

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

8109 G
YACHT NUMBER 8109
Builder CANTIERE NAUTICO LILLIA
Year Built 2002
Builder's Hull Number 103 COLOMBO
Construction Material GRP
Type and location of yacht number in hull DRILLED ON KEELSON
Yacht Name
Fleet
Owner TORBEN GRAEL
Address ESTRADA FROES 332, SAO FRANCISCO NITEROI - RIO DE JANEIRO BRASIL
Remarks

DECLARATIONS:

1. I certify that I have measured the items listed on this certificate for the above yacht and entered the data, the information is correct and the yacht complies with ISCYRA rules and the keel conforms to an approved builder's keel plan.

Print name ROBERTO RAVAGLIA
Signed [Signature] Date 2002-06-11
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the ISCYRA and that the keel conforms to an approved keel plan and approved lay up schedule.

Print name
Signed [Signature] Date 2002-06-11
(Builder)

3. TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT
I certify that I have measured the above yacht in any areas affected by the following changes:

and find it to be in accordance with the current plans and specifications of the ISCYRA.
Print name
Signed Date
(Certified Star Class Measurer)

4. TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES
I certify that no alterations have been made on this yacht that would affect the measurements or conformity with the plans and specifications.

Print name
Signed Date
(Owner)

MEASUREMENTS:

HULL MEASUREMENTS:

A	4672
B	1193
C	1273
E	2150
O	6702
P	308
R	1950
Transom Angle	15°
L.O.A.	6915
Height of Point "B"	456
Chine Radius	0K
Stem Radius	0K
Side Flatness	0K
Rudder Template	0K
Rudder Thickness	27
Rudder Post Diameter	25
Skeg Depth	410
Skeg Contour	5
Tiller Material	0K

Last fully measured hull from this mold # 8097
on March 13, 2002.

This is hull number 2 since that measurement.

KEEL MEASUREMENTS:

K1	1148
K2	1231
K3	38
K4	1358
K5	26
K6	779
K7	220
K8	309
K9	823
K10	950
K11	89
K12	84
K13	75
K14	265

KEEL CERTIFICATION:

Keel weight 407
I certify that the weight shown was taken on
a scale that has been calibrated within the
last year to an accuracy of .5% of reading,
and that this keel conforms to the builders
approved keel plan, dated March 2nd,
1993 on file at ISCYRA.

