

International 2.4 metre Measurement Form

Sail Number NOR 80

ISAF Plaque Number SK. 271

Owner Bjørn Ole G. - Larsen

Name of yacht

Overall length				4.182
Overhang Forward to L1	+ 0.432			
Overhang Aft to L1	+ 0.655		→ -1.087	
Measured length				3.095
Girth at Bow	0.312			
Twice Vertical Height at Bow	- 0.240	→	0.072	
1½ O at Bow			+ 0.108	
Girth at Stern	0.898			
Twice Vertical Height at Stern	- 0.529	→	0.369	
Add 1/3 O at Stern			+ 0.123	
Add any penalty at O2			+ 0	→ + 0.231
Sum of Girth difference				
Correct length, L				3.326
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				3.326
Mean freeboard Bow O	+ 0.327			
Mean freeboard Midships D	+ 0.291			
Mean freeboard Stern	+ 0.298	→	0.916	
Sum of freeboards				
F=1/3 sum of freeboards			0.305	- 0.292
F, max 0.292				
= L + 2d - F				3.034
Penalty Displacement Rule D.7.2.				
LWL				
Corr LWL	-	→		+ 0
Difference				
2 x difference				
Penalty Beam Rule D.7.3				
Beam				
Min beam	- 0.720	→		+ 0
Deficiency				
4 x deficiency				
√S				+ 2.654
Total of Measurements L + 2d - F + √S				5.688
Divide by 2.37 = RATING =				2.400
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				2.400

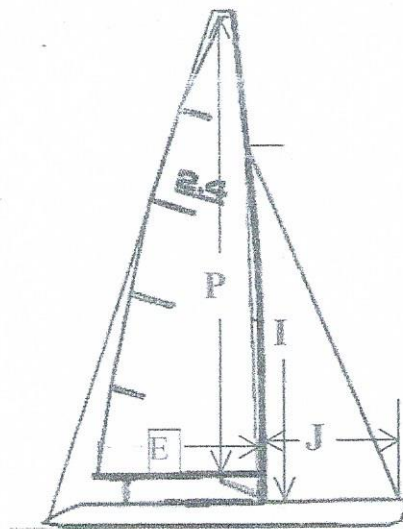
Other Measurements recorded by measurer

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 $(0.2 \times L_{WL} + 0.06)^3 \times 1025$

	4.182
+ 0.549	
+ 0.655	
→ -1.204	
	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 Vene Björndahl Designer Peter Norlin When Built 1992

Measured by Esko Hyppä Date of Measurement 28/1-1992

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

Certificate issued by Harald Rølfesnes Date of issue 1/11-2019
 name Norsk 2.4m R Klubb
 authority Harald Rølfesnes signature

