

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

YACHT NUMBER 8397
Builder CANTIERE NAUTICO LILLIA Year Built 2009
Builder's Hull Number 203 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 N. TERZO, RIO DE JANEIRO BRAZIL
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 2009-08-29
(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 2009-08-29
(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)

YACHT NUMBER 8397

MEASUREMENTS:

HULL MEASUREMENTS:

A 4660
 B 1193
 C 1272
 E 2144
 O 6710
 P 810
 R 1050
 Transom Angle 15°
 L.O.A. 6917
 Height of Point "B" 471
 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 # 8397
 on August 29, 2009.

This is hull number 0 since that measurement.

KEEL MEASUREMENTS:

K1 1146
 K2 1236
 K3 42
 K4 1354
 K5 26
 K6 780
 K7 220
 K8 290
 K9 822
 K10 955
 K11 87
 K12 83
 K13 68
 K14 252

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, 2009 on file at ISCYRA.

RLC - ROBERTO RAVAGLIA
 (Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

Station	1	2	3	4	5	6	7	8	9	10
Keel	486	354	248	171	124	106	128	188	278	390
Chine	X	X	309	X	X	232	X	294	X	444
Side	809	X	790	X	X	748	X	717	X	673
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	200	609	851	794	486
Chine	94	408	671	631	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

22 DEC 2007

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



Yacht Number 8397

Owner TORBEN GRAEL

Address ESTRADA FROES 332

SAO FRANCISCO NITEROI

RIO DE JANEIRO BRASILE

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 2009-08-29

Certified Weighmaster:

Signature [Signature]

Print name ROBERTO RAVAGLIA

My term expires N.A.

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

YACHT NUMBER

8397

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:

0.85 m³ PROVIDED BY WATER TIGHT BULKHEADS

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

TORREN GRUEL
Builder or Owner
(Print or type name.)

[Signature]
Builder or Owner's Signature
(Sign name.)

2008-08-28
Date
(Month / Day / Year)

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

Copy 1: Owner
Copy 2: Central Office



I.S.C. ★ Y.R.A.

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 2009-08-29

Date Issued: 2009-08-29

Expiration Date: 2009-10-14

(45 Days after Date Issued)

POINT B = 471

I have measured Star # 8397 and all measurements appear to be within acceptable tolerances. However, while final examination and certification is being processed this letter may serve as a temporary certification for a period of 45 days. I see no apparent discrepancies which need resolution before final issuance of a Measurement Certificate.

This Temporary Certificate cannot be renewed and is subject to revocation by the Measurement Committee.

Signed By: , Certified Measurer

Print Name: ROBERTO RAVAGLIA

- Copies
1. Owner
 2. Central Office
 3. Measurer