

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.

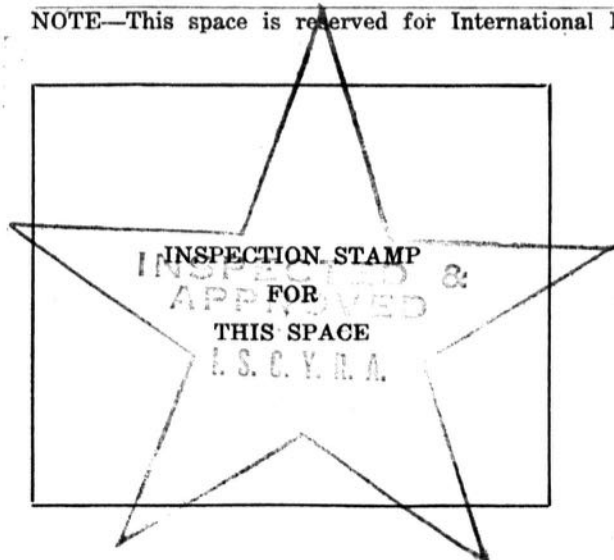
SEC. D.**—CONDITIONS UNDER WHICH CERTIFICATE OR RENEWAL IS ISSUED—**

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 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 John S. Tilling
Chairman International Measurement Committee.

Date Sept 25, 1953

2292

	HEIGHTS									
STATIONS	1.	2	3	4	5	6	7	8	9	10
CONTOUR	19 1/8"	14 1/16"	9 3/8"	5 9/16"	2 15/16"	2 1/8"	3 1/2"	6 9/16"	10 5/16"	15 3/8"
CHINE			11 3/16"			7 9/16"		10 1/16"		17 3/8"
SIDE *	14 5/32"		20 3/8"			21 1/4"		17 1/16"		10 13/32"

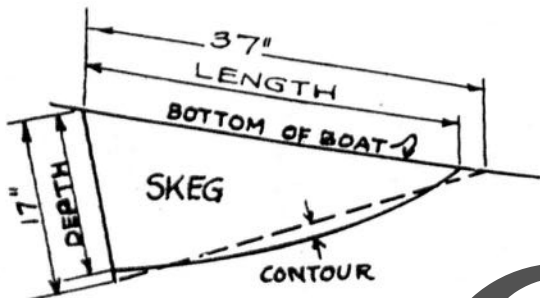
* MEASURED ALONG SURFACE OF PLANKING

	HALF BREADTHS			
STATIONS	3	6	8	STERN
DECK	23 1/2"	34 7/16"	31 21/32"	19 5/16"
CHINE	15 19/32"	27 7/32"	24 5/8"	16"

RUDDER
 WIDTH 18 1/2" TO ϕ OF POST
 DEPTH 31 9/16"

SKEG
 DEPTH 17"
 CONTOUR 7"
 LENGTH ALONG CURVE 33 1/2"

IS CONSTRUCTION AS PER RULES & PLAN? Yes



I.S.C.



