

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

- 75346
1. Yacht's Number

7534
2. Builder

CANTIERE NAUTICO LILLIA
3. Year Built

1990
4. Builder's Hull Number

118 B
5. Material of Construction

GRP
6. Type and location of characters used to install yacht number in hull

DRIVEN ON KEELSON
7. Yacht Name
8. Owner

TORBEN SCHMIDT GRAEL
9. Address

EST. FROES 3321 S. FRANCISCO NITEROI RIO DE JANEIRO 24250 BRASIL
10. Fleet
11. Remarks

SELF BAILING COCKPIT - POINT B - 480

SEC. B. DECLARATIONS:

1. I certify that I have measured items I through VI under hull measurements and K1 through K14 under keel measurements on page two of this certificate and have entered the data, the information is correct and complies with I.S.C.Y.R.A. rules.

Print name ROBERTO RAVAGLIA

Signed [Signature] Date 4.8.90
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the I.S.C.Y.R.A., and that the keel conforms to the approved keel plan. I have completed item VII, Buoyancy, on page two under Hull

Print name CANTIERE NAUTICO LILLIA

Signed [Signature] Date 04/08/90
(Builder) MUSSO (COMO)

3. I certify that this yacht has been fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name _____

Signed _____ Date _____
(Outfitter)

4. TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES

I certify that no alterations have been made on this yacht that would affect the measurements recorded on page two of this document.

Print name _____

Signed _____ Date _____
(Owner)

5. TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT

I certify that I have inspected the changes outlined in the attached plan covering the structural alterations made on this yacht and find them to be in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name _____

Signed _____ Date _____
(Certified Star Class Measurer)

YACHT NUMBER 7534

HULL MEASUREMENTS:

I.
A 4630
B 1193
C 1273
E 2138
O 6707
P 310
R 1955
S 2
TA 15
L.O.A. 6922

II.
Chine Radius OK
Stem Radius OK
Side Flatness OK

III.
Rudder Template OK
Thickness 27
Post Dia. 25

IV.
Skeg Depth 4.0
Skeg Contour 5

V.
Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	251	102	185	390
Chine	822	808	231	290	441
Side	822	793	749	710	673
Bottom Arc	822	OK	OK	OK	OK

VI.
Half Breadths:

Stations	1	3	6	8	Stern
Deck	205	614	858	797	496
Chine	94	406	674	635	410

VII.
Buoyancy: (Builder)
Hull 0.4 m³
Tanks _____
Compartments 0.85 m³
Closed Cell Foam 0.10 m³
Air Bags _____

	OTHER	HEIGHTS	ABOVE	BASELINE	
	2	4	5	7	9
KEEL	355	173	125	128	280

KEEL MEASUREMENTS:

K1 1148
K2 1223
K3 40
K4 1361
K5 26
K6 774
K7 221
K8 311
K9 805
K10 942
K11 84
K12 85
K13 65
K14 306

WEIGHT CERTIFICATION:

Keel less finish 394
Keel with finish 399

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name ROBERTO CAVALLO

Signed [Signature] Date 4.8.90
(BUILDER)
MUSSO

Yacht weight with rigging
674 kg

Added Weight 0

Type and location of added weight _____

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name CANTIERE NAUTICO

SIGNED [Signature]
(BUILDER, outfitter or owner)
MUSSO (Como)

MEASURER'S REMARKS:

