International 2.4 metre Measurement Form

Sail Number NOR 129

ISAF Plaque Number 4.39....

Owner Svein Jakob Amdal	Name of yacht	
Overall langth	// /	

Overall length	4.193	
Overhang Forward to L1	+ 0.435	
Overhang Aft to L1 Total overhang	+0.666 >-1.101	
Measured length	0.392	2
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	0.898	
Twice Vertical Height at Stern O at Stern	-0.529→ 0.369	
Add 1/3 O at Stern	+0.123	i Ne
Add any penalty at O2 Sum of Girth difference	$+$ $0 \rightarrow + 0.23$	1
Correct length, L	3.323	3
Skin girth d to d1 Port		
Chain girth d to d1 Port d Port	- > + -	
Skin girth d to d1 Starboard		
Chain girth d to d1 Starb, d Starboard	- > + -	
d = d Port + d Starboard 2 x d	+ ~	
Add to find sum of $L + 2d$	3.323	
Mean freeboard Bow O	+ 0.327	
Mean freeboard Midships D	+ 0.291	
Mean freeboard Stern Sum of freeboards	+0.298> 0.916	
F=1/3 sum of freeboards F, max 0.292	0.305 -0.292	2
=L+2d-F	3.031	
Penalty Displacement Rule D.7.2. LWL		
Corr LWL Difference 2 x difference		
Penalty Beam Rule D.7.3 Beam		
Min beam Deficiency 4 x deficiency	y - 0,720 → + -	
√S	+2.65	4
Total of Measurements L + 2d - F + \sqrt{S}	5.689	1
Divide by 2.37 = RATING =	2,399	7
Penalty Draft Rule D.7.1 Draft		
Max draft Excess 3 x excess	-1,000 → + -	
Penalty Tumble home D.7.4 Tumble home		
Max Tumble home Excess 3 x excess	- 0,015 → + -	and the same of th
FINAL RATING	2,399	7

NOR 129, ISAF Nr 439

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 (0.2xLWL+0.06)³ x 1025

	4.193
+0.549	
+0.666	
->	-1.215
	2.978
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

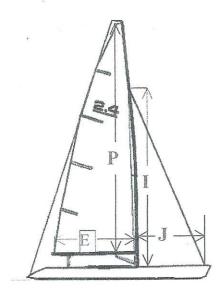
P = 4.650

Outer point distance E = 1.960

Forestay height I = 3.750

Foretriangle base 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 x 0.85

Sail Area For Rating = S =

VS

	4.557m ²
2.925 m ²	
	2,486 m2
	7.043 m ²
9	2.654

Builder Vene Björndahl Designer Peter Norlin When Built 2004

Measured by Hakan Rellner Date of Measurement 5/5-2004

Complementary measured by Per Lindell Date of complement 17/5-2007

Certificate issued by Harald 20/15/18/Date of issue 12/1,-20/19

CANOrsk 2.4m R Klubb

authority