

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6882
2. Number Molded Or Cut Into Keelson? MOLDED
3. Yacht Name DUEBEL XII
4. Year Built 1983
5. Builder L. MADER
6. Owner HANS-OTTO ENGEL
7. Address POSTFACH 105508 - D2000 HAMBURG 1
8. Fleet HAMBURGER
9. Remarks _____

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 _____
Signed Mader Date 5.4.83

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 Mader Date 5.8.83

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 _____
Signed: Vrieger Date 5.4.83

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

Print Name _____
Signed: Vrieger Date 5.4.83

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.

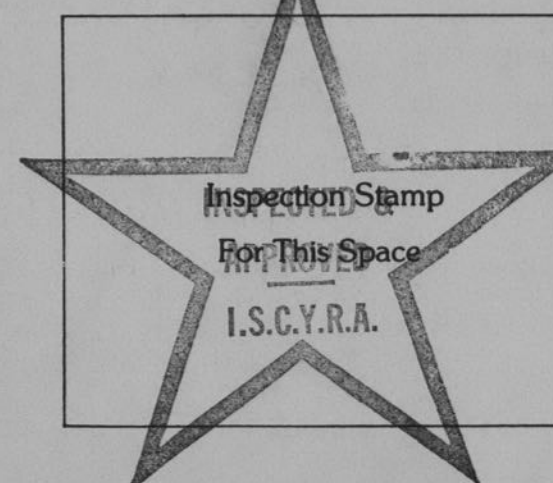
Conditions Under Which Certificate Is Issued

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 William V. Richards
Chairman International Measurement Committee.

Date 1983-05-02



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			230		301		454
SIDE	826		786			715		713		691
BOT.ARC			O.k.			O.k.		O.k.		O.k.

*MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	615	866	784	496
CHINE	95	406	673	627	406

4 RUDDER FITS TEMPLATE? yes

THICKNESS 25 POST DIA 25,4

5 SKEG DEPTH 425

" LENGTH 840

" CONTOUR 16

6 KEEL DIMENSIONS

K1 <u>1162</u>	K10 <u>960</u>
K2 <u>1223</u>	K11 <u>✓</u>
K3 <u>33</u>	K12 <u>✓</u>
K4 <u>1358</u>	K13 <u>✓</u>
K5 <u>25</u>	K14 <u>308</u>
K6 <u>778</u>	
K7 <u>218</u>	
K8 <u>305</u>	
K9 <u>819</u>	