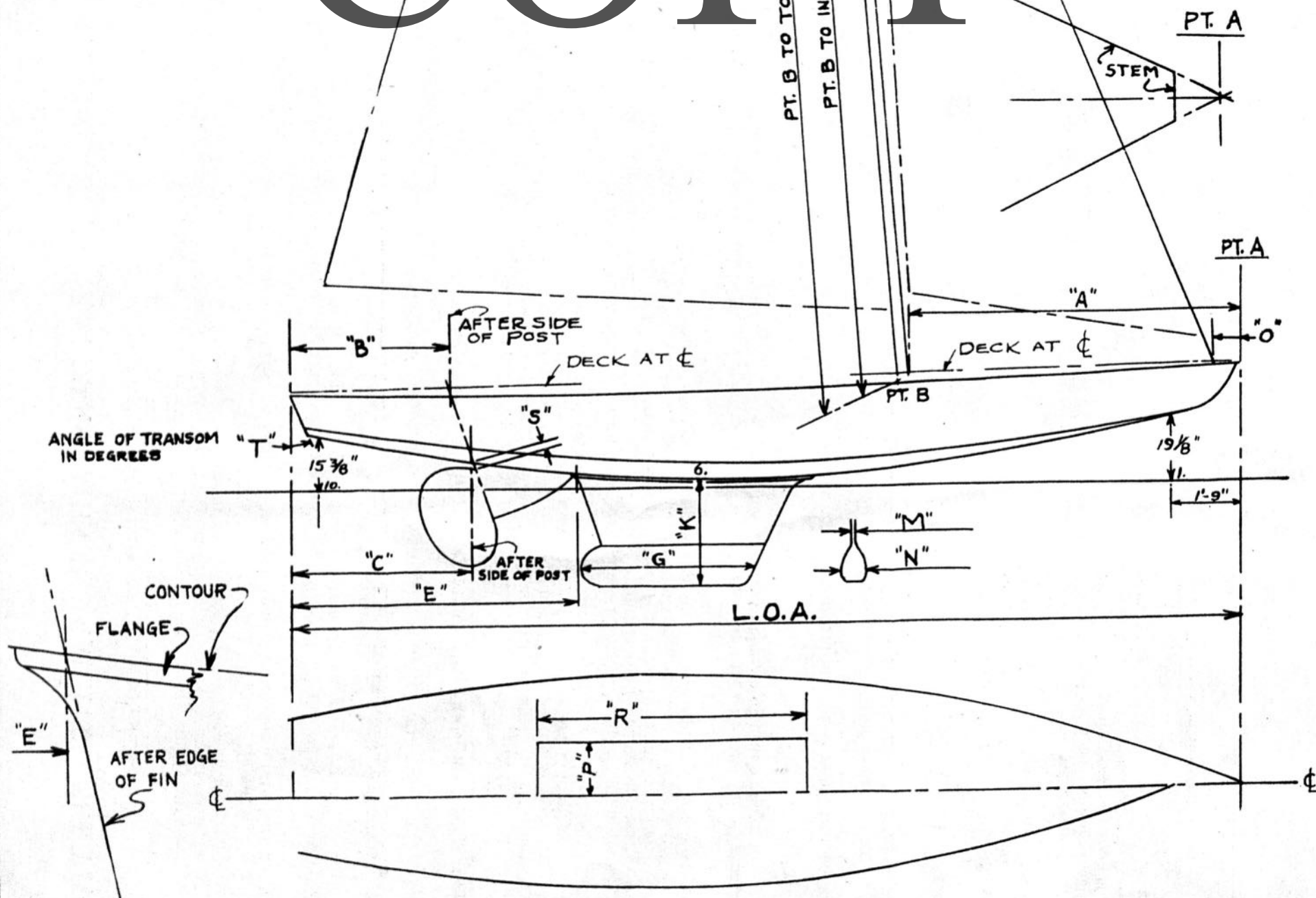
Y.R.A.

YACHT NO. 2292

L.O.A. 22'-8 7/8"
 MAST FROM B 31'-8 3/8"
 BOOM LENGTH 14'-6 13/16"
 JIB STAY FR. B 22'-4 1/2"
 DIMENSION "A" 7'-11 5/32"
 "B" 3'-9 5/8"
 "C" 4'-3"
 "E" 7'-3 5/16"
 "G" 4'-0 3/4"
 "K" 2'-5 1/2"
 "M" 0'-1"
 "N" 0'-8 3/16"
 "O" 0'-9 13/16"
 "P" 0'-11 1/2"
 "R" 6'-4 3/4"
 "S" 0'-0 3/8"
 "T" 19°

KEEL WEIGHT 115 lbs
 IS KEEL WEIGHT CERT. ATTACHED? OK

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? 2292
2. Was this number cut or burned into keelson as required above? This number was cut
3. Yacht's name ""NIRVANA"" 4. Year built 1945
5. By whom built? Estaleiros do Iate Clube do Rio de Janeiro
6. Owner's Name Dr. HUGO BERTA
7. Address Rua 2 de Dezembro n.º 26-apto. 701-Flamengo-Rio de Janeiro-BRASIL
8. Fleet RdJ-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 13th day of September, 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 September 14th 1953 Signed Augustinho Salimib (S.M. 7th R.)
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.

