International 2.4 metre Measurement Form

Sail Number ……………..   ISAF Plaque Number *1.000*…………

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

Measurement				
Overall length				4,175
Overhang Forward to L1		+ 0,425		
Overhang Aft to L1	Total overhang	+ 0,654	→ -1,079	
Measured length				3,096
Girth at Bow		0,312		
Twice Vertical Height at Bow	O at Bow	- 0,240 →	0,072	
1½ O at Bow			+1,108	
Girth at Stern		0,888		
Twice Vertical Height at Stern	O at Stern	- 0,520 →	0,368	
Add 1/3 O at Stern			+1,123	
Add any penalty at O2	Sum of Girth difference		+0,000 → + 0,231	
Correct length, L				3,321
Skin girth d to d1 Port		0,730		
Chain girth d to d1 Port	d Port	- 0,730 →	+ 0,000	
Skin girth d to d1 Starboard		0,730		
Chain girth d to d1 Starb,	d Starboard	- 0,730 →	+ 0,000	
d = d Port + d Starboard	2 x d			+ 0,000
Add to find sum of L + 2d				3,321
Mean freeboard Bow O		+ 0,370		
Mean freeboard Midships D		+ 0,306		
Mean freeboard Stern	Sum of freeboards	+ 0,269 →	0,915	
F=1/3 sum of freeboards	F, max 0.292		0,305	- 0,292
= L + 2d - F				3,053
Penalty Displacement Rule D.7.2.	LWL	2,989		
Corr LWL Difference	2 x difference	- 2,989 →	0,000	+ 0,000
Penalty Beam Rule D.7.3	Beam	0,770		
Min beam Deficiency	4 x deficiency	- 0,720 →	0,000	+ 0,000
√S				+ 2,654
Total of Measurements L + 2d - F + √S				5,689
Divide by 2.37 = RATING =				2,400
Penalty Draft Rule D.7.1	Draft	0,998		
Max draft Excess	3 x excess	- 1,000 →	0,00	+ 0,00
Penalty Tumble home D.7.4	Tumble home			
Max Tumble home Excess	3 x excess	- 0,015 →	0,00	+ 0,00
FINAL RATING				2,400

Other Measurements recorded by measurer

Overall Length		4,175
Overhang Forward to L	+0,532	
Overhang Aft to L	+0,654	
Total Overhang (Sum overhang forward and aft)	→	-1,186
Waterline Length (Overall Length - Total Overhang)		2,986
Minimum measured cockpit frame over water level when ballasted and swamped in accordance with rule C.5.2		0,005
Boat weight recorded by weighing according to rule C.5.1		257 Kg
Boat weight including 35 kg ballast		292 Kg
Minimum weight by Rule D.7.2 $(0.2 \times LWL + 0.06)^3 \times 1.025$		292 Kg

Sail Dimensions

$$P = 4,650$$

Outer point distance $E = 1,960$
Forestay height $I = 3,750$
Foretriangle base $J = 1,560$

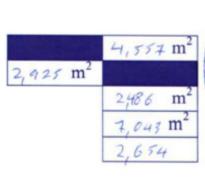|	
Mast measurements checked	✓
Height of mast datum point Rule C.8.2 (b) (2)	✓
Boom measurements checked	✓
Rudder thickness, Rule E.4.3	✓

Areas of Sail

Mainsail 0.5 x P x E =		4,557 m²
Foretriangle Total 0.5 x I x J =	2,925 m²	
Foretriangle Total x 0.85		2,486 m²
Sail Area For Rating = S =		7,043 m²
√S		2,654

Builder...SUPER 3 LTD....   Designer ...SUPER 3..........   When Built...2020....

Measured by...Jörg Feder....   Date of Measurement ...19. MAI. 20

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

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