

**OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE**YACHT NUMBER 7695Builder Cantiere Nautico LilliaYear Built 1993Builder's Hull Number 143BConstruction Material GRPType and location of yacht number in hull cut into keelsonYacht Name TinaFleet Danish FleetOwner Erik OtterstadAddress Troense Strandvej 28, Troense, Svendborg, Denmark 5700Remarks previous owners: Joachim Hellmich, Heinz Nixdorf Verzin**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 RavagliaSigned \_\_\_\_\_ Date 5 April 1993

(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 NauticoSigned \_\_\_\_\_ Date 5 April 1993

(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)

## 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 Joeyan Brown  
(Chairman International Measurement Committee)

Date 7 MAY 93



## OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## SEC. A.

1. Yacht's Number 4695  
 2. Builder CANTIERE NAUTICO LILIA  
 3. Year Built 1993  
 4. Builder's Hull Number 143B  
 5. Material of Construction GRP  
 6. Type and location of characters used to install yacht number in hull DRILLED ON KEELSON  
 7. Yacht Name \_\_\_\_\_  
 8. Owner JOACHIM HELLMICH  
 9. Address KLETTSTR. 3 4760 WERL - BUEDE RICH - GERMANY  
 10. Fleet \_\_\_\_\_  
 11. Remarks SELF BAILING COCKPIT - POINT B = 473

## 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 5.4.1993  
(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 \_\_\_\_\_

Signed [Signature] Date 5.4.1993  
(Builder) MUSSO

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 7695

HULL MEASUREMENTS:

|        |               |
|--------|---------------|
| I.     |               |
| A      | 4630          |
| B      | 1192          |
| C      | 1275          |
| E      | 2130          |
| O      | 6707          |
| P      | 310           |
| R      | 1955          |
| S      | 2             |
| TA     | 15            |
| L.O.A. | 1690 6910 766 |

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

|                 |    |
|-----------------|----|
| III.            |    |
| Rudder Template | OK |
| Thickness       | 27 |
| Post Dia.       | 25 |

|              |     |
|--------------|-----|
| IV.          |     |
| Skeg Depth   | 408 |
| Skeg Contour | 5   |

V.  
Heights Above Baseline:

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Stations   | 1   | 3   | 6   | 8   | 10  |
| Keel       | 486 | 244 | 106 | 185 | 390 |
| Chine      |     | 303 | 232 | 289 | 450 |
| Side       | 814 | 484 | 451 | 400 | 690 |
| Bottom Arc |     | OK  | OK  | OK  | OK  |

|                |     |     |     |     |       |
|----------------|-----|-----|-----|-----|-------|
| VI.            |     |     |     |     |       |
| Half Breadths: |     |     |     |     |       |
| Stations       | 1   | 3   | 6   | 8   | Stern |
| Deck           | 205 | 615 | 860 | 797 | 498   |
| Chine          | 93  | 406 | 676 | 634 | 415   |

VII.  
Buoyancy: (Builder)

|                  |                     |
|------------------|---------------------|
| Hull             | 0.4m <sup>3</sup>   |
| Tanks            |                     |
| Compartments     | 0.85m <sup>3</sup>  |
| Closed Cell Foam | 0.1m <sup>3</sup>   |
| Air Bags         |                     |
| OTHER            |                     |
| HEIGHTS ABOVE    | 4                   |
| BASELINE         | 9                   |
| KEEL             | 357 178 125 119 276 |

KEEL MEASUREMENTS:

|     |      |
|-----|------|
| K1  | 1146 |
| K2  | 1232 |
| K3  | 95   |
| K4  | 1350 |
| K5  | 26   |
| K6  | 770  |
| K7  | 221  |
| K8  | 308  |
| K9  | 800  |
| K10 | 052  |
| K11 | 88   |
| K12 | 82   |
| K13 | 75   |
| K14 | 270  |

WEIGHT CERTIFICATION:

|                  |     |
|------------------|-----|
| Keel less finish | 393 |
| Keel with finish | 401 |

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 RAMALHA  
Signed RL Date 5.4.93  
(Builder)  
(Builder)  
Yacht weight with rigging 673kg

