

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6867
2. Number Molded Or Cut Into Keelson? permanently attached
3. Yacht Name _____
4. Year Built 1983
5. Builder Gerard Boat Co.
6. Owner Bengt Hellsten
7. Address 21500 Calle del Barco, Natick, Ca 90265
8. Fleet _____
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 2-21-83

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 Knowles

Signed: [Signature] Date 21 Feb 83

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

Print Name Joseph Knowles

Signed: [Signature] Date 21 Feb 83

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.

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) 870/lbs

HULL (AS MOLDED) 425/lbs

4 RUDDER FITS TEMPLATE? yes

THICKNESS 29 POST DIA 25

5 SKEG DEPTH 425

" LENGTH -

" CONTOUR 4

6 KEEL DIMENSIONS

K1	1151	K10	925
K2	1220	K11	84
K3	32	K12	82
K4	1374	K13	65
K5	23	K14	296
K6	773		
K7	222		
K8	302		
K9	812		

1 HULL MEASUREMENTS

YACHT NO. 6867

WOOD OR G.R.P. G.R.P.

L.O.A. 6935

DIMENSION "A" 4599

" "B" 1193

" "C" 1280

" "E" 2125

" "P" 307

" "R" 1963

" "S" 9

" "T" 16°

CHINE RADIUS OK? yes

STEM RADIUS OK? yes

SIDE FLATNESS OK? yes

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9652 / 9652

Pt B TO JIB STAY 6907 / 6907

BOOM LNG 4445 / 4445

MAST TIP WT. 15.5/lbs / 15.5/lbs

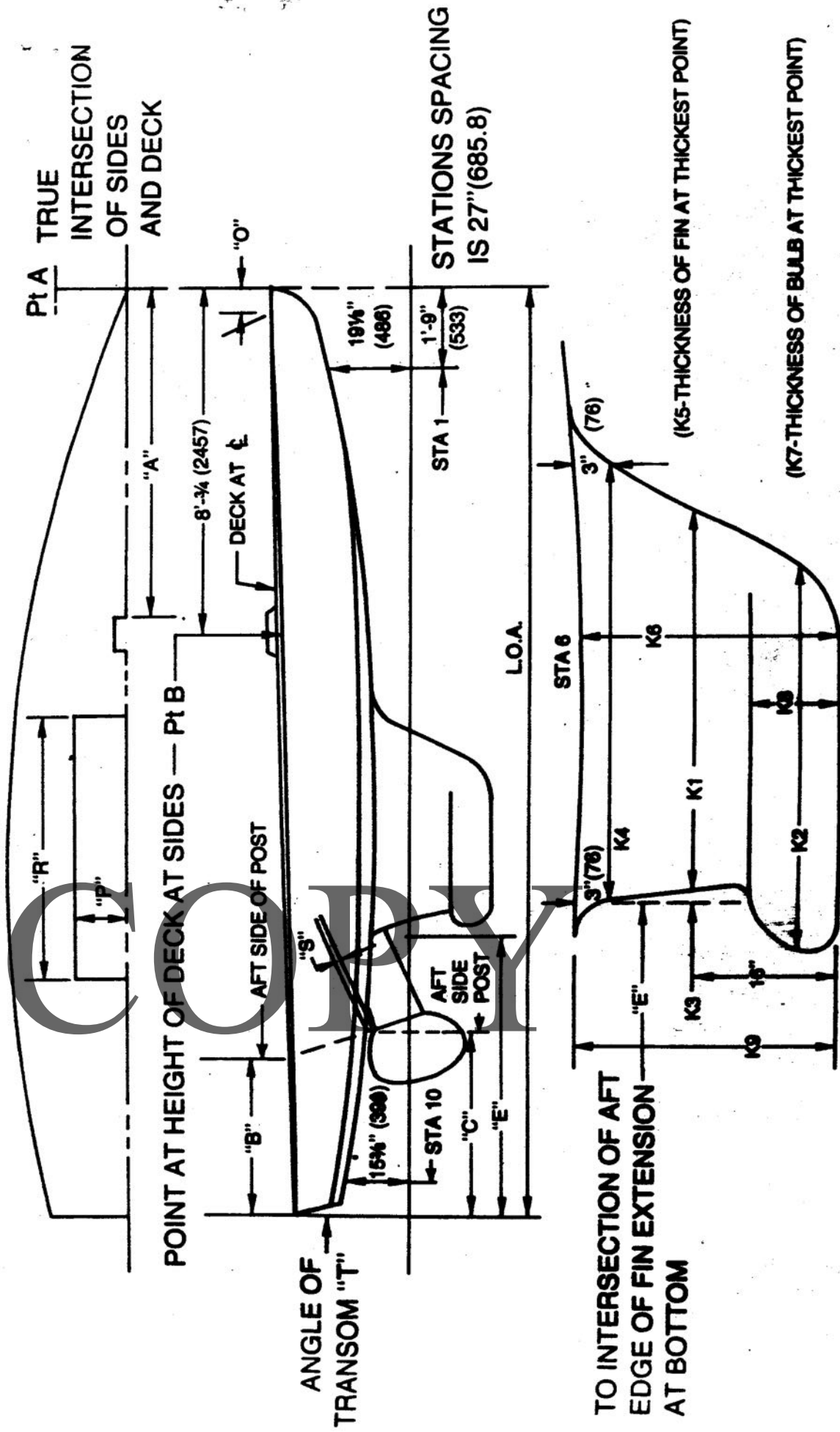
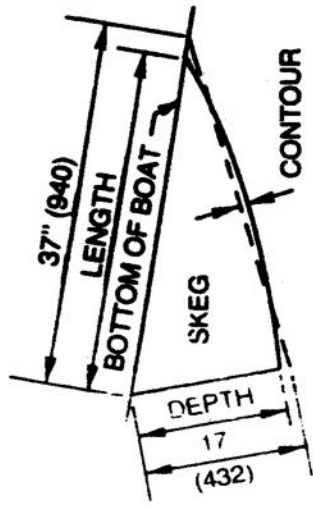
DIMENSION "O" 6630 - 6660

