

## OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## SEC. A.

1. Yacht's Number 7210  
 2. Builder Exact Boat Co., Inc., 2827 Buren Ave., Camden, New Jersey USA  
 3. Year Built 1986  
 4. Builder's Hull Number 0014  
 5. Material of Construction Fiberglass and Foam Core  
 6. Type and location of characters used to install yacht number in hull Drilled in on floor behind mast step  
 7. Yacht Name \_\_\_\_\_  
 8. Owner Exact Boat Co., Inc.  
 9. Address 2827 Buren Ave., Camden, New Jersey 08105  
 10. Fleet Western Shore  
 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 8/18/86  
 (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 Skip Lippincott

Signed Skip Lippincott Date 8/18/86  
 (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 Skip Lippincott

Signed Skip Lippincott Date 8/18/86  
 (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 ANDREW MENKART

Signed Andrew Menkart Date 2,26,86  
 (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 7210

## HULL MEASUREMENTS:

I.  
 A 4678  
 B 1188  
 C 1273  
 E 2153  
 O 6621  
 P 310  
 R 2000  
 S 3  
 TA 15°  
 L.O.A. 6919

II.  
 Chine Radius OK  
 Stem Radius OK  
 Side Flatness OK

III.  
 Rudder Template OK  
 Thickness 28  
 Post Dia. 25

IV.  
 Skeg Depth 409  
 Skeg Contour 14

V.  
 Heights Above Baseline:

| Stations   | 1          | 3          | 6          | 8          | 10         |
|------------|------------|------------|------------|------------|------------|
| Keel       | <u>486</u> | <u>244</u> | <u>102</u> | <u>191</u> | <u>390</u> |
| Chine      | <u>304</u> | <u>231</u> | <u>290</u> | <u>444</u> |            |
| Side       | <u>829</u> | <u>778</u> | <u>748</u> | <u>719</u> | <u>676</u> |
| Bottom Arc | <u>OK</u>  | <u>OK</u>  | <u>OK</u>  | <u>OK</u>  | <u>OK</u>  |

VI.  
 Half Breadths:

| Stations | 1          | 3          | 6          | 8          | Stern      |
|----------|------------|------------|------------|------------|------------|
| Deck     | <u>202</u> | <u>616</u> | <u>857</u> | <u>795</u> | <u>492</u> |
| Chine    | <u>95</u>  | <u>409</u> | <u>675</u> | <u>635</u> | <u>411</u> |

VII.  
 Buoyancy: (Builder)  
 Hull 403 m<sup>3</sup>  
 Tanks \_\_\_\_\_  
 Compartments 1.42 m<sup>3</sup>  
 Closed Cell Foam \_\_\_\_\_  
 Air Bags \_\_\_\_\_

## KEEL MEASUREMENTS:

K1 1146  
 K2 1233  
 K3 54  
 K4 1350  
 K5 25  
 K6 762  
 K7 217  
 K8 305  
 K9 823  
 K10 758  
 K11 OK  
 K12 OK  
 K13 OK  
 K14 307

## WEIGHT CERTIFICATION:

Keel less finish 875 #  
 Keel with finish 881 # 400K

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 MENKAT

Signed Andrew Menkat Date 8,18,86  
 (Builder)

