

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

YACHT NUMBER 7405

Builder MADER

Year Built 1989

Builder's Hull Number 89 BB 2691

Construction Material GRP

Type and location of yacht number in hull AT BOTTOM

Yacht Name FROLIC

Fleet PUGET SOUND

Owner JARED HICKMAN

Address 114 240TH ST SE BOTHELL, WA 98021 USA

Remarks Previous Owners: Bill Buchan, Carl Buchan

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 Joseph Knowles

Signed _____ Date 10.2.89

(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 10.2.89

(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)

SEC. C. 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 will be sent to him by the International Measurement Committee after his appointment.

2. This form must be made out by the certified measurer in duplicate. He must answer I through VI in the Hull Measurement and all under Keel Measurements. Both Copies are to be sent to the I.S.C.Y.R.A. central office. In case some dimensions are not available, file one copy with the I.S.C.Y.R.A. and forward one copy to the owner who becomes responsible for its completion.

3. Declarations must be signed as required.

4. Certified measurers are entitled to a reasonable fee for measuring, but the Association is not responsible for its payment.

5. A certified measurer cannot measure a yacht in which he owns an interest.

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 revoked if any structural changes are made or if not properly transferred to a new owner. It may be revoked at any time by order of the International Measurement Committee or the International Governing Committee.

2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class. 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.

3. This certificate shall be replaced when the yacht is altered or sold. For replacement, send this certificate and ten dollars, U.S. Funds, to the I.S.C.Y.R.A. Central Office.

The International Measurement Committee finds that the yacht described herein conforms with the plans and specifications of the Star Class and therefore grants this certificate to the yacht owner, subject to the conditions set forth above so long as the owner or owners of the yacht are members of the I.S.C.Y.R.A.

Signed *Joseph Krieger*
(Chairman International Measurement Committee)

Date 3 MAR 1989



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7405
 2. Builder L. Mader
 3. Year Built 1989
 4. Builder's Hull Number 89 BB 2691
 5. Material of Construction GRP
 6. Type and location of characters used to install yacht number in hull at bottom
 7. Yacht Name _____
 8. Owner Bill Buchan
 9. Address 4025 94th N.E. Bellevue - WA 98004
 10. Fleet _____
 11. Remarks Point B 501 Hull 1

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 _____

Signed *Krieger* Date 10.02.89
 (Certified Star Class Measurer)

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 _____

Signed *Mader* Date 10.02.89
 (Builder)

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 *Mader* Date 10.02.89
 (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)

HULL MEASUREMENTS:

I.	
A	4568
B	1192
C	1275
E	2140
O	6661
P	311
R	2064
S	1
TA	170
L.O.A.	6933

II.
Chine Radius ok
Stem Radius ok
Side Flatness ok

III.
Rudder Template ok
Thickness 28
Post Dia. 25,4

IV.
Skeg Depth 413
Skeg Contour 13

V.
Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	242	104	186	390
Chine		303	229	289	445
Side	809	780	750	716	674
Bottom Arc		ok	ok	ok	ok

VI. Half Breadths:					
Stations	1	3	6	8	Stern
Deck	198	598	863	796	502
Chine	93	407	671	635	415

VII.
Buoyancy: (Builder)
Hull 0,36 closed cell foam
Tanks 2) 0,58
Compartments 2)
Closed Cell Foam -
Air Bags -

KEEL MEASUREMENTS:

K1	1149
K2	1236
K3	41
K4	1373
K5	26
K6	771
K7	217
K8	311
K9	817
K10	935
K11	
K12	contr. by templates
K13	
K14	314

WEIGHT CERTIFICATION:

Keel less finish 399
Keel with finish 406

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name
Signed Mark Date 10.02.89
(Builder)

