

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 Knowles*
(Chairman International Measurement Committee)

Date 23 JUNE 1987



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7160
2. Builder Sune Carlsson Båtvärk AB Csr 121
3. Year Built 1986
4. Builder's Hull Number 121
5. Material of Construction Sandwich
6. Type and location of characters used to install yacht number in hull overglased numbers in the middle of the boat
7. Yacht Name 7160
8. Owner Leif Carlsson
9. Address Hantverkargatan 77 S-112 38 STOCKHOLM
10. Fleet Rasta
11. Remarks Height of "Point B" above mast step 430

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 Jan Bogefors
Signed *Jan Bogefors* Date 87 04 09
(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 Leif Carlsson Sune Carlsson
Signed *Leif Carlsson* *Sune Carlsson* Date 87 04 09
(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 Leif Carlsson
Signed *Leif Carlsson* *Sune Carlsson* Date 87 04 09
(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 7160

HULL MEASUREMENTS:

I.	
A	4615
B	1185
C	1272
E	2132
O	6612
P	305
R	1990
S	5
TA	15°
L.O.A.	6924

II.	
Chine Radius	OK
Stem Radius	OK
Side Flatness	OK

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

IV.	
Skeg Depth	415
Skeg Contour	+ - 0

V. Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	248	105	195	390
Chine		318	224	302	442
Side	811	794	737	715	573
Bottom Arc		OK	OK	OK	OK

VI.					
Half Breadths:					
Stations	1	3	6	8	Stern
Deck	205	618	857	784	490
Chine	94	405	670	618	411

VII. Buoyancy: (Builder)
Hull Sandwich 620.1
Tanks 5 1.180.1
Compartments _____
Closed Cell Foam _____
Air Bags _____

KEEL MEASUREMENTS:

K1	1149
K2	1212
K3	32
K4	1351
K5	24
K6	779
K7	210
K8	306
K9	813
K10	950
K11	OK
K12	OK
K13	OK
K14	265

WEIGHT CERTIFICATION:

Keel less finish 399
Keel with finish 408

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 Leif Carlsson
Signed [Signature] Date 87 04 09
(Builder)
Yacht weight with rigging 673

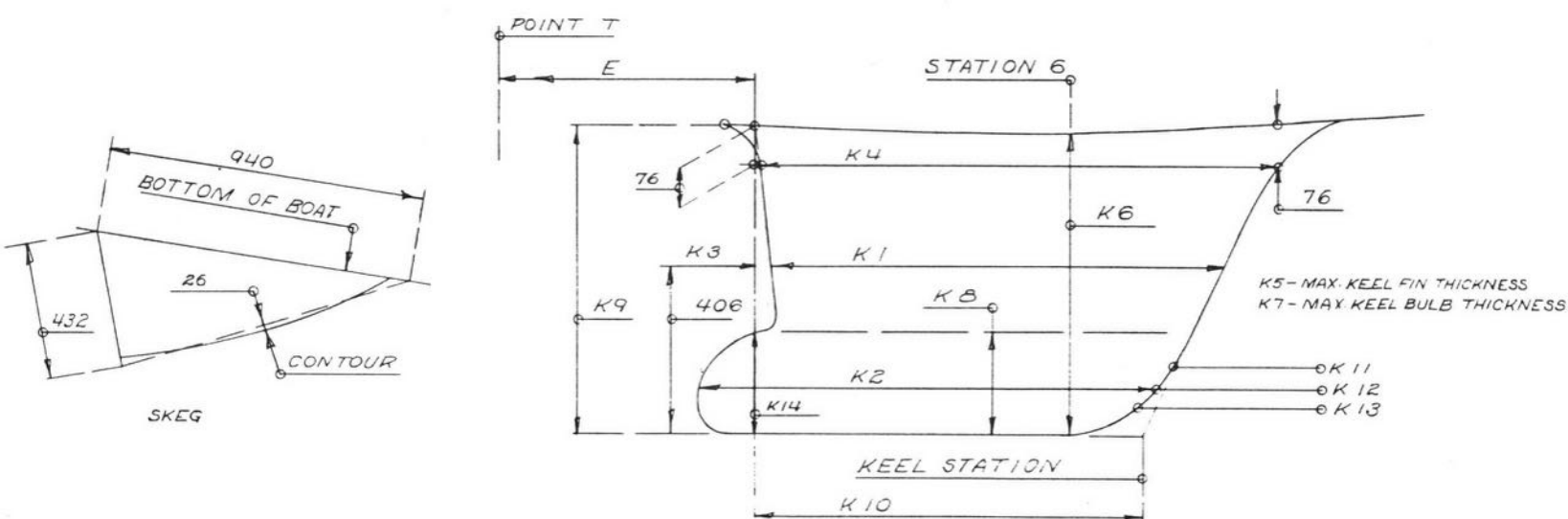
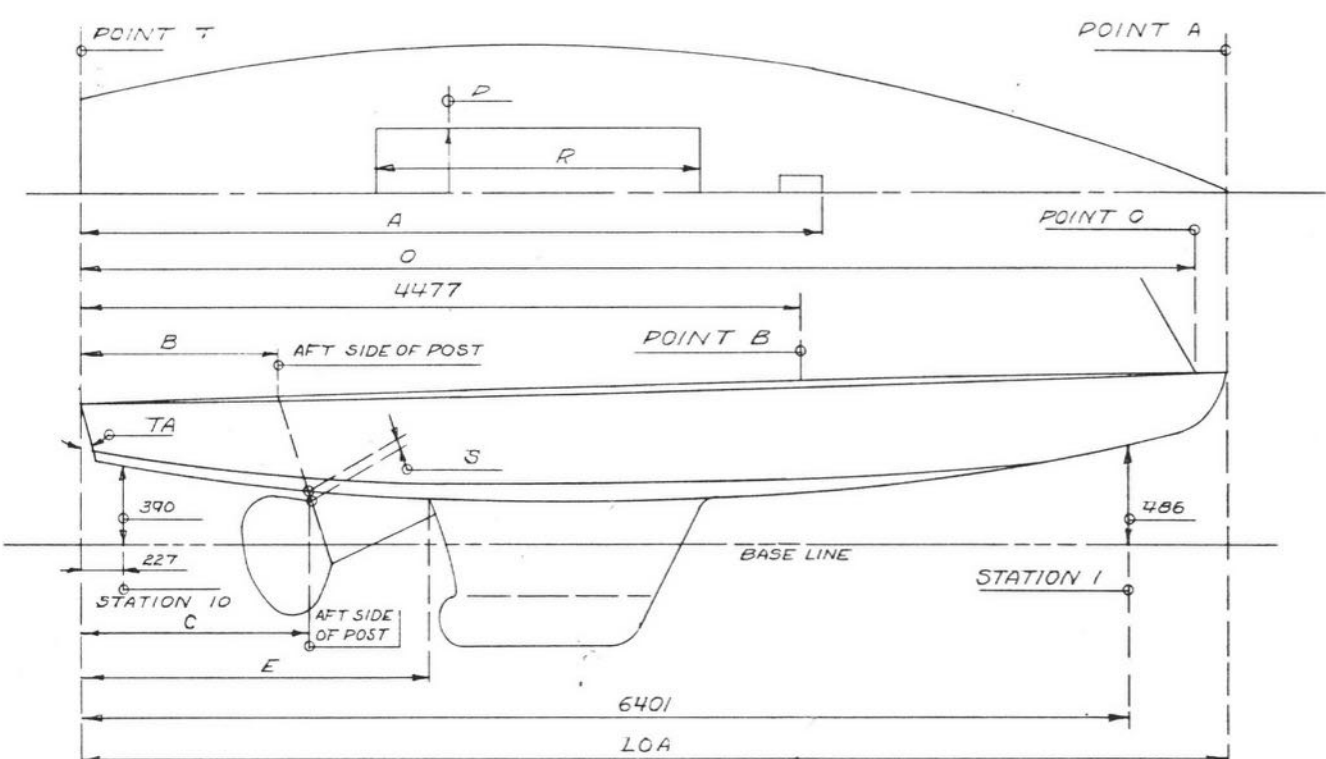
Added Weight 623
Type and location of added weight _____

