

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6647
2. Number Molded Or Cut Into Keelson? Yes
3. Yacht Name "TOMTE"
4. Year Built 1981
5. Builder Josef Steinmaier CH- 8706 Meilen / ZH Switzerland
6. Owner Christian Breitenstein
7. Address Seemattstrasse CH- 6330 Cham Switzerland
8. Fleet Zug
9. Remarks YC Zug

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 Josef STEINMAYER, CH-8706 MEILEN/ZH

Signed Steinmayer Date 28. Febr. 1981

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 Josef STEINMAYER, CH-8706 MEILEN/ZH

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 **ALBERT FISCHER**

Print Name Albert Fischer **Certified Measurer I.S.C.Y.R.A.**
CH-8600 DÜBENDORF, Neuhausstr. 41

Signed Albert Fischer Date 28. Febr. 1981

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

Print Name Albert Fischer CH - 8600 Dübendorf

Signed Albert Fischer Date 18. März 1981

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

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 \$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.



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. Richards
Chairman International Measurement Committee.

Date

81-04-04

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	354	243	165	117	105	127	190	280	390
CHINE			309			232		292		455
SIDE	824		794			750		713		688
BOT.ARC			OK			OK		OK		OK

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	610	852	782	492
CHINE	95	410	673	628	409

4 RUDDER FITS TEMPLATE? yes

THICKNESS 28 POST DIA 25

5 SKEG DEPTH 417
" LENGTH 930
" CONTOUR 15

6 KEEL DIMENSIONS

K1 <u>1168</u>	K10 <u>950</u>
K2 <u>1235</u>	K11 <u>99</u>
K3 <u>32</u>	K12 <u>93</u>
K4 <u>1368</u>	K13 <u>67</u>
K5 <u>25</u>	K14 <u>318</u>
K6 <u>768</u>	
K7 <u>218</u>	
K8 <u>310</u>	
K9 <u>800</u>	

7 WEIGHTS*

KEEL (WITH FINISH) _____
400 kg
HULL (AS MOLDED) _____
193 kg

8 BUOYANCY

CONTAINED IN HULL 0.35
ADDITIONAL 1,460 m³

- ☒ TANKS
☒ COMPARTMENTS
☐ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

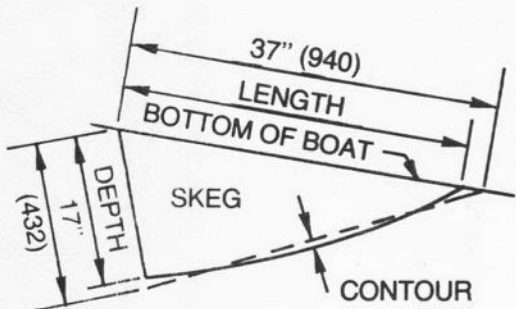
YACHT NO. 6647
WOOD OR G.R.P. G.R.P.
L.O.A. 6934
DIMENSION "A" 2360
" "B" 1185
" "C" 1320
" "E" 2125
" "P" 305
" "R" 1965
" "S" 8
" "T" 15°

