

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 Joynt Crowl
(Chairman International Measurement Committee)

Date 22 August 1986



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7169
2. Builder ROSA STAR HB (Olle Johansson)
3. Year Built 1986
4. Builder's Hull Number _____
5. Material of Construction GRP
6. Type and location of characters used to install yacht number in hull In dubbel bottom
7. Yacht Name Pluggen
8. Owner Lars Edwall
9. Address Slätten 6C 3-41661 Göteborg
10. Fleet Kattegatt
11. Remarks No

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 6/5-86
(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 Olle Johansson
Signed Olle Johansson Date 6/5-86
(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 Sture Olsson AS ABOVE SEC 2.
Signed Sture Olsson Date 6/5-86
(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 Lars Edwall / Olle Johansson
Signed Olle Johansson Date 6/5-86
(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 Sture Olsson
Signed Sture Olsson Date 6/5-86
(Certified Star Class Measurer)

YACHT NUMBER 7169

HULL MEASUREMENTS:

I. 4630
A 1193
B 1278
C 2140
E 6674
O 300
P 1970
R 3
S 15.8°
TA 6934
L.O.A. 6934

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

III. YES
Rudder Template 29
Thickness 25
Post Dia. 24

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	810	783	735	704	680
Side	OK	OK	OK	OK	OK
Bottom Arc	OK	OK	OK	OK	OK

VI. Half Breadths:	1	3	6	8	Stern
Stations	201	606	854	782	501
Deck	94	410	672	630	415
Chine					

VII. Buoyancy: (Builder) 347 lbs
Hull 3048
Tanks 270 lbs
Compartments YES
Closed Cell Foam YES
Air Bags

KEEL MEASUREMENTS:

K1 1160
K2 1220
K3 40
K4 1360
K5 25.5
K6 765
K7 217
K8 310
K9 801
K10 963
K11 99
K12 89
K13 67
K14 294

WEIGHT CERTIFICATION:

Keel less finish 403
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 Glass
Signed Steve Glass Date -
(Builder)

