

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

7943 G
YACHT NUMBER 7943
Builder CANTIERE NAUTICO LILLIA Year Built 1998
Builder's Hull Number 27 NERO Construction Material GRP
Type and location of yacht number in hull DRILLED ON KEELSON
Yacht Name _____ Fleet _____
Owner TORBEN GRAEL
Address ESTRADA TRDES 332, SAO FRANCISCO NITEROI - RIO DE JANEIRO BRASIL
Remarks SELF BAILING COUP.T

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 1998-08-10
(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 1998-08-10
CANTIERE NAUTICO
MUSSO (Gonoy)
(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 4600
 B 1192
 C 1275
 E 2128
 O 6704
 P 305
 R 1950
 Transom Angle 15°
 L.O.A. 6816
 Height of Point "B" 464
 Chine Radius OK
 Stem Radius OK
 Side Flatness OK
 Rudder Template OK
 Rudder Thickness 27
 Rudder Post Diameter 25
 Skeg Depth 412
 Skeg Contour 5
 Tiller Material OK

Last fully measured hull from this mold # 7918
 on May 8, 1998.

This is hull number 7 since that measurement.

KEEL MEASUREMENTS:

K1 1149
 K2 1233
 K3 46
 K4 1358
 K5 26
 K6 779
 K7 220
 K8 309
 K9 823
 K10 963
 K11 89
 K12 84
 K13 75
 K14 267

KEEL CERTIFICATION:

Keel weight 404
 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 2, 1993 on file at ISCYRA.

Roberto Ravaglia - ROBERTO RAVAGLIA
 (Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

