

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 [Signature]
(Chairman International Measurement Committee)

Date 10 May 1990

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7446
 2. Builder CANTIERE NAUTICO LIMA
 3. Year Built 1990
 4. Builder's Hull Number 112 B
 5. Material of Construction GRP
 6. Type and location of characters used to install yacht number in hull DRIVED ON KEELSON
 7. Yacht Name _____
 8. Owner JOACHIM HELLMICH
 9. Address KLEITERSTR. 9 4760 WERL-BUEDERICH REP OF GERMANY
 10. Fleet JOHNESEC FLEET
 11. Remarks SELF BAILING COCKPIT - POINT B - 471

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 7.4.90
(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 Measurements.

Print name CANTIERE NAUTICO LIMA

Signed [Signature] Date 7.4.90
(Builder)

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 [Signature]

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 7446

KEEL MEASUREMENTS:

- | | |
|-----|------|
| K1 | 144 |
| K2 | 1212 |
| K3 | 31 |
| K4 | 1362 |
| K5 | 26 |
| K6 | 111 |
| K7 | 221 |
| K8 | 311 |
| K9 | 809 |
| K10 | 946 |
| K11 | 81 |
| K12 | 83 |
| K13 | 12 |
| K14 | 300 |

WEIGHT CERTIFICATION:

- | | |
|------------------|------------|
| Keel less finish | <u>394</u> |
| Keel with finish | <u>399</u> |

- 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 ALVAREZ

	1	3	6	8	10
Stations					
Keel	486	244	106	192	390
Chine		290	246	287	445
Side	828	485	749	416	685
Bottom Arc		017	017	OK	OK

- | VI.
Half Breadths: | 1 | 3 | 6 | 8 | Stern |
|-----------------------|-----|-----|-----|-----|-------|
| Stations | 205 | 616 | 858 | 798 | 497 |
| Deck | 94 | 405 | 675 | 634 | 411 |
| China | | | | | |

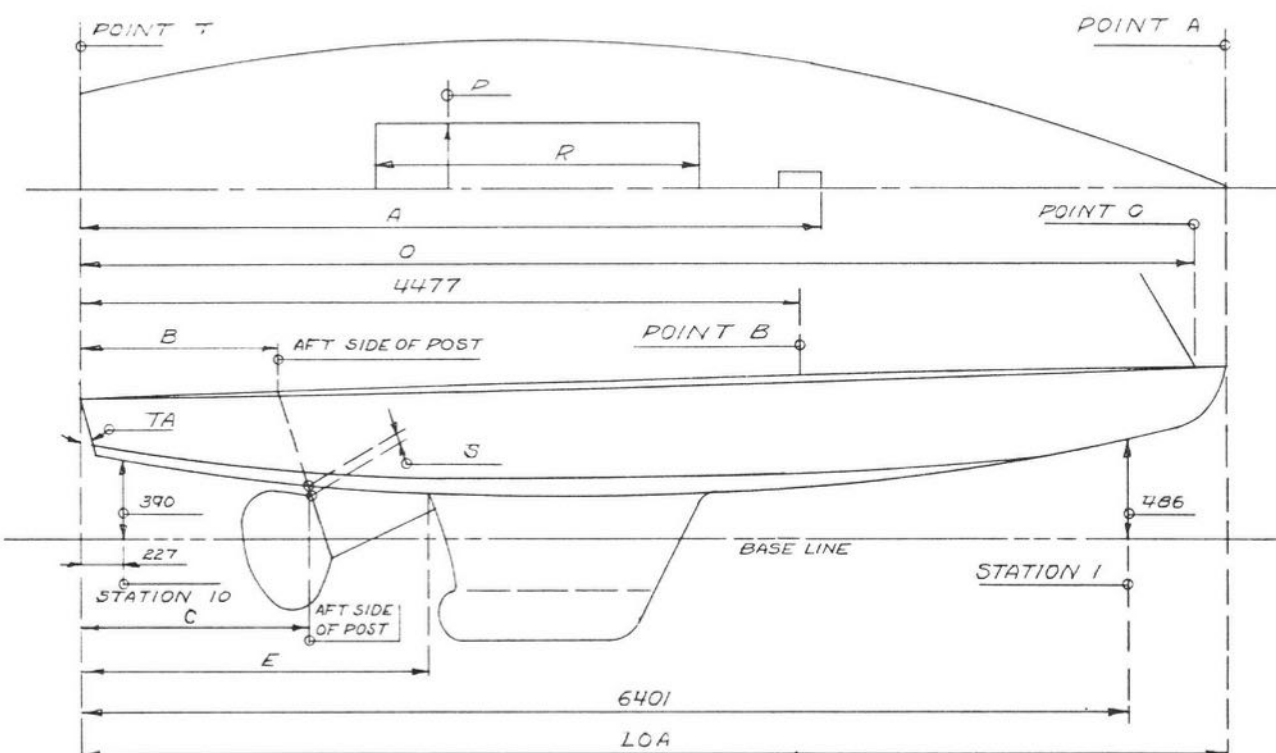
- I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name CANTERBURY HALL 13

