International 2.4 metre Measurement Form

Sail Number ....   ISAF Plaque Number 834

Owner.............................   Name of yacht ....

|			
Overall length			4,181
Overhang Forward to L1		+ 0,430	
Overhang Aft to L1	Total overhang	+ 0,659 →	- 1,089
Measured length			3,092
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	- 0,530 →	0,368
Add 1/3 O at Stern			+ 0,123
Add any penalty at O2	Sum of Girth difference		+ 0,231 → + 0,231
Correct length, L			3,323
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	- →	+ —
d = d Port + d Starboard	2 x d	—	+ —
Add to find sum of L + 2d			—
Mean freeboard Bow O		+ 0,327	
Mean freeboard Midships D		+ 0,291	
Mean freeboard Stern	Sum of freeboards	+ 0,298 →	0910
F=1/3 sum of freeboards	F, max 0.292		0,305 → - 0,292
= L + 2d - F			3,031
Penalty Displacement Rule D.7.2.	LWL		
Corr LWL Difference	2 x difference	- →	+
Penalty Beam Rule D.7.3	Beam	0,802	
Min beam Deficiency	4 x deficiency	- 0,720 →	+ —
√S			+ 2,657
Total of Measurements L + 2d - F + √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 →	0,975 + —
Penalty Tumble home D.7.4	Tumble home		
Max Tumble home Excess	3 x excess	- 0,015 →	+ —
FINAL RATING			2,400

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 $(0.2 \times LWL + 0.06)^3 \times 1.025$

		4,181
+0,544		
+0,659		
	→	- 1,203
		2,978
		0,050
		254 Kg
		289 Kg
		289 Kg

Sail Dimensions

	P = 4,65
Outer point distance	E = 1,96
Forestay height	I = 3,75
Foretriangle base	J = 1,52
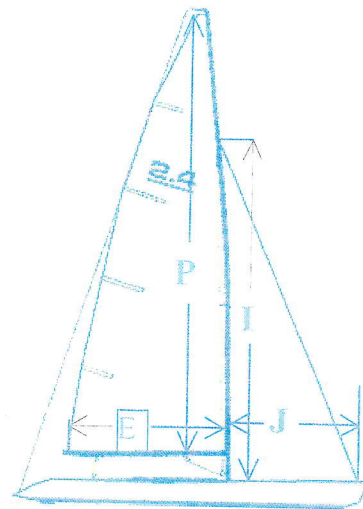
Mast measurements checked	Ok
Height of mast datum point Rule C.8.2 (b) (2)	Ok
Boom measurements checked	Ok
Rudder thickness, Rule E.4.3	Ok

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 =

$\sqrt{S}$

	4,557 m^2
2,925 m^2	
	2,486 m^2
	7,043 m^2
	2,654

Builder Changer Composites   Designer Peter Norlin   When Built 2013

Measured by Esko Hyrmä
Esko HYRMÄ FIN 0019   Date of Measurement 23.8.2013

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

Certificate issued by ....   Date of issue.........................
name
CA ....
authority   ....
                                              signature