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

Report from International Measurement Committee

Star No. 2292

Owner Dr. Hugo Berta

Builder _____

Measurer _____

The Measurement Certificate for this boat cannot be approved due to the following points which do not comply with the Specifications:

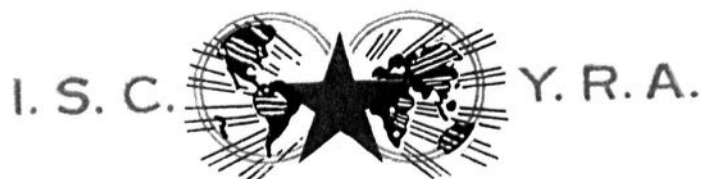
1. gile stay From B = 21'10" (22'3" is minimum)
This is 5" out
2. Dimension K = 2' 4 $\frac{7}{8}$ " (29 $\frac{1}{4}$ is minimum) $\frac{3}{8}$ " under.

Correct 9/25/53
COPY

The following action is suggested as indicated by check marks:

- ☒ The points in question must be remeasured by a Certified Measurer and the results submitted to the Measurement Committee.
- ☒ The points in question must be altered to conform to the Specifications and then remeasured by a Certified Measurer and submitted to the Measurement Committee.
- ☐ The boat must be rebuilt to conform to the Specifications and then completely remeasured by a Certified Measurer.
- ☐ The remeasurement of the points in question shows that this boat does not conform to the Specifications, so that correction is required as indicated above.
- ☐ The points in question must be corrected and a letter submitted to the Measurement Committee stating how, when and by whom the corrections were made. These points are subject to remeasurement at all sanctioned events and by local regatta committees.
- ☐ The Certificates submitted are unsatisfactory for the reasons noted, and complete remeasurement is required.

International Measurement Committee



Associação Internacional de lates de Regatas da Classe Star

INTERNATIONAL STAR CLASS YACHT RACING ASSOCIATION

FLOTILHA DO RIO DE JANEIRO

RIO DE JANEIRO FLEET

Stars

Registrados

1420

1976

2205

2206

2207

2208

2209

2210

2211

2214

2215

2216

2217

2226

2227

2228

2229

2230

2231

2232

2233

2292

2293

2294

2295

2296

2329

2331

2335

2336

2338

2339

2560

2600

2612

2613

2614

2808

2871

3080

3158

3159

3208

3227

3228

2292

OFFICIAL KEEL WEIGHT CERTIFICATE

AS per instructions received, and in accordance with the letter of the International Measurement Committee of January 29th, 1953; I hereby declare that boat number 2292 is one of the boats included in the blanket certification and the keel at present affixed to the boat is the original.

COPY

Rio de Janeiro, July 23rd, 1953

Guy H. Pullen

Rio de Janeiro Fleet Secretary

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 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.

INSPECTION STAMP
FOR
THIS SPACE

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 _____
Chairman International Measurement Committee.

Date _____

	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 1/16"	9 3/8"	5 9/16"	2 5/16"	2 1/8"	3 1/2"	6 9/16"	10 5/16"	15 3/8"
CHINE			11 3/16"			7 9/16"		10 1/16"		17 3/8"
SIDE *	14 5/32"		20 3/8"			21 1/4"		17 1/16"		10 1/32"

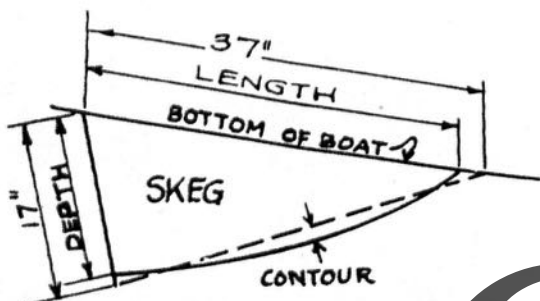
* MEASURED ALONG SURFACE OF PLANKING

	3	6	8	STERN
HALF BREADTHS				
STATIONS	3	6	8	STERN
DECK	23 1/2"	34 7/16"	31 21/32"	19 5/16"
CHINE	15 9/32"	27 7/32"	24 5/8"	16"

RUDDER
 WIDTH 18 1/2" TO ϕ OF POST
 DEPTH 31 9/16"

SKEG
 DEPTH 17"
 CONTOUR 1"
 LENGTH ALONG CURVE 33 1/2"

IS CONSTRUCTION AS PER RULES & PLAN? Yes



I.S.C. ★ Y.R.A.

