

# OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## Sec.A. Description of Measured Yacht

- Yacht's Number 6504
- Number Molded Or Cut Into Keelson? MOLDED
- Yacht Name \_\_\_\_\_
- Year Built 1979
- Builder L. MADER
- Owner FA. SUDOIMPORT
- Address 5 KALJAEVSKAJA UL. MOSCOW 103 006
- Fleet \_\_\_\_\_
- Remarks \_\_\_\_\_

## Sec.B. Declarations

- To Be Signed By Builder:  
I Certify that this yacht has been constructed in accordance with the current plans and specifications of the I.S.C.Y.R.A.  
Print Name \_\_\_\_\_  
Signed Mader Date 10.10.79
- To Be Signed By Outfitter: (If Other Than Builder)  
I Certify that this yacht is, to the best of my knowledge, fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.  
Print Name \_\_\_\_\_  
Signed Mader Date 10.10.79
- To Be Signed By Certified Star Class Measurer:  
I Certify that I have measured the following items on this yacht, that the particulars on this form are correct, and that to the best of my knowledge this yacht complies with the rules of the I.S.C.Y.R.A. at present in force, unless noted in a letter, attached.  
Items 1-8 Hull, Rudder, Skeg, Keel  
Print Name \_\_\_\_\_  
Signed: Vierges Date 10.10.79  
Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)  
Print Name \_\_\_\_\_  
Signed: Vierges Date 10.10.79
- To Be Signed By Owner When Yacht Is Either Sold Or Structurally Altered.  
I Certify that no alterations have been made to this yacht since original date of measurement, unless a rider describing measurements is attached.  
Signed \_\_\_\_\_ Date \_\_\_\_\_  
Sold To: \_\_\_\_\_ Of \_\_\_\_\_  
Return This Certificate For Renewal - See Sec D.3.

BOOTSWERFT  
LEONHARD MADER  
8221 FISCHING BEI WAGING AM SEE



PRINTED IN U.S.A.

# OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## Sec. C.

### Instructions To Measurers

- 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 as to how to measure will be sent to him by the International Measuring Committee after his appointment.
- This Form must be made out by the Certified Measurer IN DUPLICATE. He must answer all questions in Sect. A, and fill in all dimensions, and file both copies with International Measurement Committee. In the case when all dimensions are not available, file one copy with I.M.C. and forward one copy to owner who becomes responsible for obtaining completion of measurements.
- Declarations must be signed by the builders and/or outfitters as well as the measurers.
- Certified Measurers are entitled to a reasonable fee for measuring, but the Association is not responsible for its payment, and Certified Measurers are advised to collect their fee before filing this Form.
- A Certified Measurer cannot measure a yacht in which he owns an interest except under duly appointed and authorized supervision.

## Sec. D.

### Conditions Under Which Certificate Is Issued

- 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 automatically revoked if any structural alterations are made or if not properly endorsed over to a new owner by former owner, or may be revoked at any time by order of the International Measurement Committee or the International Governing Committee of the International Star Class Yacht Racing Association.
  - This Certificate shall be binding upon all members, Star Fleets, Clubs, or organizations conducting races for the Star Class as such. 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, or unless the protesting party has submitted evidence to show there are reasonable grounds to suspect subsequent alterations or other justifiable causes. See By-Laws, Article VI.
  - This Certificate should be renewed when yacht is altered or sold. For renewal, send this Certificate and \$5.00 to International Measurement Committee, with notation as to any changes in Section A, or Section E.
- ### 4. Warning
- Spars, position of keel, or anything else that is not an integral part of the hull, can easily be changed and should not be depended upon. These, as reported on original certificate, serve also as a protection to the purchaser of a new boat, but are subject to remeasurement as noted above.

NOTE-This space is reserved for International Measurement Committee use.



The International Measurement Committee, having examined all facts and figures certified to herein, finds that the yacht herein described conforms with the plans and specifications of the Star Class within the limitations of the measuring rules, and therefore, grants this Certificate to the said yacht subject to the conditions above set forth for so long as the owner or owners of the said yacht are members of the International Star Class Yacht Racing Association.

Signed William V. Richards  
Chairman International Measurement Committee.

