International 2.4 metre Measurement Form

Sail Number NOR 105 ISAF Plaque Number 105

Owner Ola Herje		Name of	yach	nt	
Overall length			n T		4.182
Overhang Forward to L1		+ 0.43	32		
Overhang Aft to L1 Total	l overhang	+ 0.65	55	\rightarrow	-1.087
Measured length					3.095
Girth at Bow		0.312	2		
Twice Vertical Height at Bow	O at Bow	- 0,240	->	0,072	
1½ O at Bow				+0.108	
Girth at Stern		0.89	B		
Twice Vertical Height at Stern	O at Stern	-0.520	i->	0.369	
Add 1/3 O at Stern				+0.123	
Add any penalty at O2 Sum of	Girth difference			+ - >	+0.231
Correct length, L					3.326
Skin girth d to d1 Port					
Chain girth d to d1 Port	d Port	-	\rightarrow	+	
Skin girth d to d1 Starboard					
Chain girth d to d1 Starb,	d Starboard	wee	-	+	
d = d Port + d Starboard	2 x d				+ 0
Add to find sum of $L + 2d$					3.326
Mean freeboard Bow O		+0.32	7		
Mean freeboard Midships D		+ 0.29	1		
Mean freeboard Stern Sum	of freeboards	+0.298	3->	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				
Corr LWL Difference	2 x difference	4740-	-		+ 0
Penalty Beam Rule D.7.3	Beam				
Min beam Deficiency	4 x deficiency	- 0,720	>		+ 0
\sqrt{S}					+2.654
Total of Measurements $L + 2d - I$	$F + \sqrt{S}$				5.688
Divide by $2.37 = RATING =$					2.400
Penalty Draft Rule D.7.1	Draft				
Max draft Excess	3 x excess	- 1,000	>		+ -
Penalty Tumble home D.7.4					
Max Tumble home Excess	3 x excess	- 0,015	-		+ -
FINAL RATING				A President Maria La	2.400

NOR 105, 1SAF 105

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	
->	-1.204
	2.978
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

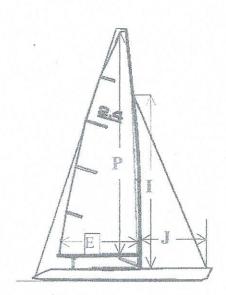
P = 4,650

Outer point distance E = 1,960

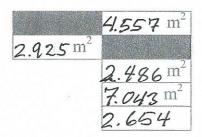
Forestay height I = 3.750

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



Builder Vene Birndahl Designer Peter Norlin When Built 1996

Measured by E.S.K. Hyg.pp.d. Date of Measurement 1/12-1996

Complementary measured by H-Rolfs no Date of complement 12/6-2013

Certificate issued by Harald Rolfsnes Date of issue 27/9-2020

CANOrsk 2,4mR Klubb

authority

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