

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

- Yacht's Number 6946
- Number Molded Or Cut Into Keelson? MOLDED
- Yacht Name NATE
- Year Built 1983
- Builder MADER
- Owner H. NIX DORF
- Address FUERSTEN-ALLEE - D 4790 PADERBORN FRG
- Fleet MOE#NE-SEE
- Remarks PT B 433
5-88 NW

Sec.B. Declarations

- 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 _____
Signed Mader Date 21.8.83
- 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 Mader Date 21.8.83
- 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 _____
Signed: Krieger Date 21.8.83
Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)
Print Name _____
Signed: Krieger Date 21.8.83
- 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.

LEONHARD MADER GMBH
8221 Fischen b. Waging a. See



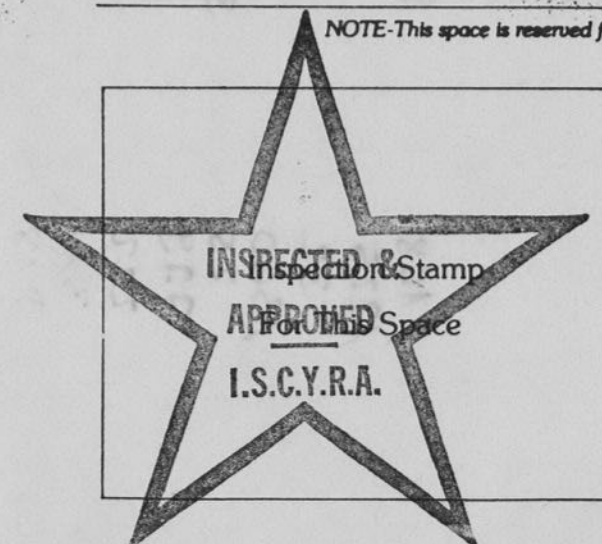
OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

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 \$10.00 to International Measurement Committee, with notation as to any changes in Section A, or Section E.
- 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 1983-10-23

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	358	254	176	125	106	134	201	287	390
CHINE			306			730		301		454
SIDE	826		786			751		713		691
BOT.ARC			04			04		04		04

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	615	866	784	498
CHINE	95	406	673	627	406