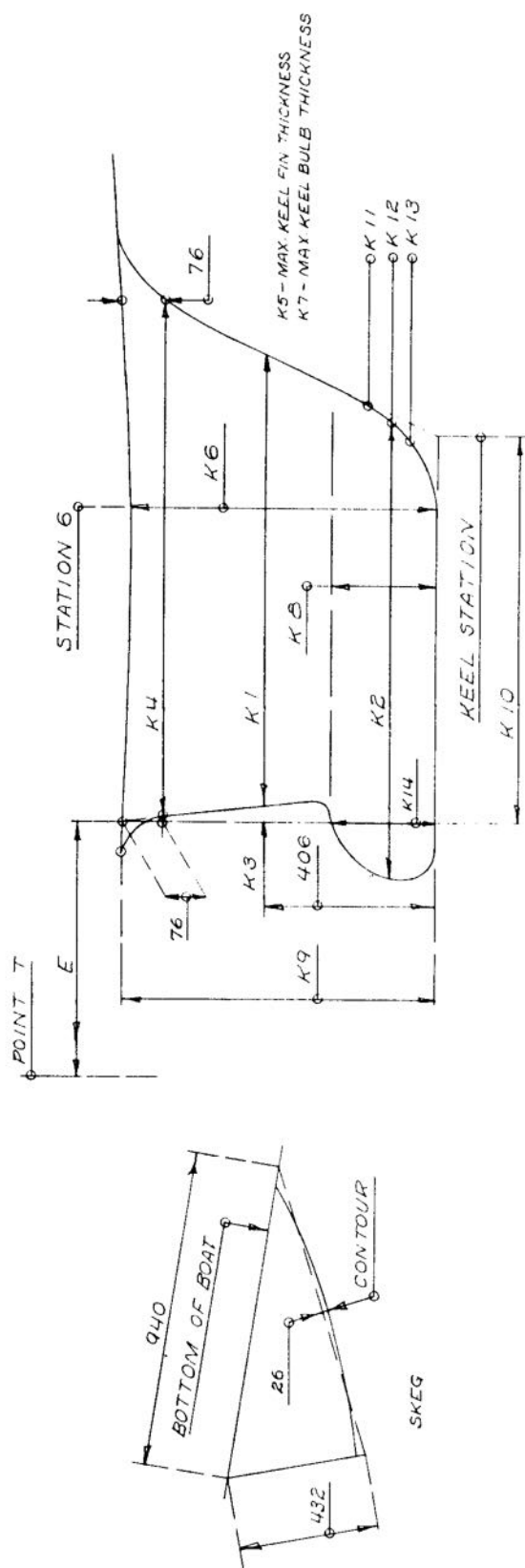
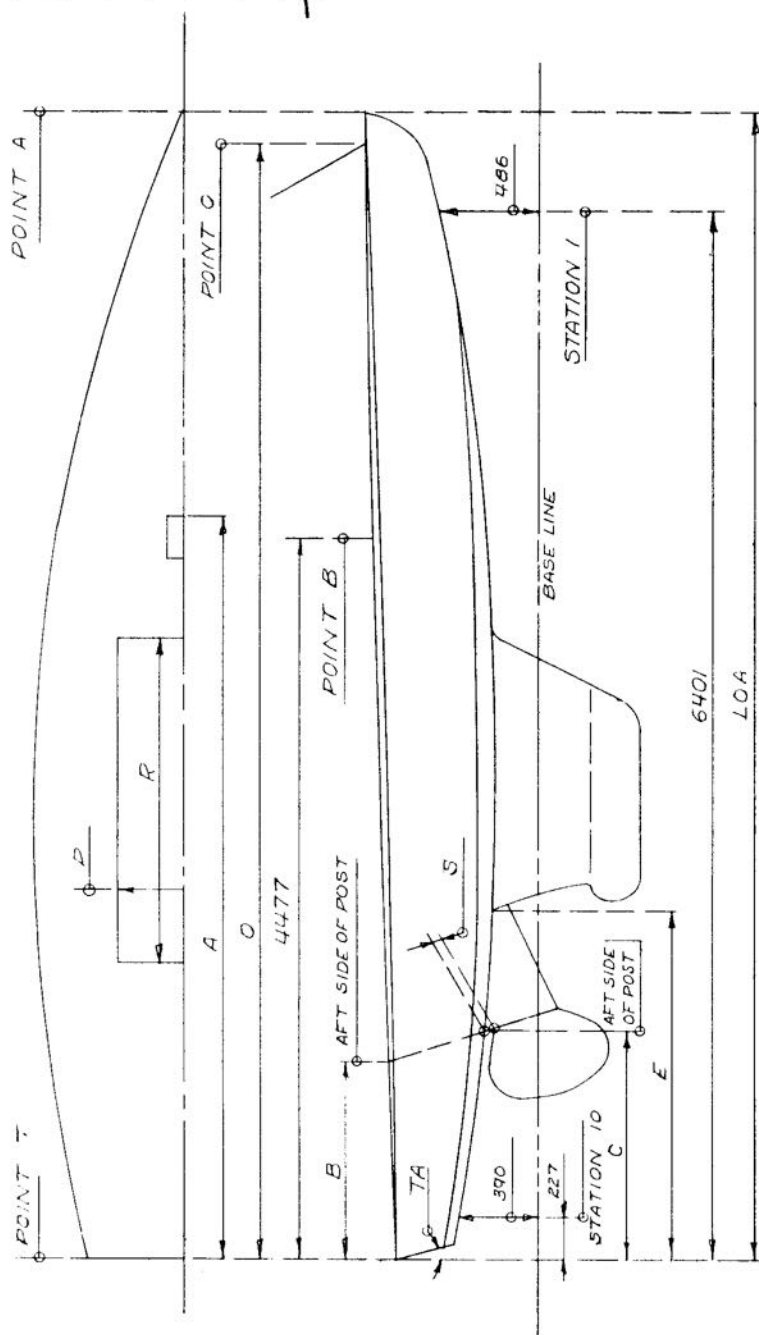
MOST RECENT HULL

