

# International 2.4 metre Measurement Form

Sail Number *NOR 95*

ISAF Plaque Number *Sk 315*

Owner *Frank Ingre Huth*

Name of yacht .....

Overall length			4,182
Overhang Forward to L1	+ 0,432		
Overhang Aft to L1	+ 0,655	→ -1,087	
Measured length			3,095
Girth at Bow	0,312		
Twice Vertical Height at Bow	- 0,240 →	0,072	
1½ O at Bow		+ 0,108	
Girth at Stern	0,898		
Twice Vertical Height at Stern	- 0,529 →	0,369	
Add 1/3 O at Stern		+ 0,123	
Add any penalty at O2		+ →	+ 0,231
Sum of Girth difference			
Correct length, L			3,326
Skin girth d to d1 Port			
Chain girth d to d1 Port	- →	+	
Skin girth d to d1 Starboard			
Chain girth d to d1 Starb,	- →	+	
d = d Port + d Starboard			+ 0
2 x d			
Add to find sum of L + 2d			3,326
Mean freeboard Bow O	+ 0,327		
Mean freeboard Midships D	+ 0,291		
Mean freeboard Stern	+ 0,300 →	0,918	
Sum of freeboards		0,306	- 0,292
F=1/3 sum of freeboards			3,034
F, max 0.292			
= L + 2d - F			
Penalty Displacement Rule D.7.2.			
LWL			
Corr LWL	- →		+ 0
Difference			
2 x difference			
Penalty Beam Rule D.7.3			
Beam			
Min beam	- 0,720 →		+ 0
Deficiency			
4 x deficiency			+ 2,654
√S			5,688
Total of Measurements L + 2d - F + √S			2,400
Divide by 2.37 = RATING =			
Penalty Draft Rule D.7.1			
Draft			
Max draft	- 1,000 →		+ 0
Excess			
3 x excess			
Penalty Tumble home D.7.4			
Tumble home			
Max Tumble home	- 0,015 →		+ 0
Excess			
3 x excess			
FINAL RATING			2,400



NOR 95

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)

Minimum measured cockpit frame over water level when ballasted and swamped in accordance with rule C.5.2

Boat weight recorded by weighing according to rule C.5.1

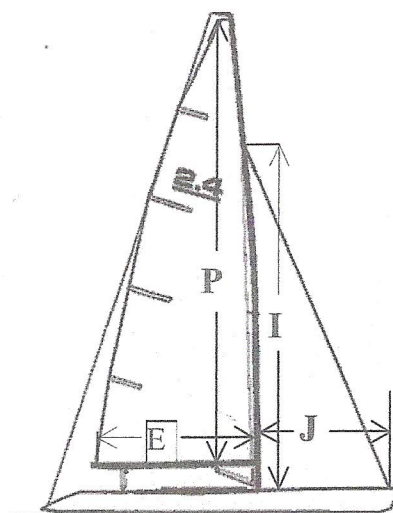
Boat weight including 35 kg ballast

Minimum weight by Rule D.7.2  $(0.2 \times \text{LWL} + 0.06)^3 \times 1025$

	4,182
+ 0,549	
+ 0,655	
→ - 1,204	
	2,978
	0,025
	257 Kg
	292 Kg
	289 Kg

Sail Dimensions

Outer point distance  $P = 4,650$   
Forestay height  $E = 1,960$   
Foretriangle base  $I = 3,750$   
 $J = 1,560$



Mast measurements checked	×
Height of mast datum point Rule C.8.2 (b) (2)	×
Boom measurements checked	×
Rudder thickness, Rule E.4.3	×

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  $= S =$

$\sqrt{S}$

	4,557 m <sup>2</sup>
2,925 m <sup>2</sup>	
	2,486 m <sup>2</sup>
	7,043 m <sup>2</sup>
	2,654

Builder *Vene Björndahl* Designer *Peter Norlin* When Built *1992*

Measured by *Stefan Ryatt* Date of Measurement *24/3-1993*

Complementary measured by *Ole Eide* Date of compl measurement *5/5-2010*

Certificate issued by *Hatald Rolfsnes* Date of issue *12/1-2012*

name *Norsk 2.4m R Klubb*  
authority

signature

