

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 7019
2. Number Molded Or Cut Into Keelson? 7019
3. Yacht Name ROSA
4. Year Built 1984
5. Builder OLLE JOHANSSON / DAG HANSSON
6. Owner OLLE JOHANSSON / DAG HANSSON
7. Address ASCHEBERG 5. G. 17 5-41127 GÖTEBORG
8. Fleet VINGA
9. Remarks N.O

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 OLLE JOHANSSON
Signed Olle Joh Date 840311

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 STURE OLSSON
Signed Sture Olsson Date 840310

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 STURE OLSSON
Signed: Sture Olsson Date 840310

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

Print Name _____
Signed: _____ Date _____

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.

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. C.

Instructions 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 as to how to measure will be sent to him by the International Measuring Committee after his appointment.
2. 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.
3. Declarations must be signed by the builders and/or outfitters as well as the measurers.
4. 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.
5. A Certified Measurer cannot measure a yacht in which he owns an interest except under duly appointed and authorized supervision.

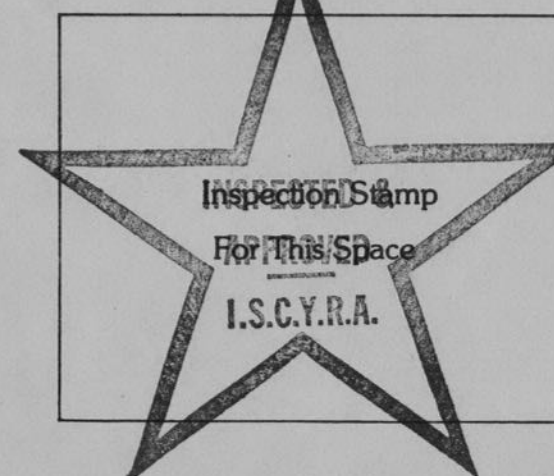
Sec. D.

Conditions Under Which Certificate Is Issued

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 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.
 2. 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.
 3. This Certificate should be renewed when yacht is altered or sold. For renewal, send this Certificate and \$10.00 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.



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 W. W. Wright
Chairman International Measurement Committee.

Date 3-26-84

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	355	243	168	120	106	120	180	277	390
CHINE			316			232		282		446
SIDE	810		783			735		704		680
BOT.ARC			OK			OK		OK		OK

*MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	201	606	854	782	501
CHINE	94	410	672	630	415

4 RUDDER FITS TEMPLATE? YESTHICKNESS 28 POST DIA 255 SKEG DEPTH 410" LENGTH 840" CONTOUR 24

6 KEEL DIMENSIONS

K1	<u>1155</u>	K10	<u>946</u>
K2	<u>1214</u>	K11	<u>98</u>
K3	<u>39</u>	K12	<u>88</u>
K4	<u>1351</u>	K13	<u>67</u>
K5	<u>24</u>	K14	<u>294</u>
K6	<u>762</u>		
K7	<u>209</u>		
K8	<u>306</u>		
K9	<u>800</u>		

7 WEIGHTS*

KEEL (WITH FINISH) _____

403

HULL (AS MOLDED) _____

8 BUOYANCY

CONTAINED IN HULL YESADDITIONAL YES☒ TANKS☐ COMPARTMENTS☒ CLOSED CELL FOAM
(CONTICELL)

STERN TANK

0.6 m³

BOW TANK

0.5 m³

SIDE TANK

WITH D.B.

1.0 m³

I.S.C. ☆ Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

YACHT NO. 7019WOOD OR G.R.P. GRPL.O.A. 6920DIMENSION "A" 4678" "B" 1194" "C" 1273" "E" 2134" "P" 306" "R" 2052" "S" 3" "T" 15.5°CHINE RADIUS OK? OKSTEM RADIUS OK? OKSIDE FLATNESS OK? OK

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND _____

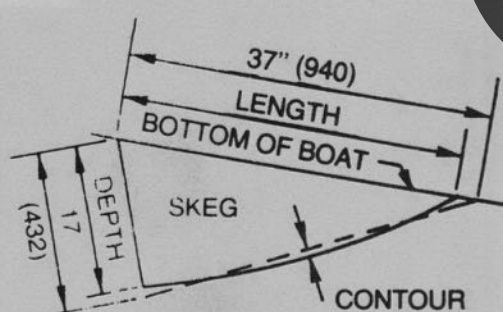
9652Pt B TO JIB STAY 6925BOOM LNG 4445MAST TIP WT. 7.5DIMENSION "O" 6666 (254)