Added Weight 0  
Type and location of added weight \_\_\_\_\_

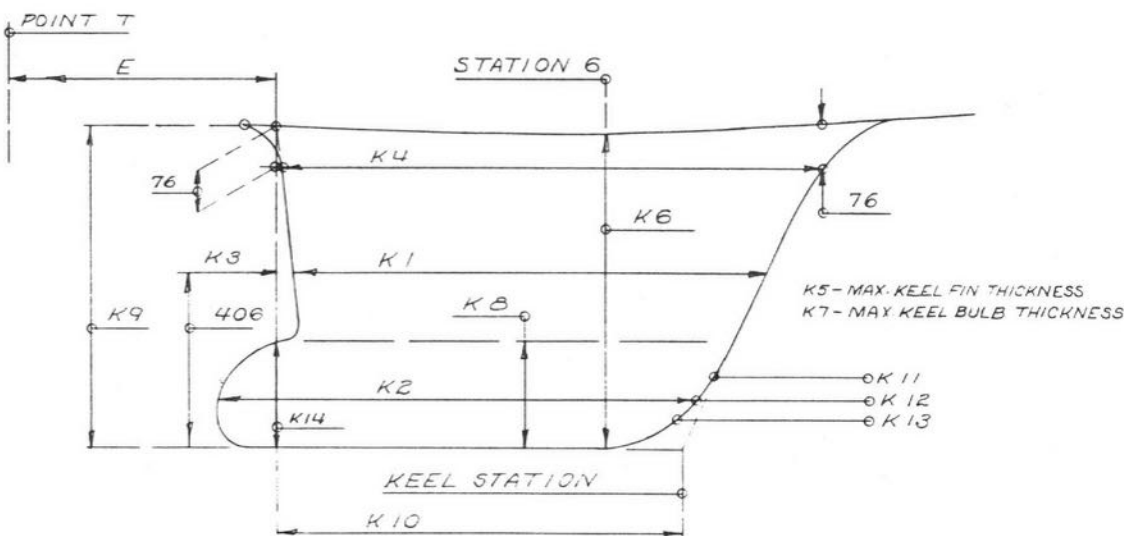
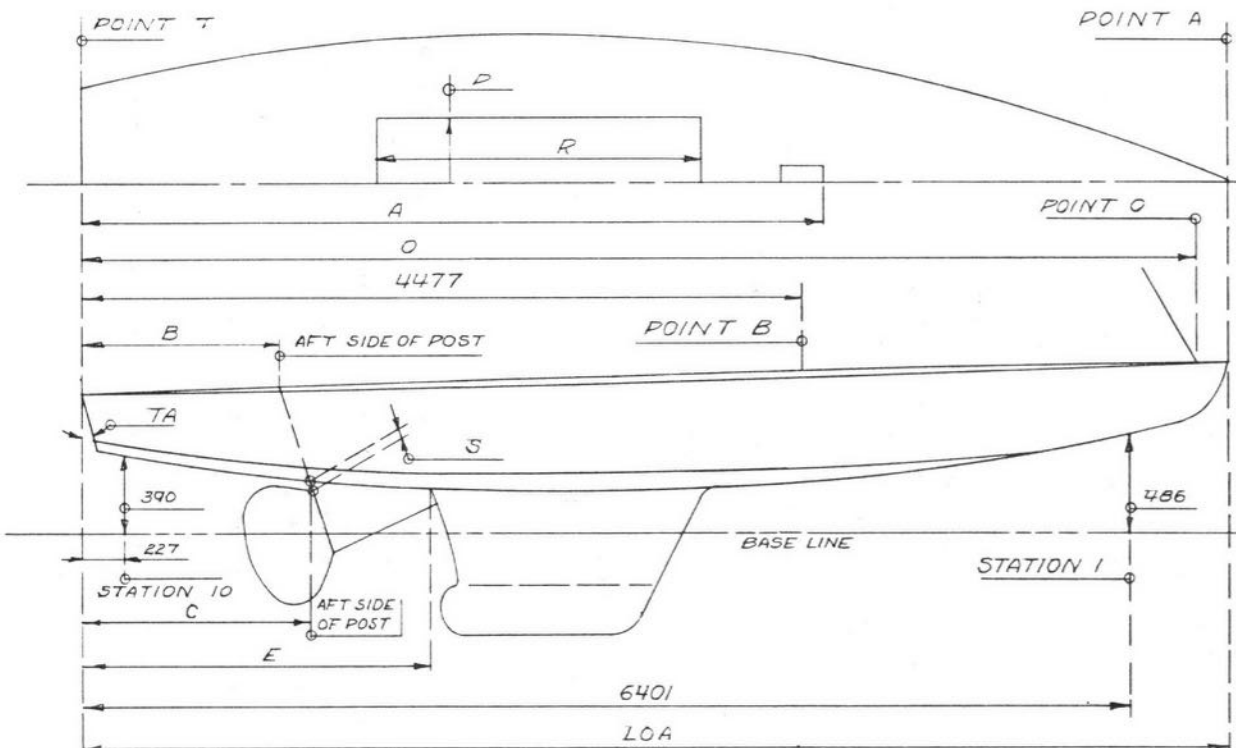
I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name CANTIERE NAUTICO  
SIGNED [Signature]  
(Builder, Owner or Owner's Representative)