SIGNED [Signature]

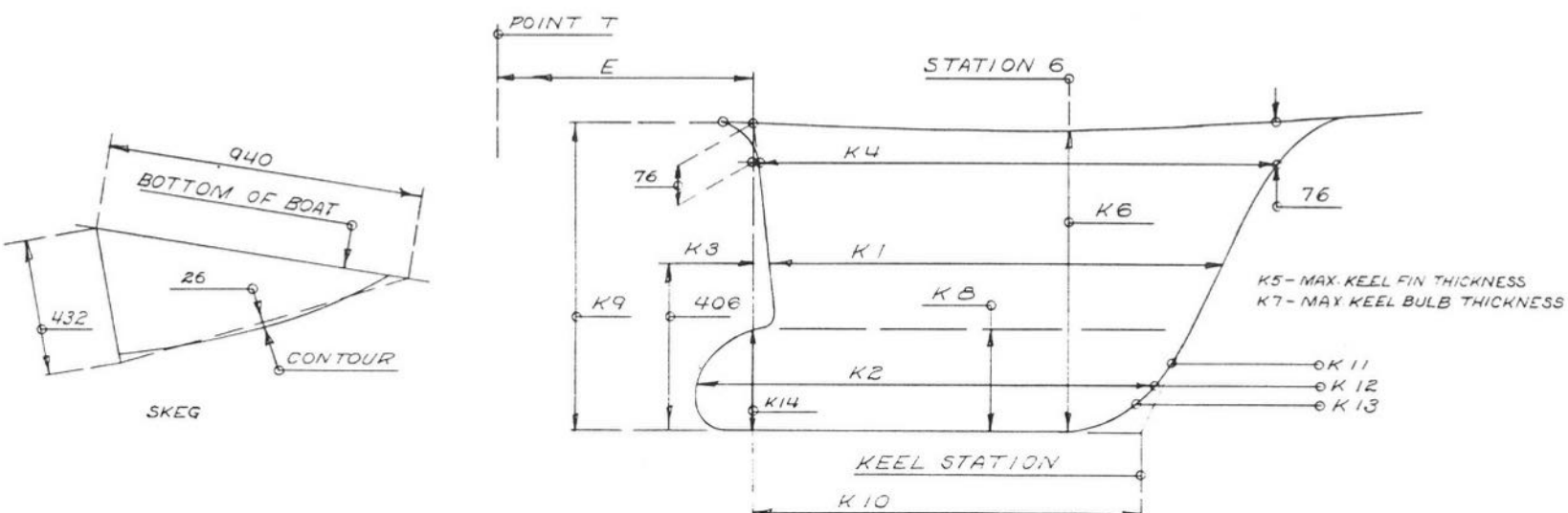
(Builder, ~~owner~~ ^{renter} or owner)
MUSO (Comvo)

COPY



MOST RECENT HULL
FULLY MEASURED THAT
THIS HULL
7477

TIMER OF APPROVED MATERIAL



I. S. C. ★ Y. R. A.

AWARD OF NUMBER
ROYALTY RECEIPT

— To Be Returned To Applicant —

NOTICE—KEEP THIS RECEIPT. OFFICIAL NUMBER MUST BE CUT OR BURNED INTO UPPER SIDE OF KEELSON IN 3" FIGURES FOR IDENTIFICATION. YACHT CANNOT BE MEASURED UNTIL THIS HAS BEEN DONE. THE ISSUING OF A NUMBER DOES NOT IN ITSELF INDICATE ELIGIBILITY, WHICH ALSO DEPENDS UPON A MEASUREMENT CERTIFICATE AND THE OWNER'S QUALIFICATIONS FOR MEMBERSHIP.