YACHT WEIGHT _____

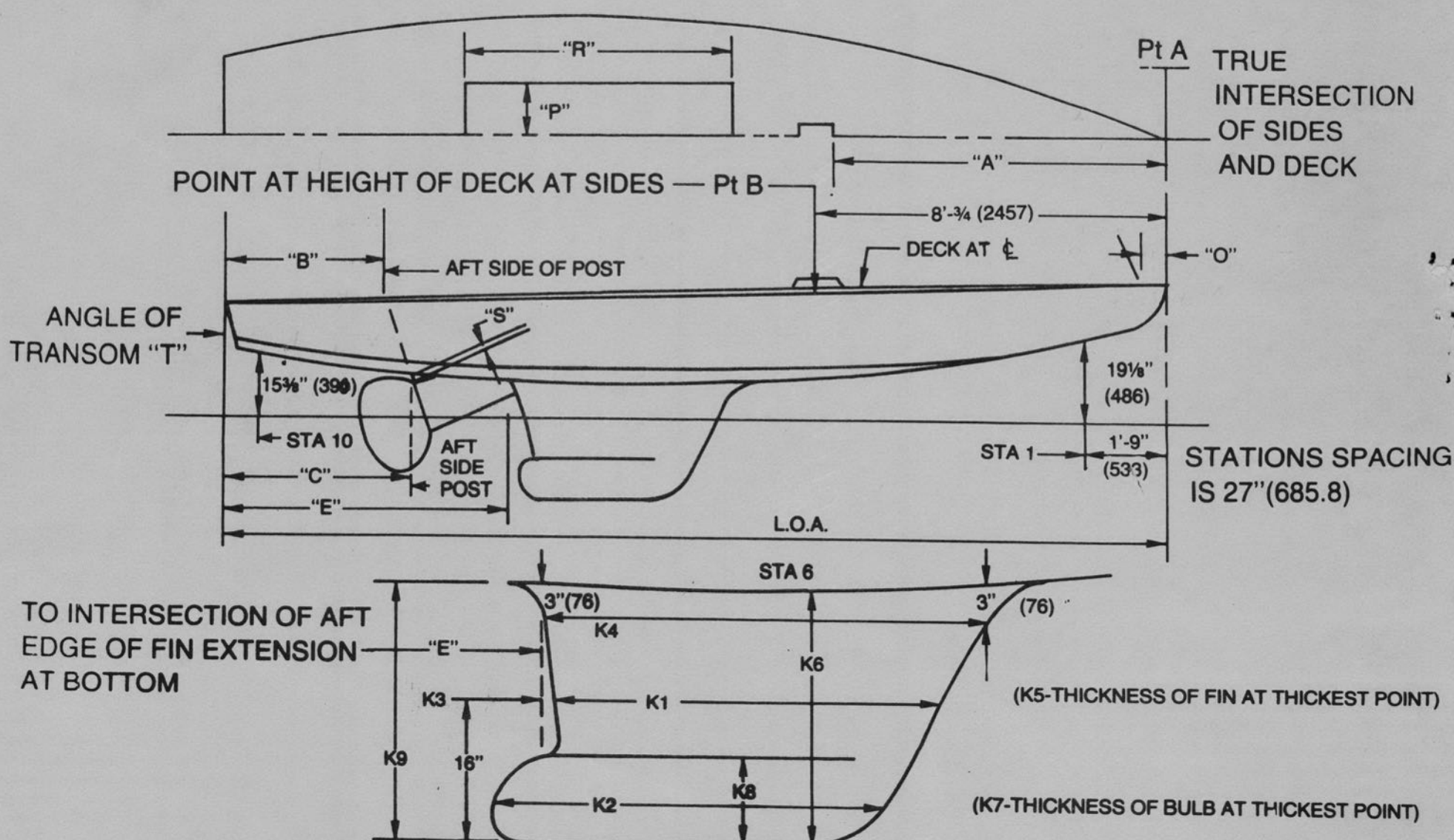
ADDED WEIGHT _____

TOTAL WEIGHT 672

COPY



*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? _____



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

7019

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.)

COPY

7019

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

EBEHARD JOLLY
Owner's Name

[Signature] ^{18 Jul 89}
Owner or Representative's Signature

July 8, 1989
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.

G.-O. Tötterman, F.Sec.
Witness's Name and Title

[Signature]
Witness' Signature

July 8, 1989
Date

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

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



Yacht Number SWE 7019

Owner Olle Johansson

Address Ängelholm 6

428 76 V. Frolunda

Sweden

Fleet Katlagift

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

5.00 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.

