## International 2.4 metre Measurement Form

Sail Number NOR. 117. ISAF Plaque Number 447....

And Parkage						
Owner Are Pedersen	• • • • • • • • • • • • • • • • • • • •	Name of	yacht			
Overall length					4.48	2
Overhang Forward to L1		+0.43	2			
Overhang Aft to L1 Total ove	rhang	+0.65	5	->	-1.0	87
Measured length					3.00	75
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		0.898				
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		-	+ _ =	+0.2	31
Correct length, L					3.32	The second secon
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	Total .	$\rightarrow \lceil$	+ -		
d = d Port + d Starboard.	2 x d			*	+ -	
Add to find sum of $L + 2d$					3.32	26
Mean freeboard Bow O		+ 0.32	7			
Mean freeboard Midships D		+0.29	1			
Mean freeboard Stern Sum of fre	eeboards	+0.298	$\Rightarrow$	0.916		
F=1/3 sum of freeboards F, r	nax 0.292			0.305	-0.2	92
=L+2d-F					3.0	
Penalty Displacement Rule D.7.2.	LWL	and with a result				
Corr LWL Difference 2 x c	difference	-	$\rightarrow$		+ -	
Penalty Beam Rule D.7.3	Beam				. <b>6</b>	
Min beam Deficiency 4 x	deficiency	- 0,720	$\rightarrow$		+ -	-
√S	and the second s				+2-6	554
Total of Measurements L + 2d - F + $\sqrt{s}$	5				5.6	.88
Divide by $2.37 = RATING =$					2.4	100
Penalty Draft Rule D.7.1 D						
Max draft Excess	1	- 1,000	$\rightarrow$		+	0
Penalty Tumble home D.7.4 Tum	ble home					
Max Tumble home Excess 3	x excess	- 0,015	$\rightarrow$		+	0
FINAL RATING					2.4	00

## NOR 147, ISAF no. 447

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

	4.182
+0.549	
+0.655	
$\rightarrow$	-1.204
	2.978
	255 Kg
	290 Kg
	289 Kg

## Sail Dimensions

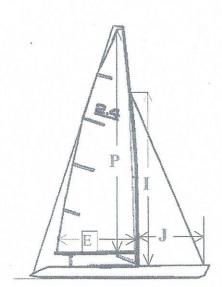
P= 4.650

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 x P x E =
Foretriangle Total 0.5 x I x J =
Foretriangle Total x 0.85
Sail Area For Rating = S =  $\sqrt{S}$ 

2.925 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 2004

Measured by Kjell Harthinsen Date of Measurement 10/7-2004

Complementary measured by H. RoHSMES Date of complement 6/9-2010

Certificate issued by Harald Rolfsnes Date of issue 11/11-2020

CANOISK 2.4m R Klubb
authority

signature

lorsk 2.4mR Klubb