

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? 6001
2. Was this number cut or burned into keelson as required above? Yes
3. Yacht's name "Jon's Joy" 4. Year built 1976
5. By whom built? William E. Buckan Boat Co., Mercer Isl., Wa.
6. Owner's name Jon R. Ziegele
7. Address 6434 North War Memorial Drive, Peoria, Ill., 61614
8. Fleet..... 9. Remarks.....

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the 23rd day of June, 1976, 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 July 9, 1976 Signed E. F. Stevens Jr.
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

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

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.

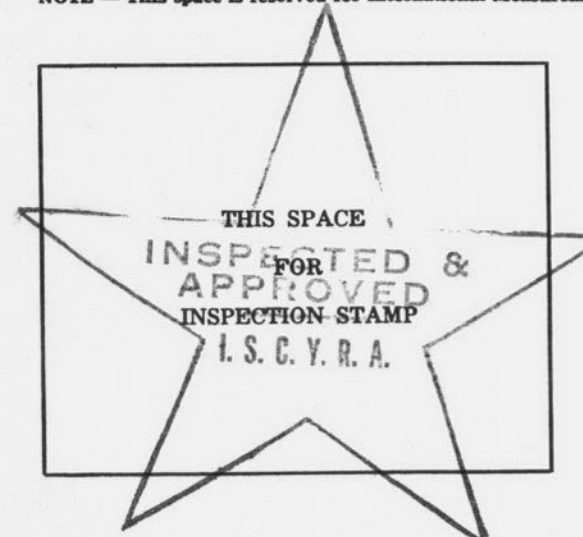
CONDITIONS UNDER WHICH CERTIFICATE OR RENEWAL IS ISSUED

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 \$5.00 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

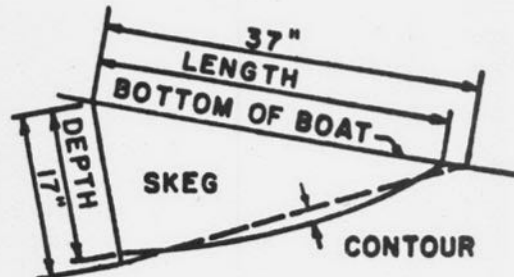
Date 20 July 1976

	HEIGHTS									
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF.	19 1/8	13 15/16	9 15/16	7 1/8	4 5/8	4 1/16	5 1/4	7 3/4	11 5/16	15 3/8
CHINE			12 5/16			9 1/16		11 13/16		18 3/16
SIDE *	13 3/4		20 1/16			21 1/2		17 1/2		10 1/4
BOTTOM ARC			ok			ok		ok		ok

* MEASURED ALONG SURFACE OF PLANKING

	HALF BREADTHS				
STATIONS	1	3	6	8	STERN
DECK	8 1/16	23 5/8	33 3/4	31	19 1/4
CHINE	3 3/4	15 3/8	26 5/8	24 1/2	15 15/16

RUDDER
WIDTH 18 TO ϵ OF POST
DEPTH 31 3/8
FITS TEMPLATE? ok



SKEG
DEPTH 16 1/4
CONTOUR ok
LENGTH ALONG CURVE 32 5/8

K1	45 7/16
K2	48 1/8
K3	1 1/2
K4	53 3/8
K5	1
K6	30 5/8
K7	8 3/8
K8	11 9/16
K9	31 7/16

WEIGHT:
KEEL 885
† HULL 460
YACHT 1485

MOMENT OF INERTIA

TEST RESULT 25 ft^2 POSITIVE BUOYANCY

TYPE OF BUOYANCY
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)

Compartments 13 ft^3
Hull 12
Total 25 ft^3

I.S.C. ★ Y.R.A.

