

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 6 OCT 87

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7285  
2. Builder Danilo Folli, Mandello Lario, Italy  
3. Year Built 1987  
4. Builder's Hull Number 84  
5. Material of Construction G.R.P.  
6. Type and location of characters used to install yacht number in hull cut to the cockpit's floor  
7. Yacht Name \_\_\_\_\_  
8. Owner Eduardo De Souza Ramos  
9. Address Caixa Postal 10217, Sao Paulo, 01000 Brazil  
10. Fleet GvB  
11. Remarks Point B 481

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 DOTI ARCHITETTO EZIO TASOL

Signed [Signature] Date September 12, 87  
(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 Danilo Folli

Signed [Signature] Date September 12, 87  
(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 \_\_\_\_\_

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 7285

HULL MEASUREMENTS:

|        |      |
|--------|------|
| I.     |      |
| A      | 4578 |
| B      | 1188 |
| C      | 1277 |
| E      | 2141 |
| O      | 6650 |
| P      | 309  |
| R      | 1953 |
| S      | 4    |
| TA     | 15°  |
| L.O.A. | 6933 |

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

|                 |    |
|-----------------|----|
| III.            |    |
| Rudder Template | OK |
| Thickness       | 28 |
| Post Dia.       | 25 |

|              |     |
|--------------|-----|
| IV.          |     |
| Skeg Depth   | 430 |
| Skeg Contour | OK  |

V.  
Heights Above Baseline:

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Stations   | 1   | 3   | 6   | 8   | 10  |
| Keel       | 486 | 245 | 106 | 188 | 390 |
| Chine      |     | 304 | 231 | 287 | 442 |
| Side       | 826 | 796 | 751 | 714 | 673 |
| Bottom Arc |     | OK  | OK  | OK  | OK  |

|                |     |     |     |     |       |
|----------------|-----|-----|-----|-----|-------|
| VI.            |     |     |     |     |       |
| Half Breadths: |     |     |     |     |       |
| Stations       | 1   | 3   | 6   | 8   | Stern |
| Deck           | 206 | 615 | 862 | 800 | 500   |
| Chine          | 95  | 410 | 676 | 634 | 411   |

VII.  
Buoyancy: (Builder)  
Hull 359 dm<sup>3</sup>  
Tanks 1470 dm<sup>3</sup>  
Compartments 1470 dm<sup>3</sup>  
Closed Cell Foam           
Air Bags         

KEEL MEASUREMENTS:

|     |      |
|-----|------|
| K1  | 1161 |
| K2  | 1237 |
| K3  | 33   |
| K4  | 1373 |
| K5  | 26   |
| K6  | 766  |
| K7  | 214  |
| K8  | 311  |
| K9  | 822  |
| K10 | 917  |
| K11 | OK   |
| K12 | OK   |
| K13 | OK   |
| K14 | 304  |

WEIGHT CERTIFICATION:

Keel less finish           
Keel with finish Kg. 407

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 Daniilo Follis

Signed [Signature] Date Sept. 12. 87  
(Builder)