Yacht weight with rigging  
1465 # 665.1K

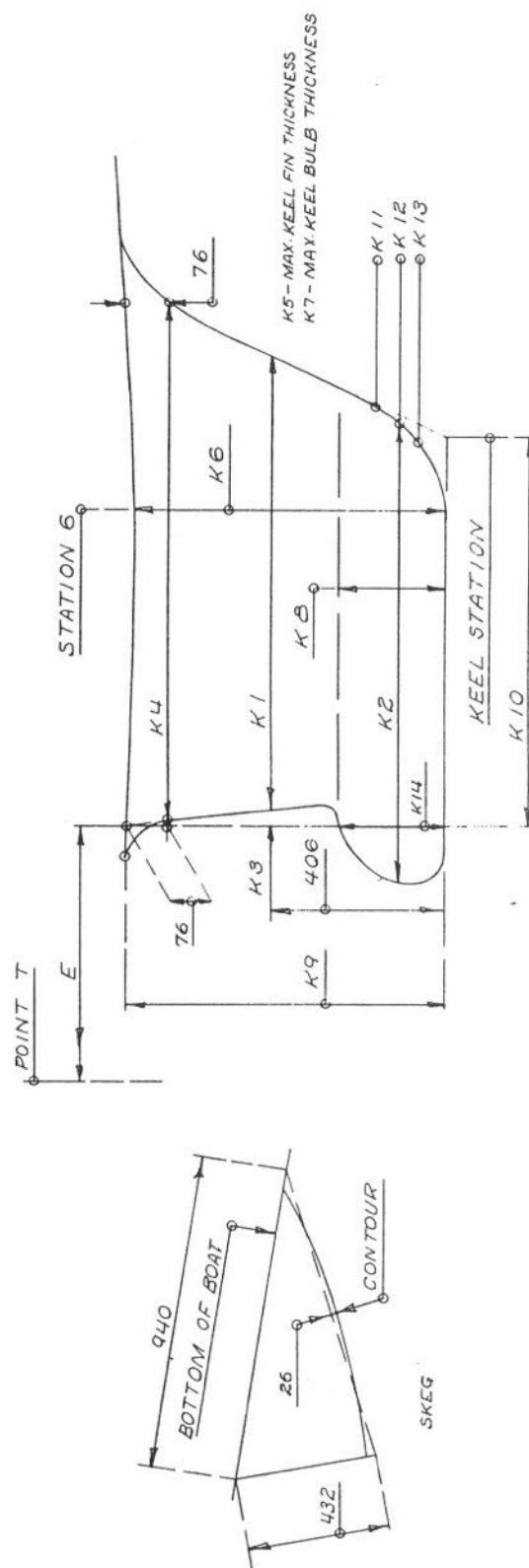
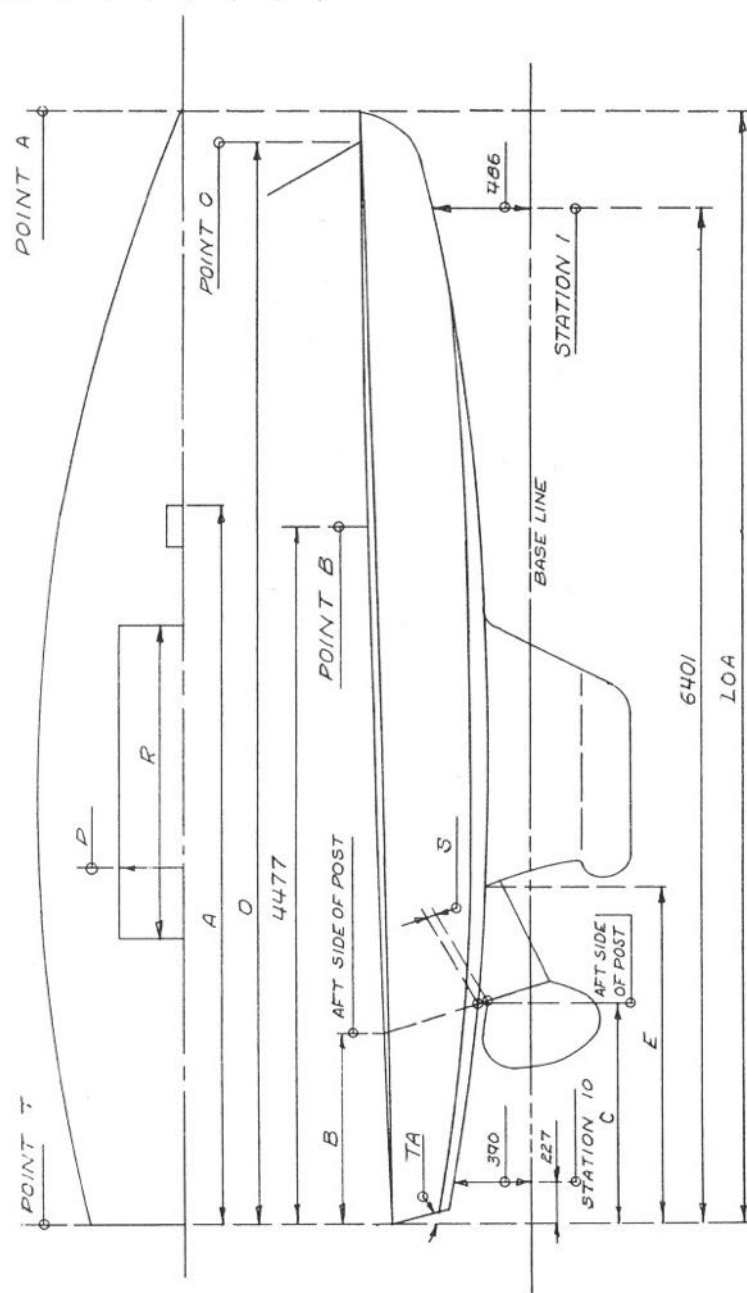
Added Weight 15 # 7K

