

INTERNATIONAL A -CATAMARAN MEASUREMENT CERTIFICATE

This form is the certificate required as per the International Sailing Federation Rule 78

General Calculation Form

Boat information:

Manufacturer's Name: Geltek Designer: Aicher & Egner
 (Company)
 Date Manufactured: 2007 Yacht Name: _____

Sail Number DEN 4

First owners name and address:

First Name: Frederik Last name: Stage-Nielsen
 Address: Skovvangen 11 State: Denmark
 City / Zip Code: 2920 Charlottenlund Yacht Club: KDY

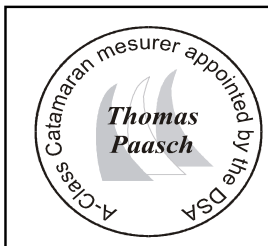
Calculation for five different mast and sail combinations

Combination		<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>	<u>V</u>
Mast Serial N°						
Boom Serial N°						
Mast Area	MA [m2]	1,5038	1,5038			
Boom Area	BA [m2]	0,0000	0,0000			
Sail Area	SA [m2]	12,3647	12,1021			
Total Area (max.13.94 m2)	RA [m2]	13,8685	13,6059			
Black Band Distance	BD [m]	8,8372	8,9156			
Distance from Base	L2 [m]	0,2058	0,1274			
Total Weight	[kg]	75,2	75,2			
Correcting Weight	[kg]	-0,2	-0,2			
Date		15-06-2012	18-06-2008			
Measurer's Initial		TP	TP			

Calculation for: BD = $A + 2 \times ((13.94 - RA) / P)$ A, P Page 3

L2 = $L - L1 - BD$ L, L1 Page 4

Note: If L2 < 0, then Black Band must be placed at base.



Measurer's Stamp

Date of Measurement: 24-07-2010
 Measurer's Name: Thomas Paasch
 Appointed by: Danish Sailing Association

Measurer's Signature: *Thomas Paasch*

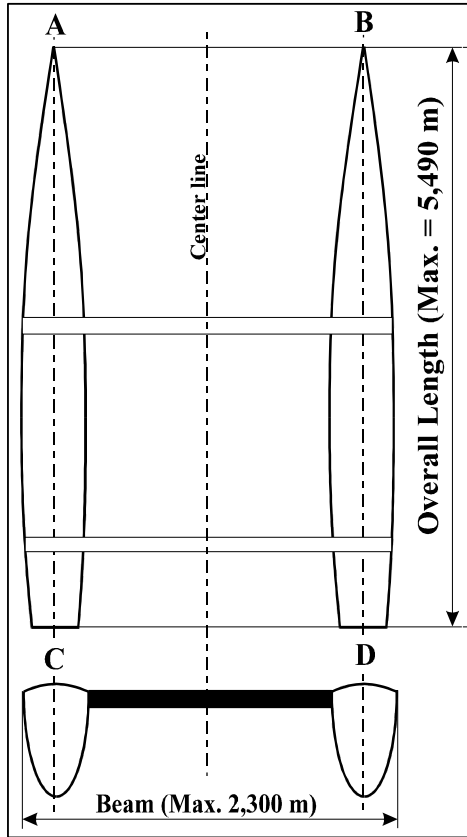


Issuing Authority (Stamp)

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Hull Measurement Form



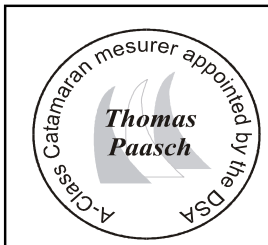
Measurement	
Overall Length max. 5.490 m	
Measured [m]	5,490
Overall Beam max. 2.300 m	
Measured [m]	2,300
Identification	
Hull N°	GT036P
I.Y.R.U. Plaquet	
Color	White
Builder	Geltek
Material	Kevlar

Buoyancy
to be certified by boats builder
Date of Certificate: _____
For boats built from 1st Januray 1998 on
Complete boat's weighth plus min.
75 kg positive buoyancy,
distributed equally on each hull.

Measurers Declaration:

I declare that I have measured this boat and that it complies with all the class rules.

Comment:



Measurer's Stamp

Date of Measurement: 24-07-2010
Measurer's Name: Thomas Paasch
Appointed by: Danish Sailing Association

Measurer's Signature: *Thomas Paasch*

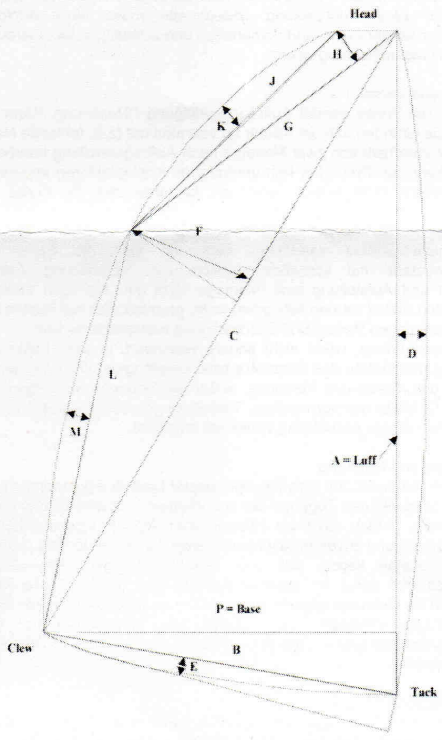


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International A Catamaran Measurement Certificate
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Sail Measurement Form