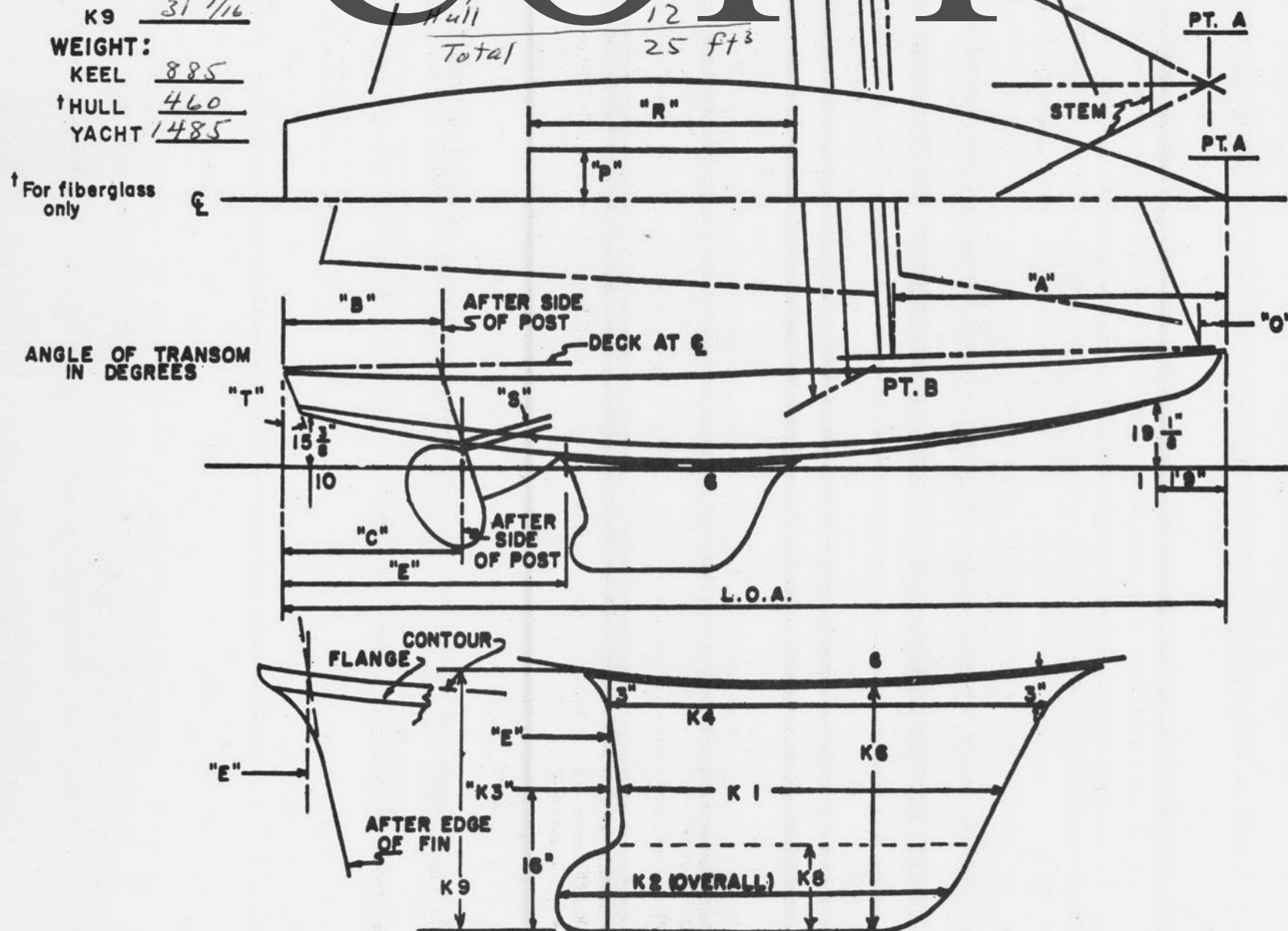
YACHT NO. 6001
L.O.A. 22'-8 3/4"
MAST FROM B 31'-8"
BOOM LENGTH 14'-7"
JIB STAY FR. B 22'-9" DIA. 3/32"
DIMENSION "A" 93 7/8"
"B" 46 5/8"
"C" 50 3/16"
"E" 83 9/16"
"O" 10 5/8"
"P" 12"
"R" 77 1/2"
"S" 1/8"
"T" 170"

IS CONSTRUCTION WOOD
OR FIBERGLASS? Fiberglass

IS CONSTRUCTION AS PER
RULES AND PLANS? Yes

IS KEEL WEIGHT CERTIFICATE
ATTACHED? #9 on letter sent with 5955#5963
"SIDE FLATNESS"? ok

STEM FITS TEMPLATE? ok



I.S.C. ★ Y.R.A.

Buoyancy Test Certificate

For Owner of Yacht No. 6001Owner's Name JON R. ZIEGELEDate Yacht Acquired JUNE 1976 I.S.C.Y.R.A.Former Owner NEW BOAT SEP 27 1978

CENTRAL OFFICE

1. Each owner must obtain a Buoyancy Test Certificate upon acquiring a new or used yacht by conducting a Buoyancy Test. Prior owner's Certificate is not transferable.
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 rig and all normal racing equipment except sails shall be swamped on a hoist. Boat shall remain afloat, with slack hoist and mooring lines, for 10 minutes.
4. Complete Certificate in duplicate. Witness sends one copy to I.S.C.Y.R.A., owner shall retain other copy.
5. Describe additional flotation equipment, other than hull structure.
(Mention type, size, location, etc.)

AIR COMPARTMENTS

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

JON R. ZIEGELE

Owner's Name

Jon R. Ziegele

Owner's Signature

9/24/78

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.

