

International 2.4 metre Measurement Form

Sail Number *NOR 84*

ISAF Plaque Number *SK 357*

Owner *Reidar Sørheim*

Name of yacht

Overall length

Overhang Forward to L1

Overhang Aft to L1

Total overhang

Measured length

Girth at Bow

Twice Vertical Height at Bow

O at Bow

1½ O at Bow

Girth at Stern

Twice Vertical Height at Stern

O at Stern

Add 1/3 O at Stern

Add any penalty at O2 Sum of Girth difference

Correct length, L

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

Mean freeboard Bow O

Mean freeboard Midships D

Mean freeboard Stern

Sum of freeboards

F=1/3 sum of freeboards

F, max 0.292

= L + 2d - F

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

\sqrt{S}

Total of Measurements L + 2d - F + \sqrt{S}

Divide by 2.37 = RATING =

Penalty Draft Rule D.7.1

Draft

Max draft

Excess

3 x excess

Penalty Tumble home D.7.4

Tumble home

Max Tumble home

Excess

3 x excess

FINAL RATING

			4.182
+	0.432		
+	0.655	→	-1.087
			3.095
	0.312		
-	0.240	→	0.072
		+	0.108
	0.898		
-	0.529	→	0.369
		+	0.123
		+	→ +0.231
			3.326
-		→	+
-		→	+
			+
			0
			3.326
+	0.327		
+	0.291		
+	0.298	→	0.916
			0.305
			-0.292
			3.034
-		→	+
			0
-	0.720	→	+
			0
			+
			2.654
			5.688
			2.400
-	1,000	→	+
			0
-	0,015	→	+
			0
			2.400

NOR 84

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 $(0.2 \times \text{LWL} + 0.06)^3 \times 1025$

	4.182
+ 0.549	
+ 0.655	
→	- 1.204
	2.978
	0.030
	254 Kg
	289 Kg
	289 Kg

x

x

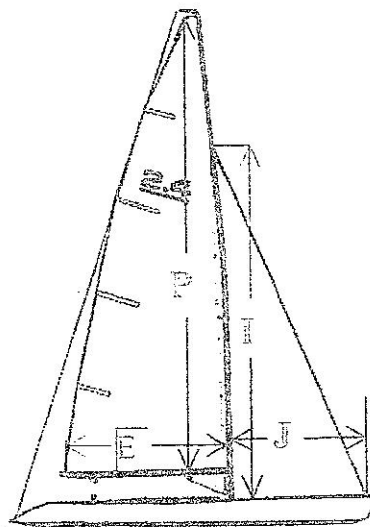
Sail Dimensions

P = 4.650

Outer point distance E = 1.960

Forestay height I = 3.750

Foretriangle base J = 1.560



Mast measurements checked	x
Height of mast datum point	x
Rule C.8.2 (b) (2)	x
Boom measurements checked	x
Rudder thickness, Rule E.4.3	x

Areas of Sail

Mainsail $0.5 \times P \times E =$

Foretriangle Total $0.5 \times I \times J =$

Foretriangle Total $\times 0.85$

Sail Area For Rating = S =

\sqrt{S}

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

Builder Vene Björndahl Designer Peter Norlin When Built 1993

Measured by Esko Hyyppe Date of Measurement 6/7 - 1993

x Complementary measured by H. Røfsnes Date of compl measurement 12/6 - 2013

Certificate issued by Harald Røfsnes Date of issue 14/6 - 2013 2AMR

name CA Norsk 2.4mR Klubb authority

signature Harald Røfsnes

