

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

- 71476
1. Yacht's Number 7147
 2. Builder L. Mader
 3. Year Built 1986
 4. Builder's Hull Number 86 x 2291
 5. Material of Construction GRP
 6. Type and location of characters used to install yacht number in hull at back compartment
 7. Yacht Name Duebel
 8. Owner Hans O. Engel
 9. Address Wilderkamp 4 - D 2105 Seevetal 3 FRG
 10. Fleet Hamburger
 11. Remarks Duplicate transcribed w/ new keel measurements: 22 JUL 88
J. Knowles

SEC. B. DECLARATIONS:

1. I certify that I have measured items I through VI under hull measurements and K1 through K14 under keel measurements on page two of this certificate and have entered the data, the information is correct and complies with I.S.C.Y.R.A. rules.

Print name Krieger

Signed s/s Date 26.3.86 Re-meas: 15.6.88
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the I.S.C.Y.R.A., and that the keel conforms to the approved keel plan. I have completed item VII, Buoyancy, on page two under Hull Measurements.

Print name Mader

Signed s/s Date 26.3.86
(Builder)

3. I certify that this yacht has been fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name Mader

Signed s/s Date 26.3.86
(Outfitter)

4. TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES

I certify that no alterations have been made on this yacht that would affect the measurements recorded on page two of this document.

Print name _____

Signed _____ Date _____
(Owner)

5. TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT

I certify that I have inspected the changes outlined in the attached plan covering the structural alterations made on this yacht and find them to be in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name _____

Signed _____ Date _____
(Certified Star Class Measurer)

YACHT NUMBER 7147

HULL MEASUREMENTS:

I.
 A 4568
 B 1188
 C 1284
 E 2122
 O 6660
 P 310
 R 2058
 S 2
 TA 17°
 L.O.A. 6925

II.

Chine Radius ok
 Stem Radius ok
 Side Flatness ok

III.

Rudder Template ok
 Thickness 28
 Post Dia. 25.4

IV.

Skeg Depth 421
 Skeg Contour 13

V.

Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	244	104	186	390
Chine	811	303	231	295	445
Side	811	783	741	715	682
Bottom Arc	811	ok	ok	ok	ok

VI.

Half Breadths:

Stations	1	3	6	8	Stern
Deck	203	608	868	794	493
Chine	95	410	674	630	415

VII.

Buoyancy: (Builder)

Hull 0,34
 Tanks 2) 0,58
 Compartments 2)
 Closed Cell Foam _____
 Air Bags _____

KEEL MEASUREMENTS:

K1 1152
 K2 1233
 K3 41
 K4 1372
 K5 26
 K6 774 9k
 K7 215
 K8 311 9k
 K9 815
 K10 926
 K11)
 K12) controlled by template
 K13)
 K14 314

WEIGHT CERTIFICATION:

