

International 2.4 metre Measurement Form

Sail Number

ISAF Plaque Number 675

Owner.....

Name of yacht

Overall length					4,181
Overhang Forward to L1				+ 0,429	
Overhang Aft to L1				+ 0,660	→ - 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		- 0,529 →	0,369
Add 1/3 O at Stern					+ 0,123
Add any penalty at O2		Sum of Girth difference			+ → + 0,231
Correct length, L					3,323
Skin girth d to d1 Port					
Chain girth d to d1 Port			d Port	- 0 →	+ 0
Skin girth d to d1 Starboard					
Chain girth d to d1 Starb,			d Starboard	- 0 →	+ 0
d = d Port + d Starboard			2 x d		+ 0
Add to find sum of L + 2d					3,323
Mean freeboard Bow O				+ 0,327	
Mean freeboard Midships D				+ 0,292	
Mean freeboard Stern		Sum of freeboards		+ 0,298 →	0,917
F=1/3 sum of freeboards		F, max 0.292			0,306
= L + 2d - F					- 0,292
Penalty Displacement Rule D.7.2.			LWL		3,034
Corr LWL	Difference	2 x difference		- - →	+ -
Penalty Beam Rule D.7.3			Beam		
Min beam	Deficiency	4 x deficiency		0,769	
√S				- 0,720 →	+
Total of Measurements L + 2d - F + √S					+ 2,654
Divide by 2.37 = RATING =					5,685
Penalty Draft Rule D.7.1			Draft		2,400
Max draft	Excess	3 x excess		- 1,000 →	+
Penalty Tumble home D.7.4			Tumble home		
Max Tumble home	Excess	3 x excess		- 0,015 →	+
FINAL RATING					2,400

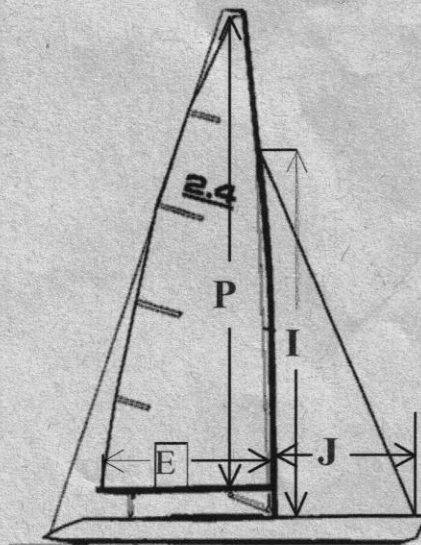
Other Measurements recorded by measurer

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 $(0.2 \times \text{LWL} + 0.06)^3 \times 1025$

	4,181
+0,547	
+0,660	
→ -1,207	
	2,974
	0,058
	254 Kg
	289 Kg
	289 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
	2,654

Builder CHARGER COMPOSITES Designer NORLIN When Built 2009

Measured by Tou Morin Date of Measurement 23.02.2009
 (FYA 0054)

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

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