

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. C.

Instructions To 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, 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.
3. Declarations must be signed by the builders and/or outfitters as well as the measurers.
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.

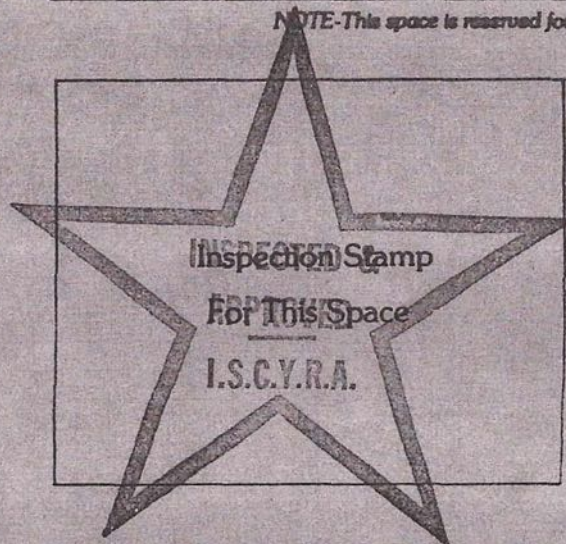
Conditions Under Which Certificate Is Issued

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 International 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 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.
3. This Certificate should be renewed when yacht is altered or sold. For renewal, send this Certificate and \$10.00 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

1983-01-23

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	355	248	169	118	105	134	196	283	390
CHINE			312			229		294		456
SIDE	821		790			747		720		692
BOT.ARC			OK			OK		OK		OK

*MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	199	611	856	789	493
CHINE	92	405	673	628	408

7 WEIGHTS*

KEEL (WITH FINISH) _____

872 lbs

HULL (AS MOLDED) _____

430 lbs

4 RUDDER FITS TEMPLATE? OKTHICKNESS 28 POST DIA 255 SKEG DEPTH 425

" LENGTH _____

" CONTOUR 8

6 KEEL DIMENSIONS

K1	1147	K 10	916
K2	1212	K 11	85
K3	36	K 12	84
K4	1368	K 13	67
K5	25	K 14	290
K6	769		
K7	221		
K8	297		
K9	807		

8 BUOYANCY

CONTAINED IN HULL *

ADDITIONAL 32.8 Cu Ft☐ TANKS☒ COMPARTMENTS☐ CLOSED CELL FOAM

* See builder's certificate attached

I.S.C. ★ Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

YACHT NO. 6859WOOD OR G.R.P. GRPL.O.A. 6935DIMENSION "A" 4552" "B" 1186" "C" 1299" "E" 2126" "P" 307" "R" 1963" "S" 6" "T" 16°CHINE RADIUS OK? yesSTEM RADIUS OK? yesSIDE FLATNESS OK? yes

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9654Pt B TO JIB STAY 6914BOOM LNG 15.5/62MAST TIP WT. 4445DIMENSION "O" 6619YACHT WEIGHT 1468/65ADDED WEIGHT 12/65TOTAL WEIGHT 1480/65

Technical drawing of a ship's hull cross-section, showing various dimensions and stations. The drawing includes a large "COPY" watermark.

Dimensions and Labels:

- "R"**: Radius of the upper hull curve.
- "P"**: Vertical distance from the deck to the upper hull curve.
- Pt A**: TRUE INTERSECTION OF SIDES AND DECK.
- "A"**: Horizontal distance from the aft side of the post to Pt A.
- Pt B**: POINT AT HEIGHT OF DECK AT SIDES.
- "B"**: Horizontal distance from the aft side of the post to Pt B.
- AFT SIDE OF POST**: Vertical line indicating the aft side of the post.
- DECK AT $\frac{1}{2}$** : Horizontal line indicating the deck at the centerline.
- "O"**: Horizontal distance from the aft side of the post to the centerline.
- ANGLE OF TRANSOM "T"**: Angle of the transom.
- 15 1/8" (390)**: Vertical distance from the aft side of the post to the transom.
- STA 10**: Station 10.
- "C"**: Horizontal distance from the aft side of the post to the transom.
- "E"**: Horizontal distance from the aft side of the post to the transom.
- AFT SIDE POST**: Vertical line indicating the aft side of the post.
- 19 1/8" (486)**: Vertical distance from the aft side of the post to the transom.
- 1'-9" (533)**: Vertical distance from the aft side of the post to the transom.
- STATIONS SPACING IS 27" (685.8)**: Spacing between stations.
- LO.A.**: Length Overall.
- STA 6**: Station 6.
- 3" (76)**: Thickness of the fin extension at the bottom.
- "E"**: Horizontal distance from the aft side of the post to the transom.
- K4**: Thickness of the fin extension at the bottom.
- K6**: Thickness of the fin extension at the bottom.
- K1**: Thickness of the fin extension at the bottom.
- K3**: Thickness of the fin extension at the bottom.
- K9**: Thickness of the fin extension at the bottom.
- 18"**: Thickness of the fin extension at the bottom.
- K2**: Thickness of the fin extension at the bottom.
- K8**: Thickness of the fin extension at the bottom.
- (K5-THICKNESS OF FIN AT THICKEST POINT)**: Thickness of the fin at the thickest point.
- (K7-THICKNESS OF BULB AT THICKEST POINT)**: Thickness of the bulb at the thickest point.