Date 79-12-05

6504 G

SECTION E

2 HEIGHTS\*

| STATIONS | 1   | 2   | 3    | 4   | 5   | 6    | 7   | 8    | 9   | 10   |
|----------|-----|-----|------|-----|-----|------|-----|------|-----|------|
| KEEL     | 486 | 358 | 254  | 176 | 125 | 106  | 134 | 201  | 287 | 390  |
| CHINE    |     |     | 306  |     |     | 230  |     | 301  |     | 454  |
| SIDE     | 826 |     | 786  |     |     | 751  |     | 713  |     | 691  |
| BOT.ARC  |     |     | 0.4. |     |     | 0.4. |     | 0.4. |     | 0.4. |

\*MEASURED FROM BASE LINE

3 HALF BREADTHS

| STATIONS | 1   | 3   | 6   | 8   | STERN |
|----------|-----|-----|-----|-----|-------|
| DECK     | 206 | 615 | 860 | 784 | 498   |
| CHINE    | 95  | 406 | 673 | 627 | 406   |

4 RUDDER FITS TEMPLATE? yes

THICKNESS 25.4 POST DIA 25.4

5 SKEG DEPTH 416  
" LENGTH 786  
" CONTOUR 16

6 KEEL DIMENSIONS

K1 1169  
K2 1229  
K3 32  
K4 1368  
K5 25  
K6 720  
K7 216  
K8 309  
K9 805

K10 964  
K11 ✓  
K12 ✓  
K13 ✓

7 WEIGHTS\*

KEEL (WITH FINISH) 396+6  
HULL (AS MOLDED) 196+3

8 BUOYANCY

CONTAINED IN HULL 0.42  
ADDITIONAL \_\_\_\_\_  
☒ TANKS  
☒ COMPARTMENTS  
☐ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

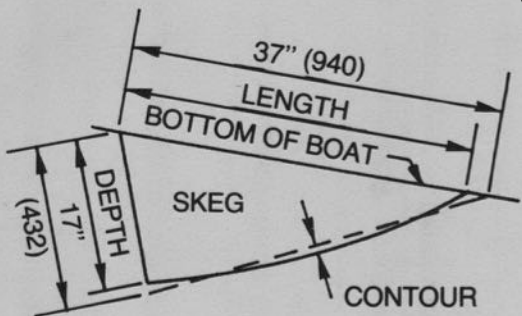
1 HULL MEASUREMENTS

YACHT NO. 6504  
WOOD OR G.R.P. GRP  
L.O.A. 6925  
DIMENSION "A" 2357  
" "B" 1159  
" "C" 1329  
" "E" 2126  
" "P" 305  
" "R" 1975  
" "S" 5  
" "T" 17°

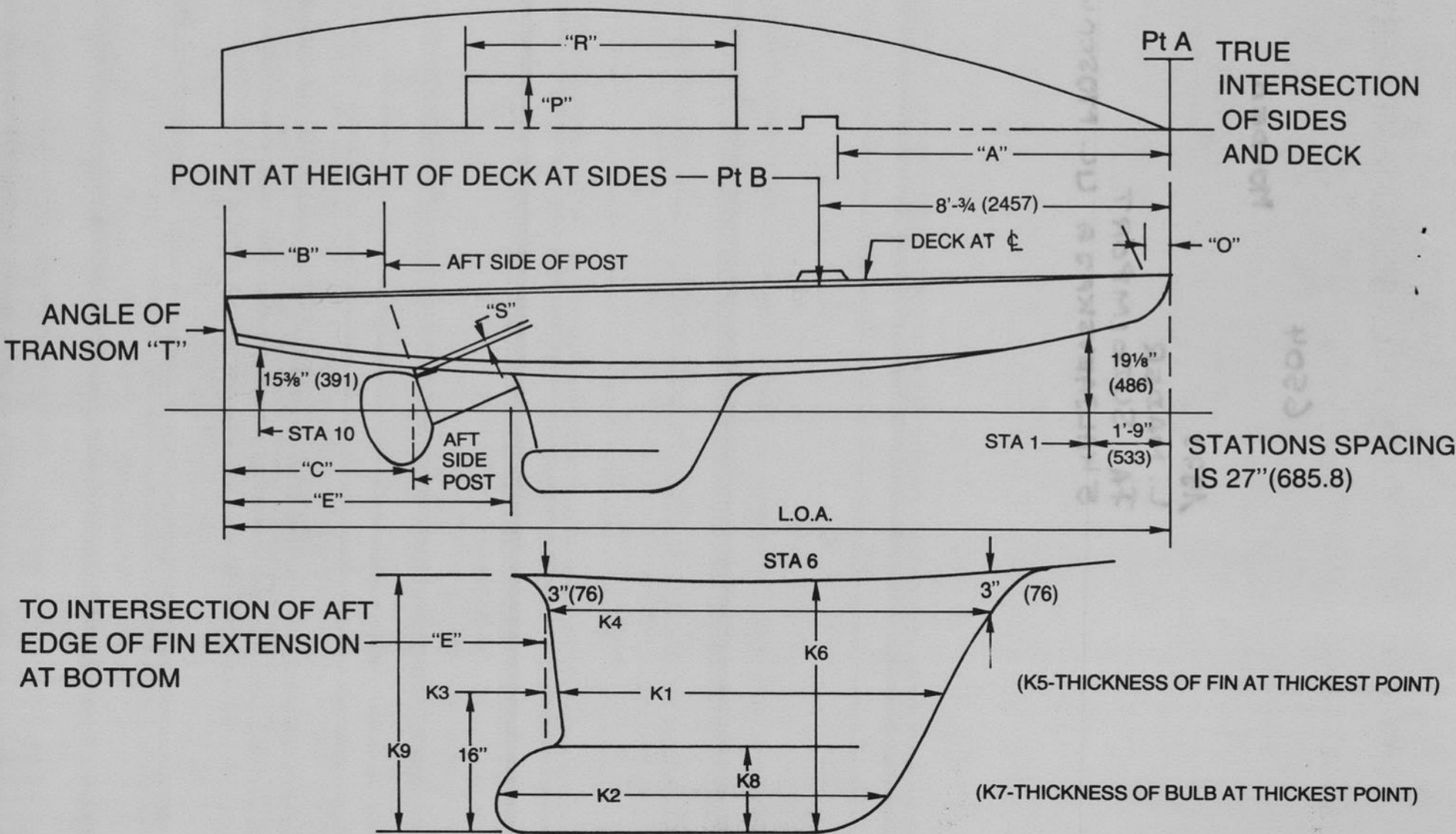
CHINE RADIUS OK? ✓  
STEM RADIUS OK? ✓  
SIDE FLATNESS OK? ✓

