

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE**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 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 John S. Petty
Chairman International Measurement Committee.

Date Nov - 15 1953

Please Cut 3/8" off trailing edge of Rudder -

	1	2	3	4	5	6	7	8	9	10
HEIGHTS										
STATIONS	1	2	3	4	5	6	7	8	9	10
CONTOUR	19 1/8"	14 9/16"	10 1/4"	6 3/4"	4 1/4"	3 5/8"	4 1/2"	7 3/4"	11 5/16"	15 3/8"
CHINE			12 1/8"			8 5/8"		11 7/32"		17 5/16"
SIDE *	14 9/16"		20 1/4"			21 5/32"		17 5/32"		10 23/32"

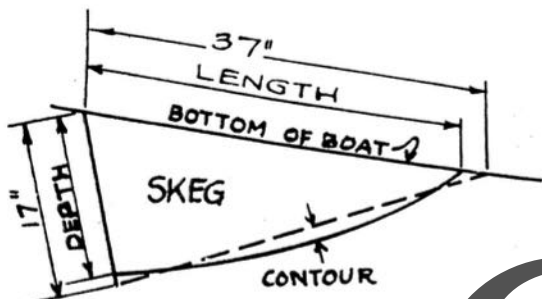
* MEASURED ALONG SURFACE OF PLANKING

	3	6	8	STERN
HALF BREADTHS				
STATIONS	3	6	8	STERN
DECK	23 5/8"	34"	30 5/16"	19 5/16"
CHINE	15 5/32"	27 1/16"	24 13/32"	16 1/8"

RUDDER
WIDTH 18 7/8" TO ϕ OF POST
DEPTH 31 9/16"

SKEG
DEPTH 16"
CONTOUR 1"
LENGTH ALONG CURVE 32 7/8"

IS CONSTRUCTION AS PER
RULES & PLAN? Yes



I.S.C.



Y.R.A.

YACHT NO. 3159

L.O.A. 22'-8 3/4"

MAST FROM B 31'-8 7/8"

BOOM LENGTH 14'-7"

JIB STAY FR. B 22'-5 3/4"

DIMENSION "A" 7'-11 5/16"

"B" 3'-10 7/16"

"C" 4'-2 3/4"

"E" 6'-11 5/8"

"G" 4'-1 3/4"

"K" 2'-5 3/4"

"M" 0'-0 5/16"

"N" 0'-8 3/8"

"O" 0'-8 13/16"

"P" 1'-0"

"R" 6'-7 3/8" *

"S" 0'-0 5/16"

