

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATEYACHT NUMBER 7963Builder Leonhard MaderYear Built 1999Builder's Hull Number 99FF3054Construction Material GRPType and location of yacht number in hull at bottomYacht Name _____ Fleet Cape AnnOwner Bruce Marshall EngelAddress 48 Paul Revere Road, Needham, MA 02494Remarks Previously owned by: Jock Kolhas**DECLARATIONS:**

1. I certify that I have measured the items listed on this certificate for the above yacht and entered the data, the information is correct and the yacht complies with ISCYRA rules and the keel conforms to an approved builder's keel plan.

Print name Friedrich KriegerSigned Krieger Date 13-4-99
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the ISCYRA and that the keel conforms to an approved keel plan and approved lay up schedule.

Print name Bootswerft Leonhard Mader GmbHSigned Leonhard Mader Date 13-4-99
(Builder)

3. **TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT**
I certify that I have measured the above yacht in any areas affected by the following changes:

_____ and find it to be in accordance with the current plans and specifications of the ISCYRA.

Print name _____

Signed _____ Date _____
(Certified Star Class Measurer)

4. **TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES**

I certify that no alterations have been made on this yacht that would affect the measurements or conformity with the plans and specifications.

Print name _____

Signed _____ Date _____
(Owner)

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

7963 G

YACHT NUMBER 7963
Builder Leonhard Mader **Year Built** 1999
Builder's Hull Number 99FF3054 **Construction Material** GRP
Type and location of yacht number in hull at bottom
Yacht Name _____ **Fleet** _____
Owner Jock Kohlhas c/o McCausland
Address 14 Plymouth Drive - Cherry Hill NJ 08034
Remarks _____

DECLARATIONS:

I certify that I have measured the items listed on this certificate for the above yacht and entered the data, the information is correct and the yacht complies with ISCYRA rules and the keel conforms to an approved builder's keel plan.

Print name _____
Signed Krieger **Date** 13.4.99
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the ISCYRA and that the keel conforms to an approved keel plan and approved lay up schedule.

Print name _____
Signed Quader **Date** 13.4.99
(Builder)

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

I certify that I have measured the above yacht in any areas affected by the following changes:

_____ and find it to be in accordance with the current plans and specifications of the ISCYRA.

Print name _____
Signed _____ **Date** _____
(Certified Star Class Measurer)

4. **TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES**

I certify that no alterations have been made on this yacht that would affect the measurements or conformity with the plans and specifications.

Print name _____
Signed _____ **Date** _____
(Owner)

DSV - Vermesser
Krieger

LEONHARD MADER GMBH
Zum Seetaufel 6
83329 Waging am See
Tel. 0 86 61 - 3 73 Fax 42 45

MEASUREMENTS:**HULL MEASUREMENTS:**

A 4630
 B 1193
 C 1273
 E 2119
 O 6711
 P 310
 R 2064
 Transom Angle 17°
 L.O.A. 6933
 Height of Point "B" 497
 Chine Radius ok
 Stem Radius ok
 Side Flatness ok
 Rudder Template ok
 Rudder Thickness 28
 Rudder Post Diameter 25
 Skeg Depth 417
 Skeg Contour 13
 Tiller Material ok

Last fully measured hull from this mold # 7963
 on 7.4.99 19 99

This is hull number 0 since that measurement.

KEEL MEASUREMENTS:

K1 1156
 K2 1236
 K3 32
 K4 1372
 K5 26
 K6 779
 K7 216
 K8 311
 K9 820
 K10 920
 K11)
 K12) contr. by templates
 K13)
 K14 314

KEEL CERTIFICATION:

Keel weight 406,0

I certify that the weight shown was taken on
 a scale that has been calibrated within the
 last year to an accuracy of .5% of reading,
 and that this keel conforms to the builders
 approved keel plan, dated 15.12.
 19 87 on file at ISCYRA.

(Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

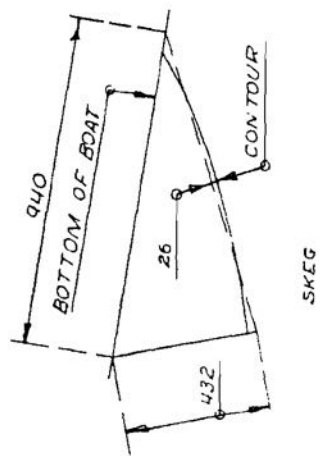
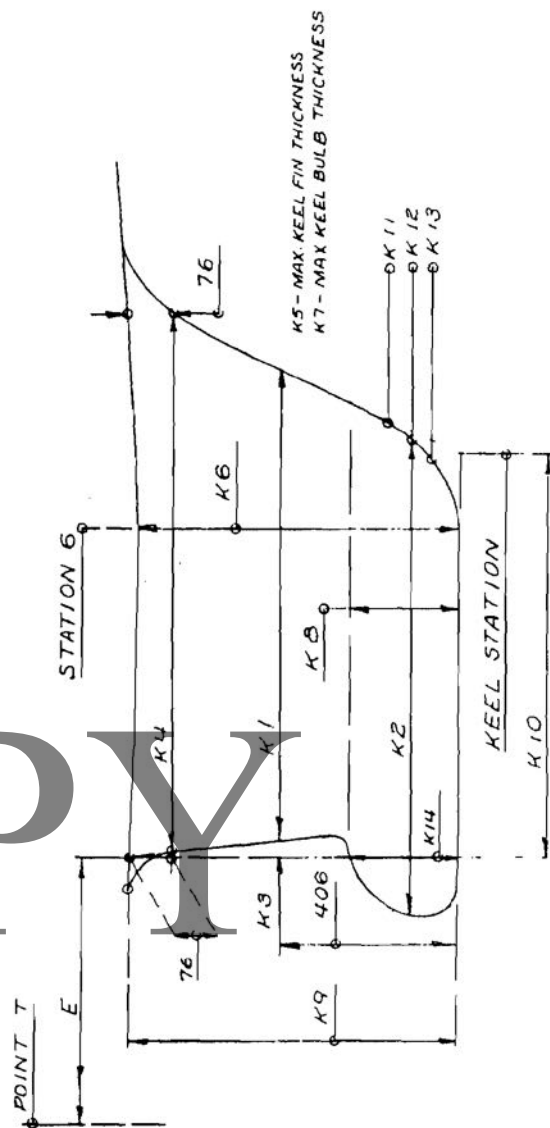
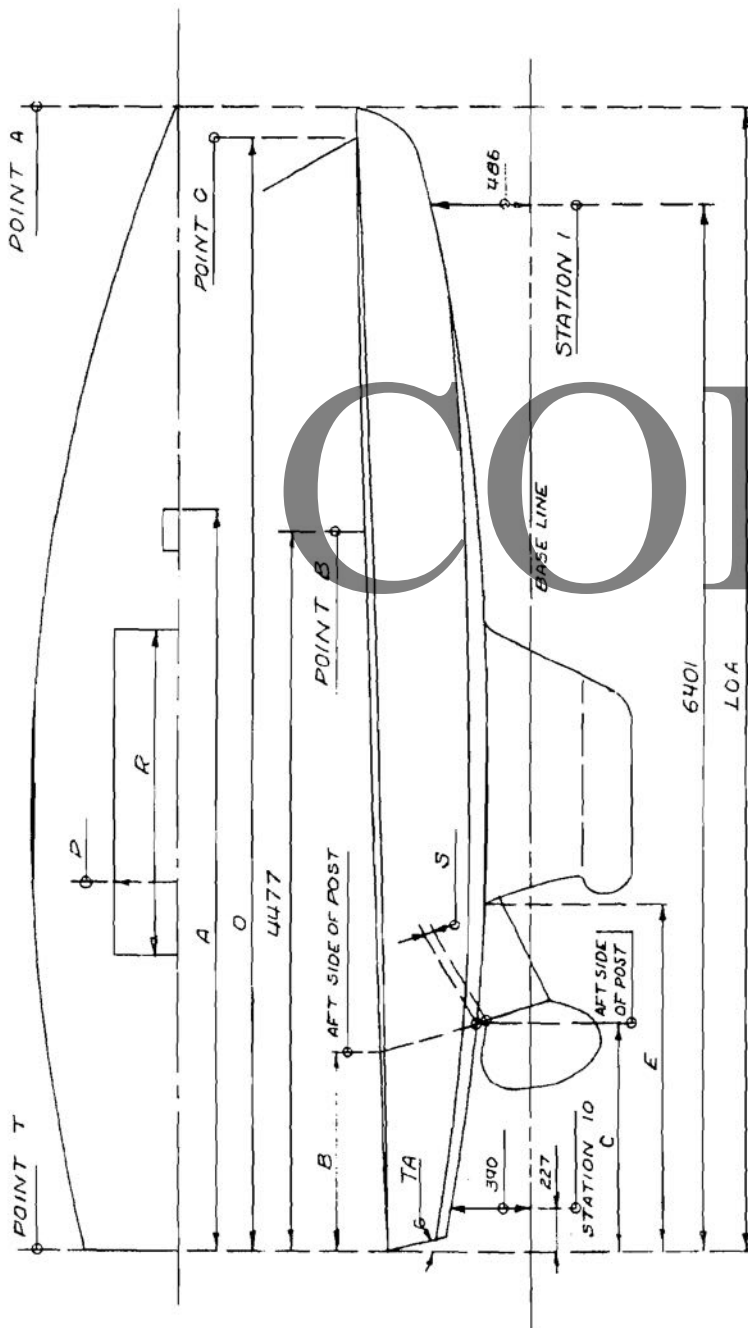
Station	1	2	3	4	5	6	7	8	9	10
Keel	486	353	244	165	118	104	129	185	277	390
Chine	X	X	305	X	X	231	X	294	X	445
Side	810	X	783	X	X	750	X	714	X	673
Bottom Arc	X	X	ok	X	X	ok	X	ok	X	ok

