## International 2.4 metre Measurement Form

Sail Number NOR 105

ISAF Plaque Number 1.05

	11 110000 11001		
Owner Annar Bohlin Hansen	Name of yac	ht	
Overall length			4.182
Overhang Forward to L1	+0.432		
Overhang Aft to L1 Total overhang	+0.655	$\rightarrow$	-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	- >	+ 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 $L + 2d$			3.326
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	+ 0
Penalty Beam Rule D.7.3 Beam			
Min beam Deficiency 4 x deficiency	- 0,720 →	0	+ 0
$\sqrt{\mathbf{S}}$			+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

## NOR 105, 15AF 105

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	
*****	-1.204
	2.978
	0.54
	254 Kg
	289 Kg
	289 Kg

## Sail Dimensions

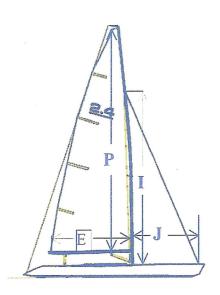
P = 4.650

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

	4.557m <sup>2</sup>
$2.925 \text{m}^2$	
Acceptance of the second secon	2.486 m <sup>2</sup>
	7.043 m <sup>2</sup>
	2.654

Builder Vene Björndahl Designer Peter Norlin

When Built. 1996

Measured by Esko Hyyppa Date of Measurement 1/12-1996

Complementary measured by H. Rolfsnes. Date of complement 12/6-2013

Certificate issued by Harald Rolfsnes Date of issue 24/5 - 2023

CANorsk 2.4m R Klubb

authority