International 2.4 metre Measurement Form

Sail Number NOR 133 ISAF Plaque Number 476

Owner Anthony Hayers Name of yacht .....

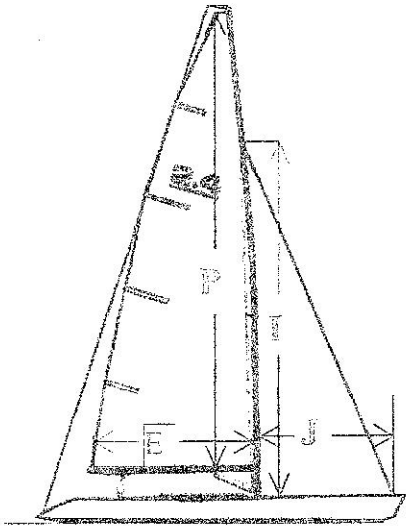
Overall length				4,188
Overhang Forward to L1		+ 0,435		
Overhang Aft to L1	Total overhang	+ 0,663	→	- 1,098
Measured length				3,090
Girth at Bow		0,312		
Twice Vertical Height at Bow	O at Bow	- 0,240 →	0,072	
1½ O at Bow			+ 0,108	
Girth at Stern		0,890		
Twice Vertical Height at Stern	O at Stern	- 0,525 →	0,365	
Add 1/3 O at Stern			+ 0,122	
Add any penalty at O2	Sum of Girth difference		+ 0 →	+ 0,230
Correct length, L				3,320
Skin girth d to d1 Port				
Chain girth d to d1 Port	d Port	- →	+ 0	
Skin girth d to d1 Starboard				
Chain girth d to d1 Starb,	d Starboard	- →	+ 0	
d = d Port + d Starboard	2 x d		0	+ 0
Add to find sum of L + 2d				3,320
Mean freeboard Bow O		+ 0,326		
Mean freeboard Midships D		+ 0,291		
Mean freeboard Stern	Sum of freeboards	+ 0,298 →	0,915	
F=1/3 sum of freeboards	F, max 0.292		0,305	- 0,292
= L + 2d - F				3,028
Penalty Displacement Rule D.7.2.	LWL	2,978		
Corr LWL Difference	2 x difference	- →		+ 0
Penalty Beam Rule D.7.3	Beam	0,750		
Min beam Deficiency	4 x deficiency	- 0,720 →		+ 0
$\sqrt{S}$				+2,654
Total of Measurements L + 2d - F + $\sqrt{S}$				5,682
Divide by 2.37 = RATING =				2,400
Penalty Draft Rule D.7.1	Draft	< 1,000		
Max draft Excess	3 x excess	- 1,000 →		+ 0
Penalty Tumble home D.7.4	Tumble home			
Max Tumble home Excess	3 x excess	- 0,015 →		+ 0
FINAL RATING				2,400

NOR 133 ISAF No. 476

Other Measurements recorded by measurer

Overall Length	4,188	
Overhang Forward to L	+0,547	
Overhang Aft to L	+0,663	
Total Overhang (Sum overhang forward and aft)	→	- 1.210
Waterline Length (Overall Length - Total Overhang)	2,978	x
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	254,8 Kg	x
Boat weight including 35 kg ballast	289,8 Kg	x
Minimum weight by Rule D.7.2 $(0.2xLWL+0.06)^3 \times 1025$	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 x P x E =	4,557 m^2
Foretriangle Total 0.5 x I x J =	2,925 m^2
Foretriangle Total x 0.85	2,486 m^2
Sail Area For Rating = S =	7,043 m^2
$\sqrt{S}$	2,654

Builder Vene Björndahl Designer Peter Norlin When Built 2005

Measured by Håkan Kellner Date of Measurement 2005-04-10

x Complementary measured by H. Rolfsnes Date of compl measurement 27/6-2015

Certificate issued by Harald Rolfsnes Date of issue 27/6-2015

name CA Norsk 2.4mR Klubb

authority

Harald Rolfsnes

signature

Norsk 2.4mR Klubb