

International 2.4 metre Measurement Form

Sail Number NOR 139

ISAF Plaque Number Sk. 302

Owner Gjøvik Seilforening

Name of yacht

Overall length			4.182
Overhang Forward to L1		+ 0.432	
Overhang Aft to L1	Total overhang	+ 0.655	→ -1.087
Measured length			3.095
Girth at Bow		0.312	
Twice Vertical Height at Bow	O at Bow	- 0.240 →	0.072
1½ O at Bow			+ 0.108
Girth at Stern		0.890	
Twice Vertical Height at Stern	O at Stern	- 0.527 →	0.363
Add 1/3 O at Stern			+ 0.121
Add any penalty at O2	Sum of Girth difference	+ 0 →	+ 0.229
Correct length, L			3.324
Skin girth d to d1 Port			
Chain girth d to d1 Port	d Port	- →	+ 0
Skin girth d to d1 Starboard			
Chain girth d to d1 Starb,	d Starboard	- →	+ 0
d = d Port + d Starboard	2 x d		+ 0
Add to find sum of L + 2d			3.324
Mean freeboard Bow O		+ 0.327	
Mean freeboard Midships D		+ 0.291	
Mean freeboard Stern	Sum of freeboards	+ 0.300 →	0.918
F=1/3 sum of freeboards	F, max 0.292		0.306 - 0.292
= L + 2d - F			3.032
Penalty Displacement Rule D.7.2.	LWL	2.978	
Corr LWL	Difference	- 2.978 →	+ 0
Penalty Beam Rule D.7.3	Beam	0.750	
Min beam	Deficiency	- 0.720 →	+ 0
√S			+ 2.654
Total of Measurements L + 2d - F + √S			5.686
Divide by 2.37 = RATING =			2.399
Penalty Draft Rule D.7.1	Draft	< 1000	
Max draft	Excess	- 1,000 →	+ 0
Penalty Tumble home D.7.4	Tumble home		
Max Tumble home	Excess	- 0,015 →	+ 0
FINAL RATING			2.399

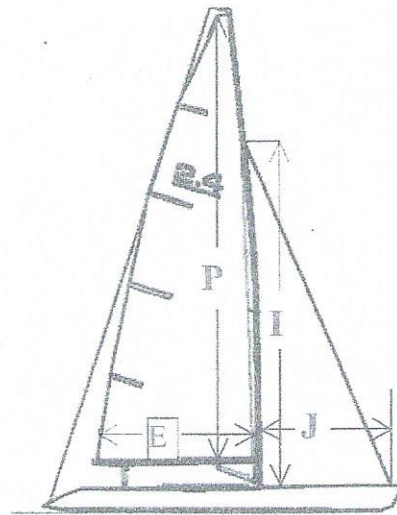
Other Measurements recorded by measurer

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 $(0.2 \times LWL + 0.06)^3 \times 1025$

	4.182
+ 0.549	
+ 0.655	
→ - 1.204	
	2.978
	254 Kg
	289 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 $0.5 \times P \times E =$	4.557 m ²
Foretriangle Total $0.5 \times I \times J =$	2.925 m ²
Foretriangle Total $\times 0.85$	2.486 m ²
Sail Area For Rating = $S =$	7.043 m ²
\sqrt{S}	2.654

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

Measured by *Stefan Ryatt* Date of Measurement *?*

Complementary measured by *Håkan Kellner* Date of compl measurement *15/7-2007*

Certificate issued by *Harald Røffnes* Date of issue *28/8-2020*

name *Norsk 24m R klubb*
 authority

signature *Harald Røffnes*

