

# International 2.4 metre Measurement Form

Sail Number *NOR...107*

ISAF Plaque Number *Sk...356*

Owner *Alesund Seilforening*

Name of yacht .....

Overall length  
 Overhang Forward to L1  
 Overhang Aft to L1      Total overhang  
 Measured length  
 Girth at Bow  
 Twice Vertical Height at Bow      O at Bow  
 1½ O at Bow  
 Girth at Stern  
 Twice Vertical Height at Stern      O at Stern  
 Add 1/3 O at Stern  
 Add any penalty at O2      Sum of Girth difference  
 Correct length, L  
 Skin girth d to d1 Port  
 Chain girth d to d1 Port      d Port  
 Skin girth d to d1 Starboard  
 Chain girth d to d1 Starb,      d Starboard  
 d = d Port + d Starboard      2 x d  
 Add to find sum of L + 2d  
 Mean freeboard Bow O  
 Mean freeboard Midships D  
 Mean freeboard Stern      Sum of freeboards  
 F=1/3 sum of freeboards      F, max 0.292  
 = L + 2d - F  
 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  
 $\sqrt{S}$   
 Total of Measurements L + 2d - F +  $\sqrt{S}$   
 Divide by 2.37 = RATING =  
 Penalty Draft Rule D.7.1      Draft  
 Max draft      Excess      3 x excess  
 Penalty Tumble home D.7.4      Tumble home  
 Max Tumble home      Excess      3 x excess  
**FINAL RATING**

			4,182
+ 0,432			
+ 0,655		→ -1,087	
			3,095
0,312			
-0,240	→	0,072	
		+0,108	
0,898			
-0,529	→	0,369	
		+0,123	
		+ →	+0,231
			3,326
-	→	+	
-	→	+	
			+ 0
			3,326
+ 0,327			
+ 0,291			
+ 0,298	→	0,916	
		0,305	-0,292
			3,034
2,978			
-2,978	→	0	+ 0
0,750			
-0,720	→	0	+ 0
			+2,654
			5,688
			2,400
< 1,000			
-1,000	→		+ 0
-0,015	→		+ 0
			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  $(0.2 \times LWL + 0.06)^3 \times 1025$

	4.182	
+ 0.549		
+ 0.655		
→	-1.204	
	2.978	
	254 Kg	x
	289 Kg	x
	289 Kg	

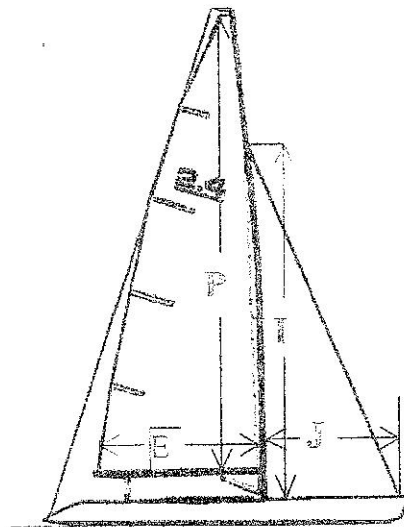
Sail Dimensions

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 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 <sup>2</sup>
2,925 m <sup>2</sup>	
	2,486 m <sup>2</sup>
	7,043 m <sup>2</sup>
	2,654

Builder Vene Björndahl Designer Peter Norlin When Built 1994

Measured by..... Date of Measurement .....

x Complementary measured by H. Rølfesnes Date of compl measurement 12/8-2011

Certificate issued by Harald Rølfesnes Date of issue 12/6-2013

name  
CA Norsk 2.4m R. klubb  
authority

Harald Rølfesnes  
signature

