

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 Joylin Crowler
(Chairman International Measurement Committee)

Date 23 APRIL 1987



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7230
2. Builder ROSA STAR AB
3. Year Built 1987
4. Builder's Hull Number _____
5. Material of Construction GRP
6. Type and location of characters used to install yacht number in hull In double bottom
7. Yacht Name _____
8. Owner Br. Sundelin Marin AB
9. Address Skogsövägen 12 13300 Saltsjöbaden Sweden
10. Fleet Sand
11. Remarks PT B 358 8-87 LW

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 Sture Olsson
Signed Sture Olsson Date 22/2-87
(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 Olle Johansson
Signed Olle Johansson Date 22/2-87
(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 7230

HULL MEASUREMENTS:

I. 4632
A 1193
B 1279
C 2139
E 6675
O 300
P 1970
R 3
S 15.7°
TA 6933
L.O.A. 6933

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

III. OK
Rudder Template OK
Thickness 29
Post Dia. 25

IV. 402
Skeg Depth 24
Skeg Contour

V. OK
Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	245	105	182	390
Chine	316	232	282	446	
Side	810	783	735	704	680
Bottom Arc	OK	OK	OK	OK	OK

VI. Half Breadths:	1	3	6	8	Stern
Stations	201	606	854	782	521
Deck	94	410	672	630	415
Chine					

VII. 347 Litre
Buoyancy: (Builder)
Hull 2770 Litre, 30 ft.
Tanks 2770 Litre, 30 ft.
Compartments 2770 Litre, 30 ft.
Closed Cell Foam 2770 Litre, 30 ft.
Air Bags 2770 Litre, 30 ft.

KEEL MEASUREMENTS:

K1 1160
K2 1220
K3 40
K4 1360
K5 25
K6 765
K7 217
K8 310
K9 801
K10 963
K11 99
K12 89
K13 67
K14 294

WEIGHT CERTIFICATION:

Keel less finish 397
Keel with finish

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 Steve Olson
Signed Steve Olson Date -
(Builder)

Yacht weight with rigging 671

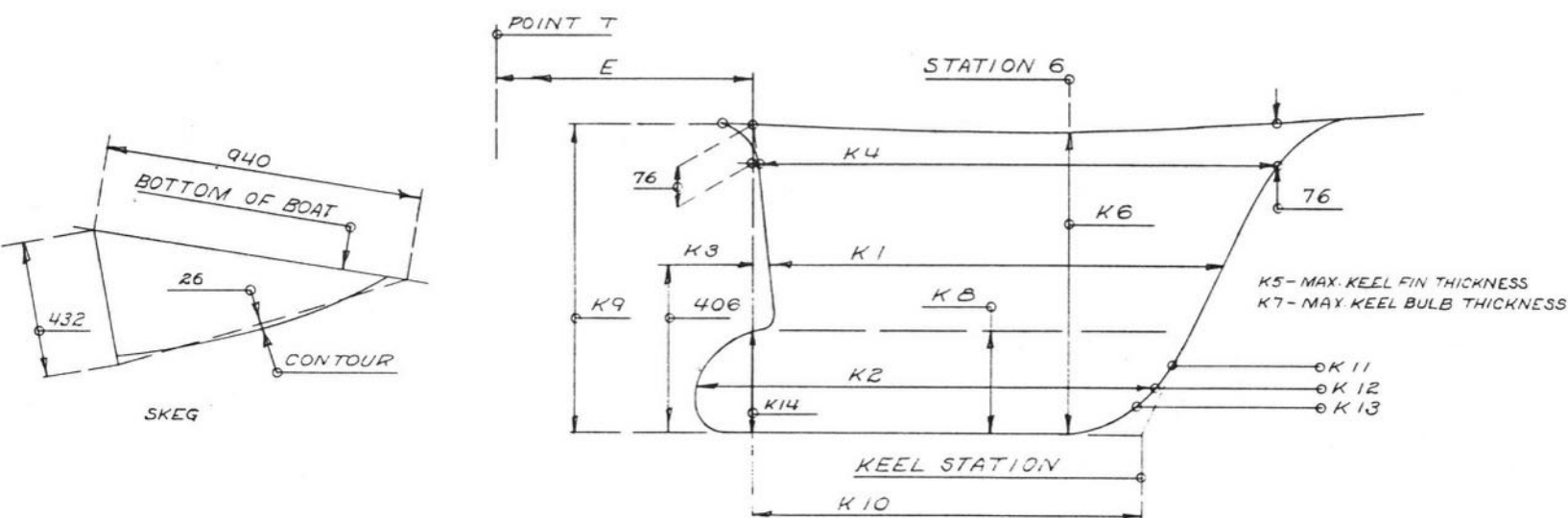
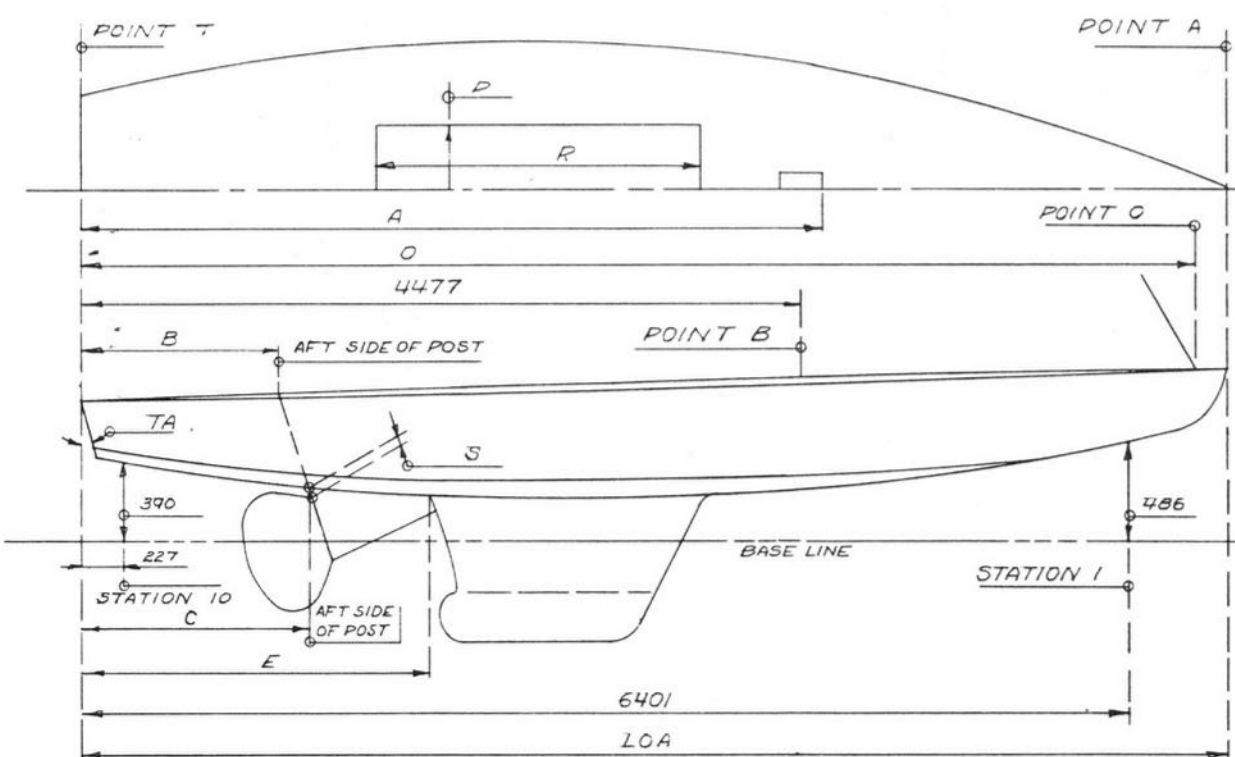
Added Weight 4
Type and location of added weight

