## International 2.4 metre Measurement Form

Sail Number NOR 101 ISAF Plaque Number 313

Owner Roy Nilsen	Name of yacht
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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		+ - >	+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			+ 0
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	>		+ 0
Penalty Beam Rule D.7.3 Beam			
Min beam Deficiency 4 x deficiency	- 0,720 →		+ 0
$\sqrt{s}$			+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
FINAL RATING			2.400

## 15AF no. 313

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

	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

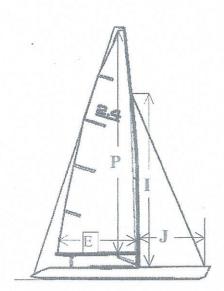
Forestay height

I = 3.750

Foretriangle base

I = 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 m<sup>2</sup>

BuilderVene Bibrndahl Designer Peter Norlin When Built 2001 Measured by Esko Hyyppa ... Date of Measurement 30/4-2001

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

Certificate issued by Harald Rolfshe Date of issue 12/11-2020

CANORSK 2.4m R Klubb

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