## International 2.4 metre Measurement Form

Sail Number NOR 136

ISAF Plaque Number Sk. 161

Owner Rolf-Arne Andressen	Name of yacht
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Overall length			4.178
Overhang Forward to L1	+0.429		/ 4 0 0
Overhang Aft to L1 Total overhan	+ 0.657		-1.086
Measured length			3.092
Girth at Bow	0,316		
Twice Vertical Height at Bow O at Bo	ow   -0,240 →		
1½ O at Bow		+0.114	
Girth at Stern	0.896		
Twice Vertical Height at Stern O at S	tern - 0.534 =	WISICIA	
Add 1/3 O at Stern		+0,121	
Add any penalty at O2 Sum of Girth diff	erence	+ 0 >	12-0-
Correct length, L			3.327
Skin girth d to d1 Port	0.728		and the second
Chain girth d to d1 Port	Port -0.728	+ 0	
Skin girth d to d1 Starboard	0.728		
Chain girth d to d1 Starb, d Star	board -0.728	> + 0	
d = d Port + d Starboard	2 x d		+ 0
Add to find sum of $L + 2d$			3.327
Mean freeboard Bow O	+0.327		
Mean freeboard Midships D	+0,297		
Mean freeboard Stern Sum of freebo	ards $+ 0.303$	0,927	
F=1/3 sum of freeboards $F$ , max	0.292	0.309	-0.292
=L+2d-F			3.035
Penalty Displacement Rule D.7.2.	WL 2.978		
Corr LWL Difference 2 x diffe	rence - 2.978	> 0	+ 0
Penalty Beam Rule D.7.3 Beam			
Min beam Deficiency 4 x def	iciency - 0,720 -	> 0	+ 0
$\sqrt{S}$			+2.654
Total of Measurements L + 2d - F + $\sqrt{S}$			5.689
Divide by 2.37 = RATING =			2,400
Penalty Draft Rule D.7.1 Draft			
Max draft Excess 3 x e	excess - 1,000	>	+ 0
Penalty Tumble home D.7.4 Tumble 1			
Max Tumble home Excess 3 x e	1	>	+ 0
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  $(0.2xLWL+0.06)^3 \times 1025$ 

	4.178
+0.543	
+0.657	
1.200 >	-1.200
	2,978
	254 Kg
	289 Kg
	289 Kg

## Sail Dimensions

P = 4.650

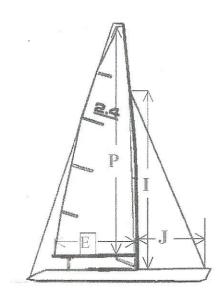
Outer point distance E = 1.960

Forestay height

I = 3.750

Foretriangle base J = 1.560

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



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>	100 May 100 Ma
	2.486 m <sup>2</sup>
	7.043 m <sup>2</sup>
	2,654

Builder Vene Björndahl Designer Peter Norlin When Built 1990

Measured by Pal Kragset NOR 467 Date of Measurement 4/4 - 2017

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

Certificate issued by H. Rolfshes.... Date of issue 5./4.-21.17.

Norsk 2.4m R Klubb authority

