

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

8210 G

YACHT NUMBER 8210
Builder CANTIERE NAUTICO LILLIA Year Built 2004
Builder's Hull Number 133 COCOMBO Construction Material GRP
Type and location of yacht number in hull DRILLED ON KEELSON
Yacht Name _____ Fleet _____
Owner TORSEN 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 _____
(Certified Star Class Measurer)

Date 2004-07-13

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 CANTIERE NAUTICO

Signed _____
(Builder)
MUSSO (COMO)

Date 2004-07-13

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:

REINFORCEMENT PROFILED OLYMPICS 8/2004
and find it to be in accordance with the current plans and specifications of the ISCYRA.

Print name JOHN KOOPMAN

Signed _____
(Certified Star Class Measurer)

Date 8 NOVEMBER 2004

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 _____
(Owner)

Date _____

MEASUREMENTS:**HULL MEASUREMENTS:**

A 6657
 B 1192
 C 1273
 E 2141
 O 6710
 P 310
 R 1950
 Transom Angle 15°
 L.O.A. 6914
 Height of Point "B" 476
 Chine Radius OK
 Stem Radius OK
 Side Flatness OK
 Rudder Template OK
 Rudder Thickness 27
 Rudder Post Diameter 25
 Skeg Depth 410
 Skeg Contour 5
 Tiller Material OK

Last fully measured hull from this mold # 8210
 on July 13, 2009.

This is hull number 8 since that measurement.

KEEL MEASUREMENTS:

K1 1145
 K2 1238
 K3 46
 K4 1350
 K5 26
 K6 781
 K7 220
 K8 289
 K9 813
 K10 965
 K11 88
 K12 81
 K13 67
 K14 250

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 June 30, 2006 on file at ISCIRA.

ROBERTO RAVAGLIA
 (Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE: 250 175 123 106 131 192 204
 Station 1 2 3 4 5 6 7 8 9 10

Keel	486	358	248	172	118	125	430	488	280	390
Chine	X	X	309	X	X	232	X	292	X	443
Side	811	X	793	X	X	758	X	720	X	674
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