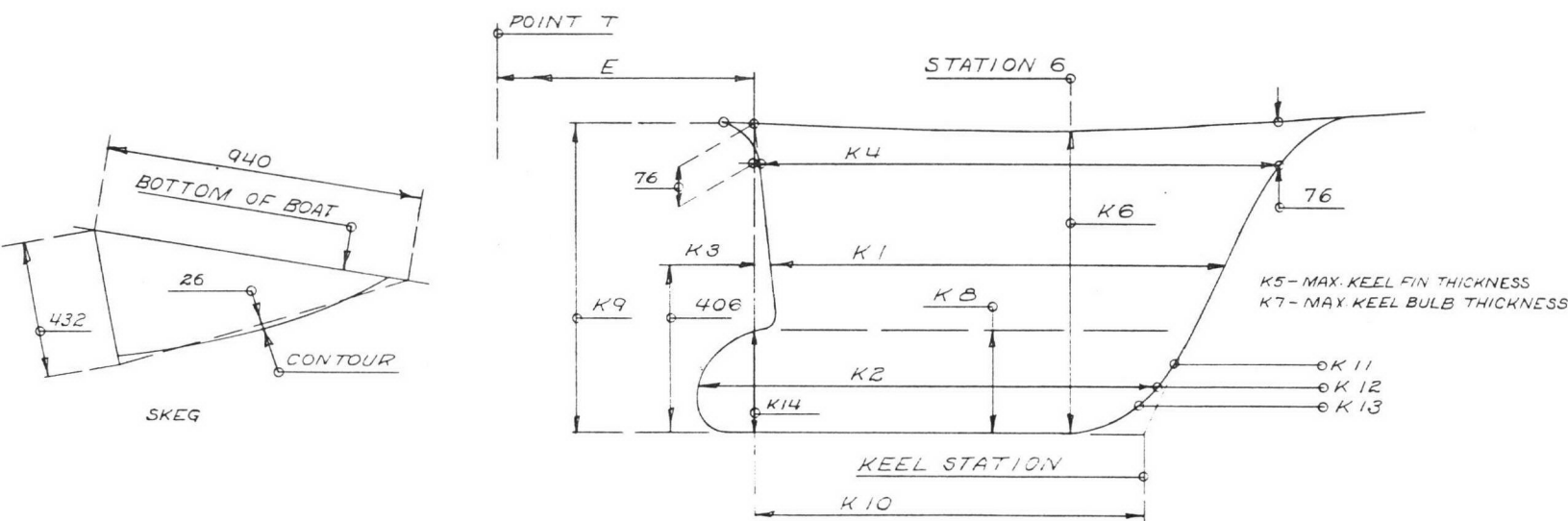
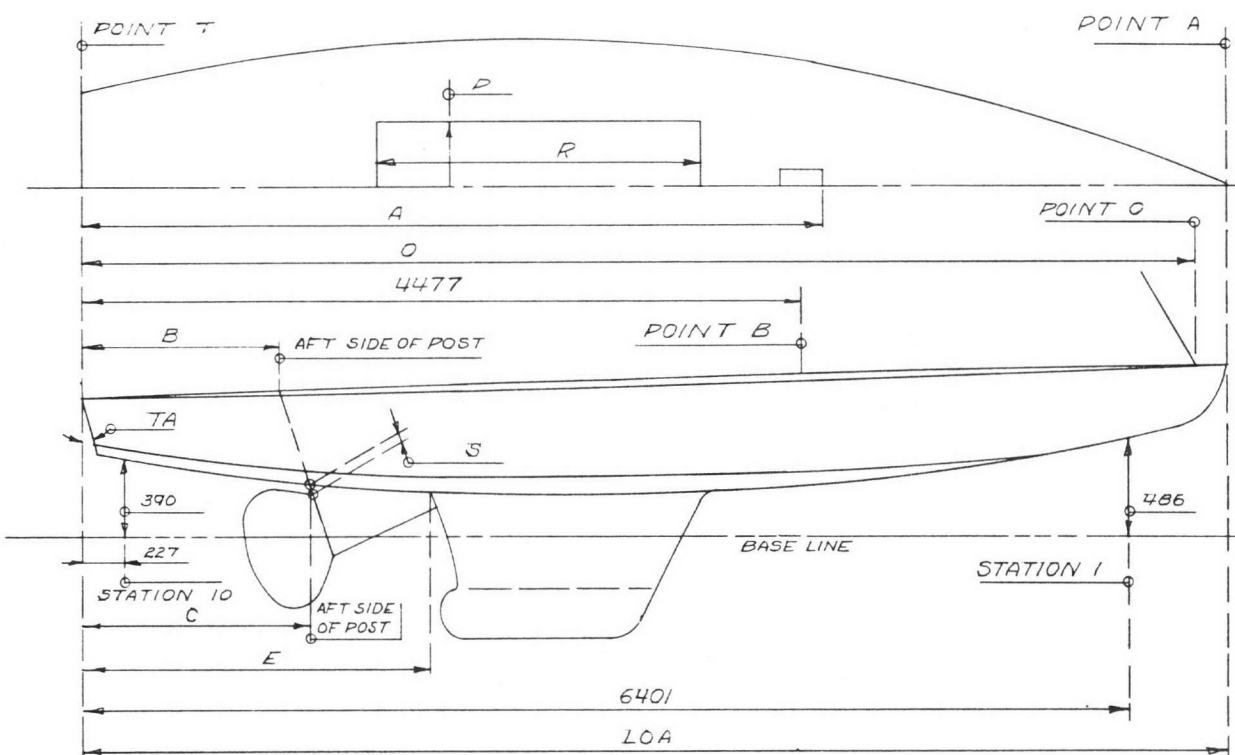
Yacht weight with rigging
663

