

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.

1. YACHT'S NUMBER? 4733
2. Was this number cut or burned into keelson as required above? yes
3. Yacht's name "North Star" 4. Year built 1963
5. By whom built? Eichenlaub Yacht & Marine Service
6. Owner's Name Lowell North
7. Address 803 Gage Drive, San Diego 6, Calif.
8. Fleet San Diego Bay 9. Remarks New boat.

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the 23rd day of April, 1963, 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 May 16, 1963 Signed [Signature]
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 remeasured. 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 remeasurement is affixed to this Certificate.

Date _____ Signed _____ former owner.

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Sec. C.

—INSTRUCTION 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 Sect. 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 \$1.00 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 intergral 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 [Signature]
Chairman International Measurement Committee.

Date June 12, 1963

4733

4733

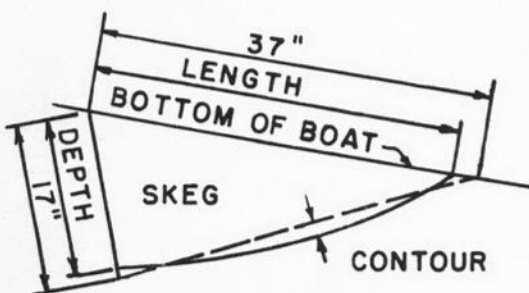
	HEIGHTS									
STATIONS	1	2	3	4	5	6	7	8	9	10
CONTOUR	19 1/8	14"	9 1/2	6 1/8	4 5/8	3 7/8	5 1/8	7 3/8	11 1/16	15 3/8
CHINE			11 1/16			8 1/2		11 9/16		17 9/16
SIDE *	13 1/16		20 7/8			20 3/4		17 1/8		10 3/8

* MEASURED ALONG SURFACE OF PLANKING

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

	HALF BREADTHS				
STATIONS	1	3	6	8	STERN
DECK	8 5/16	24 1/16	34 1/4	31 1/4	19 1/8
CHINE	3 3/4	16 1/4	26 7/16	24 1/2	15 7/8

RUDDER
WIDTH 17 7/8 TO ϕ OF POST
DEPTH 31 1/4



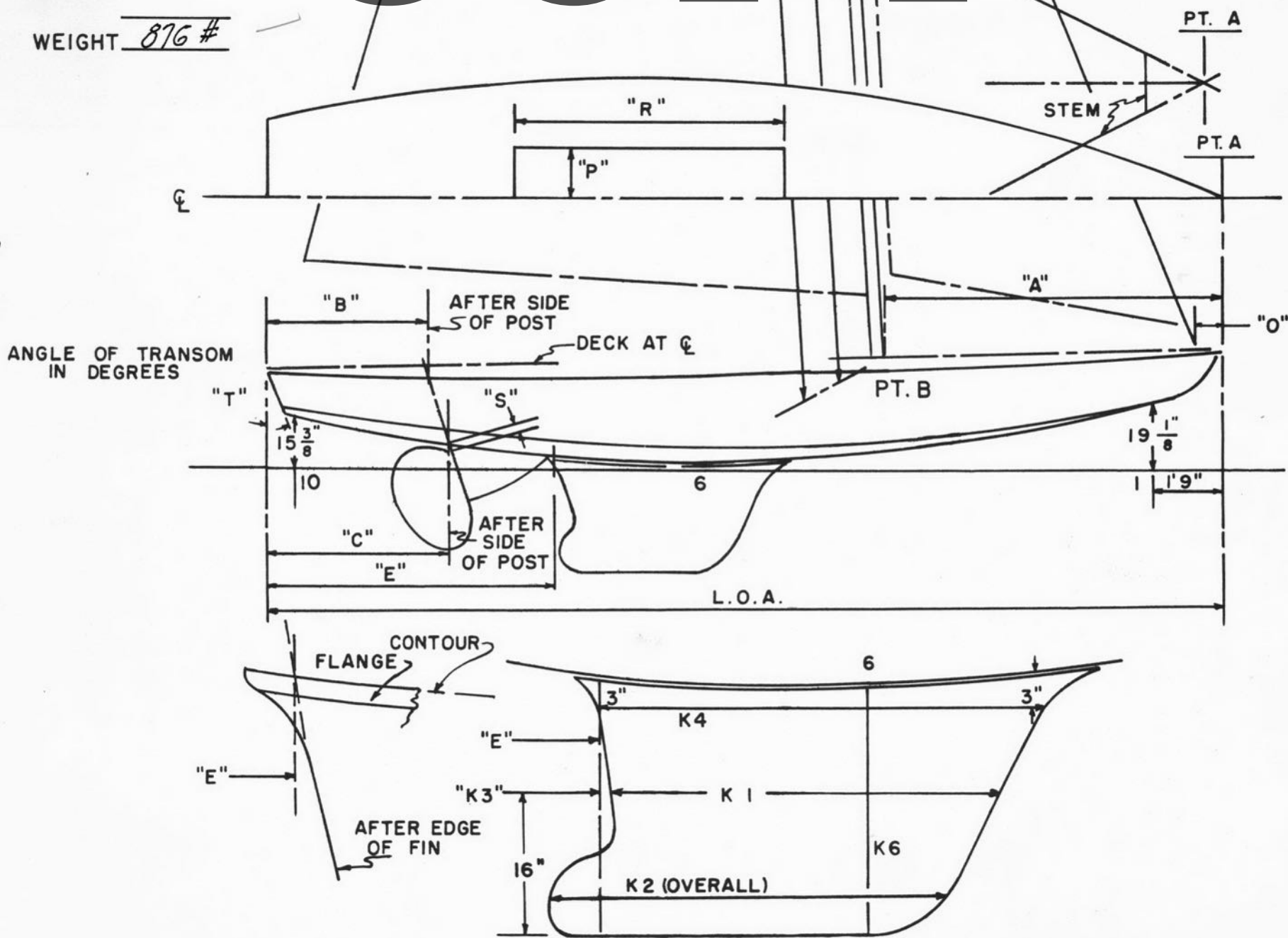
SKEG
DEPTH 17"
CONTOUR 3/8"
LENGTH ALONG CURVE

