## International 2.4 metre Measurement Form

Sail Number NOR 141 ISAF Plaque Number 5k. 317

Owner Ola Herje jr.	Name of yacht
Overall length	4.182
Overhang Forward to L1	+0.432
Overhang Aft to L1 Total overhan	$+0.655$ $\rightarrow -1.087$
Measured length	3.095
Girth at Bow	0.312
Twice Vertical Height at Bow O at Bo	ow -0,240 → 0.072
1½ O at Bow	+0.108
Girth at Stern	0.890
Twice Vertical Height at Stern O at S	Stern -0.527 > 0.363
Add 1/3 O at Stern	+0.121
Add any penalty at O2 Sum of Girth diff	ference $+ o \rightarrow + 0.229$
Correct length, L	3.324
Skin girth d to d1 Port	
Chain girth d to d1 Port	d Port $- \rightarrow + 0$
Skin girth d to d1 Starboard	
Chain girth d to d1 Starb, d Sta	rboard $- \rightarrow + o$
d = d Port + d Starboard	2 x d + 0
Add to find sum of $L + 2d$	3,324
Mean freeboard Bow O	+ 0.327
Mean freeboard Midships D	+0.291
Mean freeboard Stern Sum of freebo	pards + 0.298 > 0.916
F=1/3 sum of freeboards F, max	
=L+2d-F	3.032
Penalty Displacement Rule D.7.2.	LWL 2.978
Corr LWL Difference 2 x difference	erence $-2.978 \rightarrow + 0$
Penalty Beam Rule D.7.3 Beam	m 0.720
Min beam Deficiency 4 x def	ficiency   - 0,720 →   + 0
$\sqrt{S}$	+2.654
Total of Measurements L + 2d - F + $\sqrt{S}$	5.686
Divide by 2.37 = RATING =	2.399
Penalty Draft Rule D.7.1 Draft	
Max draft Excess 3 x 6	excess - 1,000 → + 0
Penalty Tumble home D.7.4 Tumble	home
Max Tumble home Excess 3 x 6	excess - 0,015 → + 0
FINAL RATING	2.399

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

	4.182
+0.549	
+0.655	
~~>	-1.204
	2.978
	255 Kg
	290 Kg
	289 Kg

## Sail Dimensions

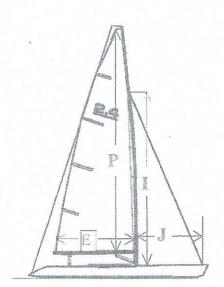
P = 4.650

Outer point distance E = 1.960

Forestay height I = 3.750

Foretriangle base J = 1.560

Mast measurements checked	
Height of mast datum point Rule C.8.2 (b) (2)	* u
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>	
Sun manual manual properties and a superior supe	2.486 m <sup>2</sup>
	7.043 m <sup>2</sup>
	2.654

Builder Vene Biorndahl Designer Peter Norlin When Built 1992 Measured by Esko. Hyy.ppia. Date of Measurement 15/9-1992

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

Certificate issued by Harald Rollsmer Date of issue 27/8 -2020. CANOrsk2,4m R klubb

Norsk 2.4mR Klubb