

# International 2.4 metre Measurement Form

Sail Number NED 56

ISAF Plaque Number 650

Owner.  

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

Overall length			4,18
Overhang Forward to L1		+ 0,430	
Overhang Aft to L1	Total overhang	+ 0,655	→ -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		0,305
= L + 2d - F			- 0,292
Penalty Displacement Rule D.7.2.	LWL		3,034
Corr LWL	Difference	- →	+ -
2 x difference			
Penalty Beam Rule D.7.3	Beam	0,752	
Min beam	Deficiency	- 0,720 →	+
4 x deficiency			+ 2,654
√S			
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 →	+ -
3 x excess			
Penalty Tumble home D.7.4	Tumble home		
Max Tumble home	Excess	- 0,015 →	+
3 x excess			
<b>FINAL RATING</b>			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

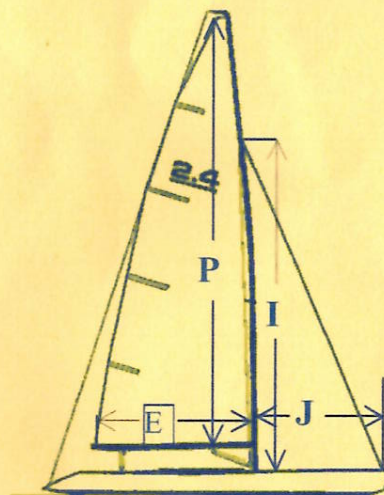
Minimum weight by Rule D.7.2  $(0.2 \times L_{WL} + 0.06)^3 \times 1025$

	4,18
+ 0,547	
+ 0,655	
→	- 1,202
	2,978
	0,650
	254 Kg
	289 Kg
	289 Kg

## Sail Dimensions

Outer point distance  $P = 4,65$   
 Forestay height  $E = 1,96$   
 Foretriangle base  $I = 3,75$   
 $J = 1,52$

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  $\times 0.85$

Sail Area For Rating  $= S =$

$\sqrt{S}$

	4,557 m <sup>2</sup>
2,925 m <sup>2</sup>	
	2,486 m <sup>2</sup>
	7,043 m <sup>2</sup>
	2,654

Builder CHARGER COMPOSITES Designer NORLIN When Built 07.2008

Measured by TOM BUDERWALD Date of Measurement 15.07.2008  
(FVA 0054)

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

Certificate issued by Ellen Vos Date of issue 20-7-2017

name

CA Watersportverbond  
 authority

signature

  
**watersportverbond**