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6859
2. Number Molded Or Cut Into Keelson? permanently attached
3. Yacht Name SAGITTARIUS
4. Year Built 1982
5. Builder Gerard Boat Co
6. Owner Curtis L. Ivey, Jr
7. Address 132 Rowayton Dr., Norwalk CT 06854
8. Fleet L.S.
9. Remarks _____

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 GERARD BOAT COMPANY
Signed [Signature] Date Dec 31, 1982

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 SAME
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 Knowles
Signed [Signature] Date 31 Dec 82

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

Print Name Joseph Knowles
Signed [Signature] Date 31 Dec 82

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.

Sepe issued
8-18-88

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 6859
2. Builder GERARD BOAT CO
3. Year Built 1982
4. Builder's Hull Number GBV 04341282
5. Material of Construction GRP
6. Type and location of characters used to install yacht number in hull PERMANENTLY ATTACHED
7. Yacht Name SERENDIPITY
8. Owner PETER C. LOOMIS 121110
9. Address 8111 VERBECK DR, MANHUS, NY 13104
10. Fleet CAY
11. Remarks _____

SEC. B. DECLARATIONS:

1. I certify that I have measured items I through VI under hull measurements and K1 through K14 under keel measurements on page two of this certificate and have entered the data, the information is correct and complies with I.S.C.Y.R.A. rules.

Print name JOSEPH KNOWLES

Signed JOSEPH KNOWLES Date 31 DEC 82
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the I.S.C.Y.R.A., and that the keel conforms to the approved keel plan. I have completed item VII, Buoyancy, on page two under Hull Measurements.

Print name GERARD BOAT COMPANY

Signed Wm. GERARD Date DEC 31, 1982
(Builder)

3. I certify that this yacht has been fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name _____

Signed _____ Date _____
(Outfitter)

4. TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES

I certify that no alterations have been made on this yacht that would affect the measurements recorded on page two of this document.

Print name _____

Signed _____ Date _____
(Owner)

5. TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT

I certify that I have inspected the changes outlined in the attached plan covering the structural alterations made on this yacht and find them to be in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name _____

Signed _____ Date _____
(Certified Star Class Measurer)

Owner: CURTIS L. IVEY, JR.

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No.	<u>GBV 04 34 1282</u>
	Yacht No.	<u>6859</u>
B	Hull Less Skeg	<u>—</u>
	Hull with Skeg	<u>430 lbs</u>
C	Keel Less Finish	<u>—</u>
	Keel with Finish	<u>872 lbs</u>

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 within 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 COMPANY

Date: JAN 7, 1983

Signed: [Signature]

D	Yacht Weight with Rig	<u>1468 lbs</u>
	Added Weight	<u>12 lbs</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.)

Date: JAN 7, 1983

Signed: [Signature]

I.S.C. ★ Y.R.A.
YACHT WEIGHT CERTIFICATE



Yacht Number: 6859

Owner PETEN LOOMIS 1211110

Address 8111 VER BECK DR.

MANLIUS

N.Y. 1310P

Fleet CAY

I Certify that I have weighed the above yacht, according to the Rules of the I.S.C.Y.R.A., and find that

COPY

00.00 KG

is required to bring the total weight to the required minimum. This amount of weight has been properly installed, and I have applied official seals to it.

Certified Weighmaster:

Signature [Signature]

Print name JOHN MACCAUSLAND

My term expires 1990

I.S.C.Y.R.A. File No:

6859

REC'D JUL 14 1989

1519

321 E. HALEY ST. SANTA BARBARA, CALIFORNIA 93101 PHONE (805)9621377

GERARD BOAT CO.

FLOTATION

I certify that Star Class Hull No. ^{#6859}GBV 04341282
contains 32.8 cubic feet of 4.5 lb./
cubic feet density closed cell foam in the uniform
structure of the hull including deck.

COPY


GERARD BOAT COMPANY

JAN 7, 1983
DATE

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

Buoyancy Test Certificate

6859

Reference: Specifications, Article VII

THIS CERTIFICATE IS VALID FOR THIS YACHT AND THIS OWNER ONLY

THIS CERTIFICATE IS NOT TRANSFERABLE TO ANOTHER OWNER

EVERY YACHT OWNER MUST TEST HIS OWN YACHT

INSTRUCTIONS:

1. Each Star Class Yacht must pass the prescribed buoyancy test which must be conducted by the owner and shall be witnessed by a Fleet or Class Officer or Certified Star Measurer.
2. Yacht with crew, rig and all normal racing equipment, except sails, shall be swamped on a hoist. Boat shall remain afloat, with slack hoist and slack mooring lines, for 10 minutes. (See the LOG for suggested guidelines for conducting the test.)
3. Complete Certification in duplicate. **Witness sends one copy to I.S.C.Y.R.A.**, 1545 Waukegan Road, Glenview, IL 60025 U.S.A.; owner shall retain other copy.
4. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

COPY

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

AUG 3 1988

CENTRAL OFFICE

5. I conducted a test for this yacht in accordance with the above instructions.

Peter C. Loomis

Owner's Name

Peter C. Loomis

Owner or Representative's Signature

7/24/88

Date

I attended the above test and acknowledge that the yacht named floated for 10 minutes following the instructions above. I further certify that the yacht at the time of the test contained only the additional flotation equipment described in Paragraph 4 above.

G. WERNER HOLZRE
CAPT. FLEET CAPTAIN

Witness's Name and Title

G. Werner Holzre

Witness' Signature

7-24-88

Date

ONE COPY OF THIS FORM MUST BE ON FILE IN THE CENTRAL OFFICE TO BE VALID