4 RUDDER FITS TEMPLATE? yes

THICKNESS 25 POST DIA 25.4

5 SKEG DEPTH 420

" LENGTH 841

" CONTOUR 16

6 KEEL DIMENSIONS

K1	1168	K10	964
K2	1225	K11	✓
K3	32	K12	✓
K4	1360	K13	✓
K5	25	K14	313
K6	779		
K7	222		
K8	311		
K9	818		

7 WEIGHTS*

KEEL (WITH FINISH) 389/395

HULL (AS MOLDED) 195/198

8 BUOYANCY

CONTAINED IN HULL 0.36

ADDITIONAL 0.58

☒ TANKS

☒ COMPARTMENTS

☒ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

YACHT NO. 6946

WOOD OR G.R.P. GRP

L.O.A. 6925

DIMENSION "A" 2357

" "B" 1179

" "C" 1282

" "E" 2137

" "P" 305

" "R" 1973

" "S" 5

" "T" 170

CHINE RADIUS OK? ✓

STEM RADIUS OK? ✓

SIDE FLATNESS OK? ✓

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9652

Pt B TO JIB STAY 6890

BOOM LNG 4445

MAST TIP WT. 7.1

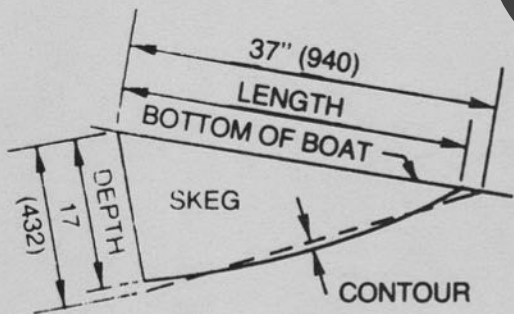
DIMENSION "O" 6662

YACHT WEIGHT 658 662

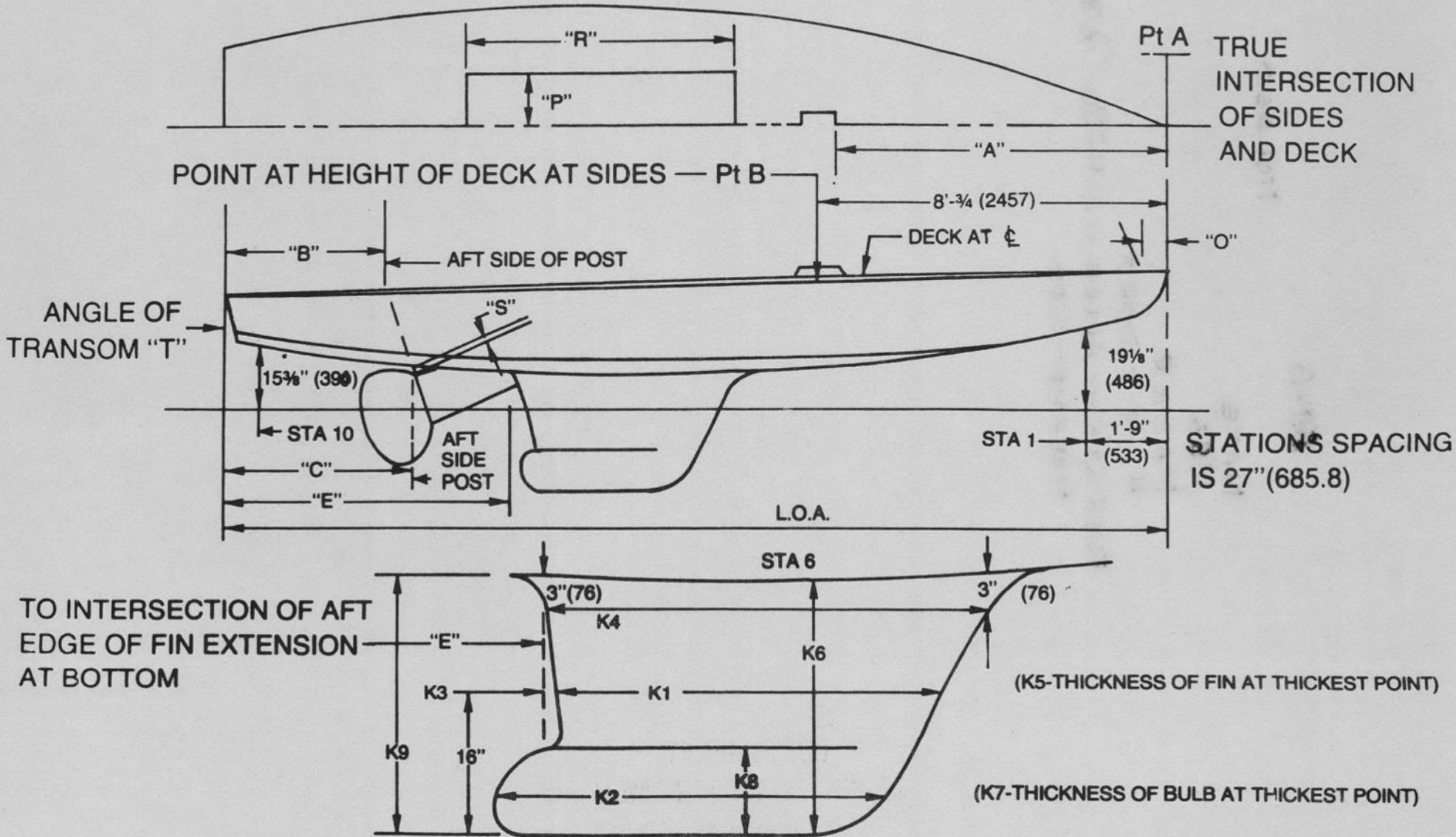
ADDED WEIGHT 16 10

TOTAL WEIGHT 672

COPY



* IS ISCYRA WEIGHT CERTIFICATE ATTACHED? yes



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

Buoyancy Test Certificate

I.S.C.Y.R.A.
1985
CENTRAL OFF

This Certificate Expires Two Years From Today On 20 OCT., 1986 or
until own. ch.

