

International 2.4 metre Measurement Form

Sail Number NOR 130

ISAF Plaque Number 886.....

Owner Paal Bentzen

Name of yacht

Overall length			4.180
Overhang Forward to L1	+ 0.430		
Overhang Aft to L1	+ 0.658	→ -1.088	
Measured length			3.092
Girth at Bow	0.303		
Twice Vertical Height at Bow	-0.240	→ 0.073	
1½ O at Bow		+ 0.109	
Girth at Stern	0.890		
Twice Vertical Height at Stern	-0.525	→ 0.365	
Add 1/3 O at Stern		+ 0.122	
Add any penalty at O2		+ - → +0.231	
Sum of Girth difference			
Correct length, L			3.323
Skin girth d to d1 Port			
Chain girth d to d1 Port	-	→ + 0	
Skin girth d to d1 Starboard			
Chain girth d to d1 Starb,	-	→ + 0	
d = d Port + d Starboard			+ 0
2 x d			
Add to find sum of L + 2d			3.323
Mean freeboard Bow O	+ 0.327		
Mean freeboard Midships D	+ 0.299		
Mean freeboard Stern	+ 0.298	→ 0.924	
Sum of freeboards			
F=1/3 sum of freeboards		0.308	- 0.292
F, max 0.292			
= L + 2d - F			3.031
Penalty Displacement Rule D.7.2.			
LWL	-		
Corr LWL	-	→	+ 0
Difference			
2 x difference			
Penalty Beam Rule D.7.3			
Beam	0.762		
Min beam	-0.720	→	+ 0
Deficiency			
4 x deficiency			
√S			+ 2.654
Total of Measurements L + 2d - F + √S			5.685
Divide by 2.37 = RATING =			2.399
Penalty Draft Rule D.7.1			
Draft			
Max draft	-1,000	→	+ 0
Excess			
3 x excess			
Penalty Tumble home D.7.4			
Tumble home			
Max Tumble home	-0,015	→	+ 0
Excess			
3 x excess			
FINAL RATING			2,399

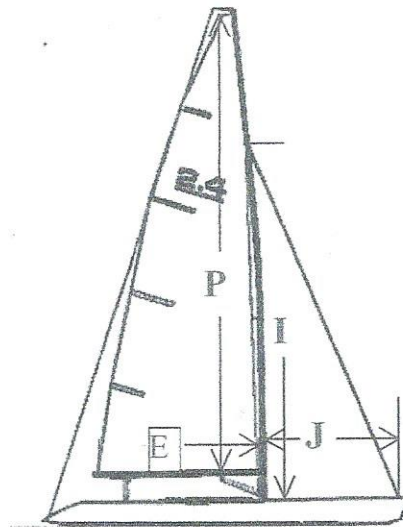
Other Measurements recorded by measurer

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 $(0.2 \times L \times WL + 0.06)^3 \times 1025$

	4.180
+0.544	
+0.658	
→ -1.202	
	2.978
	255 Kg
	290 Kg
	289 Kg

Sail Dimensions

Outer point distance $P = 4.650$
 Forestay height $E = 1.960$
 Foretriangle base $I = 3.750$
 $J = 1.560$



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 $\times 0.85$
 Sail Area For Rating = $S =$
 \sqrt{S}

	4.557 m ²
2.925 m ²	
	2.486 m ²
	7.043 m ²
	2.654

Builder Charger Composites Designer Peter Norlin When Built 2014

Measured by Erling Gangdal Date of Measurement 12/4-2015
NOR 367

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

Certificate issued by Harald Rolfsnes Date of issue 27/11-2017
 name
CA Norsk 2.4m R Klubb
 authority
Harald Rolfsnes
 signature

