

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

8046 G
YACHT NUMBER 8046

Builder CANTIERE NAUTICO LILLIA

Year Built 2001

Builder's Hull Number 4 LILLIA - SINLESS

Construction Material GRP

Type and location of yacht number in hull DRILLED ON KEEL SON

Yacht Name _____ Fleet _____

Owner LARS GRAEL

Address ESTRADA LEOPOLDO FREY 332 - SAO FRANCISCO NITEROI 24360-005 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 RAVALIA

Signed [Signature] Date 2001-03-24
(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 CANTIERE NAUTICO LILLIA

Signed [Signature] Date 2001-03-24
(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	4611
B	1192
C	1273
E	2141
O	6702
P	305
R	1949
Transom Angle	15°
L.O.A.	6930
Height of Point "B"	453
Chine Radius	OK
Stem Radius	OK
Side Flatness	OK
Rudder Template	OK
Rudder Thickness	27
Rudder Post Diameter	25
Skeg Depth	406
Skeg Contour	5
Tiller Material	OK

Last fully measured hull from this mold # 8034
on June 23, ~~19~~ 2000.

This is hull number 2 since that measurement.

KEEL MEASUREMENTS:

K1	1146
K2	1232
K3	38
K4	1354
K5	26
K6	775
K7	220
K8	309
K9	818
K10	950
K11	89
K12	82
K13	75
K14	261

KEEL CERTIFICATION:

Keel weight 405
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 September 13,
1996 on file at ISCYRA.

Roberto Ravallin
(Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

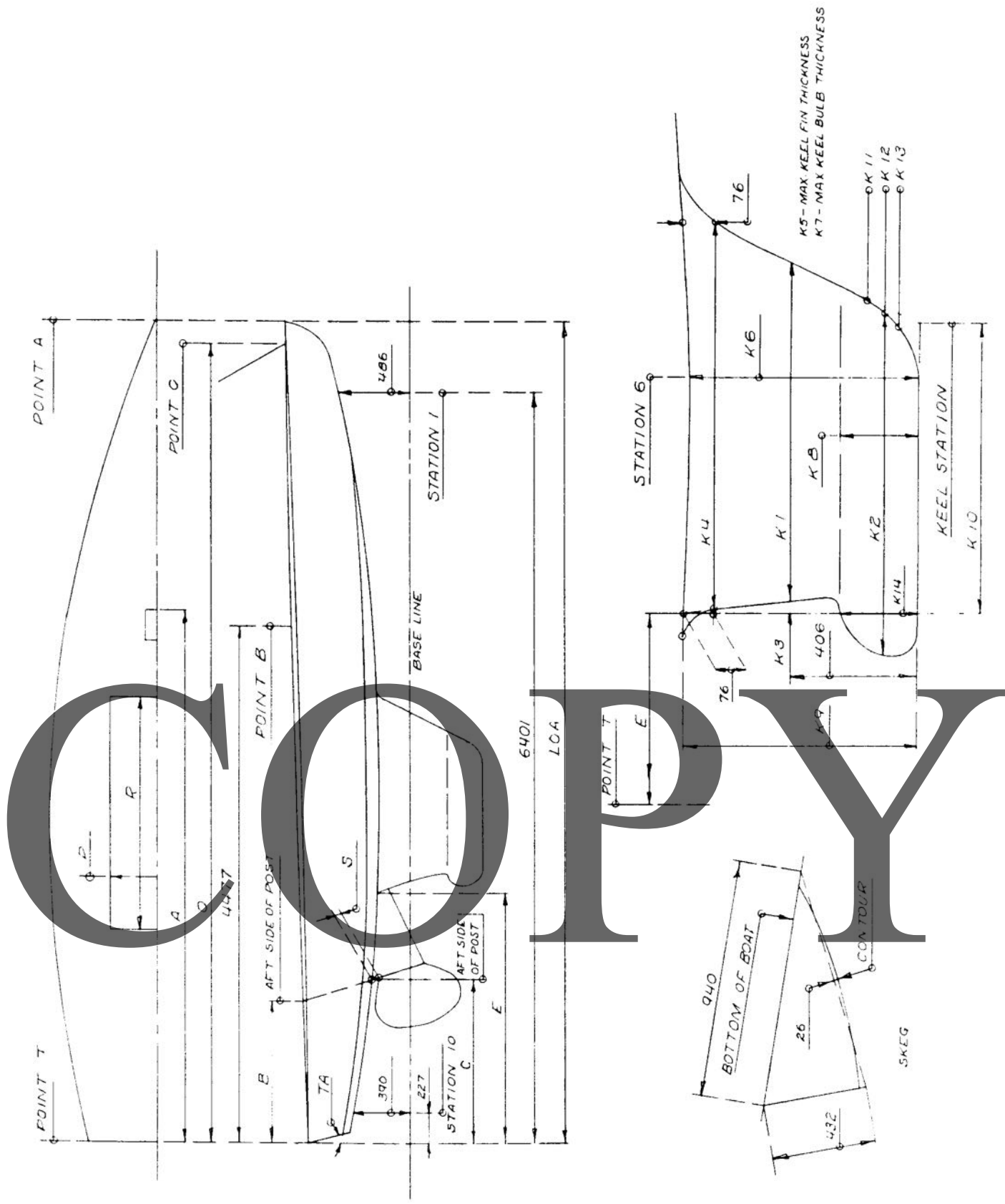
Station	1	2	3	4	5	6	7	8	9	10
Keel	486	353	206	166	114	99	128	198	286	390
Chine	X	X	317	X	X	231	X	301	X	469
Side	832	X	796	X	X	750	X	721	X	676
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	205	614	867	796	497
Chine	93	397	679	632	415

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. Kohn*
(Chairman International Measurement Committee)

Date 22 JUNE 2001

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



Yacht Number 8046

Owner LARS GRAEL

Address ESTRADA LEOPOLDO FERRAS 332

SAO FRANCISCO UTE 201

24360-005 BRAGUE

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 2001-03-24

Certified Weighmaster:

Signature [Signature]

Print name ROBERTO RAVAGLIA

My term expires N.A.

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

RECEIVED JUN 01 2001

[Signature] ENTERED JUN 01 2001

8046

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 WATER TIGHT BULKHEADS

COPY

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

LARS GRAEL
Builder or Owner

CANTIERE NAUTICO
Builder or Owner's Signature
L. Mussa
MUSSO (Como)

2001-24-24
Date

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

White: Owner
Blue: Central Office

Rev 2-95

RECEIVED JUN 01 2001

ENTERED JUN 01 2001

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. 2046

Issued By SCA

Date 16 January 2001

Owner's Name LARS GRAEL

Address ESTRADA LEOPOLDO FROES 332 - SAO FRANCISCO
NITEROI 24350-005 BRASIL

Yacht's name (if known) " _____ "

In what fleet will yacht be sailed? _____

Builder's Name CANTIERE NAUTICO MUSSO

Address VIA REGINA 30 - 22010 MUSSO - CO

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 2001-03-24

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