INTERNATIONAL 18HT-CATAMARAN MEASUREMENT FORM

V 1.1 / Feb 2008

General Calculation Form

Boat information:

Manufacturer's Name: _____ **Designer:** _____
(Company)
Date Manufactured: _____ **Yacht Name:** _____

Sail Number	**XYZ 999**

First owners name and address:

First Name: _____ **Last name:** _____
Address: _____ **State:** _____
City / Zip Code: _____ **Yacht Club:** _____

Calculation for five different mast and sail combinations

Combination		I	II	III	IV	V
Mast serial N°		0				
Boom serial N°						
Mast area	**MA** [m2]	0.00				
Boom area	**BA** [m2]	0.00				
Sail area	**SA** [m2]	0.00				
Total area max.20.00 m2	**RA** [m2]	0.00				
Spinnaker area	**CSPI** [m2]	#REF!				
Distance lower to upper mark	**BD** [m]	#DIV/0!				
Base to lower limit mark	**L2** [m]	#DIV/0!				
Total weight	[kg]	0				
Corrector weight(s), total	[kg]	0				
Date						
Measurer's initials		GFC				

Calculation for:					
	BD	=	A + 2 x ((13.94 - RA) / P)	A, P	Page 3
	L2	=	L - L1 - BD	L, L1	Page 4

Note: If L2 < 0, then the mark shall be placed at the base.

Date of Measurement: _____
Measurer's Name: _____
Appointed by: _____

Measurer's Signature: _____

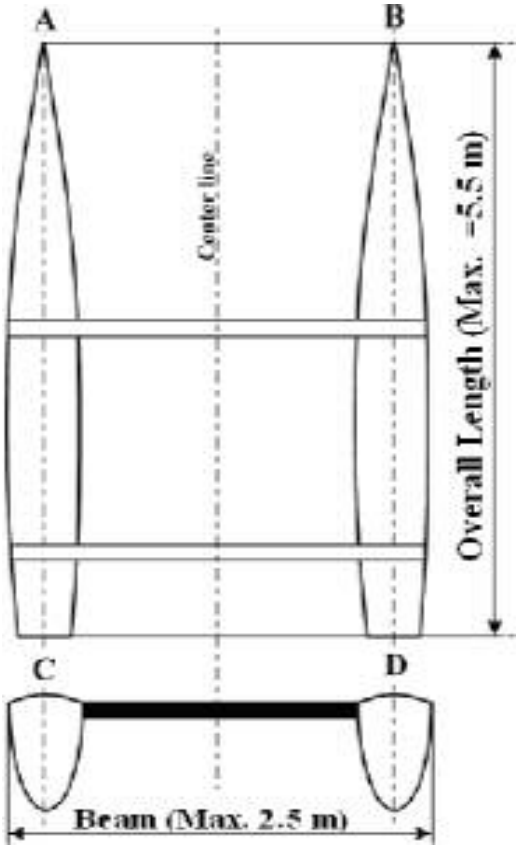
Measurer's Stamp

Issuing Authority (Stamp)

INTERNATIONAL 18HT-CATAMARAN MEASUREMENT FORM

V 1.1 / Feb 2008

Hull Measurement Form	XYZ 999



Measurement		
Overall length (max 5.500 m)	Hull A	Hull B
Measured [m]	m	m
Overall beam (max. 2.500 m)		
Measured [m]	m	

Identification	
Hull N°	
ISAF Plaque N°	
Colour	
Builder	
Material	

Buoyancy
to be certified by the boat's builder

Form dated : _____

For boats built from 1st Januray 1998 on, complete boat's weight plus min. 130 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: _____

