

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

- Yacht's Number 5959
- Number Molded Or Cut Into Keelson? permanently attached
- Yacht Name RELAMPAGO
- Year Built 1976
- Builder GERARD BOAT COMPANY
- Owner FRED E. HAMWARD
- Address 735 VIA HIERBA - SANTA BARBARA - CA. 93110
- Fleet SANTA BARBARA CHANNEL
- Remarks See attachment for source of hull measurements JER

Sec.B. Declarations

1. To Be Signed By Builder:

I Certify that this yacht has been constructed in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print Name WILLIAM F. GERARD
Signed W.F. Gerard Date 28-JUL-77

2. To Be Signed By Outfitter: (If Other Than Builder)

I Certify that this yacht is, to the best of my knowledge, fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print Name _____
Signed _____ Date _____

3. To Be Signed By Certified Star Class Measurer:

I Certify that I have measured the following items on this yacht, that the particulars on this form are correct, and that to the best of my knowledge this yacht complies with the rules of the I.S.C.Y.R.A. at present in force, unless noted in a letter, attached.

Items 1-8 Hull, Rudder, Skeg, Keel

Print Name Joseph E. Knowles, Jr
Signed: Joseph E. Knowles, Jr Date 28 July 1977

Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)

Print Name WILLIAM F. GERARD
Signed: W.F. Gerard Date 28-JUL-1977

4. To Be Signed By Owner When Yacht Is Either Sold Or Structurally Altered.

I Certify that no alterations have been made to this yacht since original date of measurement, unless a rider describing measurements is attached.

Signed _____ Date _____

Sold To: _____ Of _____

Return This Certificate For Renewal - See Sec D.3.

PRINTED IN U.S.A.

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Sec. C.

Instructions To Measurers

- 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.
- 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, and file both copies with International Measurement Committee. In the case when all dimensions are not available, file one copy with I.M.C. and forward one copy to owner who becomes responsible for obtaining completion of measurements.
- Declarations must be signed by the builders and/or outfitters as well as the measurers.
- 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.
- A Certified Measurer cannot measure a yacht in which he owns an interest except under duly appointed and authorized supervision.

Sec. D.

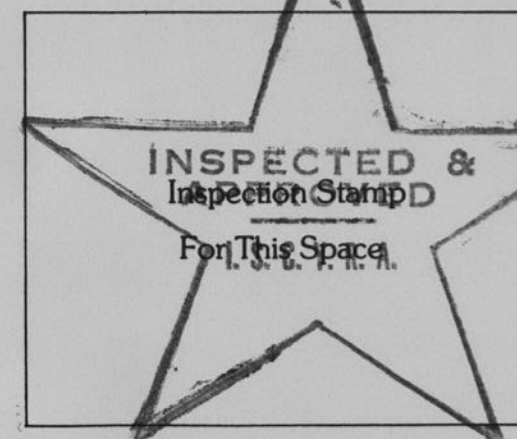
Conditions Under Which Certificate Is Issued

- 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 International Governing Committee of the International Star Class Yacht Racing Association.
- 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 International 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 VI.
- This Certificate should be renewed when yacht is altered or sold. For renewal, send this Certificate and \$5.00 to International Measurement Committee, with notation as to any changes in Section A, or Section E.

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 William V. Richards
Chairman International Measurement Committee.

Date 4 August 1977

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	354	251	176	124	106	133	202	294	390
CHINE			314			232		295		449
SIDE	829		798			749		718		686
BOT.ARC			OK			OK		OK		OK

*MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	611	860	789	498
CHINE	95	408	670	629	416