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9652  
Pt B TO JIB STAY 6890  
BOOM LNG 4445  
MAST TIP WT. 7.1  
DIMENSION "O" 270  
YACHT WEIGHT 664  
ADDED WEIGHT 8  
TOTAL WEIGHT 672



\*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? yes



YACHT NUMBER

6504

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*

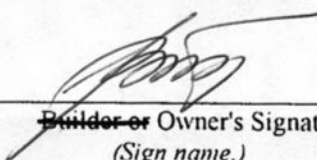
### INSTRUCTIONS:

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 a copy of completed Certificate by mail to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; or by fax to +1 847 729 0718. Owner shall retain a 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.

Yury Zyuzin

~~Builder or~~ Owner  
(Print or type name.)

  
~~Builder or~~ Owner's Signature  
(Sign name.)

04.09.2000

Date  
(Month / Day / Year)

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

Copy 1: Owner  
Copy 2: Central Office

(buoyancy test certificate REV-4/99)

RECEIVED APR 24 2000

C 4/25/00

**OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE**

Duplicate Issued  
18 February 2000 - DCS

YACHT NUMBER 6504

Builder Leonhard Mader

Year Built 1979

Builder's Hull Number N 1291

Construction Material GRP

Type and location of yacht number in hull molded in keelson

Yacht Name \_\_\_\_\_ Fleet \_\_\_\_\_

Owner Yury Zyuzin

Address Mokhnachanskaya Street 77-39, 310189, Kharkov, Ukraine

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 Friedrich Krieger

Signed Friedrich Krieger  
(Certified Star Class Measurer)

Date 10 October 1979

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 Leonhard Mader

Signed Leonhard Mader  
(Builder)

Date 10 October 1979

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 \_\_\_\_\_  
(Certified Star Class Measurer)

Date \_\_\_\_\_

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 \_\_\_\_\_  
(Owner)

Date \_\_\_\_\_

**MEASUREMENTS:****HULL MEASUREMENTS:**

A 2357  
 B 1159  
 C 1329  
 E 2126  
 O 270  
 P 305  
 R 1975  
 Transom Angle 17°  
 L.O.A. 6925  
 Height of Point "B" --  
 Chine Radius ok  
 Stem Radius ok  
 Side Flatness ok  
 Rudder Template ok  
 Rudder Thickness 25.4  
 Rudder Post Diameter 25.4  
 Skeg Depth 416  
 Skeg Contour 16  
 Tiller Material --

Last fully measured hull from this mold # --  
 on --, 19--.

This is hull number ---- since that measurement.

**KEEL MEASUREMENTS:**

K1 1169  
 K2 1229  
 K3 32  
 K4 1368  
 K5 25  
 K6 770  
 K7 216  
 K8 309  
 K9 805  
 K10 964  
 K11 --  
 K12 --  
 K13 --  
 K14 --

**KEEL CERTIFICATION:**

Keel weight 402 w/finish

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 --,  
 19-- on file at ISCIRA.

