

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. A.

DESCRIPTION OF MEASURED YACHT

IMPORTANT — The following information must be supplied by the Certified Measurer who actually measured the yacht. The yacht's number, its only means of identification, must be cut or burned in at least 3" figures into upper side of keelson and checked against award of number royalty receipt (Form R-2), otherwise Measurer is instructed NOT TO MEASURE the yacht.

6087

1. YACHT'S NUMBER?
2. Was this number cut or burned into keelson as required above? wt
3. Yacht's name "HÄSCHEN" 4. Year built 1977
5. By whom built? Siegfried Meier, DINTIKON, AG, Switzerland
6. Owner's name Reiner Haase
7. Address Wolfsbauring 1, D-4300 ESSEN 11, Germany
8. Fleet Esseuer 9. Remarks

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the day of March, 1977, according to instructions issued by the International Measurement Committee and that I have correctly and truthfully recorded the yacht's dimensions on the reverse side of this form and that the above information is true and correct to the best of my knowledge and belief.

Date signed and filed 9.3.77 Signed Harner Schur
Certified Star Measurer

NOTE: IF THERE IS ANYTHING ABOUT THE YACHT'S CONSTRUCTION OR OTHERWISE WHICH YOU BELIEVE CONTRARY TO RULES OR NOT ACCORDING TO STANDARD, REPORT THIS IN A LETTER ATTACHED TO THIS FORM AND DESCRIBE IN DETAIL WITH SKETCH IF NEEDED.

WARNING

If structural alteration or repairs are made (except to sails) the yacht must be measured. If in doubt, obtain ruling from International Measurement Committee. This Certificate becomes void unless owner upon the sale or transfer of the yacht signs the Renewal Affidavit below.

AFFIDAVIT OF NO ALTERATIONS

SOLD OR TRANSFERRED TO _____ of _____
I hereby certify under oath that no alterations have been made to the said yacht since original date of measurement, unless a rider covering measurements is affixed to this Certificate.

Date _____ Signed _____ former owner

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Sec. C.

INSTRUCTIONS TO CERTIFIED 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 Sec. A, and fill in all dimensions called for. Then file both copies with International Measurement Committee.
3. Sails are measured before sanctioned championships, at other times the Fleet is responsible for checking them. Certified Measurers, if authorized by a Fleet, can approve or reject sails.
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 OR RENEWAL 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 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 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 VII.
3. This Certificate should be renewed in name of new owner. For renewal, send this Certificate and \$5.00 to International Measurement Committee, with notation as to change of boat's name, if any.

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 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

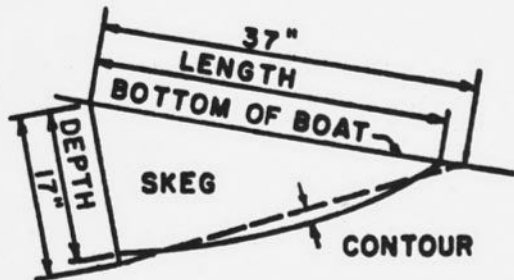
Date 21 March 1977

HEIGHTS										
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF	19-1	13-7	9-5	6-5	4-7	4-1 1/2	5-3	7-6	11-1/2	15-3
CHINE			11-5 1/2				8-7		11-4	17-3 1/2
SIDE *	13-6		20-6				21-4		17-3	10-0
BOTTOM ARC			OK			OK		OK		OK

* MEASURED ALONG SURFACE OF PLANKING

HALF BREADTHS					
STATIONS	1	3	6	8	STERN
DECK	8-1	24-0	34-2	31-4	19-1
CHINE	3-6	16-1	26-6	25-0	16-2

RUDDER
WIDTH 17-6 TO ϵ OF POST
DEPTH 30-5
FITS TEMPLATE? OK



SKEG
DEPTH 16-2
CONTOUR 1-0
LENGTH ALONG CURVE 31-2

K1	45-1
K2	48-1
K3	1-7
K4	53-4
K5	1-0
K6	30-6
K7	8-5
K8	12-2
K9	32-2

WEIGHT:
KEEL 396 kg
HULL 200 kg
YACHT 675 kg

MOMENT OF INERTIA

TEST RESULT

1070 ft^2 POSITIVE BUOYANCY
dm³ TYPE OF BUOYANCY
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)
POSITIVE BUOYANCY
closed cell foam: 300 dm³
sealed compartments: 710 dm³

I.S.C.



Y.R.A.

