

International 2.4 metre Measurement Form

Sail Number FIN-157

ISAF Plaque Number 605

Owner Evert Aartsen

Name of yacht

Overall length					4,18
Overhang Forward to L1				+0,430	
Overhang Aft to L1				+0,655	
Total overhang					→ -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				0,898	
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					3,326
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				+0,327	
Mean freeboard Midships D				+0,291	
Mean freeboard Stern		Sum of freeboards		+0,298 →	0,916
F=1/3 sum of freeboards		F, max 0.292			-0,292
= L + 2d - F					3,034
Penalty Displacement Rule D.7.2.		LWL		-	
Corr LWL		Difference		- →	+ -
Penalty Beam Rule D.7.3		Beam		0,752	
Min beam		Deficiency		-0,720 →	+ -
√S					+ 2,654
Total of Measurements L + 2d - F + √S					5,688
Divide by 2.37 = RATING =					2,400
Penalty Draft Rule D.7.1		Draft			
Max draft		Excess		-1,000 →	+ -
Penalty Tumble home D.7.4		Tumble home			
Max Tumble home		Excess		-0,015 →	+ -
FINAL RATING					2,400

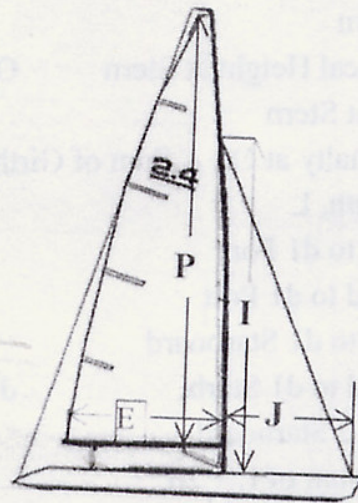
Other Measurements recorded by measurer

- 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 $(0.2 \times LWL + 0.06)^3 \times 1025$

	4,118
+ 0,547	
+ 0,655	
→ - 1,202	
	2,978
	0,650
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

- Outer point distance $P = 4,650$
- Forestay height $E = 1,960$
- Foretriangle base $I = 3,750$
- Foretriangle base $J = 1,560$



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

Builder CHARGER COMPOSITES Designer NORLIN When Built 12/2007

Measured by TOM BJORNDAL Date of Measurement 18.12.2007

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

Certificate issued by FYA 0054 Date of issue 15.3.2006

name
CA
authority

Jan Gørdler
signature



21.7.2008
Jackie Olsen