Yacht weight with rigging Kg. 667

Added Weight Kg. 4

Type and location of added weight Lead under deck

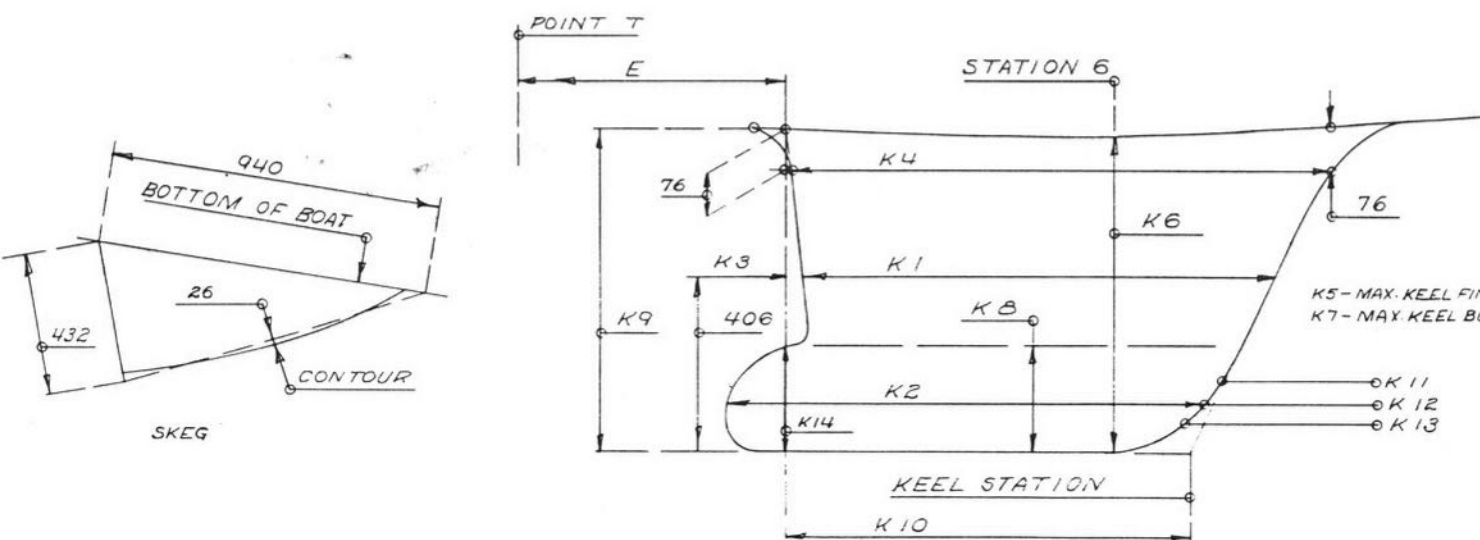
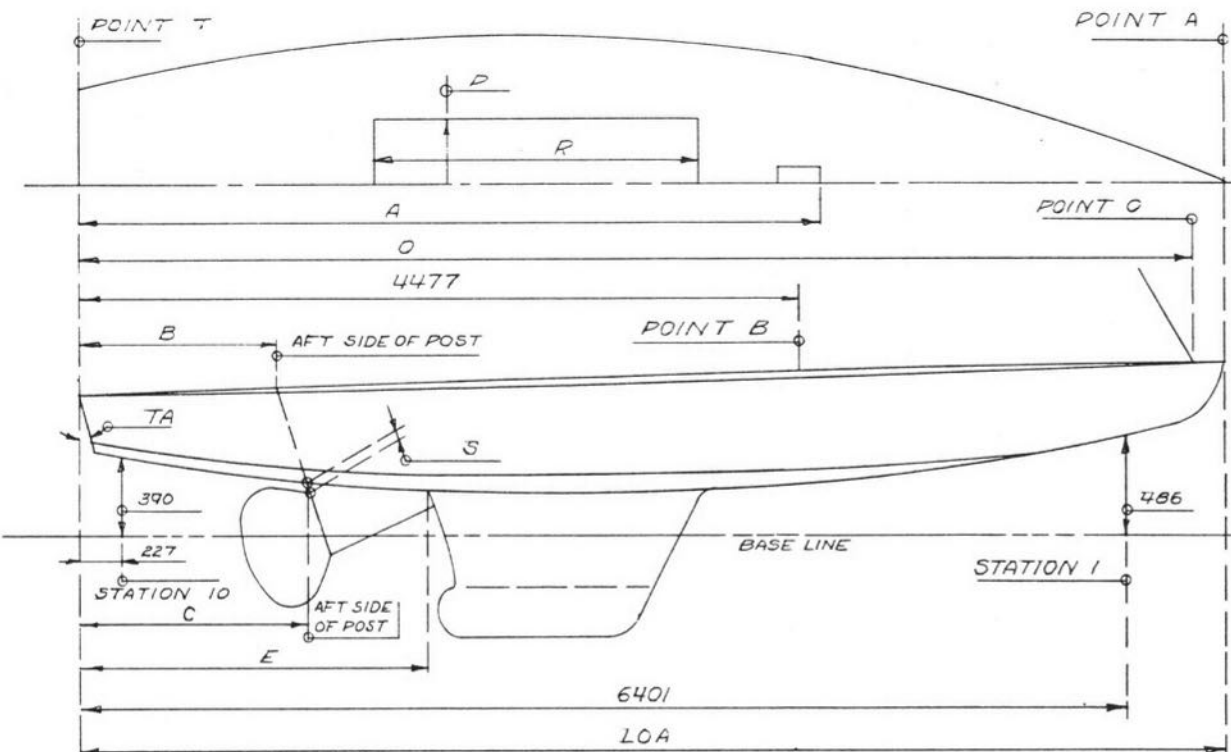
I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name Daniilo Follis

SIGNED [Signature]  
(Builder, outfitter or owner)