For Owner of Yacht No. 6946

Owner's Name JOACHIM HELLMICH

Date of Buoyancy Test 20. OCT. 1984

Instructions:

1. Each Star Class Yacht must pass the prescribed buoyancy test every two years.
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 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.)
4. Complete Certificate in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Rd., Glenview, IL 60025, U.S.A., owner shall retain other copy.**
5. Describe additional flotation equipment, other than hull structure.
(Mention type, size, location, etc.)

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

Hellmich, Joachim Joach. Hellmich 20.10.84
Owner's Name Owner or Representative'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.

Gert Schulte, Secy. Gert Schulte 20. OCT. 84
Witness' Name and Title Witness' Signature Date

6946

YACHT NUMBER

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

6946

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.)

4 Tanks in middle
1 " in back
1 " in front

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

MAR 27 1987

CENTRAL OFFICE

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

Fischer Ulrich

Owner's Name

Ulrich

Owner or Representative's Signature

14.3.87

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.

Ulrich Fischer Capt.

Witness's Name and Title

Ulrich

Witness's Signature

14.3.87

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: 1 6.946 1

Owner Ulrich Fischer

Address Ludwigstr 4

D 8221 Seebuck

GERMANY

Fleet Bedarius

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

104.8 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.

Certified Weighmaster:

ANTONIO CARDONA ESPIN
STAR CLASS MEASURER
C/. Arzobispo Cardona Riera, 8, 3.*
Tel. 31 24 67 - 07800 IBIZA (España)

Signature A. Cardona

Print name ANTONIO CARDONA ESPIN

My term expires N/A

I.S.C.Y.R.A. File No:

6946

REC'D MAY 26 1992

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



Yacht Number: 6946

Owner Ulrich Fischer

Address Luclwigstr 4

D 8221 Seebruck

Alemania W. GERMANY

Fleet Bedarius (B)

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

KG

0.7

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.

Certified Weighmaster:

Signature [Signature]

Print name Jorge Corutchet

My term expires 17/11/1991

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

FEB 18 1990

CENTRAL OFFICE

I.S.C.Y.R.A. File No:

6946

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

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

OCT 17 1983

Report from International Measurement Committee CENTRAL OFFICE

Star No. 6946

Owner H. NIXDORF

Builder MADER

Measurer KRIEGER

The Measurement Certificate for this boat cannot be approved due to the following points which do not comply with the Specifications:

KEEL WEIGHT

Same reason as with
boat No. 6823

COPY

10.10.83

The following action is suggested as indicated by check marks:

- ☐ The points in question must be remeasured by a Certified Measurer and the results submitted to the Measurement Committee.
- ☐ The points in question must be altered to conform to the Specifications and then remeasured by a Certified Measurer and submitted to the Measurement Committee.
- ☐ The boat must be rebuilt to conform to the Specifications and then completely remeasured by a Certified Measurer.

Date 1983-09-17

W. Richards Chairman
International Measurement Committee

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	358	254	176	125	106	134	201	287	330
CHINE			306			730		301		454
SIDE	826		786			751		713		691
BOT.ARC			04			04		04		04

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	615	866	784	498
CHINE	95	406	673	627	406

4 RUDDER FITS TEMPLATE? YesTHICKNESS 25 POST DIA 25.45 SKEG DEPTH 420" LENGTH 841" CONTOUR 16

6 KEEL DIMENSIONS

K1 <u>1163</u>	K10 <u>964</u>
K2 <u>1225</u>	K11 <u>✓</u>
K3 <u>32</u>	K12 <u>✓</u>
K4 <u>1360</u>	K13 <u>✓</u>
K5 <u>25</u>	K14 <u>313</u>
K6 <u>779</u>	
K7 <u>222</u>	
K8 <u>311</u>	
K9 <u>818</u>	