YACHT WEIGHT 1465/lbs

ADDED WEIGHT 15/lbs

TOTAL WEIGHT 1480/lbs

yes



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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 1983-03-04

FLOTATION

I certify that Star Class Hull No. 6867
contains 12.8 cubic feet of 4.5 lb./
cubic feet density closed cell foam in the uniform
structure of the hull including deck.


GERARD BOAT COMPANY

2-21-83
DATE

COPY

Owner: BENGT HELLSTEN

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No.	_____
	Yacht No.	<u>6867</u>
B	Hull Less Skeg	_____
	Hull with Skeg	<u>425/lbs</u>
C	Keel Less Finish	_____
	Keel with Finish	<u>870/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: 2-21-83 Signed: [Signature]

D	Yacht Weight with Rig	<u>1465/lbs</u>
	Added Weight	<u>15/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: 2-21-83 Signed: [Signature]

BTC 1981

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

MAR 28 1983

CENTRAL OFFICE

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

Buoyancy Test Certificate

This Certificate Expires Two Years From Today On 2/25/85, 1985

For Owner of Yacht No. 68 ~~68~~ 67 am

Owner's Name BENGT HELSTEN

Date of Buoyancy Test 2/25/83

Instructions:

1. Each Star Class Yacht must pass the prescribed buoyancy test every two years.
2. Test must be conducted by owner or his representative and shall be witnessed by a Fleet or Class Officer, or Certified Star Measurer.
3. 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.)
4. Complete Certificate in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Rd., Glenview, IL 60025, U.S.A., owner shall retain other copy.**
5. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

COPY

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

BENGT HELSTEN
Owner's Name

[Signature]
Owner or Representative's Signature

2/25/83
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 5 above.

Ben Mitchell L.A. Fleet Sec.
Witness' Name and Title

[Signature]
Witness' Signature

3/16/83
Date

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

6867