## International 2.4 metre Measurement Form

Sail Number *N.O.R.* 13.7

ISAF Plaque Number .437....

Owner Trong Sverre Forde	Name of yacht
Overall length	4,180
Overhang Forward to L1	+0.430
Overhang Aft to L1 Total overhang	+0.655 -1.085
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	
√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	0.015
Max Tumble home Excess 3 x excess	-0,015 > + -
FINAL RATING	2,400

## NOR 137 1SAF 437

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)<sup>3</sup> x 1025

	4.180
+0.547	
+0.655	
1021200	-1.202
	2,978
	254 Kg 289 Kg
	289 Kg

## Sail Dimensions

P = 4.650

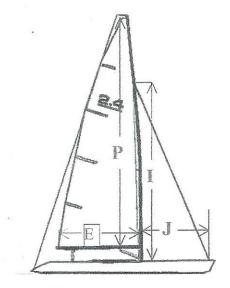
Outer point distance E = 1.960

Forestay height

I = 3.750

Foretriangle base J = 1.560

Mast measurements checked	28 286
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

	4.557 m <sup>2</sup>
2,925 m <sup>2</sup>	
	2,486 m <sup>2</sup>
	7.043 m <sup>2</sup>
	2.654

Builder Vené Björndahl Designer Peter Norlin When Built 2004

Measured by Esko Hyyppa Date of Measurement 24/3-2004

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

Certificate issued by H. Rolfsnes Date of issue 28/11-20 CANOrsk 2,4 mR Klubb Fares

signature

authority

Norsk 2.4mR Klubb