Added Weight 8
Type and location of added weight under deck

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name
SIGNED Mark
(Builder, outfitter or owner)

MEASURER'S REMARKS:



I. S. C. ★ Y. R. A.

AWARD OF NUMBER

ROYALTY RECEIPT

— To Be Returned To Applicant —

NOTICE—KEEP THIS RECEIPT. OFFICIAL NUMBER MUST BE CUT OR BURNED INTO UPPER SIDE OF KEELSON IN 3" FIGURES FOR IDENTIFICATION. YACHT CANNOT BE MEASURED UNTIL THIS HAS BEEN DONE. THE ISSUING OF A NUMBER DOES NOT IN ITSELF INDICATE ELIGIBILITY, WHICH ALSO DEPENDS UPON A MEASUREMENT CERTIFICATE AND THE OWNER'S QUALIFICATIONS FOR MEMBERSHIP.

— To Be Filled Out by Executive Secretary of I.S.C. ★ Y.R.A. —

To whom it may concern:—

The builder's royalty (Number tax) has been paid on the yacht hereinafter described.

Builder..... Leonhard Mader Bootswerft of West Germany

Owner..... Bill Buchan of USA

Remarks.....

Yacht reported as being built (work started) for above owner.
under order (deposit paid) by

The said yacht has been registered by the I.S.C. ★ Y.R.A. under the

OFFICIAL NUMBER #7405

This number may be revoked for incorrect information, or other due cause.

Date Feb. 3 1989

Lisa Weber
Executive Secretary
International Star Class
Yacht Racing Association

7405

I. S. C. ★ Y. R. A.

APPLICATION FOR NUMBER BUILDER'S ROYALTY RETURN

The Royalty (Number Tax) On
Each Star Class Yacht Built Is

\$100.00

NOTICE — Plans and Specifications are not transferable and are sold subject to this royalty (or number tax) being paid by the builder, all right, title, and interest in and to the said plans having been bought from the designer by this Association, which reserves the right to refuse to grant a number or to issue a measurement certificate to any yacht on which the said royalty has not been paid or which was not built by a recorded owner of official Star Class plans.

International Star Class Y.R.A.

INSTRUCTIONS

1. For each yacht built, one of these forms must be filed with the Central Office of the Association, address given below.
2. Attached to each form must be a check or money order, made payable to the International Star Class Y.R.A.
3. Typewrite or print distinctly, in filling out form.
4. A receipt, Form R-2, will be sent to the builder, on which the yacht's official number will be shown.

— To Be Filled Out by Applicant For Number Making Return —

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

Write nothing in this space

No. _____

(X) _____

Gentlemen:-

The undersigned hereby applies for an official number for the Star Class yacht which
has been sold (hull completed) to—
is being built (work started) for—
has been ordered (deposit paid) by—

Owner's Name Bill Buchan

Address 4025 94th N.E.
Bellevue Washington 98004

Yacht's Name (if known) " _____ "

In what fleet will yacht be sailed? _____

Builder's Name Bootswerft Leonhard Mader GmbH

Address D-8221 Fischling/Waging am See

Note—Receipt will be returned to address above given.

