International 2.4 metre Measurement Form

Sail Number NOR 144

ISAF Plaque Number .6.53...

Owner Thor Ludvig Thorsen	Name of yacht
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Overall length	0.420	4.181
Overhang Forward to L1	+ 0.429	
Overhang Aft to L1 Total overhang	+ 0.660	→ -1.089
Measured length	1010	3.092
Girth at Bow	0.313	
Twice Vertical Height at Bow O at Bow		0.073
1½ O at Bow		0.110
Girth at Stern	0.899	
Twice Vertical Height at Stern O at Stern		0,372
Add 1/3 O at Stern	+	0,124
Add any penalty at O2 Sum of Girth difference	+	$0 \rightarrow +0.234$
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 + 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	+0,300	0,918
F=1/3 sum of freeboards F, max 0.292		0.306 -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

NOR 144, 15AF 653

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

	4.181
+0,543	
+0.660	
\rightarrow	-1.203
	2.978
	254 Kg
	289 Kg
	289 Kg

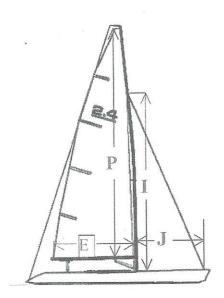
Sail Dimensions

P = 4.650

Outer point distance E = 1.960I = 3.750Forestay height

Foretriangle base J = 1.560

Mast measurements checked	1)
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 ²
2.925 m ²	
	2.486 m ²
	7.043 m ²
	2.654

Builder Charger Composites Designer Peter Norlin.

When Built 2008

Measured by Hakan Kellner. Date of Measurement 17/4-2008

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

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

CANOrsk 2,4m R Klubb authority

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