2,400</i>

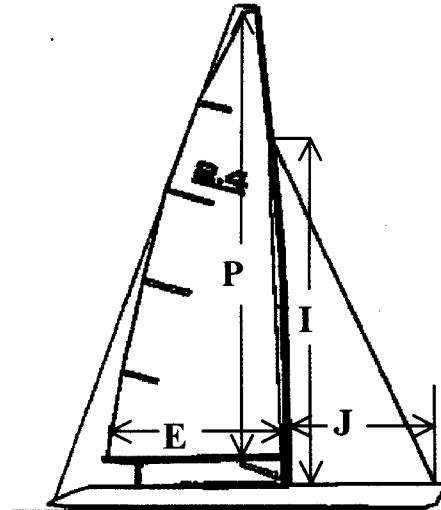
Other Measurements recorded by measurer

Overall Length
 Overhang Forward to L
 Overhang Aft to L
 Total Overhang (Sum overhang forward and aft)
 Waterline Length (Overall Length - Total Overhang)
 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 measurers presence
 (including 35 kg ballast)
 Minimum weight required by Rule $(0.2 \times L_{WL} + 0.06)^3 \times 1.025$

	4.174
0.501	
0,686	
1.267	- 1,267
	2,907
	0,736
	-
	236 Kg
	271 Kg
	270 Kg

Sail Dimensions

$P = 4.750$ $I = 3.750$
 $E = 1.910$ $J = 1.540$



Areas of Sail

Mainsail $0.5 \times P \times E =$
 Foretriangle Total $0.5 \times I \times J =$
 Foretriangle Total $\times 0.85$
 Sail Area For Rating = $S = \sqrt{S}$

	4.536 m ²
2.888 m ²	
	2.454 m ²
	6.991 m ²
	2.644

Builder..... Designer *Peter Norlin I* When Built *1982*

Measured by *Ove Barbro Hansen* Date of Measurement *1991-07-04*

Certificate issued by *Håkan Kellner* Falun *2003-05-20*

For *Svenska 2.4m R Förbundet*

Håkan Kellner