4 RUDDER FITS TEMPLATE? OK

THICKNESS 25 POST DIA 25

5 SKEG DEPTH 411
" LENGTH 940
" CONTOUR 13

6 KEEL DIMENSIONS

- K1 1156
- K2 1216
- K3 48
- K4 1376
- K5 22
- K6 772
- K7 222
- K8 305
- K9 806

7 WEIGHTS*

KEEL (WITH FINISH) _____
900 lbs
HULL (AS MOLDED) _____
457 lbs

8 BUOYANCY

CONTAINED IN HULL 28
ADDITIONAL CU FT
☐ TANKS
☒ COMPARTMENTS
☐ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

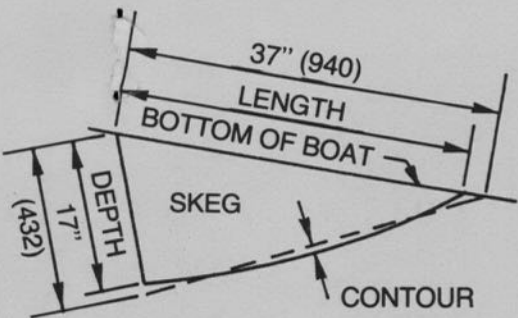
YACHT NO. 5959
WOOD OR G.R.P. GRP
L.O.A. 6931
DIMENSION "A" 2357
" "B" 1183
" "C" 1310
" "E" 2119
" "P" 311
" "R" 1955
" "S" 6
" "T" 17°

CHINE RADIUS OK? OK
STEM RADIUS OK? OK
SIDE FLATNESS OK? OK

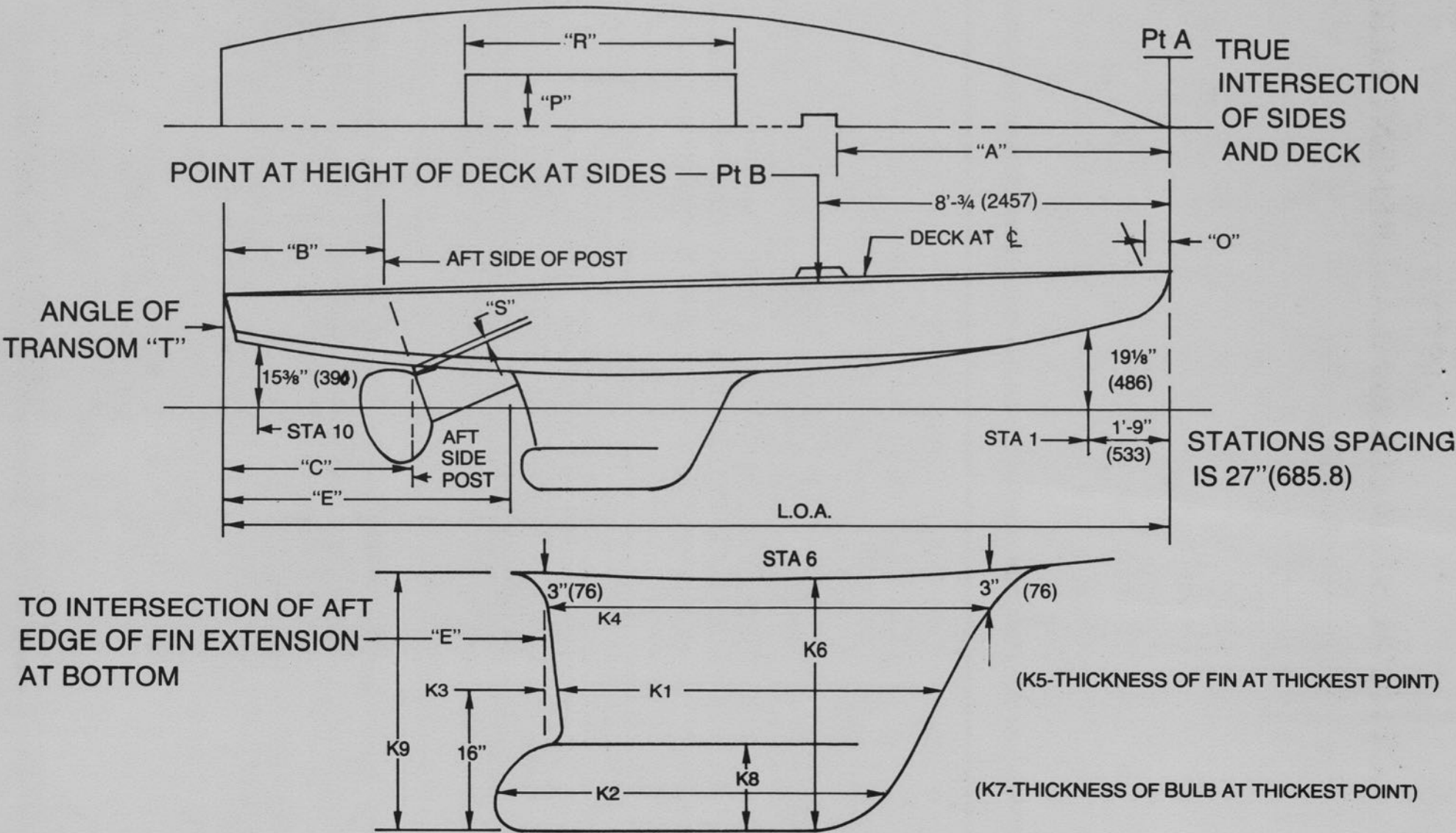
9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND _____
9649
Pt B TO JIB STAY 6912
BOOM LNG 4445
MAST TIP WT. 15.5 lbs
DIMENSION "O" 295
YACHT WEIGHT 1560 lbs
ADDED WEIGHT 0
TOTAL WEIGHT 1560 lbs

