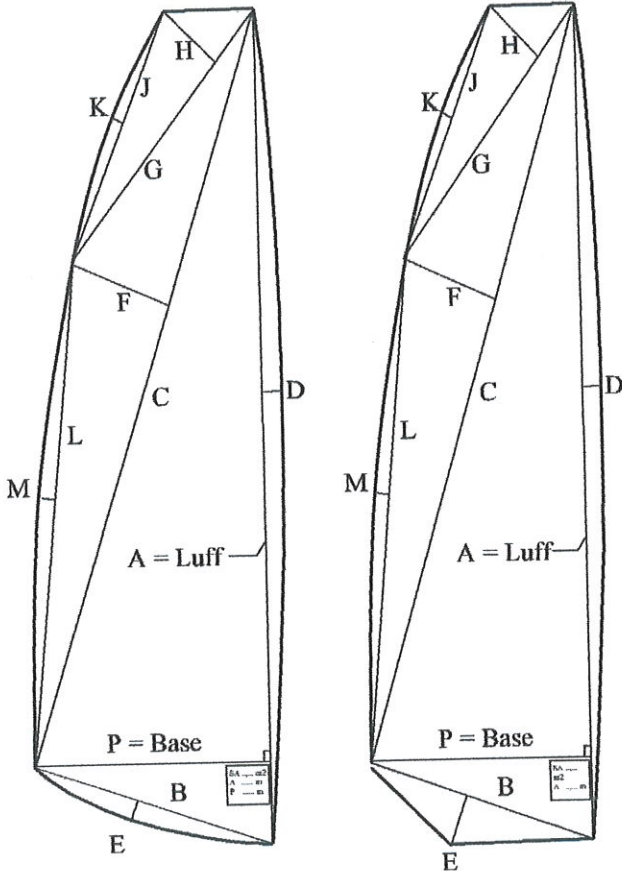


# International A-Division Catamaran Measurement Certificate

## Mast & Boom Measurement Form

Refer current measurers guidelines when completing form. All measurements are in meters and to three decimal places.  
www.a-cat.org



Sail Number		FRA	31
Sail	Measure		Measure
Luff = A	9,020	H	
D	0,130	J	
C	8,112	K	
F	0,675	L	8,010
G		M	0,060
Base = P	1,807	B	2,120
E	0,473		
Main Triangle	1/2 (A x P)	8,150	
Luff Round	2/3 (A x D)	0,782	
Foot Round	2/3 (B x E)		
Foot Area	1/2 (B x E)	0,501	<input checked="" type="checkbox"/>
Roach Area 1	1/2 (C x F)	2,738	
Roach Area 2	1/2 (H x G)	0,000	
Roach Area 3	2/3 (J x K)	0,000	
Roach Area 4	2/3 (L x M)	0,320	
Additional area (see comments)		-0,093	
Sail Area	SA	12,397	[m2]

Total Rig Area of Mast & Sail cannot exceed 13.94 sqm

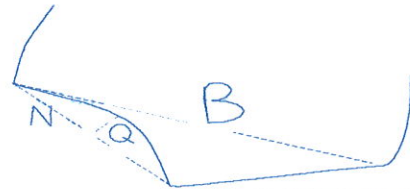
FOOT ROUND:  $2/3(B \times E)$  FOOT AREA  $1/2(B \times E)$  Choose the appropriate calculation depending on sail shape.

Measurer to mark the following on the starboard tack of sail SA = \*\*\* P = \*\*\* Date \*\*\*  
A = \*\*\* Signature \*\*\*

Sail Button/ Serial No: \_\_\_\_\_ Sailmakers Name: HAMMER BDS 61

Comments: Comment and provide diagram in this section on any sail measurements that cannot be covered by above calculations. Show calculations applicable and transfer this figure to the section above, include negative sign(-) if the area is negative.

Negative area N: 1,252 y Q: 0,112 negative area  $(-2/3 (N \times Q)) = -0,093$



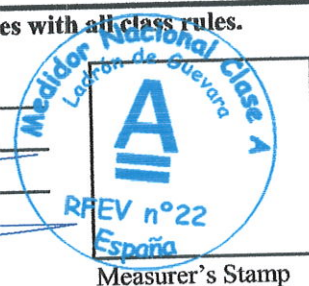
Measurers Declaration: I declare that I have measured this sail and it complies with all class rules.

Date of Measurement: 16/03/2023

Measurer's Name: Carlos Ladrón de Guevara

Appointed by: RFEV

Measurer's Signature: \_\_\_\_\_





## MEASUREMENT CERTIFICATE

Dieser Vermessungsnachweis ist der im Art. 78 WR angeforderte  
Ce certificat est le document exigé selon l'article 78 RIC  
Questo certificato è il documento richiesto secondo l'articolo 78 RIC  
Quaist certificat ais il documaint stipulieu seguond l'artichel 78 da l'WR  
**This form is the certificate required as per International Sailing Federation RRS 78**

*Sail endorsement*

All sails used when racing shall have been measured by an SWS approved measurer who shall have stamped, signed and dated each sail at its tack.