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	202	599	861	796	502
Chine	93	408	670	634	415

BUOYANCY:

Contained in Hull Lay-up 0,36
 Airtight Compartments 3 = 0,58
 Other --



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 fully completed by the certified measurer in duplicate. Both copies are to be sent to the ISCYRA Central Office.
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 may not measure a yacht in which he owns an interest except as provided by ISCYRA Rule 33.2

CONDITIONS UNDER WHICH CERTIFICATE IS ISSUED:

1. This certificate is not valid unless it bears the stamp of the ISCYRA and is signed by the chairman of the International Measurement Committee. This certificate may be revoked at any time by order of the International Measurement Committee or the International Governing Committee. It is invalid if any structural changes are made which affect the yacht's dimensions or its compliance with ISCYRA Rules.
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class.
3. This certificate shall be replaced when the yacht is altered or sold. For replacement of the certificate contact the ISCYRA Central Office.
4. ISCYRA Rule 33.3 limits re-measurement of a yacht having a valid certificate.



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 ISCYRA.

Signed Jon F. Koon
(Chairman International Measurement Committee)

Date 6 May 1999

YACHT NUMBER

7963

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 blue copy of completed Certificate to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; owner shall retain white copy.
4. If flotation provisions for this yacht include buoyancy other than that provided by the structure of the hull, describe these provisions:

FRONT-SIDE-FLOOR TANKS

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

JOHN KOHLHAS
Builder or Owner

J. J. KOHLHAS JR.
Builder or Owner's Signature

4/30/99
Date

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

White: Owner
Blue: Central Office

DD ENTERED MAY 06 1999

RECEIVED MAY 04 1999

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



Yacht Number 7963

Owner Jock Kohlhas

Address c/o McCausland

Plymouth Drive

Cherry Hill NJ 08034

Fleet

I certify that I have weighed the above yacht, according to the Rules of the I.S.C.Y.R.A., and find that

4.00 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 18.4.99

Certified Weighmaster:

Signature Krieger

Print name _____

My term expires _____

DSV - Vermesser
Krieger

White: Owner
Yellow: Central Office
Pink: Weighmaster/Measurer