

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 and checked against award of number royalty receipt (Form R-2), otherwise Measurer is instructed NOT TO MEASURE the yacht.

1. YACHT'S NUMBER? 5831
2. Was this number cut or burned into keelson as required above? Drilled in Mast Step
3. Yacht's name "Swingin Star" 4. Year built 1973
5. By whom built? Performance Sailcraft
6. Owner's name Don Trask
7. Address 136 Bonita Ave, Piedmont, Calif.
8. Fleet W.S.F.B. 9. Remarks Equipped with Flootation Bags (Built Before Jan 1, 1974)

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the 25 day of October, 1974, 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 29, 1974 Signed [Signature]
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 measured. 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 measurements is affixed to this Certificate.

Date _____ Signed _____ former owner

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Sec. C.

INSTRUCTIONS 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 Sec. 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.

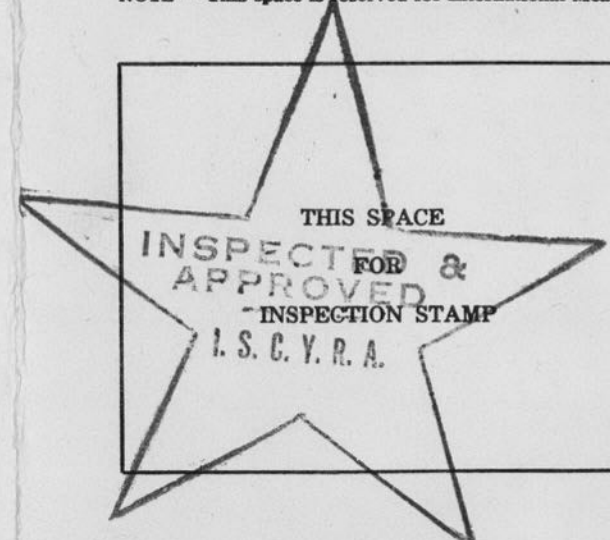
CONDITIONS UNDER WHICH CERTIFICATE OR RENEWAL IS ISSUED

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 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

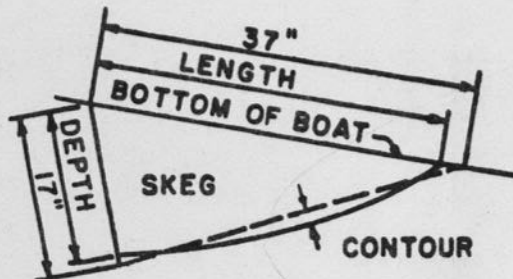
Date 8 November 1974

	1	2	3	4	5	6	7	8	9	10
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF.	19 1/8	14	9 7/8	6 3/4	4 7/8	4 3/4	5 1/4	7 1/4	11 1/8	15 3/8
CHINE			12 1/2			9 1/8		11 5/8		17 1/2
SIDE *	13 3/4		20 7/8			21 1/4		12 3/8		10 1/8
BOTTOM ARC			OK			OK		OK		OK

* MEASURED ALONG SURFACE OF PLANKING

	1	3	6	8	STERN
STATIONS	1	3	6	8	STERN
DECK	8 1/8	24 1/8	33 13/16	31	19 9/16
CHINE	3 3/4	16 1/8	26 7/8	24 13/16	16 1/8

RUDDER
WIDTH 17 7/8 TO ϵ OF POST
DEPTH 31 7/8
FITS TEMPLATE? yes



SKAG
DEPTH 17"
CONTOUR 1"
LENGTH ALONG CURVE 31"

K1 45 1/16
K2 47 3/4
K3 1 7/8
K4 54 1/16
K5 1"
K6 30 1/2
K7 8 1/4
K8 12 1/4
K9 31 3/4

WEIGHT:
KEEL 874
† HULL 405
YACHT 1480

† For fiberglass only

Including 50 # of added lead weight

ANGLE OF TRANSOM IN DEGREES

MOMENT OF INERTIA

TEST RESULT 45 1/16 #-ft²

45 1/16 Positive Buoyancy

TYPE OF BUOYANCY

(SEALED COMPARTMENTS, TANKS, OR CLOSED CELL FOAM.)

I.S.C.



Y.R.A.