DEV4	Current Sail Number	
	1st	
	2nd	
	3rd	
	4th	
Sail	Metres Measured	
Luff = A	8,760	
D	0,172	
C	8,450	
F	0,864	
G		
H		
J		
K		
L	8,440	
M	-0,073	
Base = P	1,854	
B		
E		
Main Triangle	8,121	1/2 (A x P)
Luff Round	1,004	2/3 (A x D)
Foot Round	0,000	2/3 (B x E)
Roach Area 1	3,650	1/2 (C x F)
Roach Area 2	0,000	1/2 (H x G)
Roach Area 3	0,000	2/3 (J x K)
Roach Area 4	-0,411	2/3 (L x M)
Sail Area = SA m²	12,365	



Definition: Sail Area SA

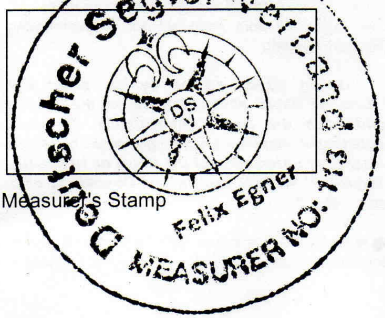
It is the total area of sail excluding the overlapping part of the mast guide. The measurement is based on ISAF measurement and calculation of sail area rule 3 and shall be measured with battens in the pockets. For identification the SA, Luff and Base has to be marked on the sail (Starboard Side)
 Note: Always to be filed in with three digits after decimal point.

If the sail complies with all the requirements the measurer shall sign and date the sail near the tack (Starboard).

Sailmaker's Name: **Landenberger ONE-DESIGN**

Sail Button N°: **144388**

Measurers Declaration: I declare that I have measured this sail and that it complies with all the class rules.



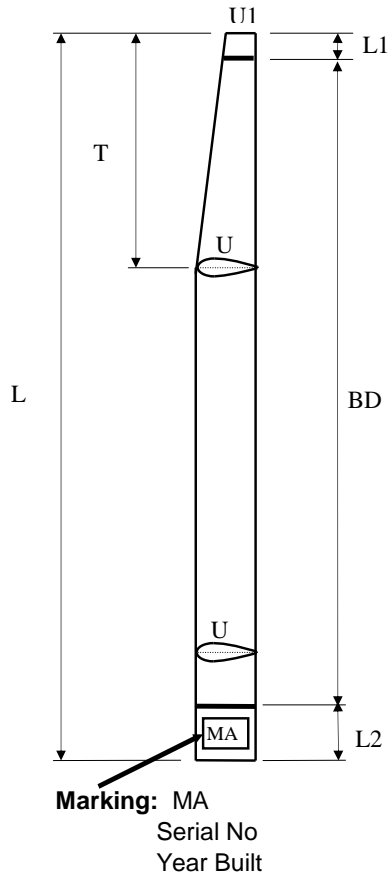
Date of Measurement: **15/06/17**
 Measurer's Name: **Felix Egner #113**
 Appointed by: **D.S.V.**

Measurer's Signature: *[Handwritten Signature]*

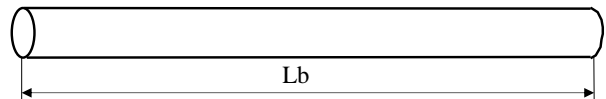
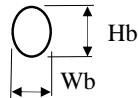
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Mast & Boom Measurement Form



Mast Measurement			
L [m]	9,043	U [m]	0,363
L1 [m]	0	U1 [m]	0,299
T [m]	8,593	MA [m ²]	1,5038
Mast Identification			
Serial N°			
Builder	DNA		
Material	Carbon		
Boom Measurement			
Length	Lb [m]	0	
Major Axis Vertical	Hb [m]	0	
Major Axis Horizontal	Wb [m]	0	
Mean Grith	MG [m]	0	
Boom Area	BA [m ²]	0	
Boom Identification			
Serial N°			
Builder			



Defintion:

Mast Area MA

It is the half of the surface area of the mast excluding top and bottom surface.

Boom Area BA

It is only required if the profile height is more then 1.5 of the width

Calculation of MA:

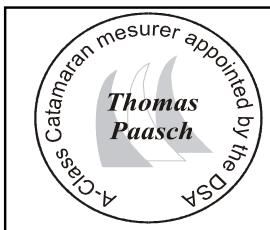
$$MA = U \times (L-T)/2 + T \times (U + U1)/4$$

Calculation of BA:

$$BA = 1/2 \times MG \times Lb$$

Measurer's Declaration:

I declare that I have measured this Mast and Boom and that it complies with all the class rules.



Measurer's Stamp

Date of Measurement: 19-06-2012
 Measurer's Name: Thomas Paasch
 Appointed by: Danish Sailing Association
 Measurer's Signature: *Thomas Paasch*