## International 2.4 metre Measurement Form

Sail Number NOR 136

ISAF Plaque Number Sk. 1.61

Owner Ola Herje jr:		Name of yacht
Overall length		4.1

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 $4 \times deficiency$ $\sqrt{S}$
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

2		
		4.178
+ 0.429		
+ 0.657	>	-1.086
		3.092
0.316		
- 0,240 →	0.076	
0006	+0.114	
0.896 -0.534→	0.362	
0.009	+0.121	
	+0 >	+0.235
		3.327
0.728		
-0.728	+ 0	
0.728		
-0,728->	+ 0	1
		+ 0
+0.327		3.34
+0.297		
+0.303	0.927	
1,000	0.309	- 0.292
		3.035
2.978	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	
-2.978->		+ 0
0.763		
- 0,720 →		+ 0
		+2.654
		5.689 2.400
		2.600
-1,000 →		+ 0
- 0,015 →		+ 0
		2.400

## NOR 136, 15 AF Nr. SK. 161

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
	2.978
T.	-
	254 Kg
	289 Kg
	289 Kg

## Sail Dimensions

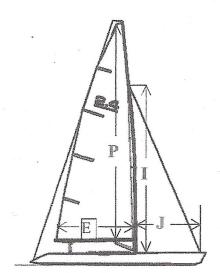
P = 4.650

Outer point distance E = 1.960

Forestay height I = 3.750Foretriangle base J = 1.560

Foretriangle base

Mast measurements checked	
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 <sup>2</sup>
2.925 m <sup>2</sup>	
	2486 m <sup>2</sup>
,	7.043 m <sup>2</sup>
	2.654

Builder Vene Björndahl Designer Poter Worlin When Built 1990

Measured by Pal Kragset NOR467 Date of Measurement 4/4-2017

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

Certificate issued by H. Rolfsnes Date of issue 27/11-2020

CANOrsk 2,4mR Klubb