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 Leif Carlsson
SIGNED [Signature]
(Builder, outfitter or owner)

COPY

MEASURER'S REMARKS:



YACHT NUMBER

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

7160

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:

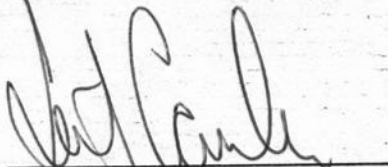
1. Each Star Class Yacht must pass the prescribed buoyancy test which must be conducted by the owner and shall be witnessed by a Fleet or Class Officer or Certified Star Measurer.
2. Yacht with crew, rig and all normal racing equipment, except sails, shall be swamped on a hoist. Boat shall remain afloat, 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.)

5 closed cells bow stern bottom
sides

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

APR 13 1987

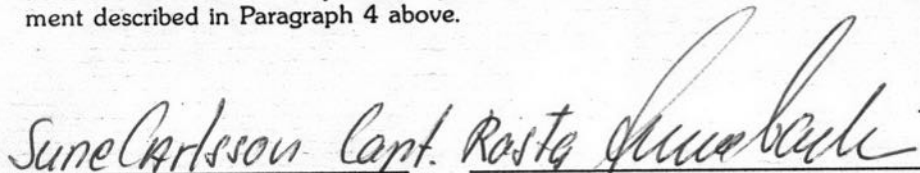
5. I conducted a test for this yacht in accordance with the above instructions.


Owner's Name

Owner or Representative's Signature

870410
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.


Witness's Name and Title

Witness' Signature

870410
Date

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

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

7160

Reference: Specifications, Article VII

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

COPY

Horn - Sides - Bow

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

Leif
Leif Carlsson
Owner's Name

Sune Carlsson
Owner or Representative's Signature

10/7 1986
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.

Capt
Sune Carlsson Rastg
Witness's Name and Title

Sune Carlsson
Witness' Signature

10/7 1986
Date

JOSEPH KNOWLES
ISCYRA ★ STAR CLASS YACHT MEASURER ★ IYRU

Re: Yacht # 7160 :

- 1) Please record actual maximum rudder "thickness" (max. ≤ 29 mm.)
- 2) 'Side Height above baseline', Stn 10, max. ≤ 673 mm
- 3) 'Keel with finish' max. weight ≤ 408.5 kg
- 4) Please fill out 2 copies of "Form J" instead of one original and one photocopy. (One original is sent to owner by Central Office; one original is retained in file.)
- 5) Please record Height of "Point B" above mast step on "Remarks" line on Page One of "Form J."

(If you need more copies of "Form J," please request them from ISCYRA office.)

Thank you & best regards,

Joseph Knowles
Chief Measurer

Re: 7160
H 5-1-87
Bryford

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: April 9, 1987

Date Issued: April 9, 1987

Expiration Date: May 24, 1987
(45 days after Date Issued)

I have measured Star # 7160 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: , Certified Measurer

Print Name: Jan Bogefors

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

Lief Carlsson

7160

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 860710

Date Issued: 860728

Expiration Date: 860910

(45 days after Date Issued)

I have measured Star # 7160 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: [Signature], Certified Measurer

Print Name: Jan B. [Signature]

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