

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

- Yacht's Number 6 6 3 0
- Number Molded Or Cut Into Keelson? Molded
- Yacht Name B L U E B E R R Y
- Year Built 1980
- Builder Håkan Bernittsson, Sweden
- Owner Lars Engelbert
- Address Karlavägen 83 , 11459 Stockholm, Sweden
- Fleet ST FLEET
- Remarks No

Sec.B. Declarations

1. To Be Signed By Builder:

I Certify that this yacht has been constructed in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print Name HÅKAN BERNITSSON
Signed Håkan Bernittsson Date 9/8 1980

2. To Be Signed By Outfitter: (If Other Than Builder)

I Certify that this yacht is, to the best of my knowledge, fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print Name _____
Signed _____ Date _____

3. To Be Signed By Certified Star Class Measurer:

I Certify that I have measured the following items on this yacht, that the particulars on this form are correct, and that to the best of my knowledge this yacht complies with the rules of the I.S.C.Y.R.A. at present in force, unless noted in a letter, attached.

Items 1-8 Hull, Rudder, Skeg, Keel

Print Name Åke Ludwigs
Signed: Åke Ludwigs Date 12/05/80

Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)

Print Name Åke Ludwigs
Signed: Åke Ludwigs Date 12/05/80

4. To Be Signed By Owner When Yacht Is Either Sold Or Structurally Altered.

I Certify that no alterations have been made to this yacht since original date of measurement, unless a rider describing measurements is attached.

Signed _____ Date _____

Sold To: _____ Of _____

Return This Certificate For Renewal - See Sec D.3.

PRINTED IN U.S.A.

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Sec. C.

Instructions To Measurers

- 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 as to how to measure will be sent to him by the International Measuring Committee after his appointment.
- This Form must be made out by the Certified Measurer IN DUPLICATE. He must answer all questions in Sect. A, and fill in all dimensions, and file both copies with International Measurement Committee. In the case when all dimensions are not available, file one copy with I.M.C. and forward one copy to owner who becomes responsible for obtaining completion of measurements.
- Declarations must be signed by the builders and/or outfitters as well as the measurers.
- Certified Measurers are entitled to a reasonable fee for measuring, but the Association is not responsible for its payment, and Certified Measurers are advised to collect their fee before filing this Form.
- A Certified Measurer cannot measure a yacht in which he owns an interest except under duly appointed and authorized supervision.

Sec. D.

Conditions Under Which Certificate Is Issued

- 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 automatically revoked if any structural alterations are made or if not properly endorsed over to a new owner by former owner, or may be revoked at any time by order of the International Measurement Committee or the International Governing Committee of the International Star Class Yacht Racing Association.
 - This Certificate shall be binding upon all members, Star Fleets, Clubs, or organizations conducting races for the Star Class as such. 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, or unless the protesting party has submitted evidence to show there are reasonable grounds to suspect subsequent alterations or other justifiable causes. See By-Laws, Article VI.
 - This Certificate should be renewed when yacht is altered or sold. For renewal, send this Certificate and \$5.00 to International Measurement Committee, with notation as to any changes in Section A, or Section E.
- #### 4. Warning

Spars, position of keel, or anything else that is not an integral part of the hull, can easily be changed and should not be depended upon. These, as reported on original certificate, serve also as a protection to the purchaser of a new boat, but are subject to remeasurement as noted above.

NOTE-This space is reserved for International Measurement Committee use.

Inspected &
Approved

Inspection Stamp

For This Space

I. S. C. ★ Y. R. A.

EX C' T I F E OFFICE

The International Measurement Committee, having examined all facts and figures certified to herein, finds that the yacht herein described conforms with the plans and specifications of the Star Class within the limitations of the measuring rules, and therefore, grants this Certificate to the said yacht subject to the conditions above set forth for so long as the owner or owners of the said yacht are members of the International Star Class Yacht Racing Association.

Signed William V. Richard
Chairman International Measurement Committee.

Date 80: 06: 08

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	362	254	181	125	106	137	203	295	390
CHINE			315			232		304		442
SIDE	808		784			745		716		673
BOT.ARC			ok			ok		ok		ok

*MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	198	601	851	781	502
CHINE	94	405	670	616	413

4 RUDDER FITS TEMPLATE? Yes

THICKNESS 27 POST DIA 25

5 SKEG DEPTH 420
" LENGTH 860
" CONTOUR 10

6 KEEL DIMENSIONS

K1	1151	K 10	955
K2	1233	K 11	84
K3	32	K 12	83
K4	1349	K 13	69
K5	23		
K6	762		
K7	207		
K8	301		
K9	800		

7 WEIGHTS*

KEEL (WITH FINISH) 398 Kg
HULL (AS MOLDED) 195 Kg

8 BUOYANCY

CONTAINED IN HULL 0,44 M³
ADDITIONAL 0,78 M³
☐ TANKS
☒ COMPARTMENTS
☐ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