YACHT NO. 2292

L.O.A. 22'-8 7/8"

MAST FROM B 31'-8 3/8"

BOOM LENGTH 14'-6 13/16"

JIB STAY FR. B 22'-4 1/2"

DIMENSION "A" 7'-11 5/32"

"B" 3'-9 5/8"

"C" 4'-3"

"E" 7'-3 5/16"

"G" 4'-0 3/4"

"K" 2'-5 1/2"

"M" 0'-1"

"N" 0'-8 3/16"

"O" 0'-9 13/16"

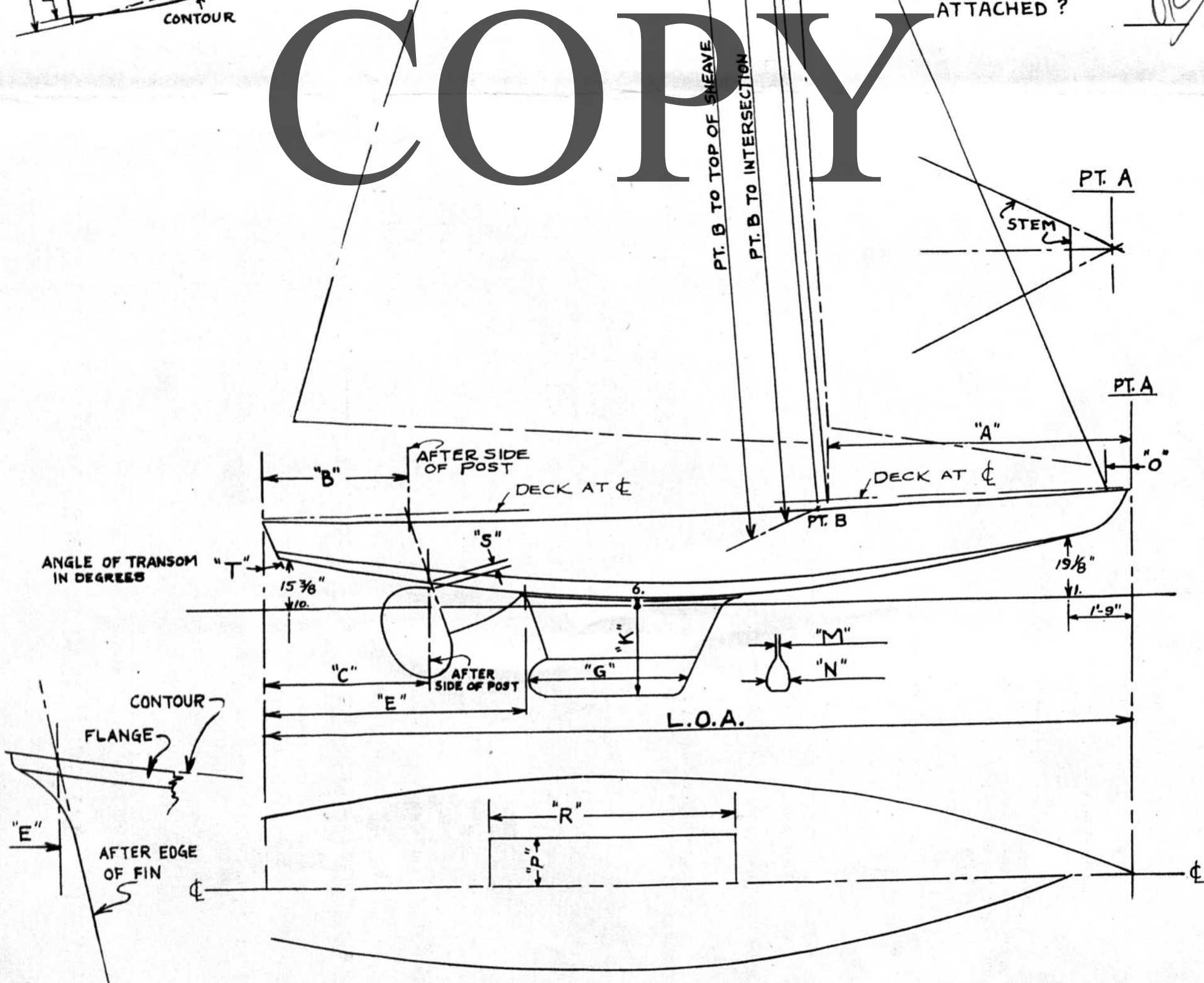
"P" 0'-11 1/2"

