

International 2.4 metre Measurement Form

Sail Number **NOR 145**

ISAF Plaque Number **996**

Owner **Frank Inge Huth**

Name of yacht

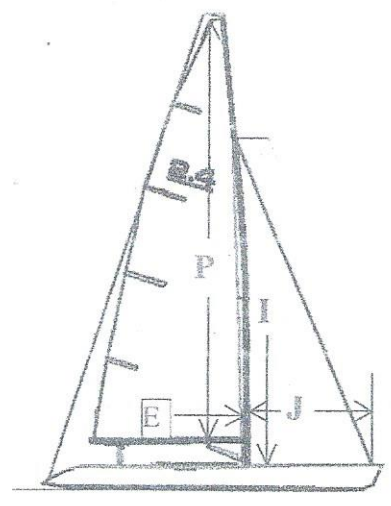
Overall length			4.183
Overhang Forward to L1		+ 0.433	
Overhang Aft to L1	Total overhang	+ 0.658	→ -1.091
Measured length			3.092
Girth at Bow		0.314	
Twice Vertical Height at Bow	O at Bow	- 0.240 →	0.074
1/2 O at Bow			+ 0.111
Girth at Stern		0.889	
Twice Vertical Height at Stern	O at Stern	- 0.525 →	0.364
Add 1/3 O at Stern			+ 0.121
Add any penalty at O2	Sum of Girth difference		+ 0 → + 0.232
Correct length, L			3.324
Skin girth d to d1 Port		0.715	
Chain girth d to d1 Port	d Port	- 0.715 →	+ 0
Skin girth d to d1 Starboard		0.723	
Chain girth d to d1 Starb,	d Starboard	- 0.723 →	+ 0
d = d Port + d Starboard	2 x d		+ 0
Add to find sum of L + 2d			3.324
Mean freeboard Bow O		+ 0.325	
Mean freeboard Midships D		+ 0.297	
Mean freeboard Stern	Sum of freeboards	+ 0.298 →	0.920
F=1/3 sum of freeboards	F, max 0.292		0.307 - 0.292
= L + 2d - F			3.032
Penalty Displacement Rule D.7.2.	LWL	2.980	
Corr LWL	Difference	- 2.980 →	+ 0
Penalty Beam Rule D.7.3	Beam	0.760	
Min beam	Deficiency	- 0.720 →	+ 0
\sqrt{S}			+ 2.654
Total of Measurements L + 2d - F + \sqrt{S}			5.686
Divide by 2.37 = RATING =			2.399
Penalty Draft Rule D.7.1	Draft		
Max draft	Excess	- 1,000 →	1.000 + 0
Penalty Tumble home D.7.4	Tumble home		
Max Tumble home	Excess	- 0,015 →	+ 0
FINAL RATING			2.399

Other Measurements recorded by measure-

Overall Length	4.183
Overhang Forward to L	+0.546
Overhang Aft to L	+0.657
Total Overhang (Sum overhang forward and aft)	→ -1.203
Waterline Length (Overall Length - Total Overhang)	2.980
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	258 Kg
Boat weight including 35 kg ballast	293 Kg
Minimum weight by Rule D.7.2 $(0.2 \times LWL + 0.06)^3 \times 1025$	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	X
Height of mast datum point	
Rule C.8.2 (b) (2)	X
Boom measurements checked	X
Rudder thickness, Rule E.4.3	X

Areas of Sail

Mainsail $0.5 \times P \times E =$	4.557m ²
Foretriangle Total $0.5 \times I \times J =$	2.925m ²
Foretriangle Total $\times 0.85$	2.486m ²
Sail Area For Rating = S =	7.043m ²
\sqrt{S}	2.654

Builder Oy KARP Group Ab Designer Peter Norlin When Built 2020

Measured by H. Rolfsnes Date of Measurement 10/8-2022

Complementary measured by..... Date of compl measurement.....

Certificate issued by Harald Rolfsnes Date of issue 11/8-2022

name Norsk 2.4m R. Klubb
 authority

Harald Rolfsnes
 signature