I hereby certify that the above information is true and correct to the best of my knowledge and belief and that the said yacht has been or will be built from official plans procured from the I.S.C.Y.R.A., and I agree to notify the I.S.C.Y.R.A. of any change in ownership prior to delivery.

Date Fischling, 18.01.1989

Signed LEONHARD MADER GMBH

8221 FISCHING BEI WAGING/SEE
INTERNATIONAL STAR CLASS Y.R.A.
1545 WAUKEGAN ROAD
GLENVIEW, ILLINOIS 60025 U.S.A.

THIS APPLICATION
MUST BE SENT TO

Make checks payable to International Star Class Y.R.A.

YACHT NUMBER

7405

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 a copy of completed Certificate by mail to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; or by fax to +1 847 729 0718. Owner shall retain a copy.
4. If flotation provisions for this yacht include buoyancy other than that provided by the structure of the hull, describe these provisions.

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

WM. BUCHAN

Builder or Owner
(Print or type name.)

Builder or Owner's Signature
(Sign name.)

6/27/02

Date
(Month / Day / Year)

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

Copy 1: Owner
Copy 2: Central Office

(buoyancy test certificate REV-4/99)

RECEIVED JUN 27 2002

ECO ENTERED JUN 27 2002

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



9 OCT 92

Yacht Number: 7405

Owner CARL Buchan

Address PO Box 374

MEDINA WA 98039

Fleet PS

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

0.0 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 J. Knowles

Print name J. KNOWLES

My term expires n/a

I.S.C.Y.R.A. File No: 7405

REC'D OCT 14 1992

YACHT NUMBER

I.S.C.Y.R.A. Buoyancy Test Certificate

7405

Reference: Specifications, 7

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:

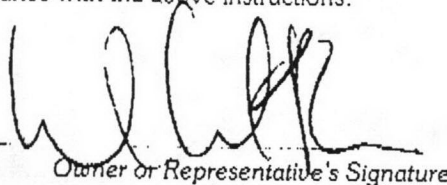
1. Each Star Class Yacht must pass the prescribed buoyancy test which must be conducted by the owner and shall be witnessed by a Fleet or Class Officer or Certified Star Measurer.
2. Yacht with crew, rig and all normal racing equipment, except sails, shall be swamped on a hoist. Boat shall remain afloat, 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.)

TANKS, BOW, STERN, SIDES, FLOOR

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

CARL ECHAN

Owner's Name



Owner or Representative's Signature

9-6-92

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.

Forrest Miller Dist. Sec.

Witness's Name and Title

Forrest Miller

Witness' Signature

9-6-92

REC'D SEP 8 1992

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

Dupe issued
1-31-92

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7405
2. Builder L. MADER
3. Year Built 1989
4. Builder's Hull Number 89 BB 2691
5. Material of Construction GRP
6. Type and location of characters used to install yacht number in hull AT BOTTOM
7. Yacht Name _____
8. Owner CARL BUKHAN 0602107
9. Address BOX 374, MEDINA, WA 98039
10. Fleet FS
11. Remarks POINT B 501

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 KRIEGER

Signed KRIEGER Date 10-02-89
(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 MADER

Signed MADER Date 10-02-89
(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)

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



Yacht Number: 7405 C

Owner William BUCHAM

Address 4025 - 94TH NE.

BELLEVUE

WA. 98004

P.S. Fleet

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

3.9 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 MAC CAUSLAND

My term expires 12-90

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

7405

REC'D FEB 9 1990

THIS IS A REWEIGHING OF STAN 7405

ON 1/24/90 PLEASE ISSUE NEW

PLAQUE

THANK YOU

[Signature]

REC'D FEB 23 1989

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 23.1.89

Date Issued: 10.2.89

Expiration Date: 25.3.89

(45 days after Date Issued)

I have measured Star # 7405 and all measurements appear to be within acceptable tolerances. However, while final examination and certification is being processed this letter may serve as a temporary certification for a period of 45 days. I see no apparent discrepancies which need resolution before final issuance of a Measurement Certificate.

This Temporary Measurement Certificate cannot be renewed and is subject to revocation by the Measurement Committee.

Signed By: Krieger, Certified Measurer

Print Name: _____

- Copies: 1. Owner *B. Buehler*
2. Central Office
3. Measurer



REC'D FEB 23 1989

7405