*Owners Declaration*

I undertake to race this International A-Catamaran only so long as I maintain it to conform with the International International A-Catamaran Class Rules.

*Owners Signature*

*Class*

**International A-Catamaran**

*Builder*

**Scheurer AG (CH)**

*ISAF Plaque N°* **166**

*Designer*

*Boat build* **2012**

*Hull No*

**CH SCH 0080A12120**

*Measurer*

**J Panacek (SUI 26)**

*Appointed by*

**SWISS SAILING**

*Date of 1st measurement*

**22. Februar 2012**

*Sail N° when 1st measured*

**SUI 238**

*Total Weight (kg)*

**75.000**

*Corrector weights (kg)*

**none**

*Corrector weights can only be altered or removed by an official International A-Catamaran Class Measurer*

*Sail N°*

**SUI - 238**

*Personal Sail N° allocated by SACA*

**SUI - 60**

*Name of Boat*

\*\*\*\*\*

Registered by **SWISS SAILING**

Im Swiss Sailing-Register  
eingetragen am

- 8. MAI 2014

Not valid without **SWISS SAILING** Stamp

**SWISS SAILING** Member N°

**A 56749**

### Owner

*Name*

**Delaite**

*First Name*

**François**

*Address*

**8 ch des tourterelles**

*Code - City*

**1226 Thônex**

*Nation*

**Switzerland**

*Club*

**YCG**



**Herstellerbestätigung  
R-Boote**

**Dichiarazione del  
costruttore battello R**



**Attestation du  
constructeur bateaux R**

**Confirmation of  
constructor R-Boat**

Das als „R-Boot“ gekennzeichnete und unten aufgeführte Wasserfahrzeug fällt gemäss Artikel 1, Ziffer 3, Buchstabe a, der Sportbootrichtlinie 94/25EG nicht in den Geltungsbereich dieser Richtlinie.

Hiermit bestätigen wir, dass dieses Schiff, welches ausschliesslich zu Rennzwecken gebaut wurde, ebenfalls gefahrlos zu Sport und Freizeitwecken verwendet werden darf.

Le bateau, mentionné ci-après, désigné par le constructeur comme « bateau R » répond au critères de l'article premier, chiffre 3, lettre a de la directives UE 94/25CE relatives aux bateau de sport.

Par la présente attestation, le constructeur certifie que ce bateau, construit exclusivement pour la compétition, peut être utilisé pour le sport et les loisirs sans aucuns dangers pour les personnes se trouvant à bord.

In base all'articolo 1 cpv. 3 lettera A della direttiva 94/25CE il battello qui menzionato è stato classificato dal costruttore come natante da competizione "R"

Con la presente dichiarazione il costruttore certifica che questo battello è costruito esclusivamente per la competizione e può essere usato come natante da diporto senza alcun pericolo per le persone che si trovano a bordo.

According to article 1, figure 3, letter a of the guide lines for sport boats 94/25EG, the watercraft "R-Boat" shown below does not fall under these guide lines.

We hereby confirm, that this boat, which was exclusively built for race purposes, also can be used for sport and spare time purposes without risk.

**Hersteller**  
(Name und Adresse)  
Fabricant  
(nom et adresse)  
Costruttore  
(nome e indirizzo)  
Manufacturer name  
(name and address) :

**SCHEURER BOOTSWERFT AG**  
Dr. Schneiderstrasse 4  
Postfach 73  
CH-2560 Nidau  
© 032 331 52 41 Fax 032 331 52 56

**Marke**  
Marque  
Marca  
Trade mark : *Scheurer*

**Typ**  
Type  
Tipo  
Type : *A-Katamaran*

**HIN Nummer (Schalennummer)**  
HIN numéro (numéro de la coque)  
HIN numero (numero dello scafo)  
HIN number (Hull identification number) :

C H S H G 6 1 3 5 D 2 1 2

**Länge (Schale)**  
Longueur (coque)  
Lunghezza (scafo)  
Length (hull) : *549* cm

**Breite (max.)**  
L'argeur (max.)  
Larghezza (max.)  
Width (max.) : *229* cm

**Personenzahl**  
Nombre de personnes  
Numero di posti  
Number of persons : *2*

**max. Motorenleistung**  
Puissance maximale autorisée  
Potenza massima autorizzata  
Maximum authorized power : */* kW

**Segelfläche**  
Surface vélique  
Superficie velica  
Sails surface : *8,2* m<sup>2</sup>

**Gewicht**  
Poids  
Peso  
Weight : *75* kg

**Unterschrift und Identifikation einer verantwortlichen Person der Herstellerfirma oder eines Bevollmächtigten.**

Signature et identification d'un responsable du fabricant ou d'une personne mandatée pour ce faire.  
Firma o identificazione d'un responsabile del costruttore oppure di una persona autorizzata.  
Signature and identification from an acceptet person of the manufacturer firm or from a qualified person.

