

International 2.4 metre Measurement Form

Sail Number

ISAF Plaque Number 981

Owner

Name of yacht

Overall length				4.178
Overhang Forward to L1			+ 0.428	
Overhang Aft to L1	Total overhang		+ 0.658	→ -1.086
Measured length				3.094
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			0.888	
Twice Vertical Height at Stern	O at Stern		- 0.518 →	0.370
Add 1/3 O at Stern				+ 0.123
Add any penalty at O2	Sum of Girth difference		+ 0	→ + 0.231
Correct length, L				3.325
Skin girth d to d1 Port			0.732	
Chain girth d to d1 Port	d Port		- 0.732 →	+ 0
Skin girth d to d1 Starboard			0.732	
Chain girth d to d1 Starb,	d Starboard		- 0.732 →	+ 0
d = d Port + d Starboard	2 x d			0 + 0
Add to find sum of L + 2d				3.325
Mean freeboard Bow O			+ 0.327	
Mean freeboard Midships D			+ 0.297	
Mean freeboard Stern	Sum of freeboards		+ 0.299 →	0.923
F=1/3 sum of freeboards	F, max 0.292			0.308
= L + 2d - F				- 0.292
Penalty Displacement Rule D.7.2.	LWL		2.978	
Corr LWL	Difference	2 x difference	- 2.978 →	0 + 0
Penalty Beam Rule D.7.3	Beam		0.760	
Min beam	Deficiency	4 x deficiency	- 0.720 →	0 + 0
√S				+ 2.654
Total of Measurements L + 2d - F + √S				5.687
Divide by 2.37 = RATING =				2.400
Penalty Draft Rule D.7.1	Draft		0.986	
Max draft	Excess	3 x excess	- 1,000 →	0 + 0
Penalty Tumble home D.7.4	Tumble home		0	
Max Tumble home	Excess	3 x excess	- 0,015 →	0 + 0
FINAL RATING				2.400

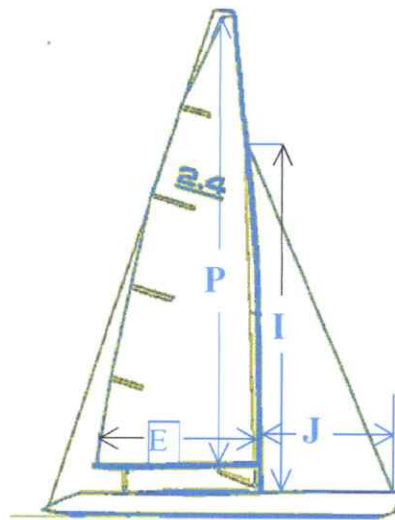
Other Measurements recorded by measurer

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

	4.178
+0.542	
+0.658	
→ -1.200	
	2.978
	0.05
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

Outer point distance $P = 4.650$
 Forestay height $E = 1.960$
 Foretriangle base $I = 3.750$
 $J = 1.560$



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
	2.654

Builder Charger Technology Designer Peter Norlin When Built 2018
 Measured by R. Björström 038 Date of Measurement 17.2.2018
 Complementary measured by Date of compl measurement.....
 Certificate issued by Date of issue.....
 name
 CA
 authority signature