

## 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 Joseph T. Nowlin  
(Chairman International Measurement Committee)

Date 23 FEB 1986



## OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## SEC. A.

1. Yacht's Number 7121  
 2. Builder EXACT BOAT CO., INC., 2827 BUREN AVE., CAMDEN, N.J. 08105 USA  
 3. Year Built 1986  
 4. Builder's Hull Number 009  
 5. Material of Construction FIBERGLASS AND CLOSED CELL FOAM  
 6. Type and location of characters used to install yacht number in hull 3" PLASTIC NUMBERS BOND TO FLOOR BEHIND THE MAST  
 7. Yacht Name \_\_\_\_\_  
 8. Owner MR. ROBERT VAN WAGNAN  
 9. Address 3747 COLORADO AVE., LORAIN, OHIO 44054 USA  
 10. Fleet SLE  
 11. Remarks \_\_\_\_\_

## 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 Edwin Arnold

Signed Edwin Arnold Date 1/15/86  
(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 ANDREW MENKART

Signed Andrew Menkart Date 1/20/86  
(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 ANDREW MENKART

Signed Andrew Menkart Date 1/20/86  
(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 7121

HULL MEASUREMENTS:

I. A 4664  
B 1180  
C 1285  
E 2147  
O 6628  
P 310  
R 1997  
S 7  
TA 150  
L.O.A. 6918

II. Chine Radius OK  
Stem Radius OK  
Side Flatness OK

III. Rudder Template OK  
Thickness 87  
Post Dia. 86

IV. Skeg Depth 412  
Skeg Contour 25

V. Heights Above Baseline:

| Stations   | 1   | 3   | 6   | 8   | 10  |
|------------|-----|-----|-----|-----|-----|
| Keel       | 486 | 250 | 102 | 188 | 390 |
| Chine      |     | 308 | 226 | 296 | 452 |
| Side       | 813 | 779 | 725 | 699 | 678 |
| Bottom Arc |     | OK  | OK  | OK  | OK  |

| VI. Half Breadths: | 1   | 3   | 6   | 8   | Stern |
|--------------------|-----|-----|-----|-----|-------|
| Stations           |     |     |     |     |       |
| Deck               | 200 | 606 | 863 | 794 | 492   |
| Chine              | 94  | 404 | 674 | 635 | 416   |

VII. Buoyancy: (Builder)  
Hull 4 m<sup>3</sup>  
Tanks  
Compartments 1.42 m<sup>3</sup>  
Closed Cell Foam  
Air Bags

KEEL MEASUREMENTS:

K1 1149  
K2 1235  
K3 47  
K4 1367  
K5 25  
K6 777  
K7 218  
K8 307  
K9 812  
K10 964  
K11 OK  
K12 OK  
K13 OK  
K14 305

WEIGHT CERTIFICATION:

Keel less finish 890 #  
Keel with finish 898 #

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 Andrew Menckert  
Signed A. Menckert Date 1/29/86  
(Builder)

