International 2.4 metre Measurement Form

Sail Number NOR 81 ISAF Plaque Number 6k. 304

Owner Guido Riesen	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	0.898	
Twice Vertical Height at Stern O at Stern	-0.529 0.369	
Add 1/3 O at Stern	+0.123	
Add any penalty at O2 Sum of Girth difference	$+$ \rightarrow $+0.231$	
Correct length, L	3.326	
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 $L + 2d$	3.326	
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	
=L+2d-F	3.034	
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	-0,720 → +:	
\sqrt{S}	+2.654	
Total of Measurements L + 2d - F + \sqrt{S}	5.688	
Divide by 2.37 = RATING =	2.400	
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 > +	
FINAL RATING	2,400	

81, Sk 304

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

	4.182
+0.549	
+0.655	
\rightarrow	-1.204
	2,978
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

P= 4.650

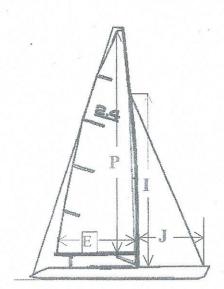
Outer point distance E = 1.960

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

2.925 m²

Builder Vene Björndahl Designer Peter Norlin When Built 1992

Measured by Ove Bortho Hansen Date of Measurement 10/8-1992

Complementary measured by Ole B. Fide. Date of compl measurement 14/6-2006

Certificate issued by Harald Rolfsner Date of issue 11/11-2020.

CANORSK 2-4m. R. Klubb

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