MEASURER'S REMARKS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE**

**YACHT NUMBER** 7285

**Builder** Danilo Folli, Mandello Lario, Italy

**Year Built** 1987

**Builder's Hull Number** 84

**Construction Material** GRP

**Type and location of yacht number in hull** cut to the cockpit's floor

**Yacht Name** Ippon

**Fleet** Copacabana

**Owner** Jorge Bhering de Mattos

**Address** Av Nilo Pecanha 26/1301, 20020-100 Rio de Janeiro-RJ, Brazil

**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** Ezio Fasoli

**Signed** Ezio Fasoli  
(Certified Star Class Measurer)

**Date** September 12, 1987

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** Danilo Folli

**Signed** Danilo Folli  
(Builder)

**Date** September 12, 1987

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 4578  
 B 1188  
 C 1277  
 E 2141  
 O 6650  
 P 309  
 R 1953  
 Transom Angle 15°  
 L.O.A. 6933  
 Height of Point "B" 481  
 Chine Radius ok  
 Stem Radius ok  
 Side Flatness ok  
 Rudder Template ok  
 Rudder Thickness 28  
 Rudder Post Diameter 25  
 Skeg Depth 430  
 Skeg Contour ok  
 Tiller Material --

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

This is hull number -- since that measurement.

**KEEL MEASUREMENTS:**

K1 1161  
 K2 1237  
 K3 33  
 K4 1373  
 K5 26  
 K6 766  
 K7 214  
 K8 311  
 K9 822  
 K10 917  
 K11 ok  
 K12 ok  
 K13 ok  
 K14 304

**KEEL CERTIFICATION:**

Keel weight 407 kg 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 ISCYRA.

Danilo Folli

(Signature - Certified Star Class Measurer)  
 Builder

**HEIGHTS ABOVE BASELINE:**

| Station    | 1   | 2  | 3   | 4  | 5  | 6   | 7  | 8   | 9  | 10  |
|------------|-----|----|-----|----|----|-----|----|-----|----|-----|
| Keel       | 486 | -- | 245 | -- | -- | 106 | -- | 188 | -- | 390 |
| Chine      | X   | X  | 304 | X  | X  | 231 | X  | 287 | X  | 442 |
| Side       | 826 | X  | 796 | X  | X  | 751 | X  | 714 | X  | 673 |
| Bottom Arc | X   | X  | ok  | X  | X  | ok  | X  | ok  | X  | ok  |

**HALF BREADTHS:**

| Station | 1   | 3   | 6   | 8   | Stern |
|---------|-----|-----|-----|-----|-------|
| Deck    | 206 | 615 | 862 | 800 | 500   |
| Chine   | 95  | 410 | 676 | 634 | 411   |

**BUOYANCY:**

Contained in Hull Lay-up 359 dm<sup>3</sup>  
 Airtight Compartments 1770 dm<sup>3</sup>  
 Other

7285

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

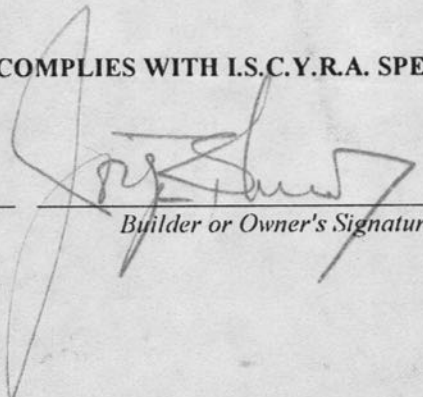
## INSTRUCTIONS:

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.

Jorge BHERING  
Builder or Owner

  
Builder or Owner's Signature

12/16/97  
Date

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

White: Owner  
Blue: Central Office

DD

ENTERED JAN 08 1998

RECEIVED DEC 29 1997

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



october. 16- 1987

Yacht Number: 7285

Owner Eduardo de Souza Ramos

Address SAO PAULO BRASIL

Fleet G.V.B.

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**

4.00 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 Cris A. Fach

Print name DOCT. ARCHITETTO EZIO FASOLI

My term expires " N/A "

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

7285

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

OCT 28 1987

CENTRAL OFFICE

YACHT NUMBER

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

7285

Reference: Specifications, Article VII

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.)

COPY

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

PETER E. SENSEN  
Owner's Name

Peter E. SENSEN  
Owner or Representative's Signature

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.

Pedro Bouleas  
Witness's Name and Title  
604 N. 48th St. Fleet  
Secretary

Pedro Bouleas  
Witness's Signature

24/5/87  
Date

REC'D AUG 26 1987

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

7285