"T" 17°

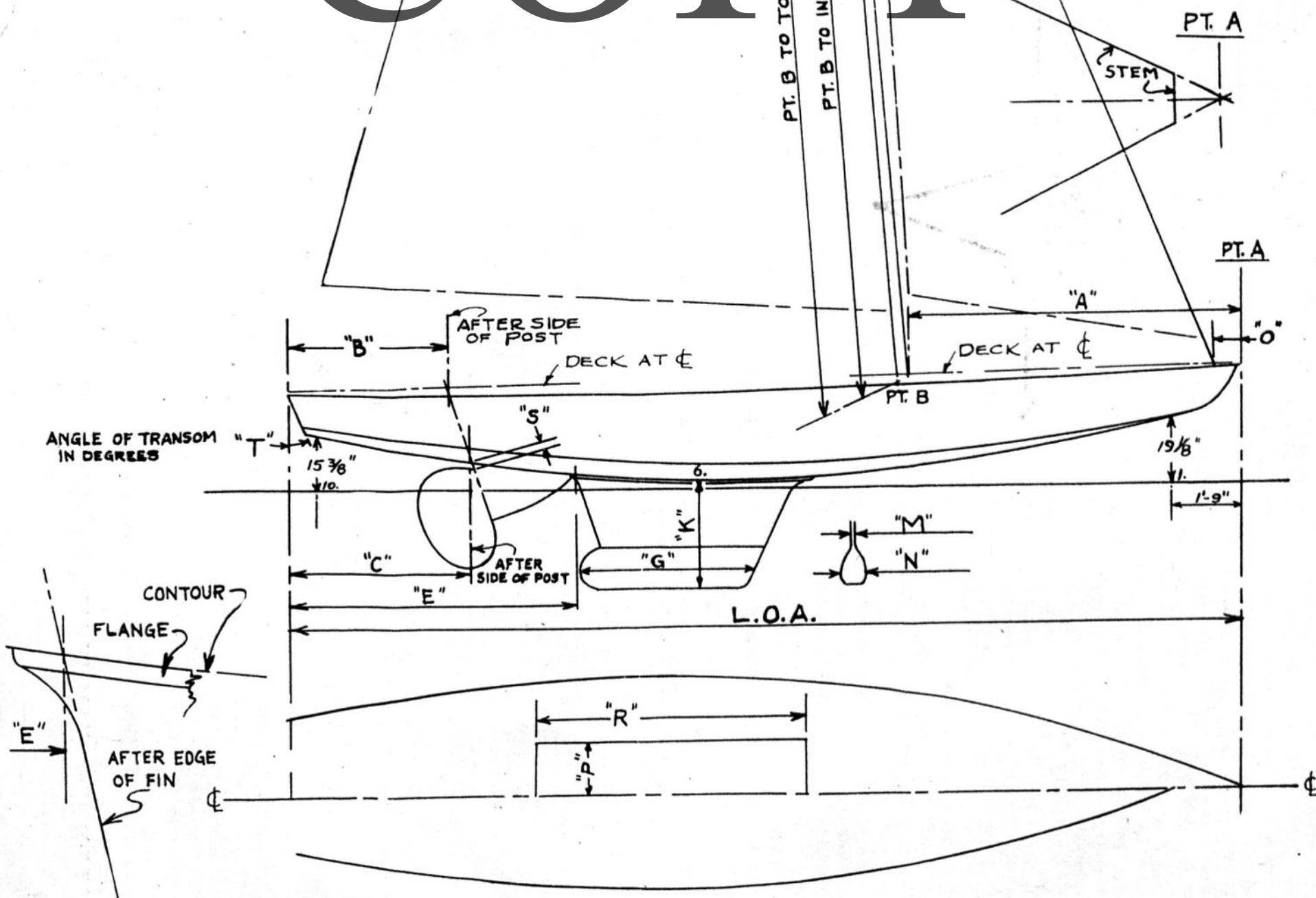
KEEL WEIGHT 896 pounds

IS KEEL WEIGHT CERT.

ATTACHED? Yes

* Cross bar in
cockpit measures
1 7/8" at center

COPY



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, otherwise Measurer is instructed NOT TO MEASURE the yacht.

1. YACHT'S NUMBER? 3159
2. Was this number cut or burned into keelson as required above? This number was cut
3. Yacht's name "JOCA" 4. Year built 1951
5. By whom built? Estaleiros do Iate Clube do Rio de Janeiro
6. Owner's Name CARLOS BETTENCOURT
7. Address Travessa João Afonso n° 64-A-Botafogo-Rio de Janeiro-BRASIL
8. Fleet Rd J-Rio de Janeiro-BRASIL 9. Remarks _____

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the 19th day of July, 1953, 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 October 4, 1953 Signed Signatures delunet (12:00 A-M)
8:00 P.
 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.

WM. P. LAYTHAM & SONS CO.,^{INC.}

Grey Iron & Semi Steel Castings

MARKET & 34TH STREETS

PATERSON 3 · N · J ·

PHONE SHERWOOD 2-9600

Carl M. Bettecourt

DATE *July 22, 1949*

This is to certify that the weight of cast
iron keel for Old Greenwich Boat Works, Old Greenwich,
Conn., c/o Mr. Etchell, is 896 pounds, as shipped
certified by me. Shipping Memo # 1421

COPY

F. Hornby
F. Hornby - Weighmaster

Visto

Superintendent

7/8/53

*Modica Official
on Class 500*

Curt H. Wetzel
Curt H. Wetzel

CÓPIA FOTOSTÁTICA
DA
PHOTO-CÓPIA
Av. Rio Branco, 120-Loja 25
Ed. da As. dos Emp. no Comércio
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22-6342
RIO DE JANEIRO