Leonhard Mader

(Signature - Certified Star Class Measure)  
 Builder

**HEIGHTS ABOVE BASELINE:**

| Station    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Keel       | 486 | 358 | 254 | 176 | 125 | 106 | 134 | 201 | 287 | 390 |
| Chine      | X   | X   | 306 | X   | X   | 230 | X   | 301 | X   | 454 |
| Side       | 826 | X   | 786 | X   | X   | 751 | X   | 713 | X   | 691 |
| Bottom Arc | X   | X   | ok  | X   | X   | ok  | X   | ok  | X   | ok  |

**HALF BREADTHS:**

| Station | 1   | 3   | 6   | 8   | Stern |
|---------|-----|-----|-----|-----|-------|
| Deck    | 206 | 615 | 860 | 784 | 498   |
| Chine   | 95  | 406 | 673 | 627 | 406   |

**BUOYANCY:**

Contained in Hull Lay-up 0.42

Airtight Compartments - 2

Other - Tanks - 2

BTC 1981

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

MAY 23 1983

CENTRAL OFFICE

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

## Buoyancy Test Certificate

This Certificate Expires Two Years From Today On 8 MARTA, 1985

For Owner of Yacht No. 6504

Owner's Name ANDRU V. BALASHOFF

Date of Buoyancy Test 08. 03. 1983 year

### Instructions:

1. Each Star Class Yacht must pass the prescribed buoyancy test every two years.
2. Test must be conducted by owner or his representative and shall be witnessed by a Fleet or Class Officer, or Certified Star Measurer.
3. 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.)
4. Complete Certificate in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Rd., Glenview, IL 60025, U.S.A., owner shall retain other copy.**
5. Describe additional flotation equipment, other than hull structure.  
(Mention type, size, location, etc.)  
WOW

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

A. V. BALASHOFF

Owner's Name

[Signature]  
Owner or Representative's Signature

8.03.1983y.

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 5 above.

FLEET SECRETARY  
OF THE MOSCOW FLEET

Witness' Name and Title

TIMIR A. PINEGIN

[Signature]  
Witness' Signature

14. III. 1983

Date

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

MAY 24 1983

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

## Buoyancy Test Certificate

CENTRAL OFFICE

This Certificate Expires Two Years From Today On May 8, 1985For Owner of Yacht No. 6504Owner's Name Bp. Spartacus S.C.Date of Buoyancy Test May 8, 1983**Instructions:**

1. Each Star Class Yacht must pass the prescribed buoyancy test every two years.
2. Test must be conducted by owner or his representative and shall be witnessed by a Fleet or Class Officer, or Certified Star Measurer.
3. 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.)
4. Complete Certificate in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Rd., Glenview, IL 60025, U.S.A., owner shall retain other copy.**
5. Describe additional flotation equipment, other than hull structure.  
(Mention type, size, location, etc.)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

Bp. Spartacus S.C.  
Owner's Name

Sylvia Telepky  
Owner or Representative's Signature

May 8, 1983  
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 5 above.

Andras Ujhelyi, Greghegy Fleet  
Witness' Name and Title

Andras Ujhelyi  
Witness' Signature

May 8, 1983  
Date

6504

✓

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE  
(Metric Measurements Preferred)

|   |                                  |
|---|----------------------------------|
| A | Builder's Hull No. <u>N 1291</u> |
|   | Yacht No. <u>6504</u>            |
| B | Hull Less Skeg <u>196</u>        |
|   | Hull with Skeg <u>199</u>        |
| C | Keel Less Finish <u>396</u>      |
|   | Keel with Finish <u>402</u>      |

I certify that the hull and keel weights shown were measured on a balance scale, or spring scale, or an electric load cell, (underline one) which has been calibrated within the last year to  $\frac{1}{2}$  of 1%.

Builder must fill in at least one item in each of A, B, and C, and sign

Date 10.10.79 Signed Mader

|   |                                                                      |
|---|----------------------------------------------------------------------|
| D | Yacht Weight with Rig <u>664</u>                                     |
|   | Added Weight <u>8 kg on the deck</u><br>(Describe type and location) |

I certify that the yacht weight shown is measured on a balance scale, or spring scale, or an electric load cell (underline one) which has been calibrated within the last year to  $\frac{1}{2}$  of 1%. Builder, Outfitter or Owner must sign

Date 10.10.79 Signed Mader

BOOTSWERFT  
LEONHARD MADER

8221 FISCHING BEI WAGING AM SEE