— To Be Filled Out by Executive Secretary of I.S.C. ★ Y.R.A. —
To whom it may concern:—

The builder's royalty (Number tax) has been paid on the yacht hereinafter described.

Builder.....CAntiere Nautico Lillia....., of.....Italy.....

Owner.....CAntiere Nautico Lillia....., of.....Italy.....

Remarks.....

Yacht reported as being built (work started) for above owner.
under order (deposit paid) by

The said yacht has been registered by the I.S.C. ★ Y.R.A. under the

OFFICIAL NUMBER#7446.....

This number may be revoked for incorrect information, or other due cause.

Date.....Jan. 23 1990.....

.....Lisa Deber.....

Executive Secretary
International Star Class
Yacht Racing Association

7446

I. S. C. ★ Y. R. A.

APPLICATION FOR NUMBER BUILDER'S ROYALTY RETURN

The Royalty (Number Tax) On
Each Star Class Yacht Built Is

\$100.00

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 Y.R.A.

INSTRUCTIONS

1. For each yacht built, one of these forms must be filed with the Central Office of the Association, address given below.
2. Attached to each form must be a check or money order, made payable to the International Star Class Y.R.A.
3. Typewrite or print distinctly, in filling out form.
4. A receipt, Form R-2, will be sent to the builder, on which the yacht's official number will be shown.

—To Be Filled Out by Applicant For Number Making Return—

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

Write nothing in this space

No. _____

(X) _____

Gentlemen:-

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—

Owner's Name CANTIERE NAUTICO LILLIAAddress VIA PROVINCIALE 21 22010 MUSSO (COMO) ITALY

Yacht's Name (if known) " _____ "

In what fleet will yacht be sailed? _____

Builder's Name CANTIERE NAUTICO LILLIAAddress VIA PROVINCIALE 21 22010 MUSSO (COMO) ITALY

Note—Receipt will be returned to address above given.

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.

05/01/1990

Date _____

Signed _____

INTERNATIONAL STAR CLASS Y.R.A.

1545 WAUKEGAN ROAD

GLENVIEW, ILLINOIS 60025 U.S.A.

THIS APPLICATION
MUST BE SENT TO

Make checks payable to International Star Class Y.R.A.

7446

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:

COPY

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

Olaf Richter
Builder or Owner

x Olaf Richter
Builder or Owner's Signature

23.7.96
Date

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

White: Owner
Blue: Central Office

RECEIVED JUL 29 1996

BTC 1995

YACHT NUMBER

7446

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:

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

Olof Richter x O. Richter 23.7.96
Builder or Owner Builder or Owner's Signature Date

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

White: Owner
Blue: Central Office

RECEIVED IIII 22 1996

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

7446

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.)

0.95 m³ provided by watertight bulkheads

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

JOACHIM HEUTICH

Owner's Name

CANTIERE NAUTICO
CANTIERE NAUTICO LILLIA
MUSCO (Como)

Owner's Representative's Signature

7.4.90

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.

ROBERTO RAVAGLIA-MEASURER

Witness's Name and Title

Witness' Signature

7.4.90

Date

REC'D APR 19 1990

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

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

7446

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:**

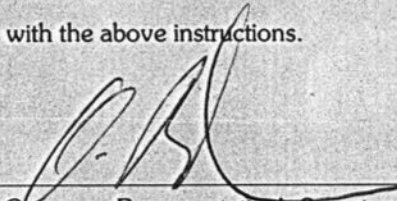
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- Complete Certification in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 U.S.A.; owner shall retain other copy.**
- Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

= none

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

OLAF RICHTER

Owner's Name



Owner or Representative's Signature

6-6-93

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.

RALF WEIDNER

Witness's Name and Title

SECY-LIB.



