

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? 5929 -
2. Was this number cut or burned into keelson as required above? Yes -
3. Yacht's name "Phenix" 4. Year built Hull 1974, Completed 1975
5. By whom built? Anderson's Boat Yard, Sausalito, Cal. -
6. Owner's name James H. Hafterson -
7. Address 3220 N 64th St., Seattle, Wa. -
8. Fleet Puget Sound 9. Remarks Assembled by owner

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the 4th day of June, 1975, 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 June 9, 1975 Signed E. F. Stevens Jr.
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 measured. 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 measurements is affixed to this Certificate.

Date _____ Signed _____ former owner

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Sec. C.

INSTRUCTIONS 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 Sec. 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.

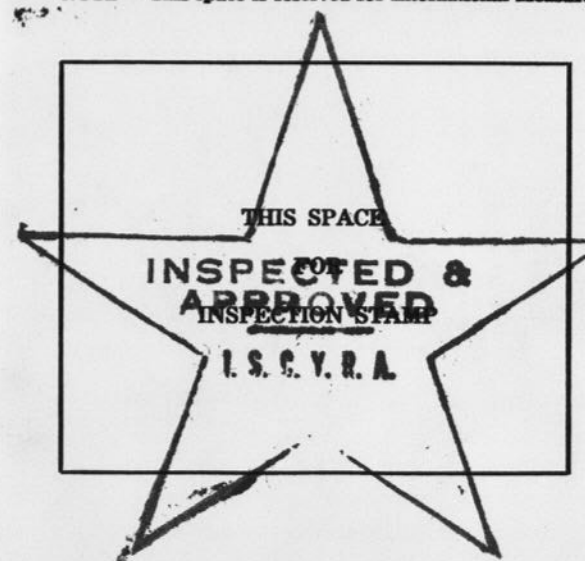
CONDITIONS UNDER WHICH CERTIFICATE OR RENEWAL IS ISSUED

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 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 so long as the owner or owners of the said yacht are members of the International Star Class Yacht Racing Association.

Signed William V. Richard
Chairman International Measurement Committee

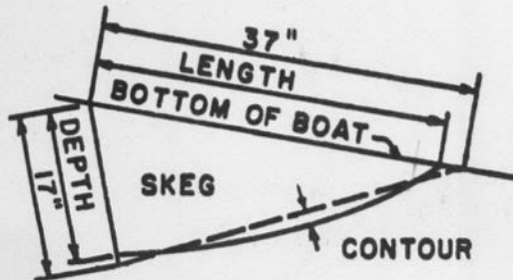
Date 30 June 1975

	HEIGHTS									
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF.	19 ¹ / ₈	13 ⁷ / ₈	9 ⁵ / ₈	6 ¹ / ₂	4 ⁹ / ₁₆	4 ³ / ₁₆	5 ¹ / ₁₆	7 ⁹ / ₁₆	11 ¹ / ₁₆	15 ³ / ₈
CHINE			12 ¹ / ₈				9 ¹ / ₁₆		11 ⁵ / ₁₆	17 ⁷ / ₈
SIDE *	13 ³ / ₄		20 ¹ / ₂				21 ⁵ / ₈		17 ¹¹ / ₁₆	10 ³ / ₁₆
BOTTOM ARC			ok			ok		ok		ok

* MEASURED ALONG SURFACE OF PLANKING

	HALF BREADTHS				
STATIONS	1	3	6	8	STERN
DECK	8 ¹ / ₈	24 ¹ / ₄	33 ³ / ₄	31 ¹ / ₁₆	19 ⁹ / ₁₆
CHINE	3 ³ / ₄	16	26 ¹ / ₂	24 ¹ / ₂	14 ¹ / ₁₆

RUDDER
WIDTH 17 ¹/₂
DEPTH 31
FITS TEMPLATE? ok
TO C. OF POST



SKAG
DEPTH 16 ⁵/₈
CONTOUR 0
LENGTH ALONG CURVE 37

K1	45 ¹ / ₂
K2	48
K3	1 ³ / ₄
K4	53 ¹ / ₄
K5	15 ¹ / ₁₆
K6	30 ¹ / ₈
K7	8 ¹ / ₂
K8	12 ¹ / ₄
K9	31 ¹ / ₄

WEIGHT:
KEEL 889
† HULL 455
YACHT 1510

MOMENT OF INERTIA
TEST RESULT 26
A³ POSITIVE BUOYANCY
Type of Buoyancy
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)

I.S.C.



Y.R.A.