"R" 6'-4 3/4"

"S" 0'-0 3/8"

"T" 19°

KEEL WEIGHT 110 lbs
 IS KEEL WEIGHT CERT. ATTACHED? OK



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? 2292
2. Was this number cut or burned into keelson as required above? This number was cut
3. Yacht's name ""NIRVANA"" 4. Year built 1945
5. By whom built? Estaleiros do Iate Clube do Rio de Janeiro
6. Owner's Name DR. HUGO BERTA
7. Address Rua 2 de Dezembro n° 26-apto. 701-Flamengo-Rio de Janeiro-BRASIL
8. Fleet RdJ-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 13th day of September, 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 September 14th 1953 Signed Augusto Barros Salgueiro (S.M. 7:00 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.

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 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.

INSPECTION STAMP
FOR
THIS SPACE

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 _____
Chairman International Measurement Committee.

Date _____

2292

	HEIGHTS									
STATIONS	1	2	3	4	5	6	7	8	9	10
CONTOUR	19 1/8"	14 1/16"	9 3/8"	5 9/16"	2 5/16"	2 1/8"	3 1/2"	6 9/16"	10 5/16"	15 3/8"
CHINE			11 3/16"			7 9/16"		10 1/16"		17 3/8"
SIDE *	14 5/32"		20 3/8"			21 1/4"		17 1/16"		10 13/32"

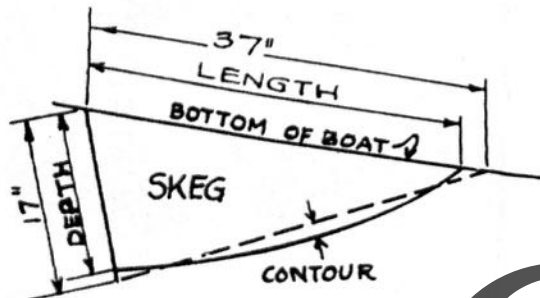
* MEASURED ALONG SURFACE OF PLANKING

	HALF BREADTHS			
STATIONS	3	6	8	STERN
DECK	23 1/2"	34 7/16"	31 21/32"	19 5/16"
CHINE	15 19/32"	27 7/32"	24 5/8"	16"

RUDDER
 WIDTH 18 1/2" TO ϕ OF POST
 DEPTH 31 9/16"

SKEG
 DEPTH 17"
 CONTOUR 1"
 LENGTH ALONG CURVE 33 1/2"