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 Steve Olson
SIGNED Steve Olson
(Builder, outfitter or owner)

COPY

MEASURER'S REMARKS:



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

7230

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.)

3 TANKS

3 compartments

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

PETER SUNDELIN

Owner's Name

Peter Sundelin

Owner or Representative's Signature

13/5-87

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.

LEIF SYDOW SEER

Witness's Name and Title

SANDHAMN FLEET

Leif Sydow

Witness Signature

13/5-87

Date

I.S.C.Y.R.A.
ONE COPY OF THIS FORM MUST BE ON FILE IN THE CENTRAL OFFICE TO BE VALID

AUG 12 1987

CENTRAL OFFICE

7230

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



Yacht Number: 7230

Owner Peter Sundelin

Address Gräsa nsgatan 20

13300 SALTSJÖBADEN

~~SUEDE~~

SWEDEN Fleet Sand

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

6.500 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 [Signature]

Print name Jorge Curutchet

My term expires 17/1/1991

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

72307

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

FEB 18 1988

CENTRAL OFFICE

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 22/2 - 87

Date Issued: 22/2 - 87

Expiration Date: 8/4 - 87

(45 days after Date Issued)

I have measured Star # 7230 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.

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

MAR 16 1987

Signed By: Sture Olsson, Certified Measurer

Print Name: Sture Olsson

- Copies: 1. Owner
2. Central Office
3. Measurer

Br. Sundelia Marin AB
Skogsövägen 12
513300 Saltsjöbaden
Sweden

Starbåt design: Olle Johansson

International Star Class
Yacht Racing Association

1545 Waukegan Road • Glenview, Illinois 60025-2185 U.S.A.
Phone 312-729-0630 • Cable ISCYRA Glenview
Telex: 754376 STAR CLASS UD



March 22, 1987

Messrs Olsson & Johansson

Dear Friends,

There continues to be a problem with your reporting of "buoyancy contained in hull" on Form "J" (Measurement Certificate).

The rule (Spec. Art VII Flotation) requires flotation to be provided, first, as a part of the uniform lay-up of the hull, that is, in the FOAM CORE of the hull thickness, and second, as sealed compartments. The rule calls for a minimum of 340 liters of equivalent buoyancy in the lay-up, and additional space to make a total of 720 liters, in the compartments.

For reporting the buoyancy, therefore, it is necessary to measure the amount of foam material used in the hull (volume=area X thickness) and report this on the first line ("Hull") of part VII OF Form "J", then measure the volume of sealed compartments and report this on the "Compartments" line. It is also desirable to report the total (sum) of the two volumes, being sure that the volume in "Hull" is NOT LESS THAN 320 liters, and the TOTAL is NOT LESS THAN 720 liters.

I hope that I am clear in my explanation of what is needed. I feel certain that the flotation in the boats is adequate, but it is a requirement that it be reported accurately on the form!

Very best personal regards to you both: I hope we will see each other this year!

Sincerely,

Joseph Knowles
Chief Measurer

12 1230