YACHT NO. 5929
L.O.A. 22'-8 ³/₈
MAST FROM B 31' - 9
BOOM LENGTH 14' - 7
JIB STAY FR. B 22'-8 ³/₄ DIA. 3/62
DIMENSION "A" 93"
"B" 46 ¹/₄
"C" 51 ³/₈
"E" 83 ⁷/₁₆
"O" 12
"P" 12
"R" 77 ⁵/₈
"S" 1/8
"T" 15°

IS CONSTRUCTION WOOD
OR FIBERGLASS? FG

IS CONSTRUCTION AS PER
RULES AND PLANS? ok

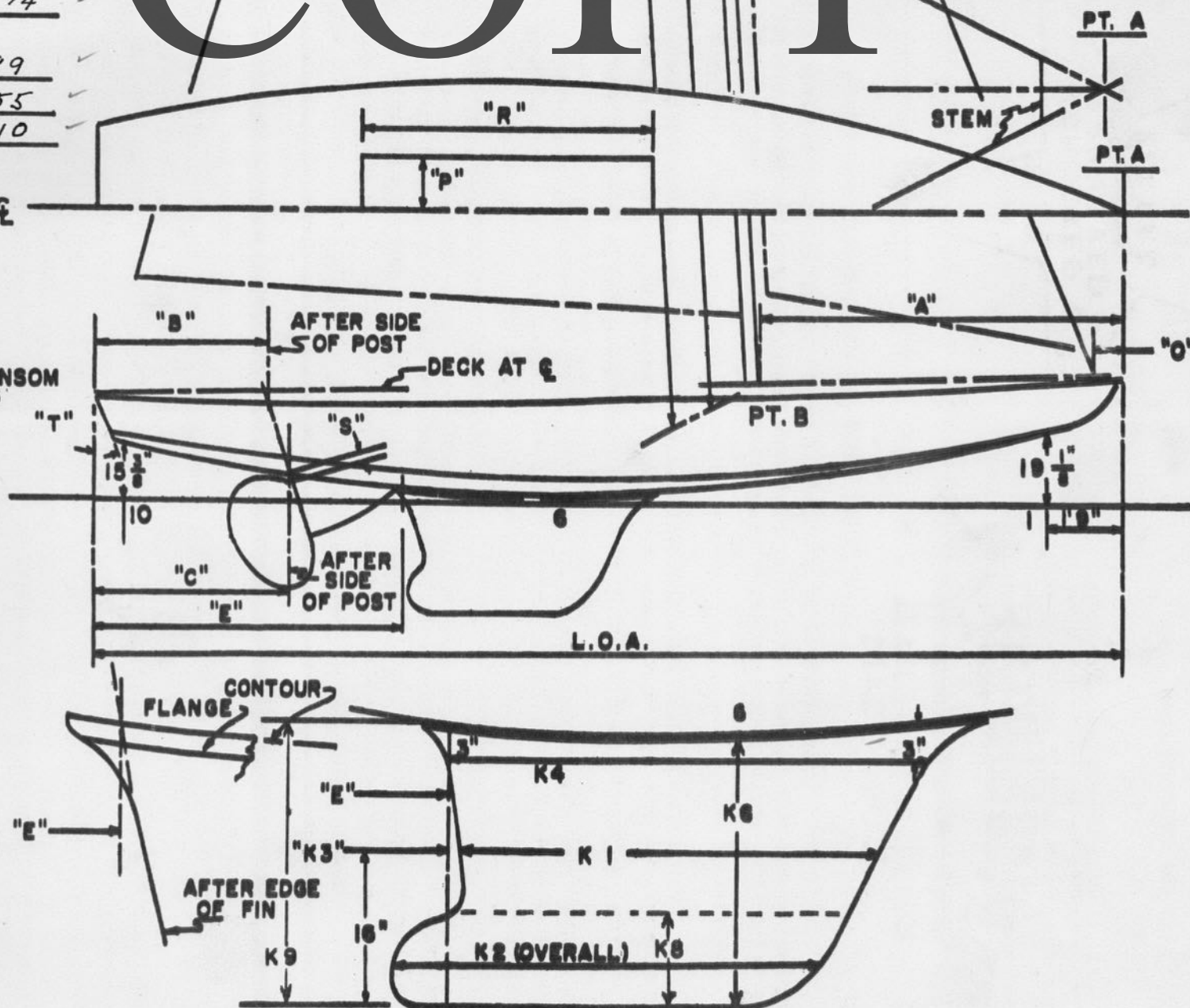
IS KEEL WEIGHT CERTIFICATE
ATTACHED? yes