Yacht weight with rigging 70796 672

Added Weight -

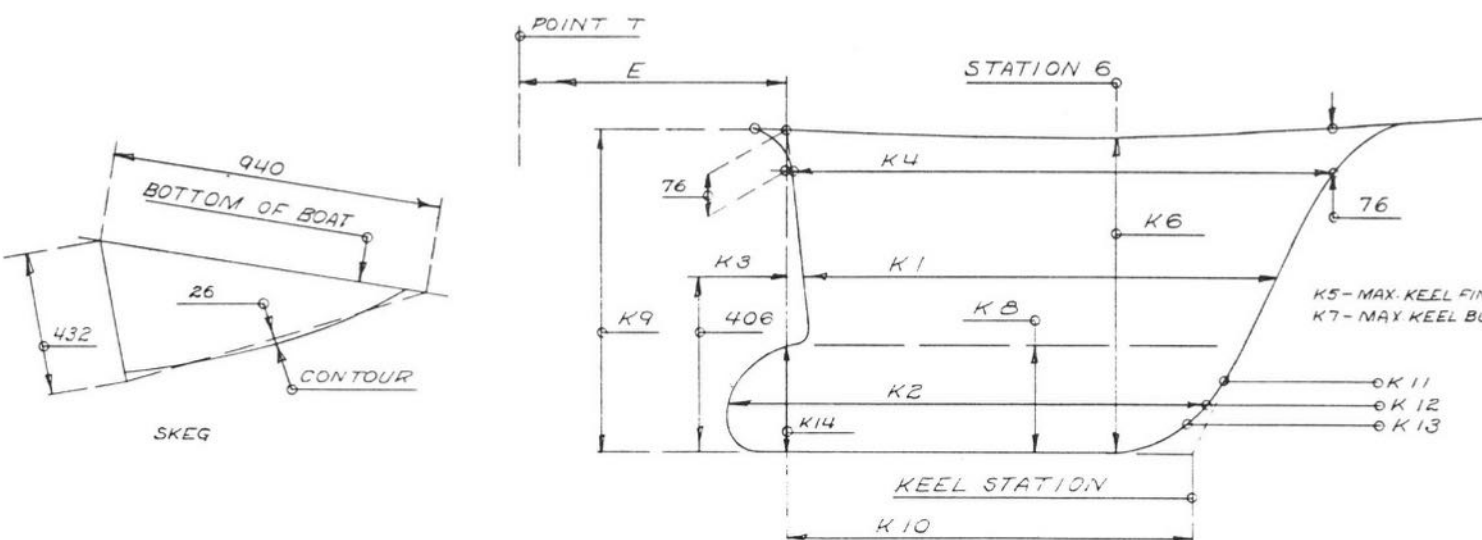
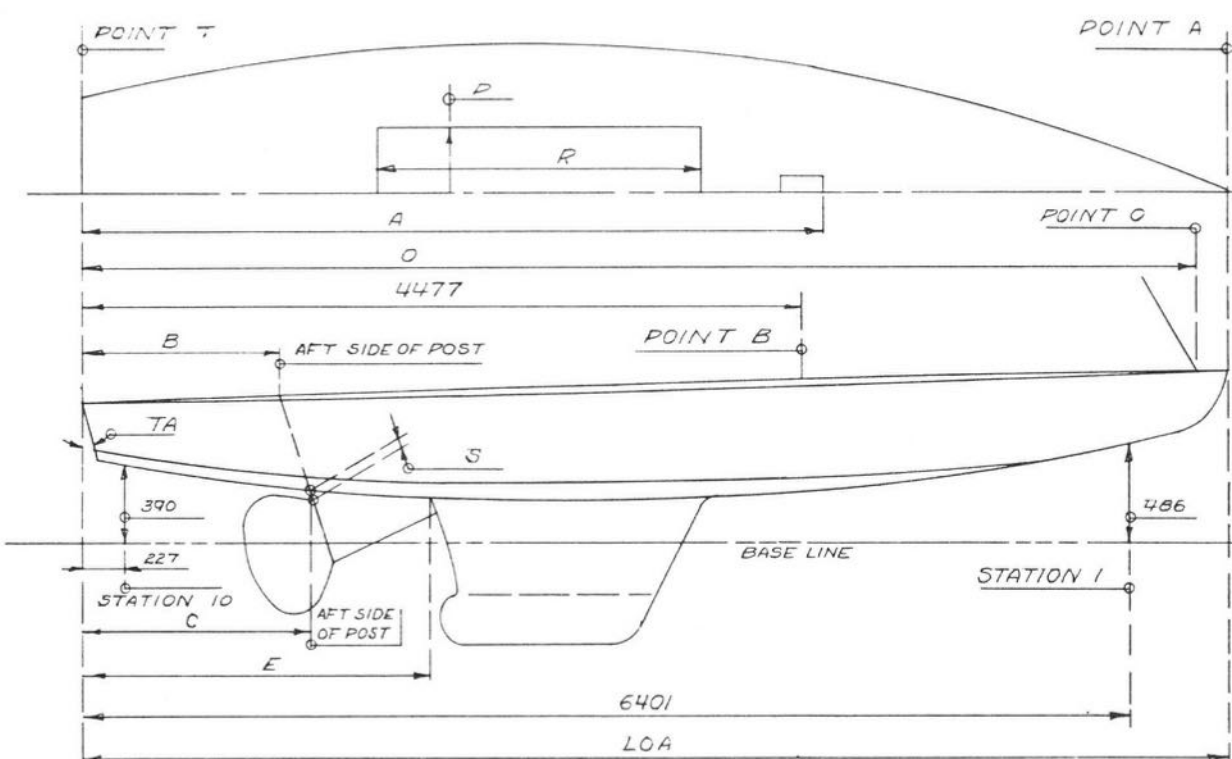
Type and location of added weight -

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

COPY

MEASURER'S REMARKS:



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

7169

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.)

Stern-tank, ca 1 m³Bow-tank ca 1.5 m³Double-bottom ca 1.5 m³

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

Lars Edvall

Owner's Name

Owner or Representative's Signature

6/5-86

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.

Sture Olsson

Witness's Name and Title

Sture Olsson

Witness' Signature

6/5-86

Date

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

10 Aug 95

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



Yacht Number: 7169

Owner LARS EDVALL

Address FISKARE SANDGÅRD VÄG 22

434 93 VALLOA

SWEDEN

Fleet KATTESÄTT

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

2,00 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 [Signature]

Print name Maximilian Hansson

My term expires _____

Date issued 26/2-97

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

7169

07-29-97

RECEIVED JUL 28 1997

ISCYRA
Att: Joseph Knowles
214 Andrews Street, Apt. 3A
Rochester, NEW YORK
U.S.A. 14604

1986-08-14

Thanks for your explanatory letter regarding the measurement certificates for 7169, 7170, 7171 and 7172.

- Total foam volume calculated in hull lay-up is 377 litres and with a density of 80 kg/m^2 this will give the total floating force of 347 kg.

- Calculated compartment volume are as follows:

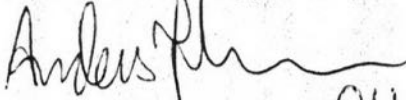
Aft	compartment:	900 litre
Forward	- " - :	850 litre
Bottom/side	- " - :	1020 litre
TOTAL		<u>2770 litre</u>

- Outfitter of the mentioned boats on item 3 are the same as builder, item 2.
- Entries on item 4 and 5 are as you mentioned not necessary in this case.

Due to the shortage of time until Starworlds, September -86, the original measurement certificates + copies are enclosed.

Kindly hope for quick handling and approval as soon as possible. In the future two originals will be sent to you.

Yours sincerely,



Anders Johansson, Ole's brother.