7 WEIGHTS*

KEEL (WITH FINISH) 388/385/386/387HULL (AS MOLDED) 195/198/192/195

8 BUOYANCY

CONTAINED IN HULL 036ADDITIONAL 0.58☒ TANKS☒ COMPARTMENTS☒ CLOSED CELL FOAM

1 HULL MEASUREMENTS

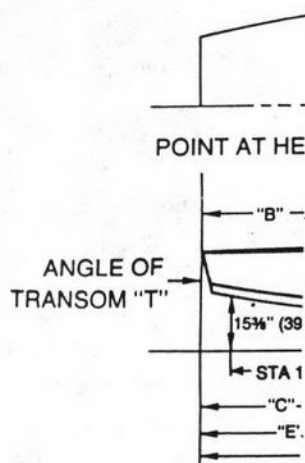
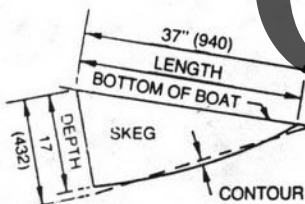
YACHT NO.	<u>6946</u>
WOOD OR G.R.P.	<u>GRP</u>
L.O.A.	<u>6925</u>
DIMENSION "A"	<u>2357</u>
" "B"	<u>1177</u>
" "C"	<u>1282</u>
" "E"	<u>2137</u>
" "P"	<u>305</u>
" "R"	<u>1973</u>
" "S"	<u>5</u>
" "T"	<u>170</u>

CHINE RADIUS OK? ✓STEM RADIUS OK? ✓SIDE FLATNESS OK? ✓

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9652Pt B TO JIB STAY 6890BOOM LNG 4445MAST TIP WT. 7.1DIMENSION "O" 6662YACHT WEIGHT 656 662ADDED WEIGHT 16 10TOTAL WEIGHT 672

COPY

TO INTERSECTION OF A
EDGE OF FIN EXTENSIO
AT BOTTOM

BOOTSWEERT
LEONHARD MADER GMBH
3221 Fisching D. Waging a. See

Date 2.1.8.83Signed M. Mader

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, Outfitter or Owner must sign

D Yacht weight with Rig 656 662
Added weight 16 10
(Denote type and location)

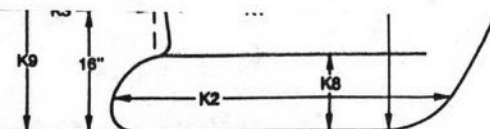
Date 2.1.8.83Signed M. Mader

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 1/2 of 1%. Builder must fill in at least one item in each of A, B, and C, and sign

A	Builder's Hull No.	<u>111530</u>
	Yacht No.	<u>6546</u>
H	Hull Less Skeg	<u>132</u> <u>145</u>
	Hull with Skeg	<u>145</u> <u>188</u>
C	Keel Less Finish	<u>386</u> <u>388</u>
	Keel with Finish	<u>382</u> <u>385</u>

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

International Star Class Yacht Racing Association



(K7-THICKNESS OF BULB AT THICKEST POINT)

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

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

OCT 17 1983

Report from International Measurement Committee

CENTRAL OFFICE

Star No. 6923

Owner F. TRUDED

Builder MADER

Measurer KRIEGER

The Measurement Certificate for this boat cannot be approved due to the following points which do not comply with the Specifications:

KEEL WEIGHT

Dear Bill

As we compared the scale of Mader with the scale of the German Sailing Union we found Mader's scale showing 3 kg less in full range

Please correct the weights as shown on next page. It must be only this 2 boats because I've rechecked 75 boats at the German Championship.

The following action is suggested as indicated by check marks:

- ☐ The points in question must be remeasured by a Certified Measurer and the results submitted to the Measurement Committee.
- ☐ The points in question must be altered to conform to the Specifications and then remeasured by a Certified Measurer and submitted to the Measurement Committee.
- ☐ The boat must be rebuilt to conform to the Specifications and then completely remeasured by a Certified Measurer.

Date 1983-09-17

Friedrich
Chairman
International Measurement Committee

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No.	<u>11 1930</u>
	Yacht No.	<u>6946</u>
B	Hull Less Skeg	<u>452 195</u>
	Hull with Skeg	<u>185 198</u>
C	Keel Less Finish	<u>386 389</u>
	Keel with Finish	<u>392 395</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 21.8.83 Signed Mader

D	Yacht weight with Rig	<u>656 662</u>
	Added weight <u>18</u> at <u>rudder</u> (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 21.8.83 Signed Mader

BOOTSWERFT
LEONHARD MADER GMBH
3221 Fischen b. Waging a. See

uk.