International 2.4 metre Measurement Form

Sail Number NOR 104

ISAF Plaque Number 428

Owner André Liverud		Name of yacht			
Overall length		0 110	2.0		4.180
Overhang Forward to L1	11	+0.43	-		1 0000
	al overhang	+0,65	25	>	
Measured length		0015	,		3,095
Girth at Bow	A . D	0.312		4 070	
Twice Vertical Height at Bow	O at Bow	- 0,240	TENERSON DESIGNATION OF THE PERSON OF THE PE	0.072	
1½ O at Bow		A 0.0 c	March Charles of the	+0,108	
Girth at Stern		0.898	_ [
Twice Vertical Height at Stern	O at Stern	-0.529	MARKET DESCRIPTION	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	466	->	+ 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
Add to find sum of $L + 2d$					3,326
Mean freeboard Bow O		+0.32		Tay San	
Mean freeboard Midships D		+0,29	1		
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.7.3	2. LWL				
Corr LWL Difference	2 x difference	-	->	0	+ 0
Penalty Beam Rule D.7.3	Beam	The second secon			
Min beam Deficiency	4 x deficiency	- 0,720	\rightarrow	0	+ 6
\sqrt{s}					+2,654
Total of Measurements L + 2d -	$F + \sqrt{S}$				5.688
Divide by 2.37 = RATING =					2.400
Penalty Draft Rule D.7.1	Draft	Machine Machin			
Max draft Excess	3 x excess	- 1,000	eneng.		+ 0
Penalty Tumble home D.7.4					
Max Tumble home Excess		- 0,015	>		+ 0
FINAL RATING					2.400
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NOR 104, ISAF Nr. 428

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

	4.180
+0.547	
+0.655	
>	-1.202
	2,978
	254 Kg
	289 Kg
	289 Kg

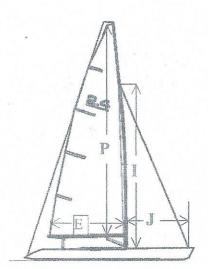
Sail Dimensions

P= 4.650

Outer point distance E = 1,960

Forestay height I = 3,750Foretriangle 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

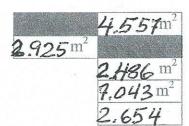
Mainsail $0.5 \times P \times E =$

Foretriangle Total $0.5 \times I \times J =$

Foretriangle Total x 0.85

Sail Area For Rating = S =

VS



Builder Vene Björndahl Designer Peter Norlin When Built 2004

Measured by ESko Hyyppa. Date of Measurement 6/2-2004

Complementary measured by H. Rolfs nes Date of complements 5/7-2010

Certificate issued by Harald Rolfsnes Day of issue 19/10-2021 CANOrsk 2.4mR Klubb Harald Rolpen

authority

k 2.4mR Klubb