Roberto Ravaglia
(Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

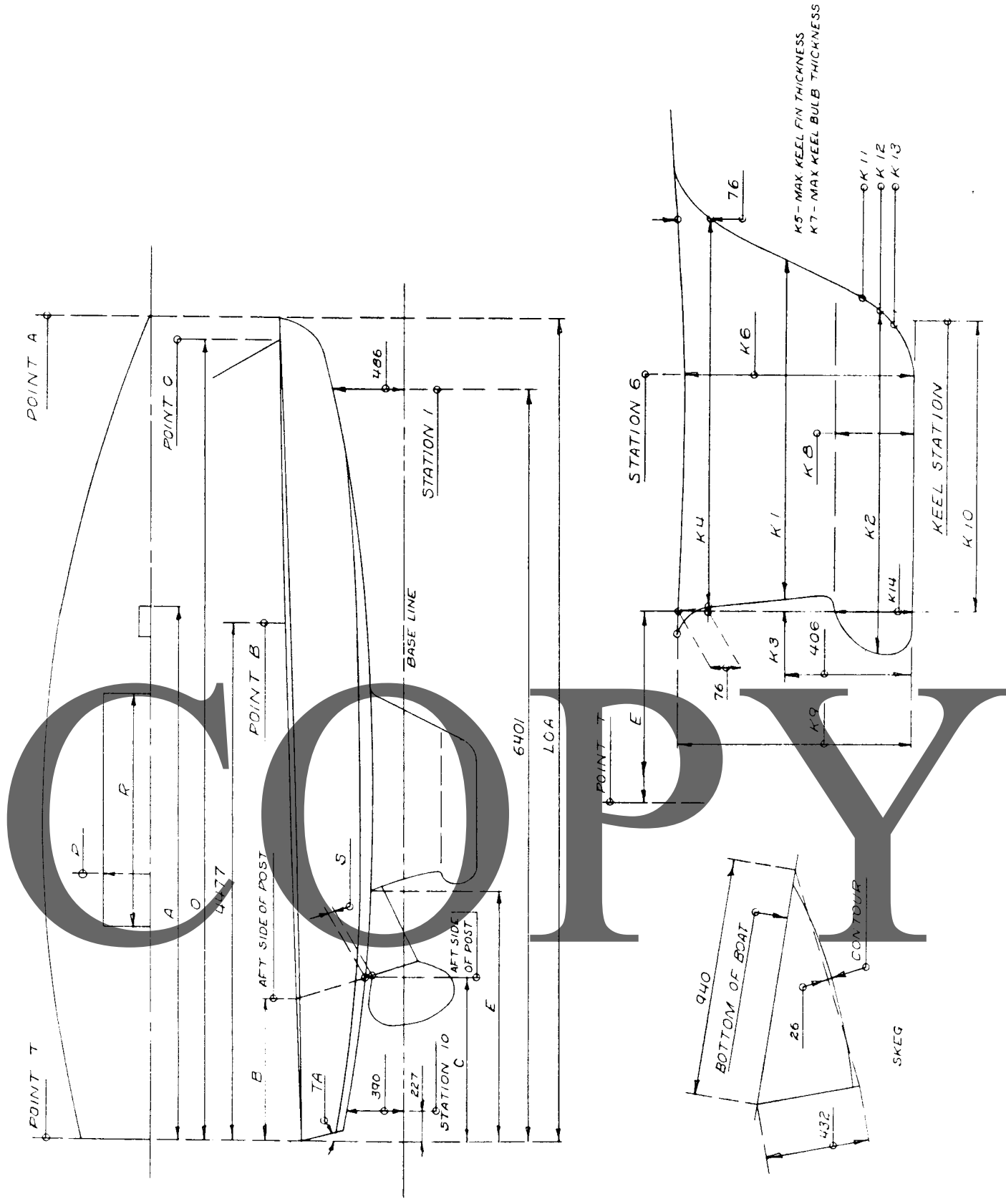
Station	1	2	3	4	5	6	7	8	9	10
Keel	486	355	247	167	123	103	124	186	281	390
Chine	X	X	305	X	X	232	X	288	X	447
Side	817	X	791	X	X	750	X	719	X	679
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	205	615	854	796	499
Chine	94	407	672	633	412

BUOYANCY:

Contained in Hull Lay-up 0.5 m³
Airtight Compartments 0.85 m³
Other _____



TO MEASURERS:

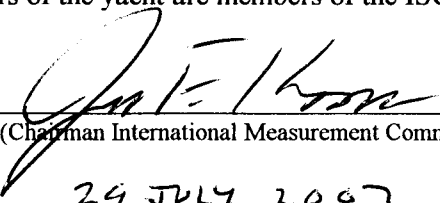
1. The duties of a certified measurer are confined to measuring yachts and reporting facts. He has no authority to grant or reject certificates or interpret rules. Complete instructions will be sent to him by the International Measurement Committee after his appointment.
2. This form must be fully completed by the certified measurer in duplicate. Both copies are to be sent to the ISCYRA Central Office.
3. Declarations must be signed as required.
4. Certified measurers are entitled to a reasonable fee for measuring, but the Association is not responsible for its payment.
5. A certified measurer may not measure a yacht in which he owns an interest except as provided by ISCYRA Rule 33.2

CONDITIONS UNDER WHICH CERTIFICATE IS ISSUED:

1. This certificate is not valid unless it bears the stamp of the ISCYRA and is signed by the chairman of the International Measurement Committee. This certificate may be revoked at any time by order of the International Measurement Committee or the International Governing Committee. It is invalid if any structural changes are made which affect the yacht's dimensions or its compliance with ISCYRA Rules.
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class.
3. This certificate shall be replaced when the yacht is altered or sold. For replacement of the certificate contact the ISCYRA Central Office.
4. ISCYRA Rule 33.3 limits re-measurement of a yacht having a valid certificate.



The International Measurement Committee finds that the yacht described herein conforms with the plans and specifications of the Star Class and therefore grants this certificate to the yacht owner, subject to the conditions set forth above, so long as the owner or owners of the yacht are members of the ISCYRA.

Signed 
(Chairman International Measurement Committee)

Date 29 JULY 2002

I.S.C. ★ Y.R.A.
YACHT WEIGHT CERTIFICATE



Yacht Number 8109

Owner TORBEN GRAEL

Address ESTRADA FROES 332

SAN FRANCISCO UTELLO

RIO DE JANEIRO BRAZIL

Fleet _____

I certify that I have weighed the above yacht, according to the Rules of the
I.S.C.Y.R.A., and find that

0 KG

is required to bring the total weight to the required minimum. This amount
of weight has been properly installed, and I have applied official seals to it.

