

International 2.4 metre Measurement Form

Sail Number *NOR.121*

ISAF Plaque Number *0732*

Owner *Bjørnar Erikstad*

Name of yacht

Overall length			<u>4,182</u>
Overhang Forward to L1	+ 0,434		
Overhang Aft to L1	+ 0,657		-1,091
Measured length			<u>3,091</u>
Girth at Bow	0,314		
Twice Vertical Height at Bow	- 0,240	0,074	
1/2 C at Bow		+ 0,111	
Girth at Stern	0,893		
Twice Vertical Height at Stern	- 0,526	0,367	
Add 1/3 C at Stern		+ 0,122	
Add any penalty at C2	+ 0		+ 0,233
Correct length, L			<u>3,324</u>
Skin girth d to d1 Port	0,420		
Chain girth d to d1 Port	- 0,420	0	
Skin girth d to d1 Starboard	0,419		
Chain girth d to d1 Starb,	- 0,419	0	
d = d Port + d Starboard			0
Add to find sum of L + 2d			<u>3,324</u>
Mean freeboard Bow D	+ 0,326		
Mean freeboard Midships D	+ 0,296		
Mean freeboard Stern	+ 0,299	0,921	
F = 1/3 sum of freeboards		0,307	0,292
= L + 2d - F			<u>3,032</u>
Penalty Displacement Rule D.7.2.	2,978		
Corr LWL		0	0
Penalty Beam Rule D.7.3	0,762		
Min beam	- 0,720	0	0
\sqrt{S}			+ 2,654
Total of Measurements L + 2d - F + \sqrt{S}			<u>5,686</u>
Divide by 2.37 = RATING =			<u>2,399</u>
Penalty Draft Rule D.7.1	0,976		
Max draft	- 1,000		+ 0
Penalty Tumble home D.7.4	✓		
Max Tumble home	- 0,015		+ 0
FINAL RATING			<u>2,399</u>

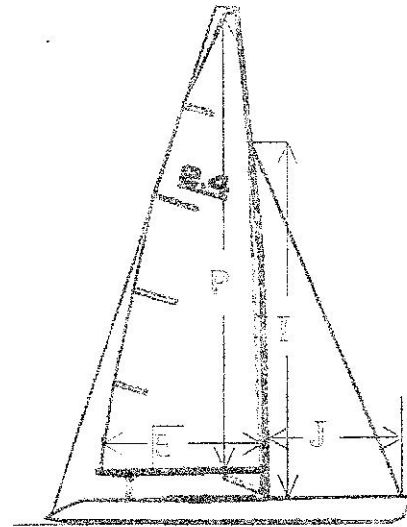
Other Measurements recorded by measurer

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 $(0.2 \times \text{LWL} + 0.06)^3 \times 1025$

	4.182
+ 0.547	
+ 0.657	
→ -1.204	
	2.978
	254 Kg
	289 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	OK
Height of mast datum point Rule C.8.2 (b) (2)	OK
Boom measurements checked	OK
Rudder thickness, Rule E.4.3	38 mm

Areas of Sail

Mainsail $0.5 \times P \times E =$	4.557 m ²
Foretriangle Total $0.5 \times I \times J =$	2.925 m ²
Foretriangle Total $\times 0.85$	2.486 m ²
Sail Area For Rating = $S =$	7.043 m ²
\sqrt{S}	2.654

Builder: *Charger Composites* Designer: *Peter Norlin* When Built: *2010*

Measured by: *Harald Rølfesnes* Date of Measurement: *29/6-2011*

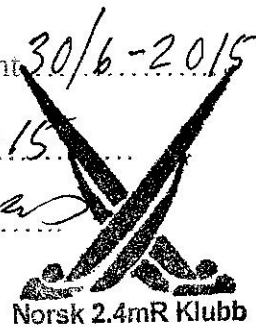
Complementary measured by: *H. Rølfesnes* Date of compl measurement: *30/6-2015*

Certificate issued by: *Harald Rølfesnes* Date of issue: *1/7-2015*

name: *Norsk 2.4m R Klubb*

authority

signature: *Harald Rølfesnes*



Norsk 2.4mR Klubb