

International 2.4 metre Measurement Form

Sail Number NOR 83

ISAF Plaque Number Sk 353

Owner André Knudsen

Name of yacht

Overall length			4.182
Overhang Forward to L1	+ 0.432		
Overhang Aft to L1	+ 0.655	→ -1.087	
Measured length			3.095
Girth at Bow	0.312		
Twice Vertical Height at Bow	- 0.240 →	0.072	
1½ O at Bow		+ 0.108	
Girth at Stern	0.898		
Twice Vertical Height at Stern	- 0.529 →	0.369	
Add 1/3 O at Stern		+ 0.123	
Add any penalty at O2		+ - →	+ 0.231
Sum of Girth difference			
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			+ 0
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	+ 0.298 →	0.916	
Sum of freeboards			
F=1/3 sum of freeboards		0.305	- 0.292
F, max 0.292			
= L + 2d - F			3.034
Penalty Displacement Rule D.7.2.			
LWL			
Corr LWL	- →		+ 0
Difference			
2 x difference			
Penalty Beam Rule D.7.3			
Beam			
Min beam	- 0,720 →		+ 0
Deficiency			
4 x deficiency			
√S			+ 2.654
Total of Measurements L + 2d - F + √S			5.688
Divide by 2.37 = RATING =			2.400
Penalty Draft Rule D.7.1			
Draft			
Max draft	- 1,000 →		+ 0
Excess			
3 x excess			
Penalty Tumble home D.7.4			
Tumble home			
Max Tumble home	- 0,015 →		+ 0
Excess			
3 x excess			
FINAL RATING			2.400

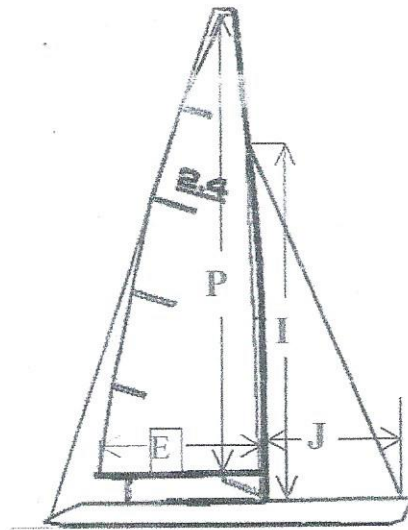
Other Measurements recorded by measurer

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

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

Sail Dimensions

Outer point distance $P = 4.650$
 Forestay height $E = 1.960$
 Foretriangle base $I = 3.750$
 $J = 1.560$



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

Areas of Sail

Mainsail $0.5 \times P \times E =$	4.557 m ²
Foretriangle Total $0.5 \times I \times J =$	2.925 m ²
Foretriangle Total $\times 0.85$	2.486 m ²
Sail Area For Rating = $S =$	7.043 m ²
\sqrt{S}	2.654

Builder Vene Björndahl Designer Peter Norlin When Built 1993

Measured by Esko Hyyppä Date of Measurement 24/5-1993

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

Certificate issued by Harald Rolfsnes Date of issue 29/8-2019

name Norsk 2.4mR Klubb
 authority

signature Harald Rolfsnes

