International 2.4 metre Measurement Form

Sail Number NOR 143

FINAL RATING

ISAF Plaque Number 492

Owner Bjarne Kristensen	Name of yacht	
Overall length	4.201	-
Overhang Forward to L1	+ 0.430	
Overhang Aft to L1 Total overhang	+0,678 -1.108	-
Measured length	3.093	-
Girth at Bow	0.313	
Twice Vertical Height at Bow O at Bow	-0,240 → 0.073	
1½ O at Bow	+0.110	
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	+ 0 → +0.233	-
Correct length, L	3.326	
Skin girth d to d1 Port		
Chain girth d to d1 Port d Port	\rightarrow $+$ o	
Skin girth d to d1 Starboard		
Chain girth d to d1 Starb, d Starboard	- → + <i>O</i>	
d = d Port + d Starboard 2 x d	0 + 0	- Company of the Comp
Add to find sum of $L + 2d$	3.326	
Mean freeboard Bow O	+ 0.325	
Mean freeboard Midships D	+0.300	
Mean freeboard Stern Sum of freeboards	+0.300-> 0.925	
F=1/3 sum of freeboards F , max 0.292	0.308 - 0.292	
=L+2d-F	3.034	-
Penalty Displacement Rule D.7.2. LWL		
Corr LWL Difference 2 x difference	> + 0	
Penalty Beam Rule D.7.3 Beam	0.760	
Min beam Deficiency 4 x deficiency		
\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 → + 0	
Penalty Tumble home D.7.4 Tumble home		
Max Tumble home Excess 3 x excess	- 0,015 → + 0	

NOR 143, ISAF 492

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

	4.201
+ 0.545	
+0.678	
->	-1.223
	2.978
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

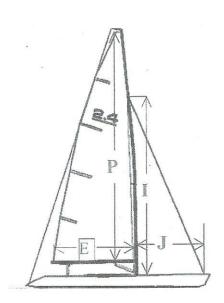
P= 4.650

Outer point distance E = 1.960

I = 3.750Forestay height

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

	4.537 m ²
2.925 m ²	
	2.486 m ²
	7.043 m ²
	2.654

Builder Vene Björndahl Designer Peter Norlin. When Built 2006

Measured by Håkan Kellner Date of Measurement 24/5-2012

Complementary measured by Date of compl measurement......

Certificate issued by Harald Rolfsnes Date of issue 11/6-2018

CANOrsk 2, 4 m R Klubb

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