ROBERT R. PFEIFFER
FLEET CAPTAIN

Witness' Name and Title

[Signature]

Witness' Signature

9/29/78

Date

6001

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



Buoyancy Test Certificate

THIS CERTIFICATE IS GRANTED FOR THIS YACHT
UNDER THE PROVISIONS OF
I.S.C.Y.R.A. SPECIFICATION 7. *FLOTATION*

INSTRUCTIONS:

1. Each Star Class Yacht shall comply with the provisions of Specification 7.
2. If Buoyancy Certification of this yacht includes testing, the test shall be conducted according to Specification 7.
3. Send blue copy of completed Certificate to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; owner shall retain white copy.
4. If flotation provisions for this yacht include buoyancy other than that provided by the structure of the hull, describe these provisions:

COPY

I CERTIFY THAT THIS YACHT COMPLIES WITH I.S.C.Y.R.A. SPECIFICATION 7.

Bart Regel
Builder or Owner

Bart Regel
Builder or Owner's Signature

6-7-00
Date

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

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Duplicate Issued
6-18-98 DD

YACHT NUMBER 6001
Builder William E. Buchan Boat Co., Mercer Island, WA Year Built 1976
Builder's Hull Number -- USA Construction Material GRP
Type and location of yacht number in hull cut into keelson
Yacht Name Nastar Fleet Illinois River
Owner Allen E. Covington
Address 208 W. Wolf Road, Peoria, IL 61614 USA
Remarks _____

DECLARATIONS:

1. I certify that I have measured the items listed on this certificate for the above yacht and entered the data, the information is correct and the yacht complies with ISCYRA rules and the keel conforms to an approved builder's keel plan.

Print name E. F. Stevens Jr.

Signed E. F. Stevens Jr. Date July 9, 1976
(Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the ISCYRA and that the keel conforms to an approved keel plan and approved lay up schedule.

Print name _____

Signed _____ Date _____
(Builder)

3. **TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT**
I certify that I have measured the above yacht in any areas affected by the following changes:

_____ and find it to be in accordance with the current plans and specifications of the ISCYRA.

Print name _____

Signed _____ Date _____
(Certified Star Class Measurer)

4. **TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES**

I certify that no alterations have been made on this yacht that would affect the measurements or conformity with the plans and specifications.

Print name _____

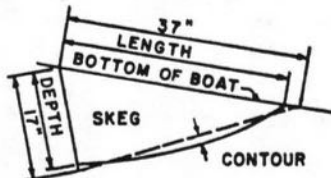
Signed _____ Date _____
(Owner)

HEIGHTS										
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF	19 1/8	13 1/8	9 1/4	7 1/8	4 5/8	4 1/2	5 1/4	7 3/4	11 5/16	15 3/8
CHINE			12 5/16			9 1/16		11 13/16		18 3/16
SIDE *	13 3/4		20 1/16			21 1/2		17 1/2		10 1/4
BOTTOM ARC			ok			ok		ok		ok

* MEASURED ALONG SURFACE OF PLANKING

HALF BREADTHS					
STATIONS	1	3	6	8	STERN
DECK	8 1/4	23 3/8	33 3/4	31	19 1/4
CHINE	3 3/4	15 1/8	26 5/8	24 1/2	15 1/16

RUDDER
WIDTH 18 TO ϵ OF POST
DEPTH 31 3/8
FITS TEMPLATE? ok



SKEG
DEPTH 16 1/4
CONTOUR ok
LENGTH ALONG CURVE 72 5/8

K1 45 7/16
K2 48 1/8
K3 1 1/2
K4 53 3/8
K5 1
K6 30 5/8
K7 8 3/8
K8 11 9/16
K9 31 7/16

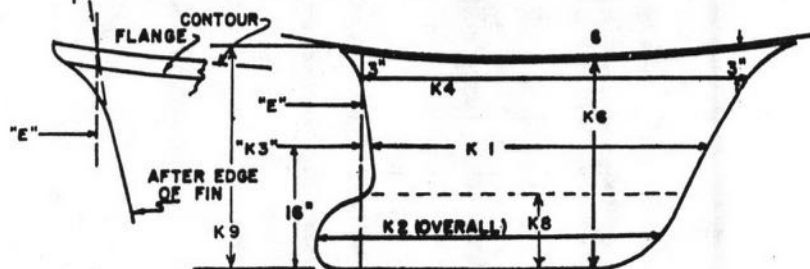
MOMENT OF INERTIA

TEST RESULT 25 ft^3 POSITIVE BUOYANCY
COMPARISON TYPE OF BUOYANCY
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)
Compartments 13 ft^3
Hull 12
Total 25 ft^3

WEIGHT:
KEEL 885
HULL 460
YACHT 1485

† For fiberglass only

ANGLE OF TRANSOM
IN DEGREES



I.S.C.



Y.R.A.