FULLY MEASURED FROM

THIS MOLD

7527	4.7.90
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TILES OF APPROVED MATERIAL



SEC. C. 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 made out by the certified measurer in duplicate. He must answer I through VI in the Hull Measurement and all under Keel Measurements. Both Copies are to be sent to the I.S.C.Y.R.A. central office. In case some dimensions are not available, file one copy with the I.S.C.Y.R.A. and forward one copy to the owner who becomes responsible for its completion.
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 cannot measure a yacht in which he owns an interest.

Sec. D. CONDITIONS UNDER WHICH CERTIFICATE IS ISSUED:

1. This certificate is not valid unless it bears the inspection stamp of the I.S.C.Y.R.A. and is signed by the chairman of the International Measurement Committee. It shall be revoked if any structural changes are made or if not properly transferred to a new owner. It may be revoked at any time by order of the International Measurement Committee or the International Governing Committee.
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class. The holder of this certificate shall not be subject to protest on hull measurements unless an order to remeasure is obtained from the International Race Committee, International Measurement Committee, or International Governing Committee.
3. This certificate shall be replaced when the yacht is altered or sold. For replacement, send this certificate and ten dollars, U.S. Funds, to the I.S.C.Y.R.A Central Office.



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

Signed *Joseph Kroul*
(Chairman International Measurement Committee)

Date 27 Aug 1990

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



Yacht Number: 750

Owner TORBEN SCHMIDT GRAEL

Address 7072, FROES 3321

S. FRANCISCO VITEIROI

RIO DE JANEIRO

2025, 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

0.00 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.

Certified Weighmaster:

Signature [Signature]

Print name ANTONIO CARLOS

My term expires MA

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

1534

REC'D AUG 16 1990

FROM : IPHSAICF

PHONE NO. : +753 7905

Feb. 24 1994 01:03PM P12

BTC 1988

YACHT NUMBER

**I.S.C.Y.R.A.
Buoyancy Test Certificate**

7534

Reference: Specifications, 7

**THIS CERTIFICATE IS VALID FOR THIS YACHT AND THIS OWNER ONLY
THIS CERTIFICATE IS NOT TRANSFERABLE TO ANOTHER OWNER
EVERY YACHT OWNER MUST TEST HIS OWN YACHT**

INSTRUCTIONS:

1. Each Star Class Yacht must pass the prescribed buoyancy test which must be conducted by the owner and shall be witnessed by a Fleet or Class Officer or Certified Star Measurer.
2. Yacht with crew, rig and all normal racing equipment, except sails, shall be swamped on a hoist. Boat shall remain afloat, with slack hoist and slack mooring lines, for 10 minutes. (See the LOG for suggested guidelines for conducting the test.)
3. Complete Certification in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 U.S.A.; owner shall retain other copy.**
4. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

5. I conducted a test for this yacht in accordance with the above instructions.

Ernest H. Borch
Owner's Name

[Signature]
Owner or Representative's Signature

22/2/94
Date

I attended the above test and acknowledge that the yacht named floated for 10 minutes following the instructions above. I further certify that the yacht at the time of the test contained only the additional flotation equipment described in Paragraph 4 above.

Ernest H. Borch
Jorge M. Warrick
Witness's Name and Title

[Signature]
Witness's Signature

22/2/94
Date

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