YACHT NO. 5831
L.O.A. 22-9
MAST FROM B 31-8
BOOM LENGTH 14-7
JIB STAY FR. B 22-9 DIA. 3/32
DIMENSION "A" 44 1/2
"B" 46 13/16
"C" 52 5/16
"E" 84 5/16
"O" 10 1/2
"P" 12
"R" 77 3/4
"S" 1/16
"T" 15°

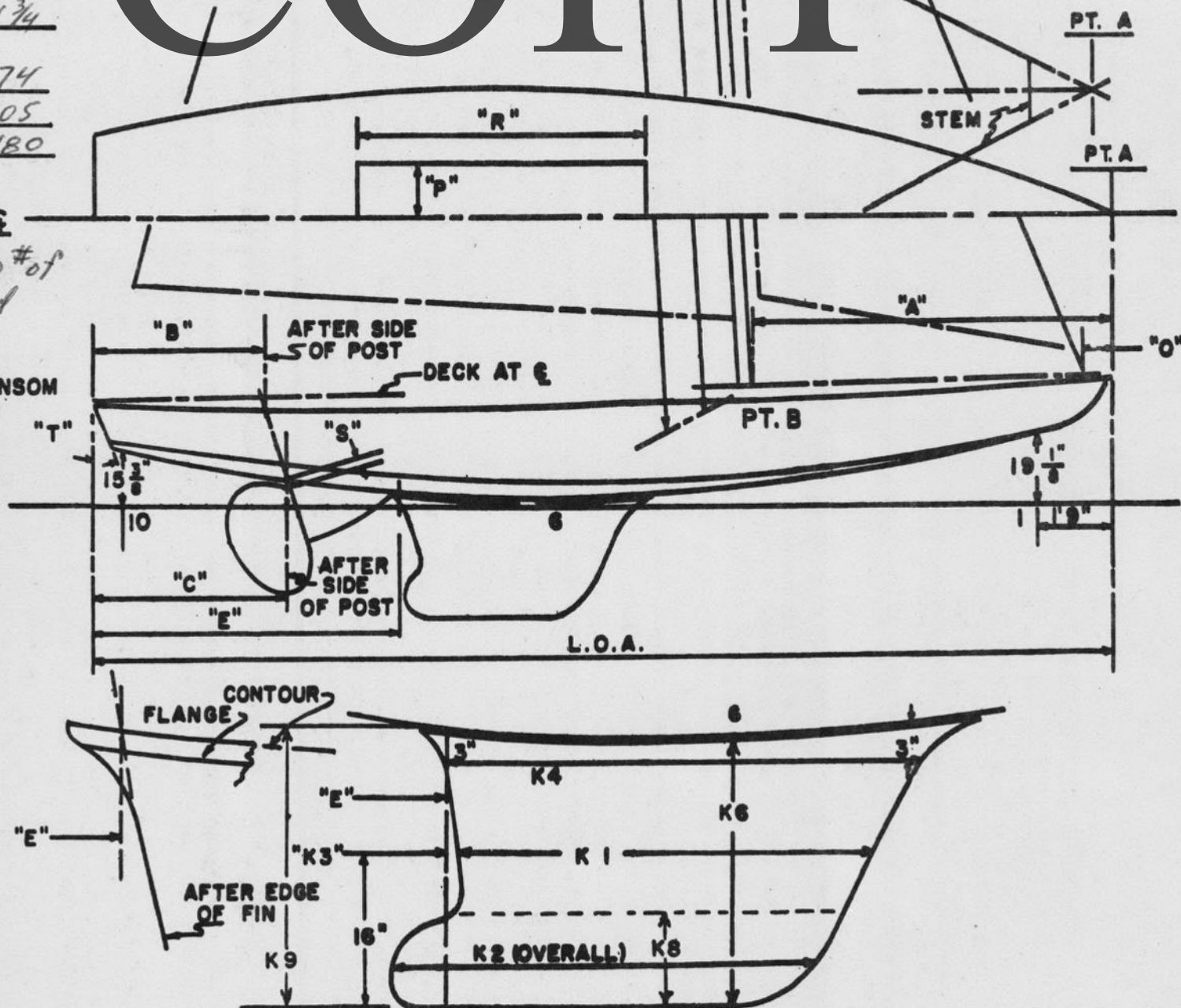
IS CONSTRUCTION WOOD OR FIBERGLASS? Glass

IS CONSTRUCTION AS PER RULES AND PLANS? yes

IS KEEL WEIGHT CERTIFICATE ATTACHED? yes

"SIDE FLATNESS"? OK

STEM FITS TEMPLATE? OK



Mainland

FOUNDRY & ENGINEERING LTD.



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SOLD TO

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33 Duffy Place
San Rafael California
94901

CUST. ORDER NO.

P.G. REQ. NO.

FED. LIC. NO.

PROV. LIC. NO.

SALESMAN

DATE

INVOICE NO.