Date of Issue 2002-06-11

Certified Weighmaster:

Signature [Signature]

Print name ROBERTO RAVARIN

My term expires N.A.

White: Owner
Yellow: Central Office
Pink: Weighmaster/Measurer

(ywc.doc-rev7/97)

RECEIVED JUL 05 2002
ENTERED JUL 05 2002

I.S.C.Y.R.A File No:

8109

8109

I.S.C.Y.R.A.

**Buoyancy Test Certificate**

THIS CERTIFICATE IS GRANTED FOR THIS YACHT
UNDER THE PROVISIONS OF
I.S.C.Y.R.A. SPECIFICATION 7. *FLOTATION*

INSTRUCTIONS:

1. Each Star Class Yacht shall comply with the provisions of Specification 7.
2. If Buoyancy Certification of this yacht includes testing, the test shall be conducted according to Specification 7.
3. Send a copy of completed Certificate by mail to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; or by fax to +1 847 729 0718. Owner shall retain a copy.
4. If flotation provisions for this yacht include buoyancy other than that provided by the structure of the hull, describe these provisions:

0,95 m³ PROVIDED BY WATERTIGHT BULKHEADS

I CERTIFY THAT THIS YACHT COMPLIES WITH I.S.C.Y.R.A. SPECIFICATION 7.

TOBBEN GRAEL

Builder or Owner
(Print or type name.)

CANTIERE NAUTICO

Builder or Owner's Signature
(Sign name.)

2002-06-11

Date
(Month / Day / Year)

ONE COPY OF THIS FORM MUST BE ON FILE IN THE CENTRAL OFFICE

Copy 1: Owner

Copy 2: Central Office

(buoyancy test certificate REV-4/99)

RECEIVED JUL 05 2002
ENTERED JUL 05 2002

I.S.C. ★ Y.R.A.
APPLICATION FOR NUMBER
BUILDER'S ROYALTY RETURN

The Royalty (Number Tax) On
 Each Star Class Yacht Built Is

☞ \$150.00 ☞

NOTICE — Plans and Specifications are not transferable and are sold subject to this royalty (or number tax) being paid by the builder, all right, title, and interest in and to the said plans having been bought from the designer by this Association, which reserves the right to refuse to grant a number or to issue a measurement certificate to any yacht on which the said royalty has not been paid or which was not built by a recorded owner of official Star Class Plans.

International Star Class Yacht Racing Association

INSTRUCTIONS

1. For each yacht built, one the these forms must be filed with the Central Office of the Association, address given below.
2. Payment accepted by wire transfer, bank draft, money order, Visa or Mastercard, in US funds payable to the International Star Class Yacht Racing Association (ISCYRA).
3. Typewrite or print distinctly, in filling out form.
4. A receipt, Form R-2, will be sent to the builder, on which the yachts' official number will be shown.

—To Be Filled Out by Applicant—

The undersigned hereby applies for an official number for the Star Class yacht which

_____ has been sold (hull completed) to
 _____ is being built (work started) for
 _____ has been ordered (deposit paid) by

Central Office Use:
 Yacht No. 8109
 Issued By SCD
 Date 22 May 2002

Owner's Name TORBEN GRAEL

Address ESTRADA FROES 332 - SAO FRANCISCO
NITEROI - RIO DE JANEIRO BRASIL

Yacht's name (if known) " _____ "

In what fleet will yacht be sailed? _____

Builder's Name CANTIERE NAUTICO Ugent

Address VIA REGINA N.8 22010 RUSSO CO ITALY

Note—Receipt will be returned to the builders address above .

I hereby certify that the above information is true and correct to the best of my knowledge and belief and that the said yacht has been or will be built from official plans procured from the I.S.C.Y.R.A., and I agree to notify the I.S.C.Y.R.A. of any change in ownership prior to delivery.

Date 2002-06-11

Signed _____

THIS APPLICATION MUST BE SENT TO:

I.S.C.Y.R.A.
 1545 WAUKEGAN ROAD #8
 GLENVIEW, ILLINOIS 60025 USA

FAX -- +1 847 729 0718

RECEIVED JUL 05 2002