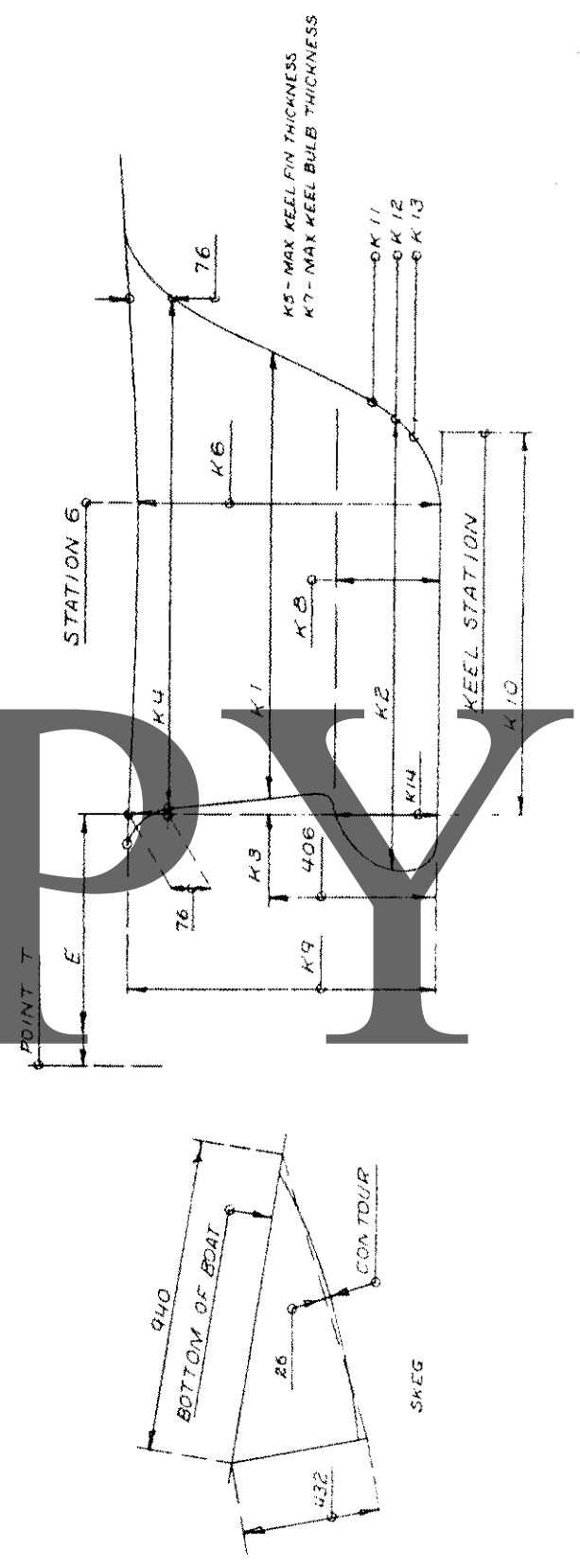
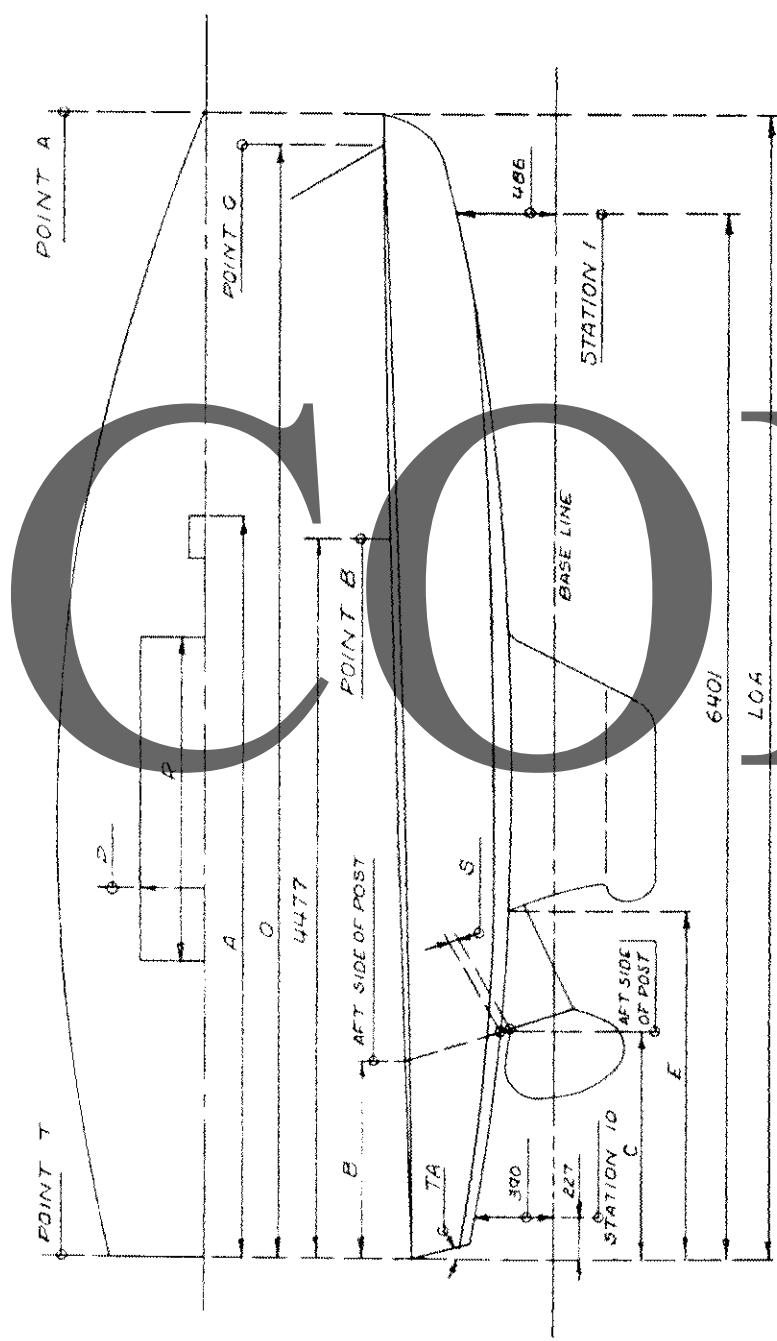
Station	1	3	6	8	Stern
Deck	205	613	851	796	496
Chine	81	407	670	632	412

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 *[Signature]*
(Chairman International Measurement Committee)

Date 8 NOVEMBER 2004

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



Yacht Number 8210

Owner TORBEN GRAEL

Address ESTRADA FROES 332

SÃO FRANCISCO INTERO

RIO DE JANEIRO BRASIL

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 2004-07-13

Certified Weighmaster:

Signature [Signature]

Print name ROBERTO RAVAGLIA

My term expires N.A.

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

(ywc.doc-rev7/97)

RECEIVED OCT 27 2004

200 ENTERED OCT 27 2004

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

8210

YACHT NUMBER

8210

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*

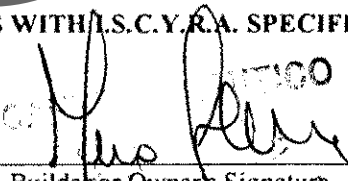
INSTRUCTIONS:

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.

TORBEN GBAEL
Builder or Owner
(Print or type name.)


Builder or Owner's Signature
(Print name.)

2004-07-13
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 OCT 27 2004

ENTERED OCT 27 2004

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 of 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. 8210
 Issued By SDO
 Date _____

Owner's Name TORBEN GRAEL

Address ESTRADA FROES 332

SÃO FRANCISCO NITERÓI RIO DE JANEIRO
BRASIL

Yacht's name (if known) " _____ "

In what fleet will yacht be sailed? _____

Builder's Name CANTIERE NAUTICO LIMA

Address VIA REGINA 8

22010 MUSSO (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 13-07-2004

Signed _____

THIS APPLICATION MUST BE SENT TO:

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

FAX -- +1 847 729 0718