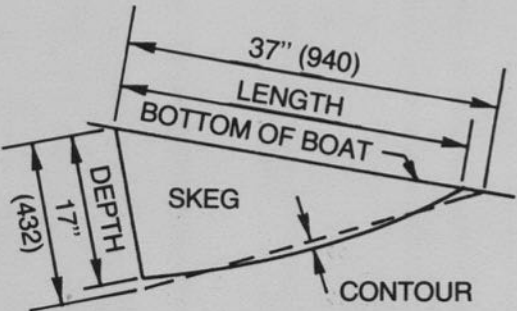
YACHT NO.	6 6 3 0
WOOD OR G.R.P.	G.R.P.
L.O.A.	6940
DIMENSION "A"	2310
" "B"	1163
" "C"	1272
" "E"	2120
" "P"	305
" "R"	2056
" "S"	5
" "T"	15 ⁰

CHINE RADIUS OK? Yes
STEM RADIUS OK? Yes
SIDE FLATNESS OK? Yes

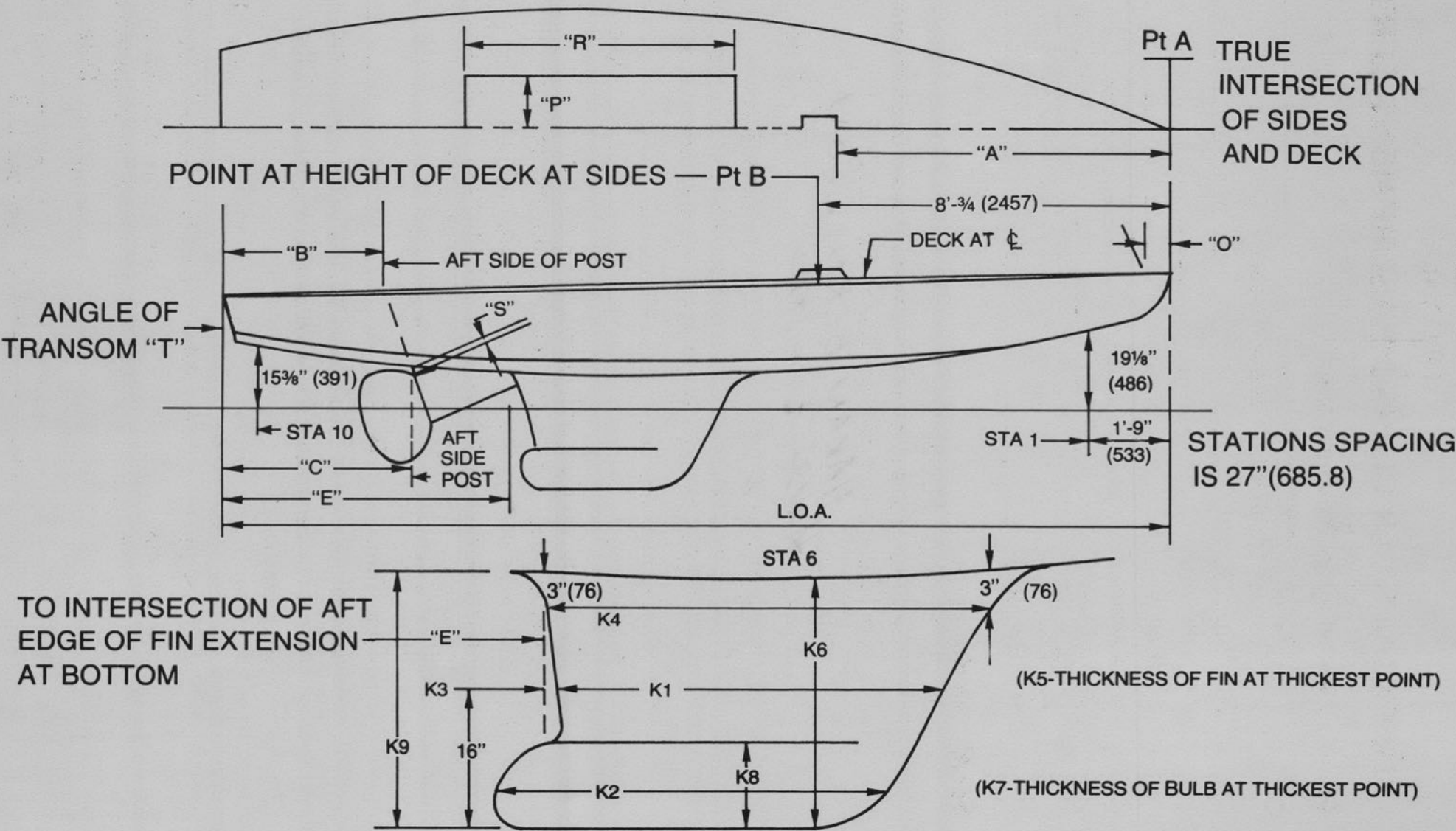
9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND	9651
Pt B TO JIB STAY	6925
BOOM LNG	4444
MAST TIP WT.	7,1 Kg
DIMENSION "O"	227
YACHT WEIGHT	674 Kg
ADDED WEIGHT	----
TOTAL WEIGHT	674 Kg

