### International 2.4 metre Measurement Form

Sail Number NOR 131 ISAF Plaque Number 901

# Owner Bernhard Hansen Name of yacht

Overall langth					4.183
Overall length Overhang Forward to L1		+0.43	2 /		4.103
	al overhang	+0.66		_	-1.091
Measured length	ar Overming	0.00			3.092
Girth at Bow		0.312	2		5.0 12
Twice Vertical Height at Bow	O at Bow	- 0,240	_	0.072	
1½ O at Bow		7,24,10		+0.108	
Girth at Stern		0.88	8		
Twice Vertical Height at Stern	O at Stern	-0.52		0.365	
Add 1/3 O at Stern		0.02		+0.122	
Add any penalty at O2 Sum of	Girth difference			+>	+0.230
Correct length, L					3.322
Skin girth d to d1 Port					
Chain girth d to d1 Port	d Port	ED44	>	+	
Skin girth d to d1 Starboard					
Chain girth d to d1 Starb,	d Starboard	0000	taxaa.	+ -	
d = d Port + d Starboard	2 x d				+ 0
Add to find sum of $L + 2d$					3.322
Mean freeboard Bow O		+0.32	26		
Mean freeboard Midships D		+ 0.24	77		
Mean freeboard Stern Sum	of freeboards	+0.29	7->	0.920	
F=1/3 sum of freeboards	F, max 0.292			0.307	- 0.292
=L+2d-F					3.030
Penalty Displacement Rule D.7.2	LWL .	_		7 (40)	
Corr LWL Difference	2 x difference	4106	-		+ 0
Penalty Beam Rule D.7.3	Beam	0.763	3		
	4 x deficiency	- 0,720	->		+ 0
$\sqrt{S}$	-				+2.654
Total of Measurements $L + 2d - I$	$F + \sqrt{S}$				5.684
Divide by 2.37 = RATING =					2.398
Penalty Draft Rule D.7.1	Draft				
	3 x excess	- 1,000	- Course		+ -
Penalty Tumble home D.7.4		endingsystem .	• • .		
	3 x excess	- 0,015	$\rightarrow$		+ -
FINAL RATING					2.398

# NOR 131 ISAF 901

#### 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

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+0.545	
+0.660	
<b>→</b>	-1.205
	2.978
	254.3 Kg
	289.3Kg
	289 Kg

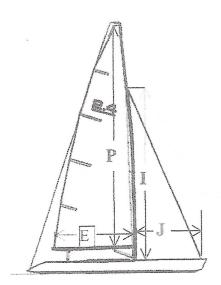
#### Sail Dimensions

P = 4.650

Outer point distance E = 1.960

Forestay height I = 3.750Foretriangle base J = 1.560

Mast measurements checked	
Height of mast datum point	
Rule C.8.2 (b) (2)	
Boom measurements checked	er ties et august augus
Rudder thickness, Rule E.4.3	38 mm



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

	4.557m2
2.925 m <sup>2</sup>	
	2.486 m <sup>2</sup>
	7.043m <sup>2</sup>
	2.654

Builder Charger Composifesesigner Peter Worlin

When Built 2014

Measured by Harald Rulfsnes Date of Measurement 11/4-2015

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

CANOrsk 2.4mR Klubb

authority

Certificate issued by Harald Rolfsnes Date of issue 26/1-2024