Date of Measurement: _____
Measurer's Name: _____
Appointed by: _____

Measurer's Signature: _____

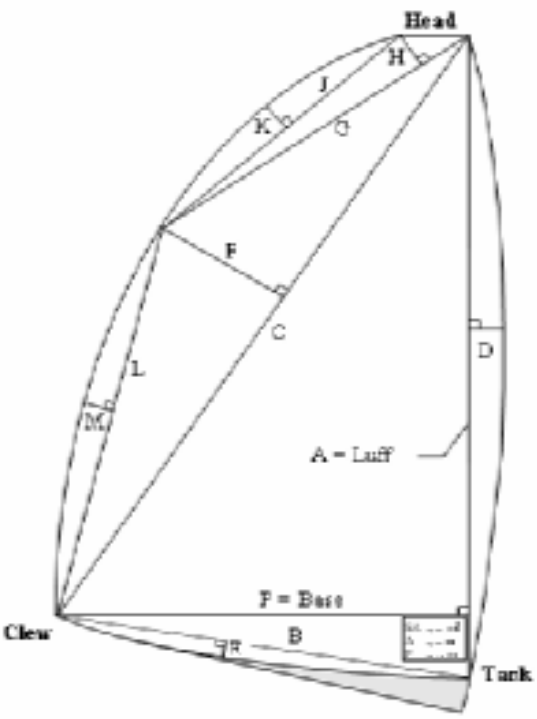
Measurer's Stamp

Issuing Authority (Stamp)

INTERNATIONAL 18HT-CATAMARAN MEASUREMENT FORM

V 1.1 / Feb 2008

Sail Measurement Form	XYZ 999



Current Sail Number			I

Sail	Measured	Units
Luff = A	0.000	[m]
D	0.000	[m]
C	0.000	[m]
F	0.000	[m]
G	0.000	[m]
H	0.000	[m]
J	0.000	[m]
K	0.000	[m]
L	0.000	[m]
M	0.000	[m]
Base = P	0.000	[m]
B	0.000	[m]
E	0.000	[m]
Main Triangle	0.000	1/2 (A x P)
Luff Round	0.000	2/3 (A x D)
Foot Round	0.000	2/3 (B x E)
Roach Area 1	0.000	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	0.000	2/3 (L x M)
Sail Area = SA	**0.00**	**[m2]**

Sailmakers Name:

Sail button N°:

Measurers Declaration:

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

Date of Measurement: _____

Measurer's Name: _____

Appointed by: _____

Measurer's Signature: _____

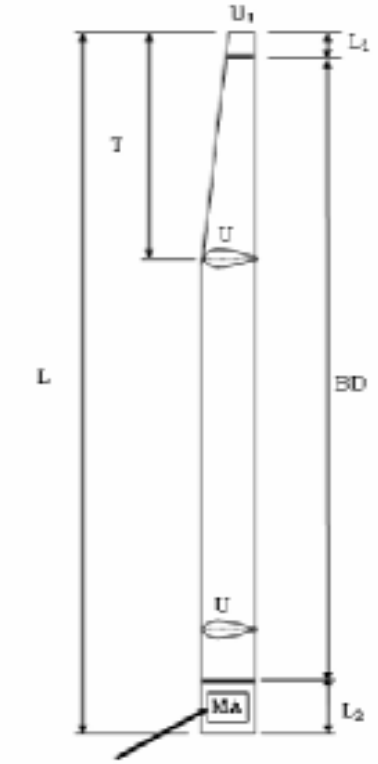
Measurer's Stamp

Issuing Authority (Stamp)

INTERNATIONAL 18HT-CATAMARAN MEASUREMENT FORM

V 1.1 / Feb 2008

Mast & Boom Measurement Form	XYZ 999

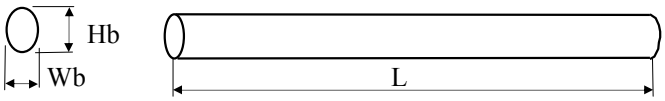


Mast Measurement			
L [m]	0	U [m]	0
L1 [m]	0	U1 [m]	0
T [m]	0	MA [m2]	0

Mast Identification	
Serial N°	
Builder	
Material	

Boom Measurement		
Length	**Lb** [m]	0
Major Axis Vertical	**Hb** [m]	0
Major Axis Horizontal	**Wb** [m]	0
Mean Girth	**MG** [m]	0
Boom Area	**BA** [m2]	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 x (L-T)/2 + T x (U + U1)/4

Calculation of BA:

BA = 1/2 x MG x Lb

Mean Girth MG

Average circumference of spar

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: _____

Measurer's Name: _____

Appointed by N.A. : _____

Measurer's Signature: _____

Measurer's Stamp

INTERNATIONAL 18HT - CATAMARAN MEASUREMENT FORM

V 1.1 / Feb 2008

Gennaker Measurement Form	XYZ 999

Current Spinnaker Number	I
	Units
	[m]
	[m]
	[m]
	[m]
	[m2]