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 ANDREW MENKAT

SIGNED Andrew Menkat  
 (Builder, outfitter or owner)



Page Four

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 11 September 1986

YACHT NUMBER

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

## Buoyancy Test Certificate

7210

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.)

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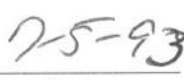
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5. I conducted a test for this yacht in accordance with the above instructions.





Owner's Name                      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.

JOHN SAFFORD      CAPE ANN            7/5/93

WITNESS'S NAME AND TITLE                      WITNESS SIGNATURE                      DATE

REET CAPTAIN

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

REC'D JUL 08 1993

YACHT NUMBER

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

7210

Reference: Specifications, Article VII

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4. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

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

John E. A. SAFFORD

Owner's Name



Owner or Representative's Signature

7/15/87

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.

Fleet Secretary  
Ida M. Chambers

Witness's Name and Title

Ida M. Chambers

Witness' Signature

7/15/87

Date

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

7210

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



Yacht Number: 7210 ✓

Owner JOHN SAFFORD

Address 7 DRUMLIN ROAD

ROCKPORT MA.

01966

Fleet CAPE ANN

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

13.60 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 David K Winkler

Print name David K. Winkler

My term expires 17 Oct. 1990

I.S.C.Y.R.A. File No: 7210 P

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

JUL 15 1988

**CENTRAL OFFICE**

## TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 8/18/86

Date Issued: 8/18/86

Expiration Date: Oct 2, 1986  
(45 days after Date Issued)

I have measured Star # 7210 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: Edwin Arnold, Certified Measurer

Print Name: Edwin Arnold

Copies: 1. Owner *Exact*  
2. Central Office  
3. Measurer

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

SEP 3 1986

CENTRAL OFFICE

7210

## OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

## SEC. A.

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2. Builder EXACT BOAT CO, INC, 2827 BUREN AVE, CAUDEN, NJ  
3. Year Built 1986  
4. Builder's Hull Number 0014  
5. Material of Construction FIBERGLASS AND FOAM CORE  
6. Type and location of characters used to install yacht number in hull  
DRILLED IN ON FLOOR BEHIND LAST STEP  
7. Yacht Name \_\_\_\_\_  
8. Owner JOHN E.A. SAPPORO 0103114  
9. Address DRUMLIN RD, ROCKPORT, MA 01966  
10. Fleet \_\_\_\_\_  
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 8/18/86  
(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 SKIP LIPPINCOTT

Signed SKIP LIPPINCOTT Date 8/18/86  
(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 SKIP LIPPINCOTT

Signed SKIP LIPPINCOTT Date 8/18/86  
(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)