Keel less finish 400
 Keel with finish 407

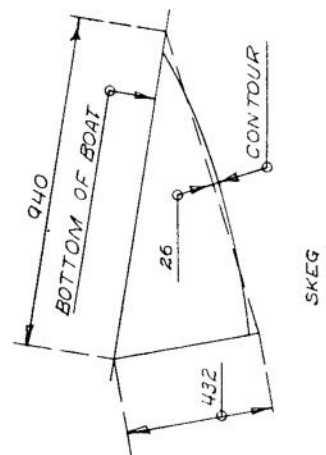
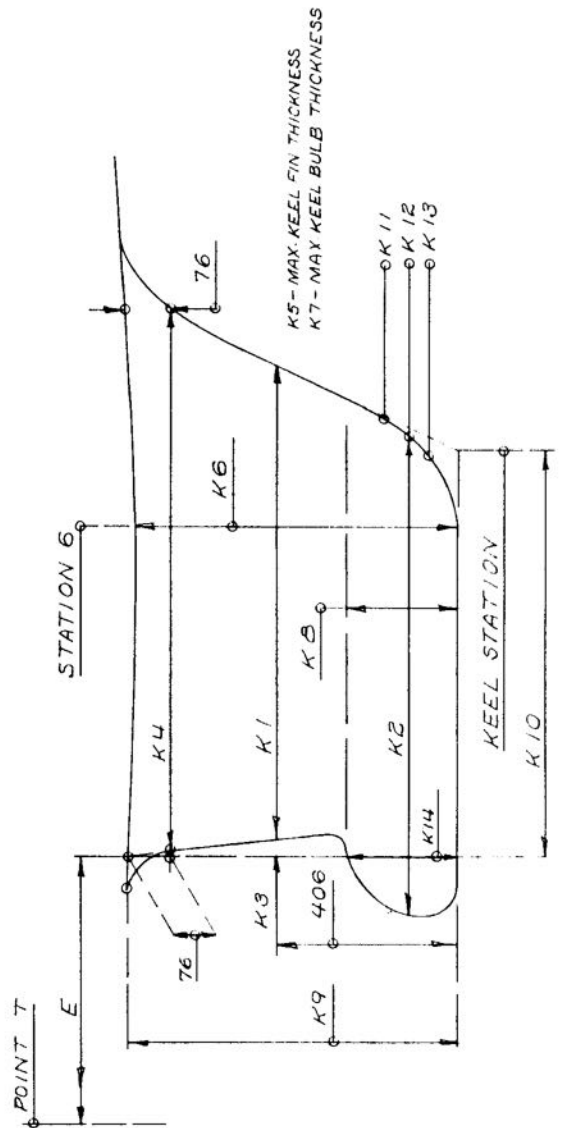
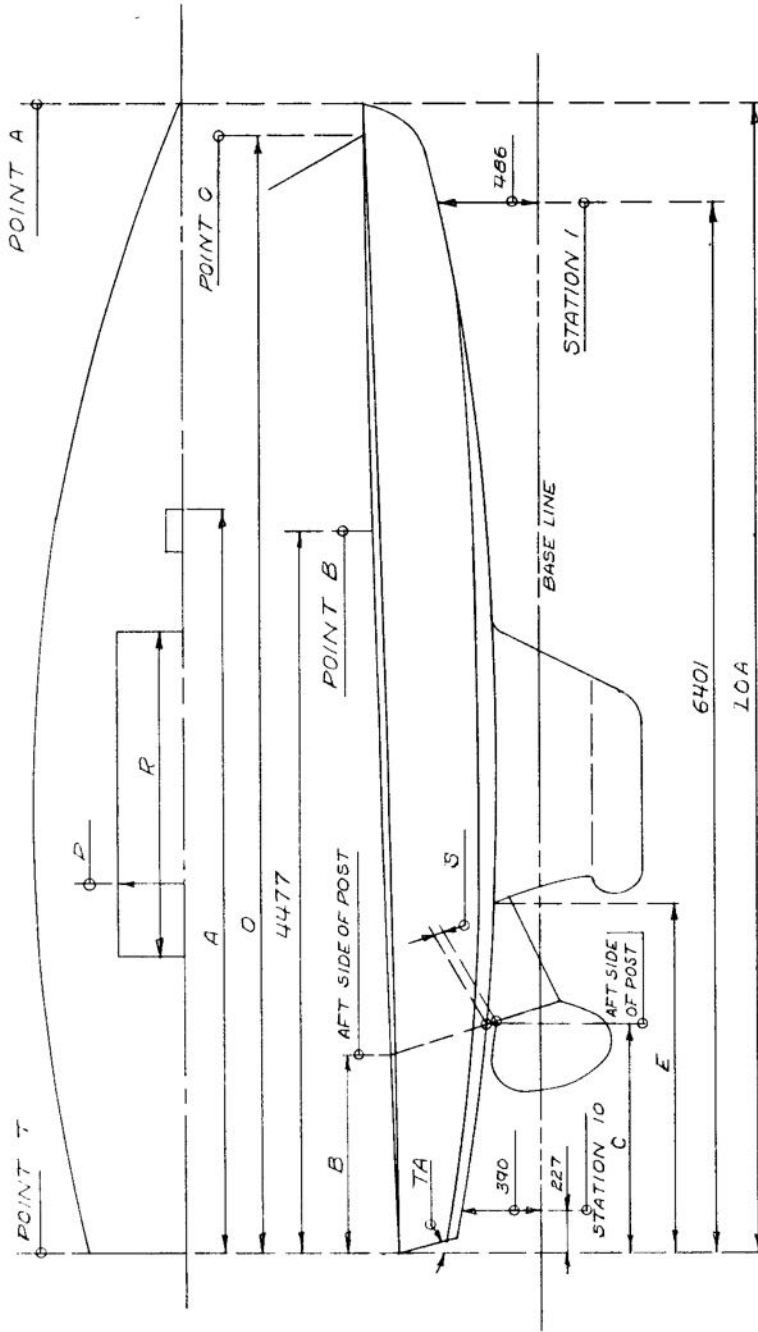
I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name MaderSigned s/s Date (15.6.88)
(Builder)Yacht weight with rigging
677Added Weight n/aType and location of added weight n/a

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name MaderSIGNED s/s (15.6.88)
(Builder, outfitter or owner)

MEASURER'S REMARKS:



SEC. C. 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 will be sent to him by the International Measurement Committee after his appointment.
2. This form must be made out by the certified measurer in duplicate. He must answer I through VI in the Hull Measurement and all under Keel Measurements. Both Copies are to be sent to the I.S.C.Y.R.A. central office. In case some dimensions are not available, file one copy with the I.S.C.Y.R.A. and forward one copy to the owner who becomes responsible for its completion.
3. Declarations must be signed as required.
4. Certified measurers are entitled to a reasonable fee for measuring, but the Association is not responsible for its payment.
5. A certified measurer cannot measure a yacht in which he owns an interest.

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 revoked if any structural changes are made or if not properly transferred to a new owner. It may be revoked at any time by order of the International Measurement Committee or the International Governing Committee.
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class. 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.
3. This certificate shall be replaced when the yacht is altered or sold. For replacement, send this certificate and ten dollars, U.S. Funds, to the I.S.C.Y.R.A Central Office.



The International Measurement Committee finds that the yacht described herein conforms with the plans and specifications of the Star Class and therefore grants this certificate to the yacht owner, subject to the conditions set forth above so long as the owner or owners of the yacht are members of the I.S.C.Y.R.A.

Signed *John F. Foulke*
(Chairman International Measurement Committee)

Date 22 JUL 1988

YACHT NUMBER

Den
7147

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



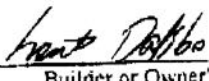
Buoyancy Test Certificate

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:

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

<u>Kent Dalsbo</u> Builder or Owner (Print or type name)	 Builder or Owner's Signature (Sign name)	<u>06/23/01</u>  Date (Month / Day / Year)
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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)

ENTERED JUN 27 2001