

# International 2.4metre Measurement Form

Name of Yacht

*GÉR 111*

IYRU Plaque Number

242

Sail Number

FIN 86

Owner

Rikard Bjurström

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)

3,095

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

0,855

Twice vertical Height at Stern

0,529

O at stern

0,369

Add 1/3 O at Stern

0,123

Add any Penalty at O2

Corrected length, L

3,326

Skin girth d to d1 Port

-Chain girth d to D1 Port

=Girth difference Port

0

Skin girth d to d1 Starboard

-Chain girth d to d1 Starboard

=Girth difference Starboard

0

Add Girth difference Port and Starboard

0

2\* sum Girth difference

0

Add to find sum of L + 2d

3,326

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)

0,305

0,292

= L+2d-F

3,034

S^(1/2)

2,654

Total Measurement

5,688

Divide by 2.37 = RATING =

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  $(0.2 * LWL + 0.06)^3$

	4,182
0,549	
0,655	
	1,204
	2,978
	0,750
	0,05
	295
	289,0

## Sail Dimensions

A = 4,65

I = 3,75

B = 1,96


J = 1,56

## Areas of Sails

Mainsail $0.5 * P * E$		4,557
Foretriangle Total $(0.5 * I * J)$	2,925	
Foretriangle Total * 0.85		2,486
Sail Area for Rating = S =		7,043
$S^{0.5}$		2,654

Builder Vene-Björndahl Designer P.Norlin When built 1999

Measured by Nisse West Date of measurement 28.8.1999  
 Nisse West

	COUNTRY: <b>FIN</b>	MEASURER'S LIC. NO: <b>0038</b>
	BOAT TYPE: <b>2.4</b>	SAIL TYPE:
	MEASUREMENTS:	
	DATE: <b>28.08.99</b>	SIGNATURE: <i>Nisse West</i>

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