nternational 2.4 metre Measurement Form

Sail Number NOR 99

ISAF Plaque Number .27.4...

Owner Rune NOR Hansen		Name of yacht			
Overall length					4.180
Overhang Forward to L1		+0.43	0		
Overhang Aft to L1 Total	ıl overhang	+0.65	5	->	-1.085
Measured length					3.095
Girth at Bow		0.312	-	State of the state	
Twice Vertical Height at Bow	O at Bow	- 0,240	\rightarrow	0.072	
1½ O at Bow				+0.108	
Girth at Stern		0.898			
Twice Vertical Height at Stern	O at Stern	-0,529	\rightarrow	0.369	
Add 1/3 O at Stern				+0.123	
Add any penalty at O2 Sum of	Girth difference			+ 0 >	+ 0.231
Correct length, L					3.326
Skin girth d to d1 Port			The same of the sa		
Chain girth d to d1 Port	d Port	andy .	→	+ -	The second
Skin girth d to d1 Starboard		and the second s			
Chain girth d to d1 Starb,	d Starboard		>	+ -	
d = d Port + d Starboard	$2 \times d$				+ -
Add to find sum of $L + 2d$					3.326
Mean freeboard Bow O	*	+0.32	27		
Mean freeboard Midships D	+0,29	10 0000			
Mean freeboard Stern Sum	of freeboards	+0.29	8->	0,916	
F=1/3 sum of freeboards	F, max 0.292			0.305	- 0,292
= L + 2d - F					3.034
Penalty Displacement Rule D.7.2. LWL				40.0	
Corr LWL Difference		ADM .			+ -
Penalty Beam Rule D.7.3	Beam				
Min beam Deficiency	4 x deficiency	- 0,720	\rightarrow		+ -
\sqrt{s}	_				+2.654
Total of Measurements L + 2d - F + \sqrt{S}					5,688
Divide by 2.37 = RATING =		Art 1			2.400
Penalty Draft Rule D.7.1	Draft		_		
Max draft Excess	3 x excess	- 1,000	->		J+
Penalty Tumble home D.7.4		1755 5000 40 4000			
Max Tumble home Excess	3 x excess	- 0,015	\rightarrow		+ -
FINAL RATING					2.400

99 ISAF Nr. 274

Other Measurements recorded by measure-

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 $(0.2xLWL+0.06)^3 \times 1025$

	4.180
+0.547	
+0.655	
→	-1.202
	2.978
	254 Kg 289 Kg
	289 Kg

Sail Dimensions

P = 4.650

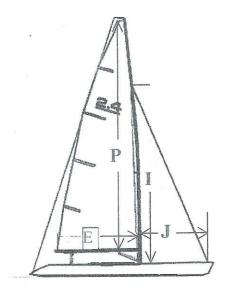
Outer point distance E = 1.960

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 x 0.85 Sail Area For Rating = S = VS

Builder Vene Birndahl Designer Peter Norlin When Built 1999

Measured by Esko. Hyuppa. Date of Measurement 31/9-1999

Complementary measured by H. Ro I fines. Date of compl measurement 2/6.-2010

Certificate issued by Harald Rolfsnes Date of issue 27/11-2017. CANORSK 2,4m R Klubb authority

Horsk 2.4mR Klubb