Date of Issue 1 AUGUST 2009

Certified Weighmaster:

Signature [Signature]

Print name JOHN KOOPMAN

My term expires _____

White: Owner
Yellow: Central Office
Pink: Weighmaster/Measurer

YACHT NUMBER

7019

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



Buoyancy Test Certificate

THIS CERTIFICATE IS GRANTED FOR THIS YACHT
UNDER THE PROVISIONS OF
I.S.C.Y.R.A. SPECIFICATION 7. FLOTATION

INSTRUCTIONS:

1. Each Star Class Yacht shall comply with the provisions of Specification 7.
2. If Buoyancy Certification of this yacht includes testing, the test shall be conducted according to Specification 7.
3. Send a copy of completed Certificate by mail to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; or by fax to +1 847 729 0718. Owner shall retain a copy.
4. If flotation provisions for this yacht include buoyancy other than that provided by the structure of the hull, describe these provisions.

COPY

I CERTIFY THAT THIS YACHT COMPLIES WITH I.S.C.Y.R.A. SPECIFICATION 7.

Olle Johansson

Builder or Owner
(Print or type name.)

Olle Johansson

Builder or Owner's Signature
(Sign name.)

05-05-00

Date
(Month / Day / Year)

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

Copy 1: Owner

Copy 2: Central Office

(buoyancy test certificate REV.4/99)

DCO ENTERED MAY 17 2000

RECEIVED MAY 05 2000

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Duplicate Issued
85-98 DD

YACHT NUMBER 7019

Builder Olle Johansson / Dag Hansson

Year Built 1984

Builder's Hull Number --

Construction Material GRP

Type and location of yacht number in hull cut into keelson

Yacht Name _____

Fleet Finland

Owner Timo Tavio

Address Lupajantie 32, 25500 Perniö, Finland

Remarks _____

DECLARATIONS:

1. I certify that I have measured the items listed on this certificate for the above yacht and entered the data, the information is correct and the yacht complies with ISCYRA rules and the keel conforms to an approved builder's keel plan.

Print name Sture Olsson

Signed Sture Olsson Date 10 March 1984
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the ISCYRA and that the keel conforms to an approved keel plan and approved lay up schedule.

Print name Olle Johansson

Signed Olle Johansson Date 11 March 1984
(Builder)

3. **TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT**
I certify that I have measured the above yacht in any areas affected by the following changes:

_____ and find it to be in accordance with the current plans and specifications of the ISCYRA.

Print name _____

Signed _____ Date _____
(Certified Star Class Measurer)

4. **TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES**
I certify that no alterations have been made on this yacht that would affect the measurements or conformity with the plans and specifications.

Print name _____

Signed _____ Date _____
(Owner)

MEASUREMENTS:**HULL MEASUREMENTS:**

A 4678
 B 1194
 C 1273
 E 2134
 O 6666
 P 306
 R 2052
 Transom Angle 15.5°
 L.O.A. 6920
 Height of Point "B" --
 Chine Radius ok
 Stem Radius ok
 Side Flatness ok
 Rudder Template ok
 Rudder Thickness 28
 Rudder Post Diameter 25
 Skeg Depth 410
 Skeg Contour 24
 Tiller Material --

Last fully measured hull from this mold # --
 on --, 19--.

This is hull number -- since that measurement.

KEEL MEASUREMENTS:

K1 1155
 K2 1214
 K3 39
 K4 1351
 K5 24
 K6 762
 K7 209
 K8 306
 K9 800
 K10 946
 K11 98
 K12 88
 K13 67
 K14 294

KEEL CERTIFICATION:

Keel weight 403 w/finish

I certify that the weight shown was taken on
 a scale that has been calibrated within the
 last year to an accuracy of .5% of reading,
 and that this keel conforms to the builders
 approved keel plan, dated --,
 19-- on file at ISCYRA.

(Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

Station	1	2	3	4	5	6	7	8	9	10
Keel	486	355	243	168	120	106	120	180	277	390
Chine	X	X	316	X	X	232	X	282	X	446
Side	810	X	783	X	X	735	X	704	X	680
Bottom Arc	X	X	ok	X	X	ok	X	ok	X	ok

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	201	606	854	782	501
Chine	94	410	672	630	415

BUOYANCY:

Contained in Hull Lay-up yes

Airtight Compartments

Other - Tanks 2.1 cbm

7019

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 1984-03-10, 11.

Date Issued: 1984-03-11

Expiration Date: 1984-05-13
(45 days after Date Issued)

I have measured Star # 7019 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: Sture Olsson, Certified Measurer

Print Name: STURE OLSSON

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

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Yacht No	7019
B	Hull less Skeg	Kg 191.0
	Hull with Skeg	

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 with in the last year to 1/2 of 1 %.

Builder must fill in at least one item in each of A or B and sign.

Date 840310 Signed Olle Joh

C	Yacht weight with Rig	Kg 672
	Added Weight	

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 1/2 of 1 %. Builder, Out-fitter or Owner must sign.

Date 840310 Signed Sture Olsson
Sture Olsson