COPY



*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? Yes



6630

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

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 Certificate. **Witness sends blue copy to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 U.S.A.; owner shall retain white copy.**
4. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

*Forward and aft bulkhead compartments
 Cockpit floor side tanks*

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

Leif Caspersen
 Owner's Name

[Signature]
 Owner or Representative's Signature

4/7-1994
 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.

Lars Lantz
 Witness's Name and Title

[Signature]
 Witness' Signature

4/7-1994
 Date

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

White: Owner

Blue: Central Office

REC'D OCT 23 1995

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 6630
2. Builder HAKAN BERNTSSON
3. Year Built 1980
4. Builder's Hull Number _____
5. Material of Construction G.R.P.
6. Type and location of characters used to install yacht number in hull MOLDED
7. Yacht Name _____
8. Owner LEIF CASPERSSON
9. Address FURUHALL 6652, 44074 HJALTEBY SWEDEN
10. Fleet KATTEGATT (KAT)
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 AKE LUDWIGS

Signed AKE LUDWIGS Date 12.5.80
(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 HAKAN BERNTSSON

Signed HAKAN BERNTSSON Date 9.5.1980
(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)

5-July-94

I.S.C. ★ Y.R.A.

Buoyancy Test Certificate

APR 8 1981

For Owner of Yacht No. 6630 CENTRAL OFFICE
 Owner's Name LARS P.H. ENGELBERT
 Date Yacht Acquired 80 05 06
 Former Owner NEW

1. Each owner must obtain a Buoyancy Test Certificate upon acquiring a new or used yacht by conducting a Buoyancy Test. Prior owner's Certificate is not transferable.
2. Test must be conducted by owner or his representative and shall be witnessed by a Fleet or Class Officer, or Certified Star Measurer.
3. Yacht with rig and all normal racing equipment except sails shall be swamped on a hoist. Boat shall remain afloat, with slack hoist and mooring lines, for 10 minutes.
4. Complete Certificate in duplicate. Witness sends one copy to I.S.C.Y.R.A., owner shall retain other copy.
5. Describe additional flotation equipment, other than hull structure.
 (Mention type, size, location, etc.)
THE BOAT WAS EMPTY

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

LARS P.H. ENGELBERT

Owner's Name

Owner'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 5 above.

Gösta Hamberg Sekr (ST)

Witness' Name and Title

Gösta Hamberg

Witness' Signature

80 05 07

Date

YACHT NUMBER

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

6630

Reference: Specifications, Article VII

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THIS CERTIFICATE IS NOT TRANSFERABLE TO ANOTHER OWNER

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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.)

separate bulkhead compartment fwd & aft
" floor tanks on both sides

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

Leif Carpersen
Owner's Name

[Signature]
Owner or Representative's Signature

4/8-94
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.

Lars Lantz
Witness's Name and Title

[Signature]
Witness' Signature

4/8-94
Date

22 Aug 94

REC'D AUG 22 1994

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

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No. <u>1</u>
	Yacht No. <u>6630</u>
B	Hull Less Skeg _____
	Hull with Skeg <u>195 kg</u>
C	Keel Less Finish <u>398 kg</u>
	Keel with Finish _____

I certify that the hull and keel weights shown were measured on a balance scale, or spring scale, or an electric load cell, (underline one) which has been calibrated within the last year to $\frac{1}{2}$ of 1%.

Builder must fill in at least one item in each of A, B, and C, and sign

Date 8/5-80

Signed H. Bengtsson

D	Yacht Weight with Rig <u>674</u>
	Added Weight _____
	(Describe type and location)

I certify that the yacht weight shown is measured on a balance scale, or spring scale, or an electric load cell (underline one) which has been calibrated within the last year to $\frac{1}{2}$ of 1%. Builder, Outfitter or Owner must sign

Date 8/5-80

Signed H. Bengtsson