ırea CSPI

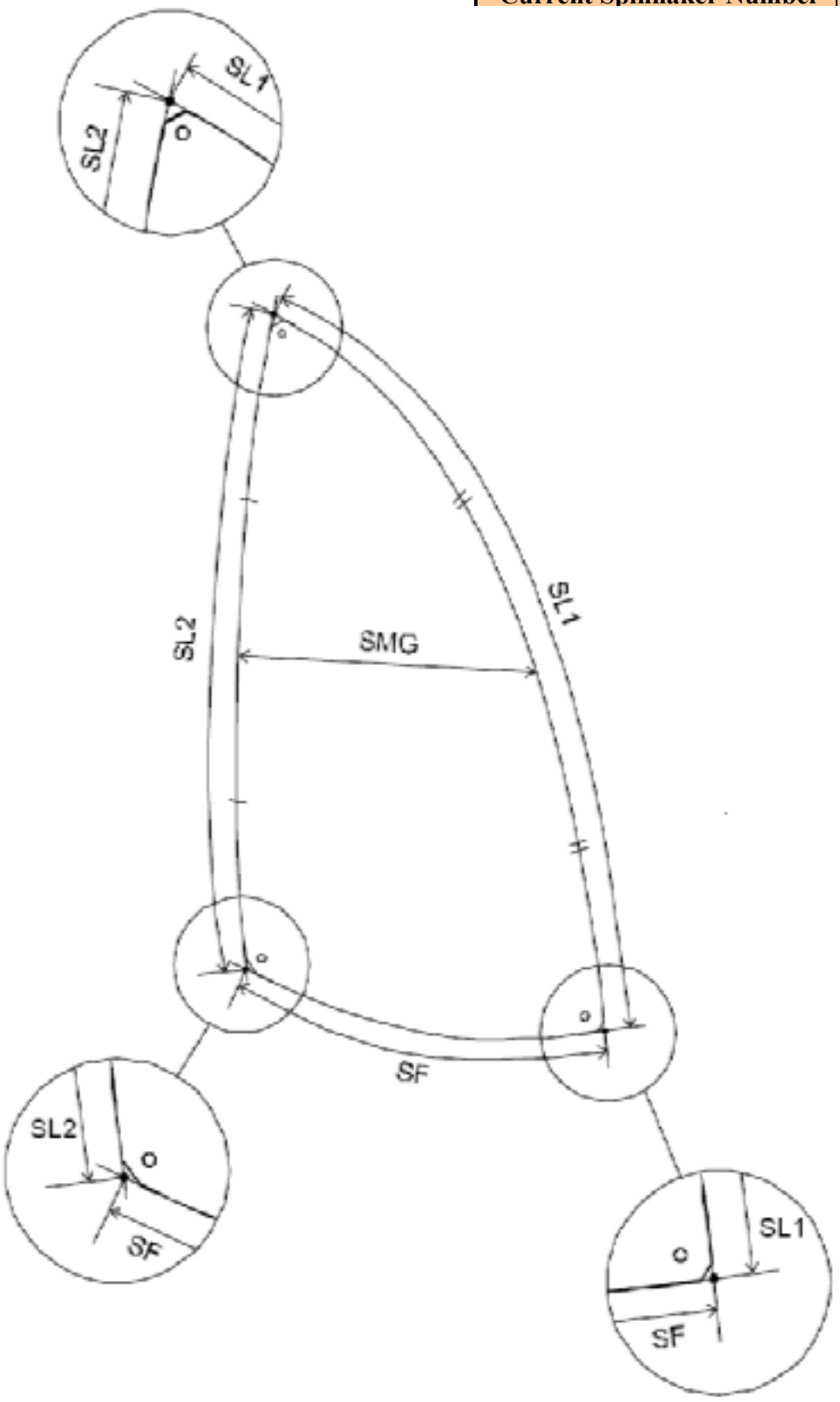
ŞL1 + SL2)/2]

ıe edge of the sail between the

highest point of the sail, to the

red along the edge of the sail,
f the sail on the leech.

taken between the mid point of



(tamp)