Yacht weight with rigging 1492 #

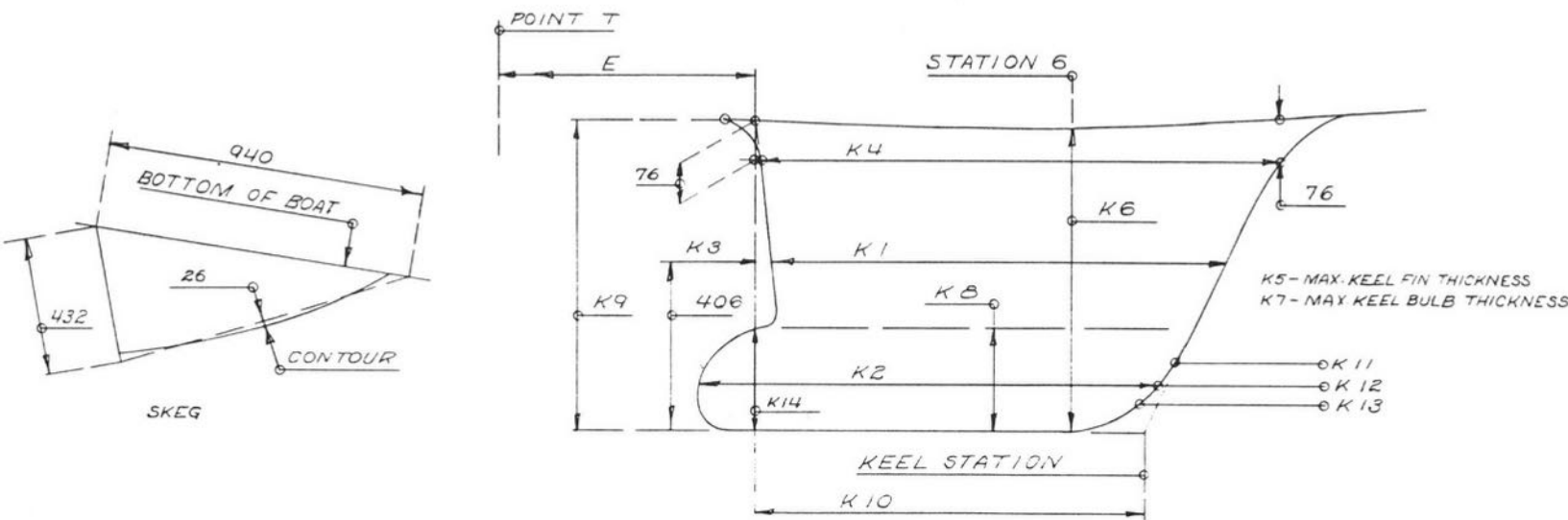
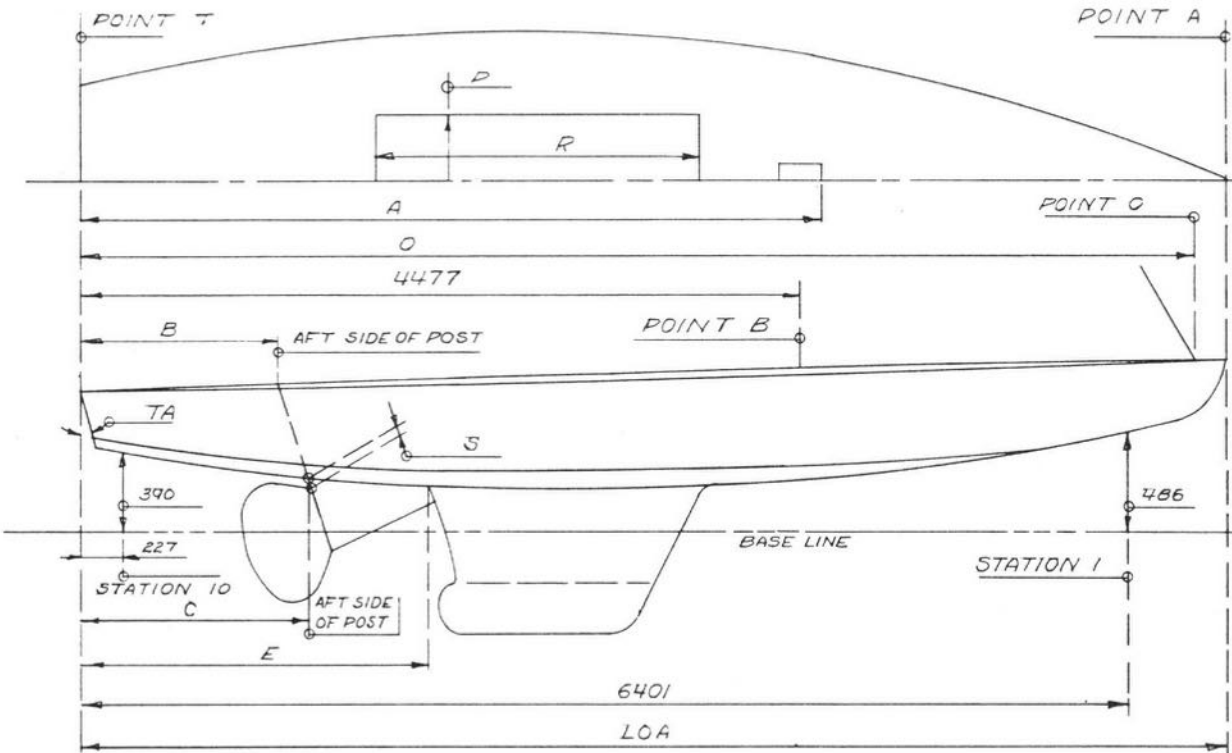
Added Weight  
Type and location of added weight

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 Andrew Menckert  
SIGNED A. Menckert  
(Builder, outfitter or owner)

COPY

MEASURER'S REMARKS:



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

7121

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.)

NONE

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

JOHN LOVETT  
Owner's Name

[Signature]  
Owner or Representative's Signature

7/15/90  
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.

BRIAN C. CRUSE, FLT CAPT  
Witness's Name and Title

Brian C Cruse  
Witness' Signature

7/15/90  
Date

REC'D JUL 25 1990



7/29/88

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



*C*

Yacht Number: 7121

Owner J. MARK BUSCH

Address 4334 PEARL ROAD 7501 RUGGERD  
CLEVELAND, OHIO 44109 PARKMAN 44129

Fleet CLE

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**  
0.0 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 E. B. Hanmer

Print name E. B. HANMER

My term expires 7/1/90

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

7121

*Q*

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

AUG 8 1988

CENTRAL OFFICE

# TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 1/15/86

Date Issued: 1/15/86

Expiration Date: 3/1/86  
(45 days after Date Issued)

I have measured Star # 7121 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.

COPY

This Temporary Measurement Certificate cannot be renewed and is subject to revocation by the Measurement Committee.

Signed By: Edwin Arnold, Certified Measurer

Print Name: Edwin Arnold

Copies: 1. Owner Bob van Wagon  
2. Central Office  
3. Measurer