International 2.4 metre Measurement Form

Sail Number ..... ISAF Plaque Number 982

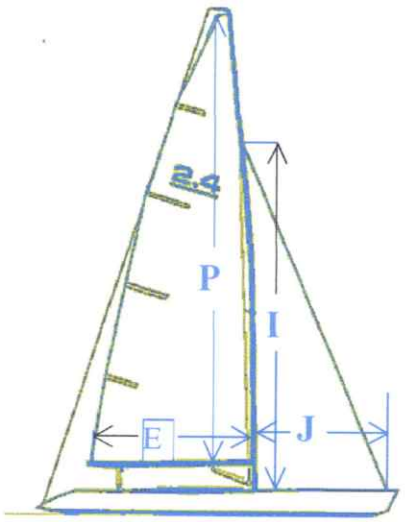
Owner..... Name of yacht .....

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	- 0.292
= L + 2d - F				
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
$\sqrt{S}$				+ 2.654
Total of Measurements L + 2d - F + $\sqrt{S}$				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	4.178
Overhang Forward to L	+0.542
Overhang Aft to L	+0.658
Total Overhang (Sum overhang forward and aft)	→ - 1.200
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	0.05
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 $(0.2 \times LWL+0.06)^3 \times 1.025$	289 Kg

Sail Dimensions



	P = 4.650
Outer point distance	E = 1.960
Forestay height	I = 3.750
Foretriangle base	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 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 Charge Technologen Designer Peder Norlin When Built 2018

Measured by R. Björström 038 Date of Measurement 14.02.2018

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

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

name

CA .....

authority

.....

signature