CHINE RADIUS OK? yes
STEM RADIUS OK? yes
SIDE FLATNESS OK? yes

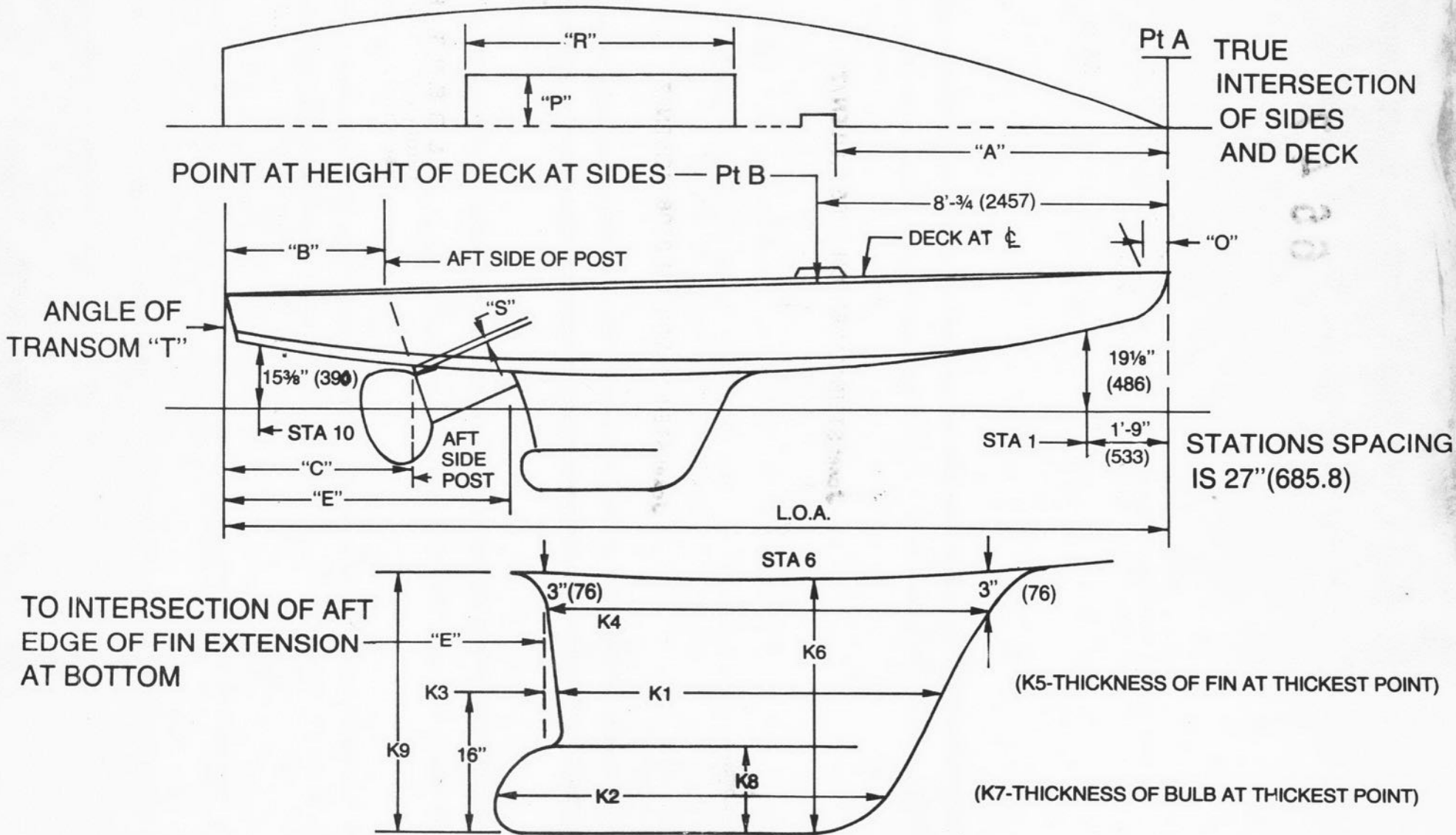
9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9650
Pt B TO JIB STAY 6930
BOOM LNG 4442
MAST TIP WT. 7.05 kg
DIMENSION "O" 240
YACHT WEIGHT 667 kg
ADDED WEIGHT 6 kg
TOTAL WEIGHT 673 kg

COPY



* IS ISCYRA WEIGHT CERTIFICATE ATTACHED? yes



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

6647

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.)
aproximately 1800 liters divided in six different bulkheads.
One bulkhead in front of the mast, two bulkheads from the mastbulkhead back to the backstay, one bulkhead right at the cockpitend and double-bottom on each side.
5. I conducted a test for this yacht in accordance with the above instructions.

RAINER MATTHIAS KLOSTERMANN

Owner's Name

Rainer Klostermann

Owner or Representative's Signature

5.3.1986

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.

B. Godmann Secretary

Witness's Name and Title

J. P. P. P.

Witness' Signature

17/3/86

Date

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>44</u> Yacht No. <u>66 47</u>
B	Hull Less Skeg <u> </u> Hull with Skeg <u>194 kg</u>
C	Keel Less Finish <u>395 kg</u> Keel with Finish <u>400 kg</u>

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 21.02.81 Signed

D	Yacht Weight with Rig <u>673 kg</u> Added Weight <u>6 kg</u> (Describe type and location)
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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 18.3.81 Signed

Josef STEINMAYER, CH-8700 MEILEN/ZH