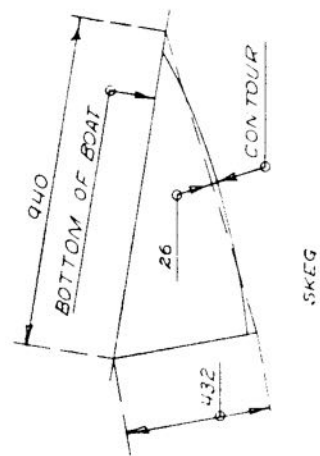
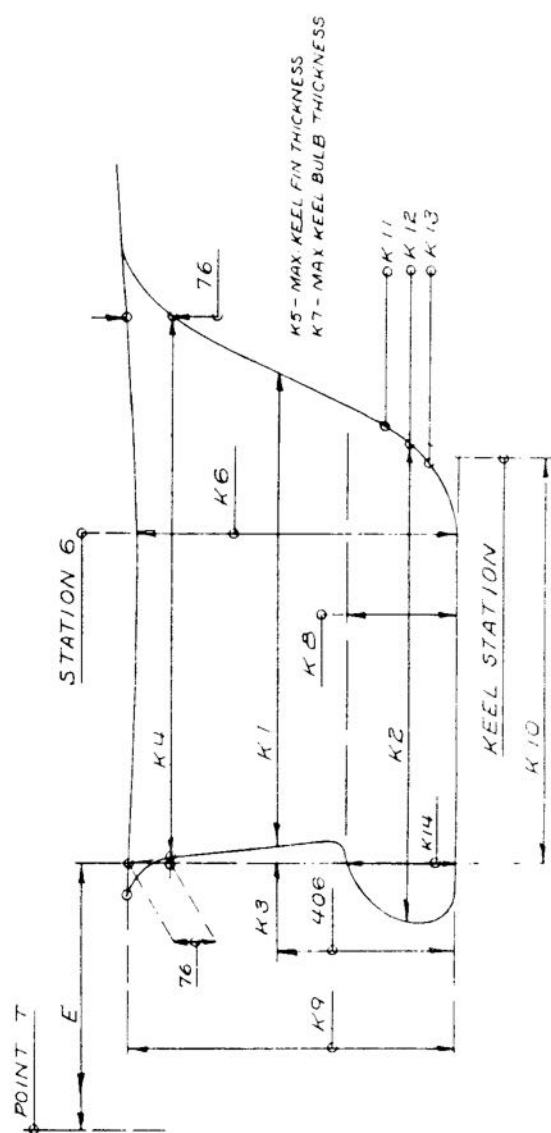
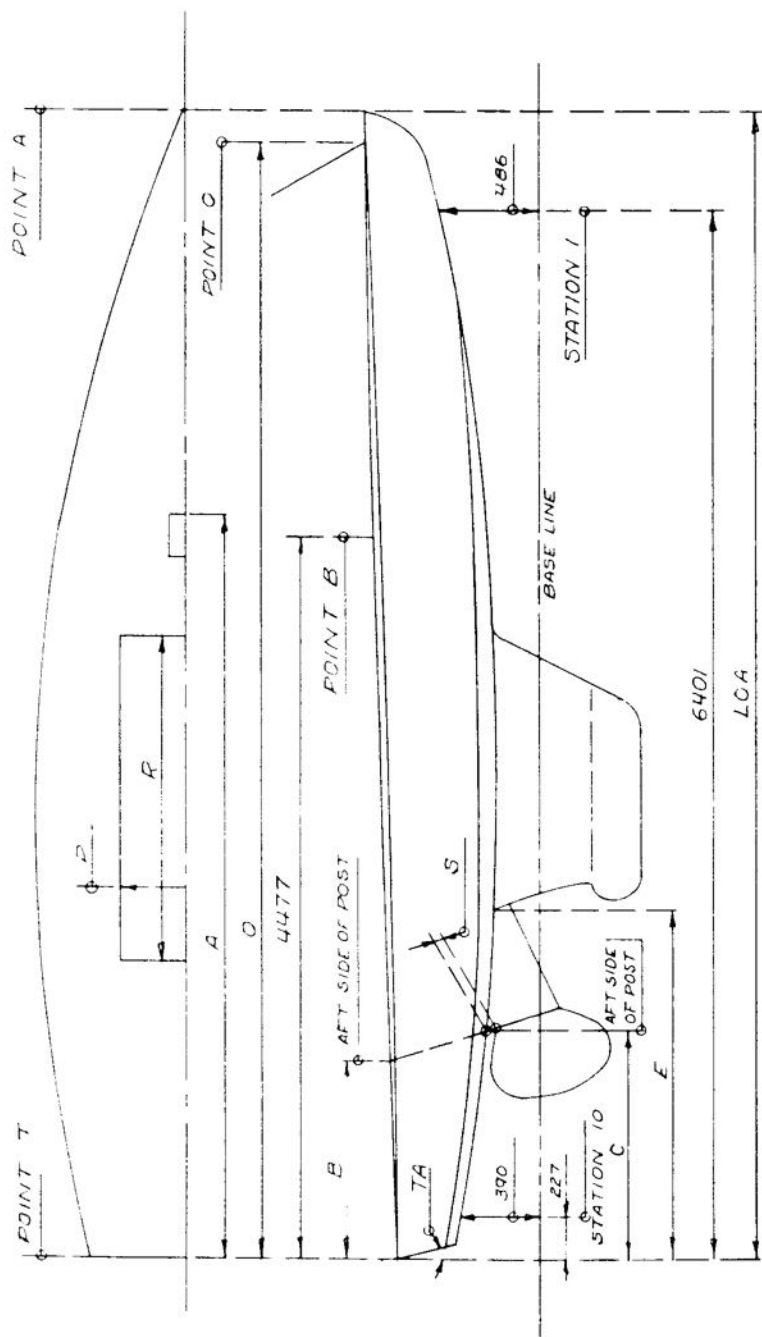
Station	1	2	3	4	5	6	7	8	9	10
Keel	486	357	250	175	120	105	127	199	287	390
Chine	X	X	307	X	X	228	X	301	X	451
Side	827	X	798	X	X	751	X	717	X	678
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	205	617	868	782	492
Chine	92	404	671	627	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 *John F. Hagan*
(Chairman International Measurement Committee)

Date 25 SEPT 1998

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



Yacht Number 7943

Owner TORBEN GRAEL

Address ESTRADA FROES 332

SAO FRANCISCO NITEROI

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 1998-08-10

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)

C
RECEIVED SEP 23 1998

I.S.C.Y.R.A File No: 7943

7943

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 blue copy of completed Certificate to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; owner shall retain white 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.

TORREN SPAEL
Builder or Owner

CANTIERE NAUTICO

[Signature]
Builder or Owner's Signature

1998-09-10
Date

MUSSO (Como)

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

White: Owner
Blue: Central Office

C RECEIVED SEP 23 1998