Dr

March 30/73

2162

X

COPY

203

3

only C I Keels

1 off 883 #

1 off 874 #

1 off 886 #

USED ON BOAT #5793
Duty, Freight & Brokerage
Collect:

343⁰⁰ on

1029⁰⁰

US Funds.

pd
7/14/73

#1154

INTEREST CHARGED ON OVERDUE ACCOUNTS
- MINIMUM OF \$2.00 PER MONTH -

NO GOODS RETURNED WITHOUT
OUR PERMISSION

4

11288 Idylberry Road
San Rafael, CA 94903
October 29, 1974

I.S.C.Y.R.A.
1301 Waukegan Road
Glenview, Illinois 60025

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

NOV 4 - 1974

CENTRAL OFFICE

Attn: Measurement Committee

I certify that I personally weighed Star # 5831 on October 26, 1974. The scale used has been laboratory calibrated.

Weight of complete yacht was found to be 1430 pounds. 50 pounds of lead weight was added per specifications to bring weight to the presently required weight of 1480 pounds.

R. Eldridge
COPY
Roger Eldridge,
Measurer

Permanized
PLOVER BOND
12.5% COTTON FIBER
U.S.A.

32 (12/71)



SHIPPER NO.
CARRIER NO.
DATE 2-11-77

[illegible]

\$ _____ per _____

(Signature of Consignor)

TOTAL CHARGES

FREIGHT PREPAID
except when
box at right
is checked

☐ to be collected

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER		CARRIER	
NAME <i>Robert Higgins</i>		NAME CONSOLIDATED FREIGHTWAYS	
AUTHORIZED SIGNATURE		AUTHORIZED SIGNATURE	
		DATE	

File
5831

1288 Idylberry Rd.
San Rafael, CA 94903
March 24, 1977

I. S. C. Y. R. A.
MAR 28 1977
CENTRAL OFFICE

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

5831

Don Trask

Measurement Committee — URGENT!

1545 Waukegan Road
Glenview, Ill 60025

Dear Bill.

I believe that Don Trask spoke to you about the installation of a new keel on 5831 and received a general OK on the shape concept involved.

Installation has been completed and I have taken new measurements as follows:

K-1	45" ✓	K-7	8" ✓
K-2	48" ✓	K-8	11 1/2" ✓
K-3	1 3/8" ✓	K-9	31 3/4" ✓
K-4	54 1/2" ✓	E	83 9/16" ✓
K-5	1" ✓		
K-6	30 3/8" ✓		

OK
W. Richards
31 March 77

The headstay has been moved and O is now 12 3/4" ✓

Total yacht weight was 1480 including 50# added weight

Weight now = 1480 - 50 - 874 (old keel) + 890 (new keel)
+ 34 (Added weight) = 1480# ✓

A scale was not available to check this calculation.
Suggest that yacht be weighed at next major regatta and results forwarded to you (Certified by regatta measurer).

cc: Don Trask

Cordially
Roger Eldridge

1288 Idylberry Road
San Rafael, CA 94903
January 13, 1978

I.S.C.Y.R.A.
1545 Waukegan Road
Glenview, Ill. 60025

Re: #5831
Keel Installation

Attn: Bill Richards

Dear Bill:

Please refer to previous correspondence regarding the Kimble keel installed on #5831, Don Trask, owner. (Memos of 3/24 and 4/28/77).

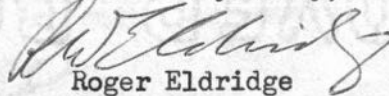
Bill Parks letter of 5/11/77 sets three criteria for acceptance of these keels.

1. Minimum bottom radius $3/4$ "
2. No concavities in bulb
3. No profile radius less than $2-3/4$ "

This keel showed slight concavity in the waterlines toward the trailing edge of the bulb. This has been filled and faired out so that there are no concavities present. Radii comply with 1. and 3.

Mr. Trask plans to take the boat to the Bacardi, and would appreciate prompt notification of approval of this installation.

Yours very truly,


Roger Eldridge
Measurer

cc: Don Trask

File 5831

this document
will be a rider
on the certificate
until Dan sells the
boat. At which
time we can
change the certificate
for the new owner

WR
COPY

TO

ISCYKA MEASUREN

Date

12-19-73

VIA

Subject

Hull wt.

MESSAGE

—FOLD

THIS WILL CERTIFY THAT
STAR HULL #5831 WEIGHS 405 LBS.
NOT INCLUDING SKEG.

Dmally Insh
Builder

REPLY

RETURN
TO

PERFORMANCE SAILCRAFT CORP.

33 DUFFY PLACE

SAN RAFAEL, CALIF. 94901

By

Date

REPLY
VIA

REG

AIR

SPECIAL

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FORM RM -87

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