International 2.4 metre Measurement Form

Sail Number NOR 84 ISAF Plaque Number 5k, 187 357

Owner Jan Atle Yndestad	Name of yacl	nt	
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	7 3		
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 \cdot 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
√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	1,000		
Max draft Excess 3 x excess Paralty Tymble home D 74 Tymble home	- 1,000		+ 0
Penalty Tumble home D.7.4 Tumble home Max Tumble home Excess 3 x excess	-0.015		+ 0
	- 0,015 →		2.400
FINAL RATING			2.700

NOR84. ISAF no. 5k. 357

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
	2511
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

P= 4,650

Outer point distance

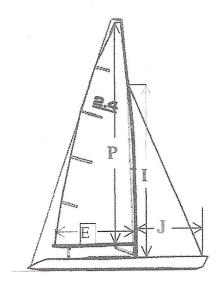
E= 1.960

Forestay height

Foretriangle base

I = 3.750 J = 1.560

-	Mast measurements checked		
1			
1	Height of mast datum point		
1	Rule C.8.2 (b) (2)		
1	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 =

 \sqrt{s}

	4.557m ²
2.925 m ²	
	2.486m ²
	7.043 m ²
	2.654

Builder Veine Björndahl Designer Peter Norlin

Measured by Esko Hyyppä. Date of Measurement 6/7-1993

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

Certificate issued by Harald Rolfings Date of issue 26

CANOrske 2, 4mp Klubb

Norsk 2.4mR Klubb