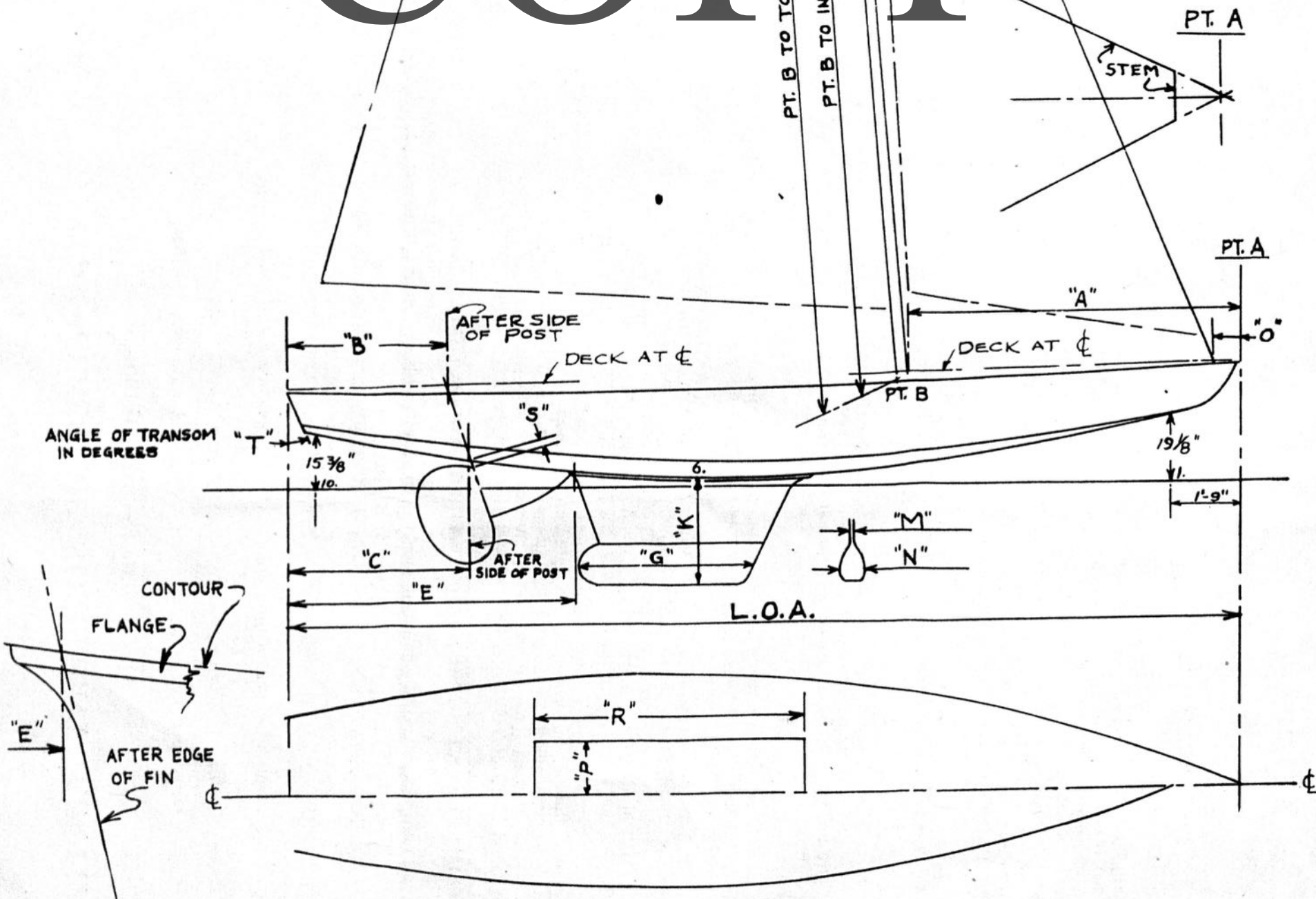
IS CONSTRUCTION AS PER RULES & PLAN? yes



YACHT NO. 2292
 L.O.A. 22'-8 7/8"
 MAST FROM B 31'-8 3/8"
 BOOM LENGTH 14'-6 13/16"
 JIB STAY FR. B 21'-10"
 DIMENSION "A" 7'-11 5/32"
 "B" 3'-9 5/8"
 "C" 4'-3"
 "E" 7'-3 5/16"
 "G" 4'-0 3/4"
 "K" 2'-4 7/8"
 "M" 0'-1"
 "N" 0'-8 3/16"
 "O" 0'-9 13/16"
 "P" 0'-11 1/2"
 "R" 6'-4 3/4"
 "S" 0'-0 3/8"
 "T" 19°

KEEL WEIGHT See letter Jan 29, 1953
 IS KEEL WEIGHT CERT. ATTACHED? OK

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? 2292
2. Was this number cut or burned into keelson as required above? This number was cut
3. Yacht's name ""NIRVANA"" 4. Year built _____
5. By whom built? Estaleiros do Iate Clube do Rio de Janeiro
6. Owner's Name DR. HUGO BERTA
7. Address Rua 2 de Dezembro n.º 26-apto. 701-Flamengo-Rio de Janeiro-BRASIL
8. Fleet RdJ-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 31st day of May, 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 June, 30th 1953 Signed Signature of Measurer (S.M.)
(7.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.