*A. Scheurer*  
(Identifikation, identification, identificazione, identification)

*A. Scheurer*  
(Unterschrift, signature, firma, signature)

# INTERNATIONAL A -CATAMARAN MEASUREMENT CERTIFICATE

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

<b>Mast &amp; Boom Measurement Form</b>	<b>SUI-216</b>
---	----------------

Mast Measurement			
L [m]	9.05	U [m]	0,3325
L1 [m]		U1 [m]	0
T [m]		MA [m2]	1.5045
Mast Identification			
Serial N°			
Builder	TIBERFOAM		
Material	CARBON		
Boom Measurement			
Length		Lb [m]	
Major Axis Vertical		Hb [m]	
Major Axis Horizontal		Wb [m]	
Mean Grith		MG [m]	
Boom Area		BA [m2]	
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:**

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

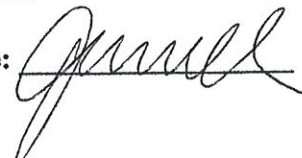
**Measurer's Declaration:**

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

Date of Measurement: 15.10.2008

Measurer's Name: G. Cavalli

Appointed by: Swiss Sailing

Measurer's Signature: 

Measurer's Stamp

G. CAVALLI  
FW 100 SA 101111  
17.10.2008  
(24)

Geprüft durch:

**SWISS SAILING**

Tech Zentrale Jollen  
Urs Wylar

4.5.14



Im Swiss Sailing-Register  
eingetragen am  
- 8. MAI 2014

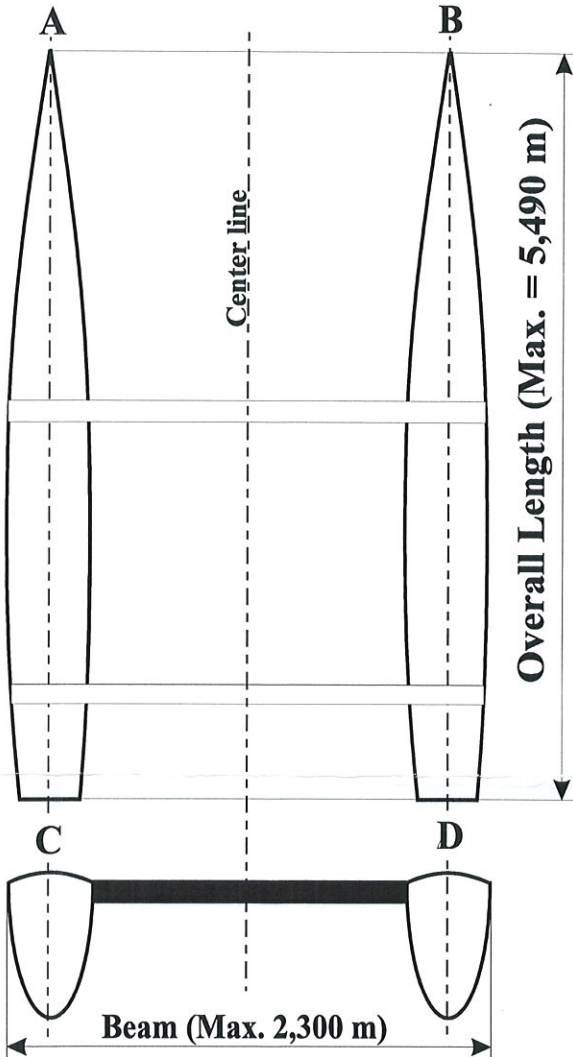


# INTERNATIONAL **A**-CATAMARAN MEASUREMENT CERTIFICATE

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

SUI 238

## Hull Measurement Form



Measurement	
Overall Length max. 5.490 m	
Measured [m]	5.490
Overall Beam max. 2.300 m	
Measured [m]	2.295
Identification	
Hull N°	CH-SCH0080A12120
I.Y.R.U. Plaquet	166
Color	white
Builder	Scheurrer Bootsbau AG
Material	CRP

to be certified by boats builder

Date of Certificate: 22.2.2012  
 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: Curved daggerboards –Distance between innermost ponts at down most position = 1.500 m

11.3.2012  
 Geprüft durch: *Urs Wyler*  
**SWISS SAILING**  
 Tech Zentrale Jollen  
 Urs Wyler

Jonas Panacek  
**SWISS SAILING**  
 OFFICIAL MEASURER N° 26

Date of Measurement: 22.2.2012  
 Measurer's Name: JONAS PANACEK  
 Appointed by: SWISS SAILING NR 26  
 Measurer's Signature: *Jonas Panacek*

Im Swiss Sailing - Register  
 eingetragen am  
 1 4. MRZ. 2012

Measurer's Stamp

Issuing Authority (Stamp)