MEASURER'S REMARKS:

MOST RECENT HULL  
FULLY MEASURED FROM  
THIS MOLD  
7660 (30.6.1992)

TILLER 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.....Joachim Hellmich..... of.....Germany.....

Remarks.....

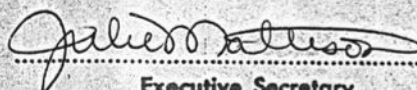
..... sold (hull completed to)  
Yacht reported as being built (work started) for above owner.  
under order (deposit paid) by

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

OFFICIAL NUMBER .....7695.....

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

Date.....April 28.....19 93.....



Executive Secretary  
International Star Class  
Yacht Racing Association

7695

## I. S. C. ★ Y. R. A.

APPLICATION FOR NUMBER  
BUILDER'S ROYALTY RETURNThe 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. 4695

(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 JOACHIM HEURICHAddress KLEITERSTR 9-4760 WERL BUEDERICHGERMANY

Yacht's Name (if known) "\_\_\_\_\_"

In what fleet will yacht be sailed \_\_\_\_\_

Builder's Name CANTIERE NAUTICO LILLIAAddress VIA PROVINCIALE 21 - 22010 MUSSO (CO)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.

Date 05.06.1993Signed [Signature]THIS APPLICATION  
MUST BE SENT TO

INTERNATIONAL STAR CLASS Y.R.A.  
1545 WAUKEGAN ROAD  
GLENVIEW, ILLINOIS 60025 U.S.A.

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

**OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE**

*Duplicate issued*  
*11-26-96*  
*cca*

YACHT NUMBER 7695  
Builder Cantiere Nautico Lillia Year Built 1993  
Builder's Hull Number 143B Construction Material GRP  
Type and location of yacht number in hull drilled on keelson  
Yacht Name \_\_\_\_\_ Fleet \_\_\_\_\_  
Owner Heinz Nixdorf Verein  
Address Pastors Berge 1a 59519 Moehnese  
Remarks self-bailing cockpit

**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 Roberto Ravaglia Date 5 April 93  
(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 Cantiere Nautico Lillia Date 5 April 93  
(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)

My term expires N/A

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

7695

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



Yacht Number: 7695

Owner JOACHIM HELLMICH

Address KLETTSTR. 9

4760 WERL BUEDERICH GERMANY

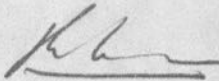
                     Fleet                     

I Certify that I have weighed the above yacht, according to the Rules of the I.S.C.Y.R.A., and find that

10.00 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 

Print name ROBERTO RAVAGLIA

My term expires N/A

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

7695

BTC 1995

YACHT NUMBER

7695

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.

VEREIN ZUR FÖRDERUNG  
DES SEGELSPORTS e.V.

CAUFIERE NAUTICA LILIA

Builder or Owner

Pastors Berge 1a · 59519 Möhnesee

Tel. 02924/2040 · Fax 02924/7370

Builder or Owner's Signature

30.09.96

Date

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

White: Owner

Blue: Central Office

C4-2-97

YACHT NUMBER

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

7695

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.)

0.25 m<sup>3</sup> PROVIDED BY WATERTIGHT BULKHEADS

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

JOACHIM HEURNICH  
Owner's NameCANTIERE NAUTICO  
Owner or Representative's Signature5.4.1993  
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

5.4.1993  
Date

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

## TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 5.4.1993

Date Issued: 5.4.1993

Expiration Date: 20.5.1993  
(45 days after Date Issued)

POINT B = 473

I have measured Star # 7695 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: [Signature], Certified Measurer

Print Name: ROBERTO RAVAGLIA

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