

# OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## Sec.A. Description of Measured Yacht

- Yacht's Number 6534
- Number Molded Or Cut Into Keelson? MOLDED
- Yacht Name MINHOCA
- Year Built 1980
- Builder L. MADER
- Owner PATRICK MONTEIRO DE BARROS
- Address % PHILIPP BROTHERS, 33 RUE DE LA BAUME,
- Fleet CASCAI 75008 PARIS
- 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 2.1.80
- 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 2.1.80
- 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: Krieger Date 2.1.80  
Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)  
Print Name \_\_\_\_\_  
Signed: Krieger Date 2.1.80
- 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.

8221 FISCHING BEI WAGING AM SEE  
LEONHARD MADER  
BOOTSWERFT



# OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

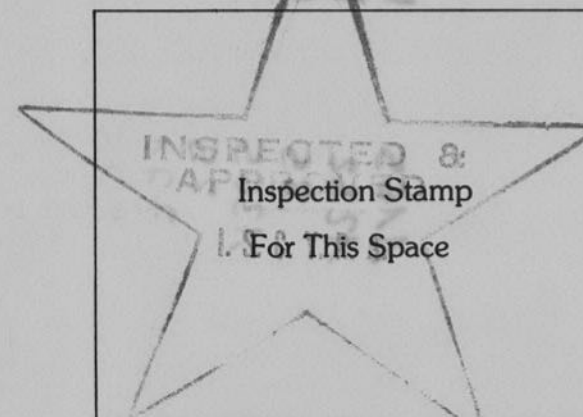
## Sec. C. Instructions To Measurers

- 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.
- 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 80-01-26

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 | 380  |
| CHINE    |     |     | 306  |     |     | 230  |     | 301  |     | 454  |
| SIDE     | 826 |     | 786  |     |     | 751  |     | 713  |     | 691  |
| BOT.ARC  |     |     | O.K. |     |     | O.K. |     | O.K. |     | O.K. |

\*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 4.16  
" LENGTH 786  
" CONTOUR 16

6 KEEL DIMENSIONS

|    |             |                    |
|----|-------------|--------------------|
| K1 | <u>1165</u> | K 10... <u>965</u> |
| K2 | <u>1232</u> | K 11... <u>✓</u>   |
| K3 | <u>35</u>   | K 12... <u>✓</u>   |
| K4 | <u>1365</u> | K 13... <u>✓</u>   |
| K5 | <u>25</u>   |                    |
| K6 | <u>771</u>  |                    |
| K7 | <u>215</u>  |                    |
| K8 | <u>310</u>  |                    |
| K9 | <u>805</u>  |                    |

7 WEIGHTS\*

KEEL (WITH FINISH) 395 / 401  
HULL (AS MOLDED) 152 / 195

8 BUOYANCY

CONTAINED IN HULL 0.36  
ADDITIONAL 0.64  
☒ TANKS  
☒ COMPARTMENTS  
☐ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

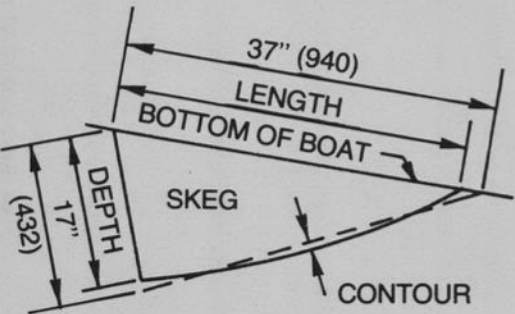
YACHT NO. 6534  
WOOD OR G.R.P. G.R.P.  
L.O.A. 6925  
DIMENSION "A" 2357  
" "B" 1159  
" "C" 1329  
" "E" 2134  
" "P" 305  
" "R" 1975  
" "S" 5  
" "T" 17°