COPY



*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? YES



SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	354	251	176	124	106	133	202	294	390
CHINE	X	X	314	X	X	232	X	295	X	449
SIDE	829	X	798	X	X	749	X	718	X	686
BOT.ARC	X	X	OK	X	X	OK	X	OK	X	OK

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	611	860	789	498
CHINE	95	408	670	629	416

7 WEIGHTS*

KEEL (WITH FINISH) _____

HULL (AS MOLDED) _____

4 RUDDER FITS TEMPLATE?

THICKNESS _____ POST DIA _____

5 SKEG DEPTH _____

" LENGTH _____

" CONTOUR _____

6 KEEL DIMENSIONS

K1 _____
K2 _____
K3 _____
K4 _____
K5 _____
K6 _____
K7 _____
K8 _____
K9 _____

Bill Gerard:
I am supplying the above dimensions to apply to # 5959 & # 6004 built by Carl Petersen when he and his molds were located with you. Had I been called to measure these two boats I would have used the above dimensions on a "one design" basis. All other dimensions would be taken individually.

I.S.C. ★ Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

YACHT NO. _____

WOOD OR G.R.P. _____

L.O.A. 6931

DIMENSION "A" _____

" "B" _____

" "C" _____

" "E" _____

" "P" _____

" "R" _____

" "S" _____

" "T" 17°

CHINE RADIUS OK? OK

STEM RADIUS OK? OK

SIDE FLATNESS OK? OK

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND _____

Pt B TO JIB STAY _____

BOOM LNG _____

MAST TIP WT. _____

DIMENSION "O" _____

YACHT WEIGHT _____

ADDED WEIGHT _____

TOTAL WEIGHT _____

Bill Gerard

ional Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No.	<u>GBC-5959-76</u>
	Yacht No.	<u>5959</u>
B	Hull Less Skeg	<u>457</u>
	Hull with Skeg	_____
C	Keel Less Finish	<u>900</u>
	Keel with Finish	_____

I certify that the hull and keel weights shown were measured on a balance scale, or spring scale, or an electric load cell, (underline one) which has been calibrated with in the last year to $\frac{1}{2}$ of 1%.

Builder must fill in at least one item in each of A, B, and C, and sign GERARD BOAT CO

Date July 1977

Signed By: [Signature]
WILLIAM F. GERARD

D	Yacht Weight with Rig	<u>1560</u>
	Added Weight	<u>0</u>
	(Describe type and location)	_____

I certify that the yacht weight shown is measured on a balance scale, or spring scale, or an electric load cell (Underline one) which has been calibrated within the last year to $\frac{1}{2}$ of 1%. Builder, Outfitter or Owner must sign GERARD BOAT CO.

Date 28-JUL-77

Signed By: [Signature]
WILLIAM F. GERARD