- K1 45"
- K2 48 1/8"
- K3 23/8
- K4 53 3/4
- K5 7/8"
- K6 20 1/2"
- K7 8 1/2"
- K8 11

WEIGHT 876 #

YACHT NO. 4733
L.O.A. 22'-9"
MAST FROM B 31'-9"
BOOM LENGTH 14'-7"
JIB STAY FR. B 22'-9"
DIMENSION "A" 91 3/4"
"B" 45 1/4"
"C" 52 1/4"
"E" 83 5/8"
"O" 19 3/4" 8 3/4"
"P" 12 1/8"
"R" 81 1/4"
"S" 3/8"
"T" 16°

IS CONSTRUCTION AS PER RULES AND PLANS? *
IS KEEL WEIGHT CERTIFICATE ATTACHED? yes
"SIDE FLATNESS" O.K.
* See letter attached.



October 17, 1964

Mr. Lowell North
1111 Anchorage Lane
San Diego, California

Dear Lowell:

As you know, Star No. 4733 was carefully measured by A. W. Daniels at the request of the Measurement Committee and Governing Committee, and there are still some deviations from design which must be corrected.

You should bring the shape of the bottom of your boat to a true arc from Station 9 aft. If this requires shaving on the outside, appropriate battens should be glued to the inside to bring the hull to required thickness. In addition, it appears that your faring in the way of the keel is too wide. This is a common mistake arising from a misreading of the Specifications. Article XV provides that faring strips may not be more than 12" from outboard edge on one side to outboard edge on the other, but many people have misinterpreted this in careless fashion to mean that the faring strip may not be more than 6" from the edge of the keel.

It is requested that you have this corrective action taken as to bottom shape and faring strips on or before December 31, 1964, and report to me by that time so that steps may be taken to insure that your certificate will be reinstated and in good standing.

Sincerely,

John S. Titterington

cc: Mr. W. W. Parks

I. S. C. ★ Y. R. A.

AWARD OF NUMBER

ROYALTY RECEIPT

— To Be Returned To Applicant —

NOTICE—KEEP THIS RECEIPT. OFFICIAL NUMBER MUST BE CUT OR BURNED INTO UPPER SIDE OF KEELSON IN 3" FIGURES FOR IDENTIFICATION. YACHT CANNOT BE MEASURED UNTIL THIS HAS BEEN DONE. THE ISSUING OF A NUMBER DOES NOT IN ITSELF INDICATE ELIGIBILITY, WHICH ALSO DEPENDS UPON A MEASUREMENT CERTIFICATE AND THE OWNER'S QUALIFICATIONS FOR MEMBERSHIP.

— To Be Filled Out by Executive Secretary of I.S.C. ★ Y.R.A. —

To whom it may concern:—

The builder's royalty (Number tax) has been paid on the yacht hereinafter described.

Builder Eichenlaub Marine....., of 2608 Byron St.
San Diego 6, Calif.
Owner Lowell North....., of 1111 Anchorage Lane
San Diego 6, Calif.

Remarks.....

~~Xold (work completed) X~~

Yacht reported as being built (work started) for above owner.

~~Xold (work completed) X~~

The said yacht has been registered by the I.S.C. ★ Y.R.A. under the

OFFICIAL NUMBER 4 7 3 3.....

This number may be revoked for incorrect information, or other due cause.

Date Apr. 17.....1963.....

[Signature]
Executive Secretary
International Star Class
Yacht Racing Association

NATIONAL STEEL AND SHIPBUILDING COMPANY

HARBOR DRIVE AND TWENTY-EIGHTH STREET

SAN DIEGO 12, CALIFORNIA

BELMONT 9-8061

31655

DATE 3/22/63	WORK ORDER NUMBER 5005	CUSTOMERS ORDER NUMBER	PICK UP XX	PREPAID	COLLECT	AUTHORIZED BY GRIMARD <i>Wes Rale</i>
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• EICHENLAUB YACHT & MARINE
• 2608 BYRON ST.
• SAN DIEGO, CALIFORNIA
•

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QUANTITY	PART NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
1	ea	STARBOAT KEEL 876#		
		THE ABOVE WEIGHT IS CERTIFIED TO BE CORRECT.		
		<i>Wes Rale</i> P.A. GRIMARD		

COPY

RECEIPT OF ABOVE MERCHANDISE IN GOOD
CONDITION IS HEREBY ACKNOWLEDGED

BY:

Ralph

FORM G5

®

CUSTOMER'S COP