International 2.4 metre Measurement Form

Sail Number ..... ISAF Plaque Number 676

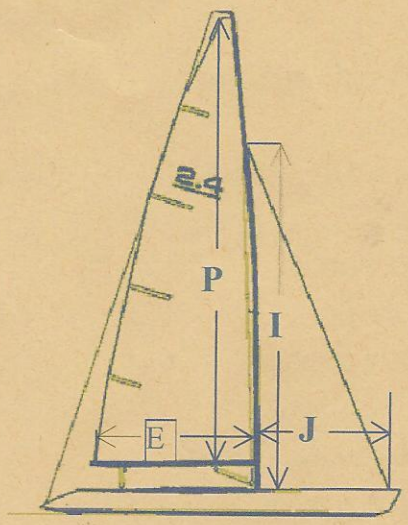
Owner..... Name of yacht .....

Overall length				4,18
Overhang Forward to L1			+ 0,143	
Overhang Aft to L1	Total overhang		+ 0,1655 →	- 1,085
Measured length				3,095
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			0,1898	
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				3,326
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				3,326
Mean freeboard Bow O			+ 0,1327	
Mean freeboard Midships D			+ 0,1291	
Mean freeboard Stern	Sum of freeboards		+0,1298 →	0,916
F=1/3 sum of freeboards	F, max 0.292			0,305 - 0,292
= L + 2d - F				3,034
Penalty Displacement Rule D.7.2.	LWL		–	
Corr LWL	Difference	2 x difference	- →	+ –
Penalty Beam Rule D.7.3	Beam		0,752	
Min beam	Deficiency	4 x deficiency	- 0,720 →	+ –
$\sqrt{S}$				+ 2,1654
Total of Measurements L + 2d - F + $\sqrt{S}$				5,1688
Divide by 2.37 = RATING =				2,400
Penalty Draft Rule D.7.1	Draft			
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	4,18
Overhang Forward to L	+0,547
Overhang Aft to L	+ 0,655
Total Overhang (Sum overhang forward and aft)	→ - 1,202
Waterline Length (Overall Length - Total Overhang)	2,978
Minimum measured cockpit frame over water level when ballasted and swamped in accordance with rule C.5.2	0,050
Boat weight recorded by weighing according to rule C.5.1	254 Kg
Boat weight including 35 kg ballast	289 Kg
Minimum weight by Rule D.7.2 $(0.2xLWL+0.06)^3$ x 1025	289 Kg

Sail Dimensions



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

Mast measurements checked	OK
Height of mast datum point Rule C.8.2 (b) (2)	36
Boom measurements checked	OK
Rudder thickness, Rule E.4.3	35

Areas of Sail

Mainsail 0.5 x P x E =	4,557 m^2
Foretriangle Total 0.5 x I x J =	2,925 m^2
Foretriangle Total x 0.85	2,486 m^2
Sail Area For Rating = S =	7,043 m^2
$\sqrt{S}$	2,654

Builder Charger Composites Designer NORLIN III When Built 2009

Measured by Tom Tønder FYA 0054 Date of Measurement 22.01.2009

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

Certificate issued by ..... Date of issue.....

name

CA .....

authority

.....

signature