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

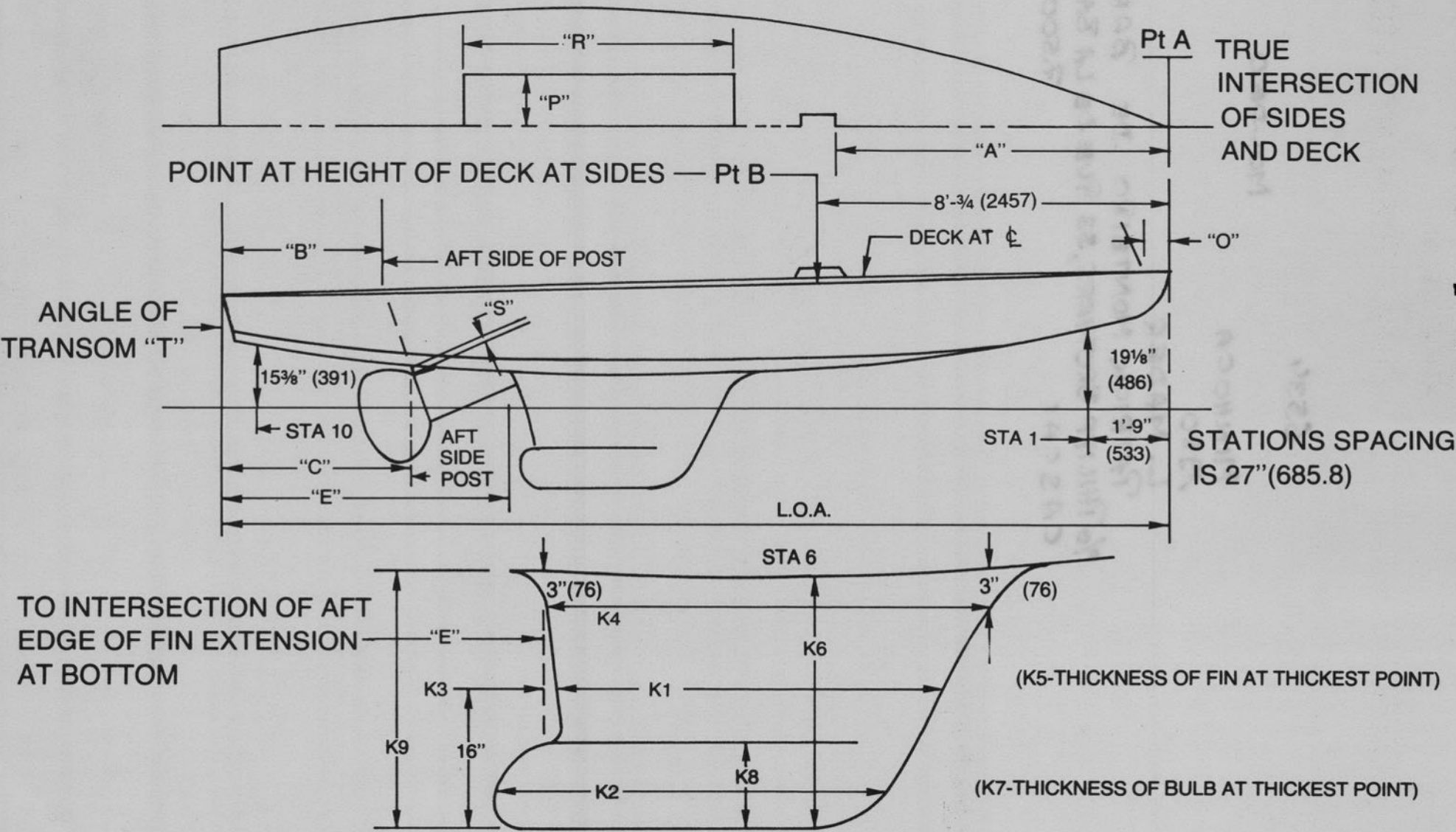
9 SPARS & YACHT WEIGHT

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 658.0  
ADDED WEIGHT 13.5  
TOTAL WEIGHT 671.5

COPY



\*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? yes



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

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

AUG 3 1982

CENTRAL OFFICE

## Buoyancy Test Certificate

This Certificate Expires Two Years From Today On JUNE 1st, 1984For Owner of Yacht No. 6534Owner's Name P. MONTEIRO de BARROSDate of Buoyancy Test JUNE 1st, 1982

## 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.

P. MONTEIRO DE BARROS

Owner's Name

[Signature]

Owner or Representative's Signature

1/6/82

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.

DUARTE BELLO (FLEET SCY)

Witness' Name and Title

[Signature]

Witness' Signature

1/6/82

Date

6534

# International Star Class Yacht Racing Association

## WEIGHT CERTIFICATE (Metric Measurements Preferred)

|   |                    |                 |
|---|--------------------|-----------------|
| A | Builder's Hull No. | <u>0 - 1310</u> |
|   | Yacht No.          | <u>6534</u>     |
| B | Hull Less Skeg     | <u>192</u>      |
|   | Hull with Skeg     | <u>195</u>      |
| C | Keel Less Finish   | <u>395</u>      |
|   | Keel with Finish   | <u>401</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 2.1.80

Signed Mader

|   |                              |                                       |
|---|------------------------------|---------------------------------------|
| D | Yacht Weight with Rig        | <u>658</u>                            |
|   | Added Weight                 | <u>13.5</u> <u>at 2.5m under deck</u> |
|   | (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 2.1.80

Signed Mader

**BOOTSWERFT**  
**LEONHARD MADER**  
8221 FISCHING BEI WAGING AM SEE