"SIDE FLATNESS"? ok

STEM FITS TEMPLATE? ok

† For fiberglass
only

ANGLE OF TRANSOM
IN DEGREES



NATIONAL STEEL AND SHIPBUILDING COMPANY

HARBOR DRIVE AND TWENTY-EIGHTH STREET

SAN DIEGO 12, CALIFORNIA

BELMONT 9-8061

MAY 11 1962

16512

DATE	WORK ORDER NUMBER	CUSTOMERS ORDER NUMBER	PICK UP	PREPAID	COLLECT	AUTHORIZED BY
3/26/62	4295		X			P.A. GRIMARD

S
O
L
D
T
O

EICHENLAUB YACHT & MARINE
2608 BYRON STREET
SAN DIEGO, CALIFORNIA

S
H
I
P
T
O

QUANTITY	PART NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
1	EACH	STARBOARD KEEL WEIGHT: 889#		
# 4556 # 5929 (Voerge) COPY WE CERTIFY THE ABOVE WEIGHT TO BE CORRECT P.A. GRIMARD				

RECEIPT OF ABOVE MERCHANDISE IN GOOD
CONDITION IS HEREBY ACKNOWLEDGED

BY:

[Signature]

FORM G5

CUSTOMER'S COPY

Keel Removed from
4556 - and installed on
5929

[Signature]

Cable — ISCYRA Glenview
Telephone 312 - 729-0630

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



1301 Waukegan Road
Glenview, IL 60025 U.S.A.

ENCIRCLES THE GLOBE

International Star Class Yacht Racing Association

Mr. James H. Hafterson
3220 No 64th St.
Seattle, Washington

June 13, 1975

Dear Mr. Hafterson,

We have received the Measurement Certificate on your Star No. 5929. However, you failed to report the Buoyancy information required by Article VII-Flotation on page 169 in your 1975 LOG. The newer Measurement Certificates include the section circled in red on the attached Xeroxed copy. Please fill in the required information and return the form to this office. Your certificate cannot be approved until this information has been recorded.

COPY

*See attached
Reply*

Sincerely yours,

Nancy S. Barnes

Nancy S. Barnes
Corresponding Secretary, ISCYRA

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

JUN 24 1975

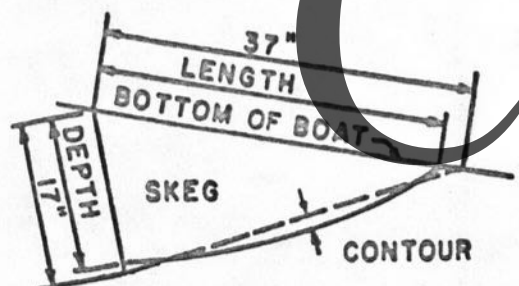
CENTRAL OFFICE

	HEIGHTS									
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF.										
CHINE	X	X	X	X	X	X	X	X	X	X
SIDE *	X	X	X	X	X	X	X	X	X	X
BOTTOM ARC	X	X	X	X	X	X	X	X	X	X

* MEASURED ALONG SURFACE OF PLANKING

	HALF BREADTHS				
STATIONS	1	3	6	8	STERN
DECK					
CHINE					

RUDDER
WIDTH _____ TO Q OF POST
DEPTH _____
FITS TEMPLATE ? _____



SKEG
DEPTH _____
CONTOUR _____
LENGTH ALONG CURVE _____

K1 _____
K2 _____
K3 _____
K4 _____
K5 _____
K6 _____
K7 _____

MOMENT OF INERTIA
TEST RESULT 26 ft^2
COMPARTMENTS
FOAM TYPE OF BUOYANCY
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)

I.S.C.



Y.R.A.

YACHT NO. _____
L.O.A. _____
MAST FROM B _____
BOOM LENGTH _____
JIB STAY FR. B _____ DIA. _____
DIMENSION "A" _____
"B" _____
"C" _____
"E" _____
"O" _____
"P" _____
"R" _____
"S" _____
"T" _____

IS CONSTRUCTION WOOD
OR FIBERGLASS ? _____

IS CONSTRUCTION AS PER
RULES AND PLANS ? _____

IS KEEL WEIGHT CERTIFICATE
ATTACHED ? _____

"SIDE FLATNESS" ? _____

STEM FITS TEMPLATE ? _____

P.T.B. TO TOP OF SNEAVE
P.T.B. TO INTERSECTION