Witness's Signature

6.6.93

Date

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



Yacht Number: 7446

Owner JOACHIM HELLMICH

Address KLETTERSTR. 9 4760 WERL -

BUEDERICH REP OF GERMANY

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

COPY
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 ROBERTO RAVAGLIA

My term expires N.A.

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

7446 P

REC'D APR 19 1990

I.S.C.Y.R.A.
TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 7 . 4 . 1990

Date Issued: 7 . 4 . 1990

Expiration Date: 22 . 5 . 1990
(45 days after Date Issued)

I have measured Star # 7446 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 Measurement Certificate cannot be renewed and is subject to revocation by the Measurement Committee.

Signed By: , Certified Measurer

Print Name: ROBERTO RAVAGLIA

Copies 1. Owner J. Hellmich
2. Central Office
3. Measurer

REC'D APR 19 1990

7446

SEC. C. TO MEASURERS:

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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.

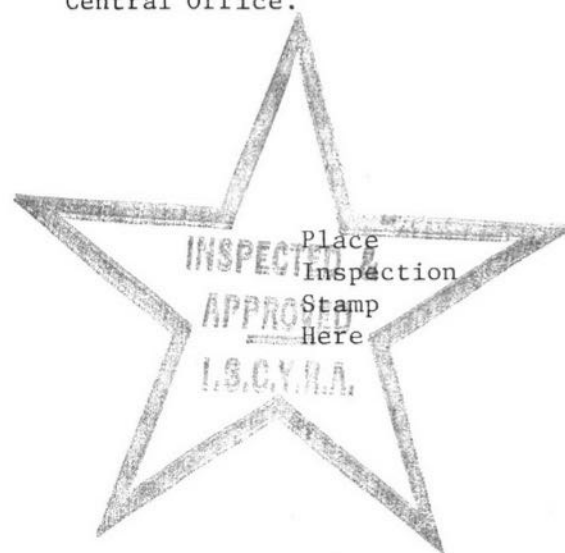
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class. The holder of this certificate shall not be subject to protest on hull measurements unless an order to remeasure is obtained from the International Race Committee, International Measurement 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 *James F. Crowl*
(Chairman International Measurement Committee)

Date 10 May 1990



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7446
 2. Builder CANTIERE NAUTICO LILLIA
 3. Year Built 1990
 4. Builder's Hull Number 112B
 5. Material of Construction GRP
 6. Type and location of characters used to install yacht number in hull DRIVED ON REELSON
 7. Yacht Name _____
 8. Owner JOACHIM HELLMICH
 9. Address KLETERSTR. 9 4760 WERL-BUEDERICH REP OF GERTANY
 10. Fleet MÖHNESEC FLEET
 11. Remarks SELF BAILING COCKPIT - POINT B = 471

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 7.4.1990

(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 Measurements.

Print name CANTIERE NAUTICO LILLIA

Signed *[Signature]* Date 7.4.90

(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 7446

HULL MEASUREMENTS:

I. 4630
A 1192
B 1272
C 2136
E 6101
O 310
P 1955
R 4
S 15
TA 6922
L.O.A. 6922

II. OK
Chine Radius OK
Stem Radius OK
Side Flatness OK

III. YES
Rudder Template 28
Thickness 25
Post Dia. 5

IV. 410
Skeg Depth 5
Skeg Contour

V. Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	244	106	192	380
Chine		299	246	281	445
Side		828	785	749	685
Bottom Arc		OK	OK	OK	OK

VI. Half Breadths:

Stations	1	3	6	8	Stern
Deck	205	616	858	798	499
Chine	94	405	645	634	411

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

KEEL MEASUREMENTS:

K1 1147
K2 1212
K3 37
K4 1362
K5 26
K6 777
K7 221
K8 311
K9 803
K10 946
K11 81
K12 83
K13 72
K14 300

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 NAVARRO
Signed (Builder) Date 7.4.90
Yacht weight with rigging 673

Added Weight 8
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 CANTERELLA
SIGNED (Builder, outfitter or owner)
MUSO (Com)

COPY

MEASURER'S REMARKS:
MOST RECENT HULL
FULLY MEASURED FROM
THIS MOLD
7472
TIMER OF APPROVED
MATERIAL