7 WEIGHTS*

KEEL (WITH FINISH) 393 / 399

HULL (AS MOLDED) 194 / 197

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. 6882

WOOD OR G.R.P. GRP

L.O.A. 6925

DIMENSION "A" 2357

" "B" 1177

" "C" 1282

" "E" 2137

" "P" 305

" "R" 1973

" "S" 5

" "T" 17°

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

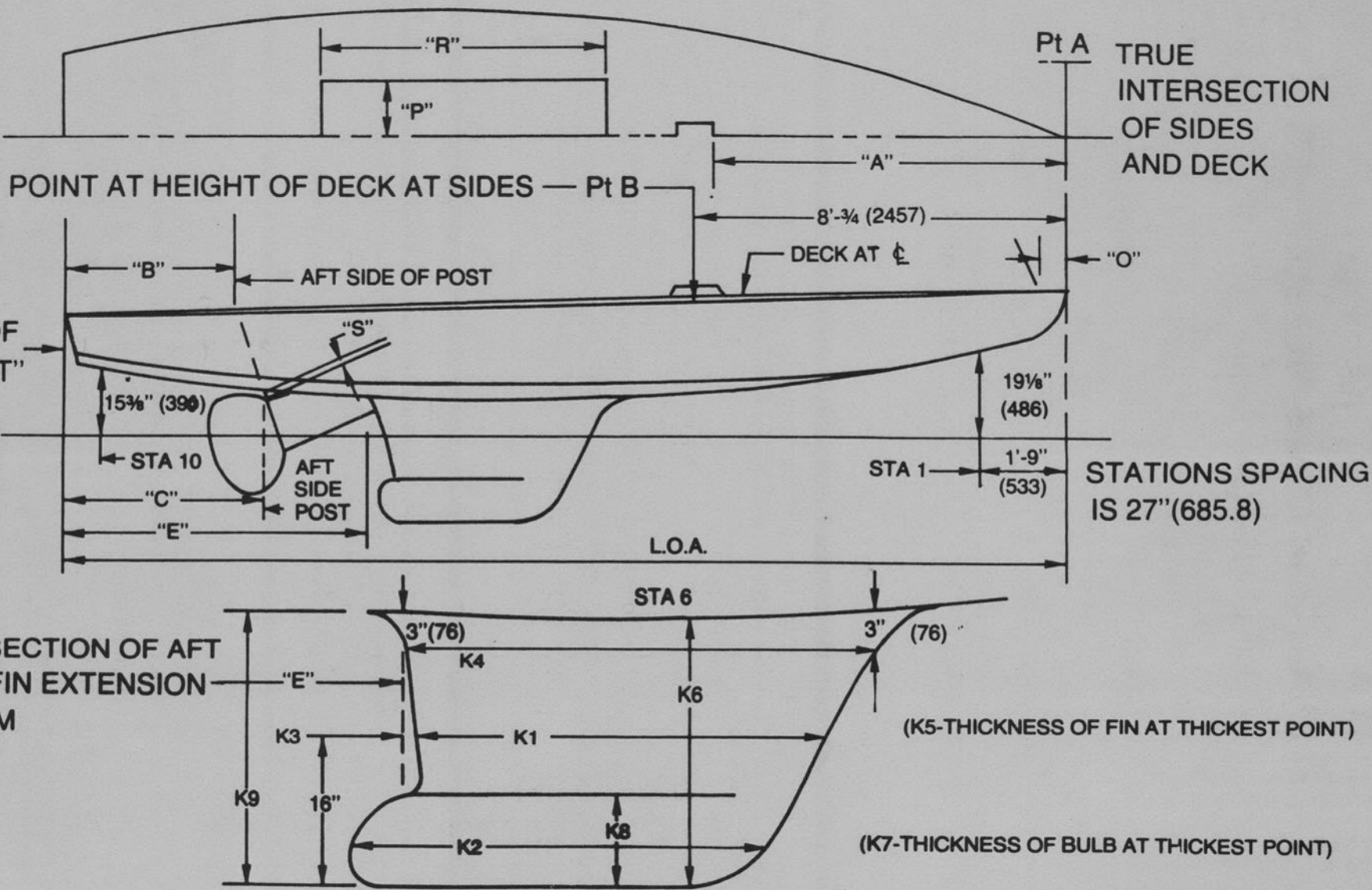
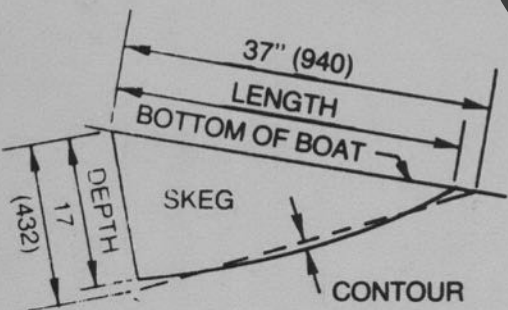
YACHT WEIGHT 658

ADDED WEIGHT 14

TOTAL WEIGHT 672

COPY

*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? yes



INTERNATIONAL STAR CLASS
YACHT RACING ASSOCIATION
HAMBURGER FLOTTE



International Star Class Yacht
Racing Association
1545 Waukegan Road
Glenview
Illinois 60025
U.S.A.

L] HAMBURG 11.04.83.

Dear Doris,

Re: 6882

I attach a photocopy of the Buoyancy Test Certificate for your files.

The Measurement Certificate will follow from L. Mader. Please kindly submit my copy as early as possible.

Kind regards,

Yours sincerely,

H. - O. Engel

COPY

M-5283

Enclosure

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

APR 15 1983

CENTRAL OFFICE

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

6882

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

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

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

MAY 27 1986

CENTRAL OFFICE

Manfred Vogler

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 4 above.

H.-V. Engel, HF-Captain

Witness's Name and Title

H.-V. Engel

Witness' Signature

27/3/86

Date

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

YACHT NUMBER

6882

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.

Alfred-Julius Horstmann

Builder or Owner
(Print or type name.)

A.-J. Horstmann

Builder or Owner's Signature
(Sign name.)

06/20/2001

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 RE / 459)

RECEIVED JUL 06 2001

88 ENTERED JUL 06 2001

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



Yacht Number 6882

Owner ALFRED JULIUS HORSTMANN

Address WENTORFER STRASSE

21029 HAMBURG

GERMANY

Fleet HF

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

11.00 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 2 AUG 2001

Certified Weighmaster:

Signature JOHN F. KOOPMAN

Print name J F Koopman

My term expires —

White: Owner

Yellow: Central Office

Pink: Weighmaster/Measurer

RECEIVED JUN 05 2006

ENTERED JUN 05 2006

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No.	<u>T 1842</u>
	Yacht No.	<u>6882</u>
B	Hull Less Skeg	<u>194</u>
	Hull with Skeg	<u>197</u>
C	Keel Less Finish	<u>393</u>
	Keel with Finish	<u>399</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 5.4.83 Signed Mader

D	Yacht weight with Rig	<u>658</u>
	Added weight	<u>1400</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 5.4.83 Signed Mader

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