## International 2.4 metre Measurement Form

Sail Number NOR 138

ISAF Plaque Number 5k.286

Owner Jan - Atle Yndestad	Name of yac	ht	
Overall length			4.182
Overhang Forward to L1	+0.434		
Overhang Aft to L1 Total overhang	+0.653	<b>→</b>	-1.087
Measured length			3.095
Girth at Bow	0.311		
Twice Vertical Height at Bow O at Bow	- 0,240 →	0.072	
1½ O at Bow		+0.108	
Girth at Stern	0.898		
Twice Vertical Height at Stern O at Stern	-0.529	0.369	
Add 1/3 O at Stern		+0.123	
Add any penalty at O2 Sum of Girth difference		+ / >	+ 0.231
Correct length, L			3.326
Skin girth d to d1 Port	-	And the second	
Chain girth d to d1 Port d Port		+ -	
Skin girth d to d1 Starboard			
Chain girth d to d1 Starb, d Starboard	car name	+ -	
d = d Port + d Starboard 2 x d			+
Add to find sum of $L + 2d$			3.326
Mean freeboard Bow O	+0.325		
Mean freeboard Midships D	+0.299		
Mean freeboard Stern Sum of freeboards	+0.300>	0.924	
F=1/3 sum of freeboards F, max 0.292		0.308	-0.292
= L + 2d - F			3.034
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	- 0,720 →		+ -
√S			+2.654
Total of Measurements L + 2d - F + $\sqrt{S}$			5.688
Divide by 2.37 = RATING =			2.400
Penalty Draft Rule D.7.1 Draft			
Max draft Excess 3 x excess	- 1,000 →		+ -
Penalty Tumble home D.7.4 Tumble home			
Max Tumble home Excess 3 x excess	- 0,015		+ -
FINAL RATING			2.400

## 138, Sk. 286

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)<sup>3</sup> x 1025

	4.182
+0.551	
+0.653	
	-1.204
	2.978
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions -

P=4.650

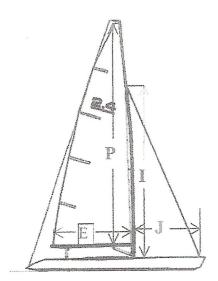
Outer, point distance E = 1.960

Forestay height I = 3.750

Foretriangle base

J = 1.560

	Mast measurements checked	
	Height of mast datum point	
1	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 x I x J = Foretriangle Total x 0.85 Sail Area For Rating = S = VS

2.925 m2 7.043 m

Builder / ene Björndahl Designer Peter Norlin When Built 1992 Measured by Håkan Kellner Date of Measurement 24/5-2012

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

Certificate issued by Harald Rolfsnes Date of issue 20/9-20 CANorsk 2.4mR Klubb Raiald Rolly-

authority