International 2.4 metre Measurement Form

Sail Number 7 N 157

ISAF Plaque Number

Owner Evert Aartsen

Name of yacht

Overall length

Overhang Forward to L1

Overhang Aft to L1

Total overhang

Measured length

Girth at Bow

Twice Vertical Height at Bow O at Bow

11/2 O at Bow

Girth at Stern

Twice Vertical Height at Stern O at Stern

Add 1/3 O at Stern

Add any penalty at O2 Sum of Girth difference

Correct length, L

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 $2 \times d$

Add to find sum of L + 2d

Mean freeboard Bow O

Mean freeboard Midships D

Mean freeboard Stern Sum of freeboards

F=1/3 sum of freeboards F, max 0.292

=L+2d-F

Penalty Displacement Rule 13.7.2. LWL

Corr LWL Difference 2 x difference

Penalty Beam Rule D.7.3

Beam Min beam Deficiency 4 x deficiency

 \sqrt{S}

Total of Measurements L + 2d - F + \sqrt{S}

Divide by 2.37 = RATING =

Penalty Draft Rule D.7.1 Draft

Max draft Excess 3 x excess

Penalty Tumble home D.7.4 Tumble home

Max Tumble home Excess 3 x excess

FINAL RATING

		4.181
+0,429		
+ 0.660	→	-1,089
		3,092
0,312		
- 0,240 →	540,0	-
	+0,103	
0.898	•	
-0,529 >	0,369	
	+0,123	
e	+>	+0,231
		3,323
		2,363
- -	+	
- →	+	
		+
+0,327	17 A.W. 1	3,323
+ 0, 292		
+0,298>	0.43	
10,2907	0,917	
	0,306	-0,292
		3,034
0,769		+
- 0,720 →		
0,720		+
	-	+2,654
		5,685
- · · ·		2,400
- 1,000 →		1
7,000	-	+
- 0,015 >		
0,013		+

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 $(0.2xLWL+0.06)^3 \times 1025$

	4,181
+0.547	
+0,660	
→	- 1,207
	2,974
	0,050
	254 Kg 289 Kg
	289 Kg

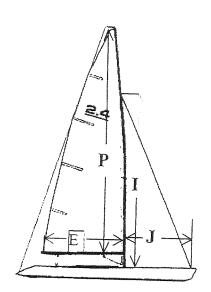
Sail Dimensions

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

$$I = 3.75$$

$$J = 1.56$$

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 $0.5 \times P \times E =$

Foretriangle Total $0.5 \times I \times J =$

Foretriangle Total x 0.85

Sail Area For Rating = S =

 \sqrt{s}

	4.557m2
2,925 m ²	
	2.486 m ²
	7,043 m2
	2,654

Builder Charger Composites Designer Peter Norlin When Built 2008

Measured by Tom Bicroclock! (FYA 0054)

Complementary measured by ... Date of complement.

Certificate issued by $\mp \gamma A$.. Date of issue |U, 7, 2009.

CA

authority



signature Jacobs Ollow