

International 2.4 metre Measurement Form

Sail Number

ISAF Plaque Number **850**

Owner.....

Name of yacht

Overall length

Overhang Forward to L1

Overhang Aft to L1

Total overhang

Measured length

Girth at Bow

Twice Vertical Height at Bow

O at Bow

1½ O at Bow

Girth at Stern

Twice Vertical Height at Stern

O at Stern

Add 1/3 O at Stern

Add any penalty at O2 Sum of Girth difference

Correct length, L

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

Mean freeboard Midships D

Mean freeboard Stern

Sum of freeboards

F=1/3 sum of freeboards

F, max 0.292

= L + 2d - F

Penalty Displacement Rule D.7.2.

LWL

Corr LWL

Difference

2 x difference

Penalty Beam Rule D.7.3

Beam

Min beam

Deficiency

4 x deficiency

√S

Total of Measurements L + 2d - F + √S

Divide by 2.37 = RATING =

Penalty Draft Rule D.7.1

Draft

Max draft

Excess

3 x excess

Penalty Tumble home D.7.4

Tumble home

Max Tumble home

Excess

3 x excess

FINAL RATING

						4,180
					+ 0,429	
					+ 0,660	→ - 1,089
						3,092
					0,312	
					- 0,240 →	0,072
						+ 0,108
					0,898	
					- 0,529 →	0,369
						+ 0,123
					+ - →	+ 0,231
						3,323
					- →	+ 0
					- →	+ 0
						0 + 0
						3,323
					+ 0,327	
					+ 0,292	
					+ 0,298 →	0,917
						0,306
						- 0,292
						3,031
					- →	+ -
					0,769	
					- 0,720 →	+ 0
						+ 2,654
						5,685
						2,4
					- 1,000 →	+ -
					- 0,015 →	+ -
						2,4

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

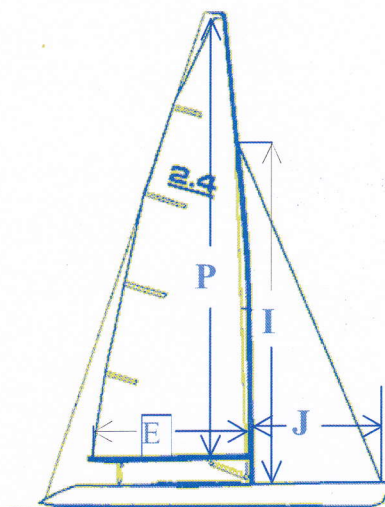
Minimum weight by Rule D.7.2 $(0.2 \times \text{LWL} + 0.06)^3 \times 1.025$

	4,180	
+ 0,546		
+ 0,460		
→ - 1,206	1,206	
	2,974	2,974
	0,050	
	2,54 Kg	
	2,89 Kg	
	2,89 Kg	

Sail Dimensions

Outer point distance P = 4,65
 Forestay height E = 1,96
 Foretriangle base I = 3,75
 J = 1,56

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 $0.5 \times P \times E =$

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

Foretriangle Total $\times 0.85$

Sail Area For Rating = S =

\sqrt{S}

	4,557 m ²
2,925 m ²	
	2,486 m ²
	7,043 m ²
	2,657

Builder Chargen Composites Designer Peter Norlin When Built 2014

Measured by Esko Hyppa FYA Date of Measurement 11.2.2014
Esko Hyppa 0019

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

Certificate issued by Date of issue.....

name

CA

authority

signature