International 2.4 metre Measurement Form

Sail Number NBR. 435

Penalty Tumble home D.7.4

Excess

Max Tumble home

FINAL RATING

ISAF Plaque Number 3.1.9.....

	-11					
Owner Per Helge Gausdal		Name of yacht				
Overall length		N Company			4.1	81
Overhang Forward to L1		+0.421	4.			
Overhang Aft to L1 Total	l overhang	+0.655	1	\rightarrow	-1.09	86
Measured length					3,0	95
Girth at Bow		0.312				
Twice Vertical Height at Bow	O at Bow	- 0,240	>	0.072		
1½ O at Bow			4	0.108		
Girth at Stern		0.898				
Twice Vertical Height at Stern	O at Stern	-0.529-	>	0.369		
Add 1/3 O at Stern			4	0.123		
Add any penalty at O2 Sum of	Girth difference		4	· / >	+ 0 .:	231
Correct length, L					3.3	26
Skin girth d to d1 Port						
Chain girth d to d1 Port	d Port	gates sold	> -	- 0		
Skin girth d to d1 Starboard						
Chain girth d to d1 Starb,	d Starboard	you so	→ -	- 0		
d = d Port + d Starboard	2 x d				+	0
Add to find sum of $L + 2d$					3.3	26
Mean freeboard Bow O		+ 0,32	2000			
Mean freeboard Midships D		+ 0.291				
Mean freeboard Stern Sum	of freeboards	+0,298	>	0.916		
F=1/3 sum of freeboards	F, max 0.292			0.305		292
=L+2d-F					3.0	34
Penalty Displacement Rule D.7.2						
Corr LWL Difference	2 x difference	Vasa an	>		+ .	0
Penalty Beam Rule D.7.3	Beam			**		
Min beam Deficiency	4 x deficiency	- 0,720	\rightarrow		+	0
\sqrt{S}	-					654
Total of Measurements L + 2d - F + \sqrt{S}					5, 6	688
Divide by $2.37 = RATING =$					2.4	100
Penalty Draft Rule D.7.1	Draft					
Max draft Excess	3 x excess	- 1,000	\rightarrow		+	0

Tumble home

3 x excess

- 0,015 →

NOR 135, 1SAF nr. 319

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

	4.181
+0.548	
+0.655	
\rightarrow	-1.203
	2.978
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

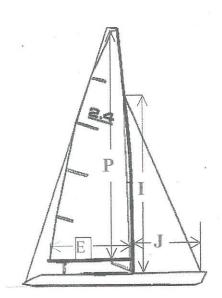
P= 4650

Outer point distance E = 1.960

I = 3.750Forestay height

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

	4.557m ²
$2.925\mathrm{m}^2$	
	2.486 m ²
	7.043 m ²
	2.654

Builder Vene Bjärndahl Designer Peter Norlin When Built 2001

Measured by Esko Hyyppä... Date of Measurement 19/5.-2001

Complementary measured by H. Kellner. Date of compl measurement. 12/6-2007

Certificate issued by Harald Rolfsnes Date of issue 25/6-2018

CANORSU 2,4mR Klubb Zarald Rolfs

authority