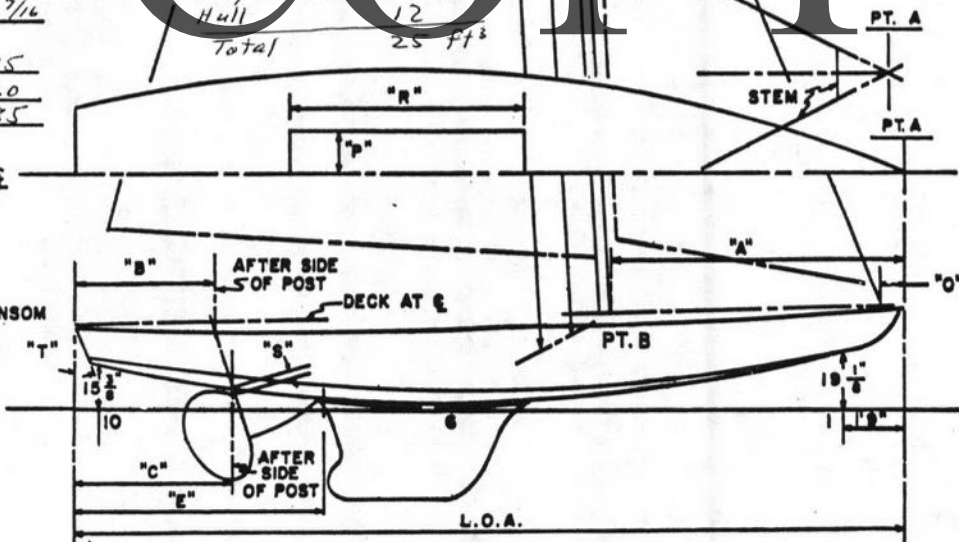
YACHT NO. 6001
L.O.A. 22' - 8 3/4
MAST FROM B 31' - 8
BOOM LENGTH 14' - 7
JIB STAY FR. B 22' - 9 DIA. 3/32
DIMENSION "A" 93 7/8
"B" 46 5/8
"C" 50 3/16
"E" 83 9/16
"O" 10 5/8
"P" 12
"R" 77 1/2
"S" 1/8
"T" 170

IS CONSTRUCTION WOOD
OR FIBERGLASS? Fiberglass

IS CONSTRUCTION AS PER
RULES AND PLANS? Yes

IS KEEL WEIGHT CERTIFICATE
ATTACHED? Yes
*9 on letter sent with 5455 & 5463
"SIDE FLATNESS"? ok

STEM FITS TEMPLATE? ok



BTC 1995

YACHT NUMBER

6001

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

**Buoyancy Test Certificate**

THIS CERTIFICATE IS GRANTED FOR THIS YACHT
UNDER THE PROVISIONS OF
I.S.C.Y.R.A. SPECIFICATION 7. FLOTATION

INSTRUCTIONS:

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4. If flotation provisions for this yacht include buoyancy other than that provided by the structure of the hull, describe these provisions:

COPY

I CERTIFY THAT THIS YACHT COMPLIES WITH I.S.C.Y.R.A. SPECIFICATION 7.

Allen E Covington
Builder or Owner

[Signature]
Builder or Owner's Signature

6-2-98
Date

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

DD ENTERED JUN 11 1998

RECEIVED JUN 08 1998



OLYMPIC FOUNDRY COMPANY

"QUALITY CASTINGS SINCE 1900"

5200 AIRPORT WAY SOUTH • SEATTLE, WASHINGTON 98108

JOHN W. KUCHER
CHAIRMAN OF THE BOARD
ROBERT C. KUCHER
PRESIDENT
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VICE PRESIDENT
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VICE PRESIDENT
L. G. NORD
VICE PRESIDENT
D. L. WEAVER
TREASURER

MAY 6, 1976

P.O. BOX 80187
TELEPHONE (206) 763-2330
TELEX 32-0188



MR. WILLIAM BUCHAN
7636 S. E. 22ND
MERCER ISLAND, WASHINGTON 98040

GENTLEMEN:

THIS LETTER IS TO CERTIFY THAT THE KEELS FURNISHED
BY US HAD UNIT WEIGHTS AS LISTED BELOW:

KEEL NO. 4	896 LBS.	# 5955 5963
KEEL NO. 5	871 LBS.	# 5955 5955
KEEL NO. 6	880 LBS.	
KEEL NO. 7	900 LBS.	
KEEL NO. 8	893 LBS.	
KEEL NO. 9	885 LBS.	# 6001

VERY TRULY YOURS,

OLYMPIC FOUNDRY COMPANY

Basel
H. J. BASEL



FOUNDERS, MACHINISTS and STEEL FABRICATORS
MANUFACTURERS OF GRAY, DUCTILE, NI-HARD, NI-RESIST AND ALLOYED IRONS
MALLEABLE IRON • STEELS • ALUMINUM AND BRASS CASTINGS