6087

YACHT NO.	<u>22-9-0</u>
L.O.A.	<u>31-8-0</u>
MAST FROM B	<u>14-7-0</u>
BOOM LENGTH	<u>22-9-0</u>
JIB STAY FR. B	<u>94-3</u>
DIMENSION "A"	<u>45-1</u>
"B"	<u>52-1</u>
"C"	<u>83-5</u>
"E"	<u>8-6</u>
"O"	<u>12-1</u>
"P"	<u>81-2</u>
"R"	<u>0-2</u>
"S"	<u>15°</u>
"T"	

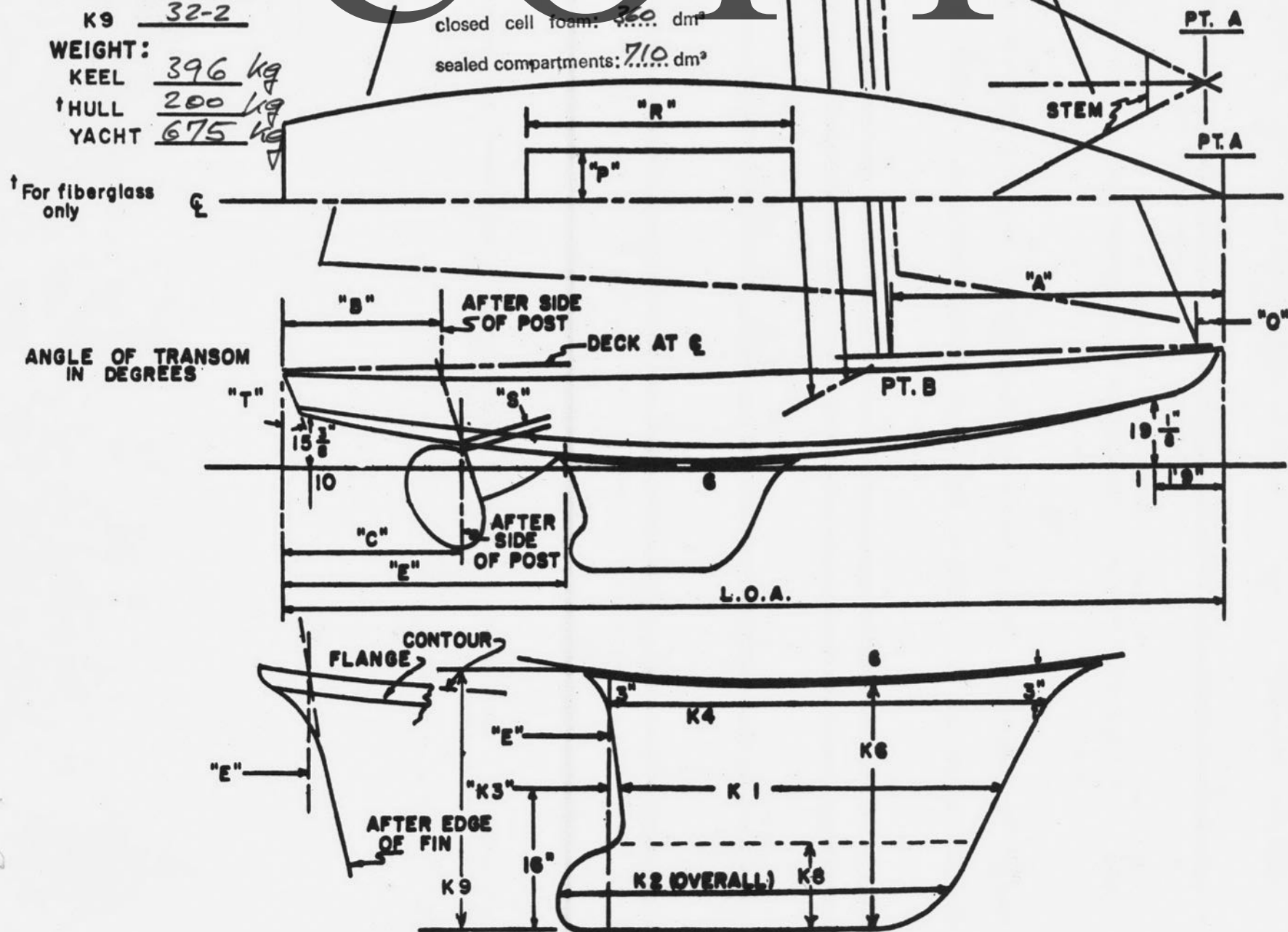
IS CONSTRUCTION WOOD
OR FIBERGLASS? FIBERGLASS

IS CONSTRUCTION AS PER
RULES AND PLANS? yes

IS KEEL WEIGHT CERTIFICATE
ATTACHED? yes

"SIDE FLATNESS"? OK

STEM FITS TEMPLATE? OK



I.S.C. ★ Y.R.A.

Buoyancy Test Certificate

For Owner of Yacht No. 6087
 Owner's Name Dieter FRIEDRICH
 Date Yacht Acquired March 1978
 Former Owner Reiner Haase

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.)
NO

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

Dieter FRIEDRICH

Owner's Name

[Signature]

Owner's Signature

8.4.1978

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.

D. Friedrich secy.

Witness' Name and Title

I.S.C. ★ Y.R.A.
 ANDECHSER FLOTTE

Witness' Signature

8.4.1978

Date

International S t a r C l a s s
Yacht Racing Association

W E I G H T C E R T I F I C A T E

S T A R B O A T	No.	6087
H U L L without Skeg		200 Kg
Date	19.2.77	
H U L L with Skeg		 Kg
Date		
K E E L		396 Kg
Date	18.12.76	
Rigged Y A C H T		675 Kg
Date	7.3.77	

Measured with a crane-weighing-balance,
certified by the official authority.

COPY

Signed

11. Subler

HANNES GUBLER
Certified Measurer I S C Y R A
8702 ZOLLIKON, Rebwiesstr. 54