

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATEYACHT NUMBER 7277Builder Josef STEINMAYERYear Built 1987Builder's Hull Number 7277Construction Material GRP

Type and location of yacht number in hull _____

Yacht Name _____

Fleet Luzern-VierwaldstatterseeOwner Martin HartmannAddress Sonnenbergweg 15, Egliswil, Aargau 5704, SwitzerlandRemarks Previous owner: Jean-Claude Vuithier, Harald Menge_____
_____**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 DANIEL BUCHHOFERSigned SEE ORIGINAL MC in Class Office Date 28.7.1987
(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 Josef STEINMAYERSigned SEE ORIGINAL MC in Class Office Date 28.7.1987
(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 F. Cowley
(Chairman International Measurement Committee)

Date 10 AUG 87



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7277
2. Builder Josef STEINMAYER, CH-8706 MEILEN/ZH
3. Year Built 1987
4. Builder's Hull Number 7277
5. Material of Construction GRP
6. Type and location of characters used to install yacht number in hull _____
7. Yacht Name MILL COCK
8. Owner JEAN-CLAUDE VUITHIER
9. Address BASSIN 2, CH-2000 NEUCHÂTEL
10. Fleet GENEVE / CVN
11. Remarks B = 470 mm
4775-88hw

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 DANIEL BUCHHOFER
Certified Measurer I.S.C.Y.R.A.
Signed CH-8706 FELDMEILEN, Rebbergstr. 85 Date 28.7.1987
(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 Josef Steinmayer
Boothau
Signed Weidstrasse 27 Date 28.7.1987
(Builder) 8706 Meilen

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)

72776

YACHT NUMBER 7277

HULL MEASUREMENTS:

I.	
A	4560
B	1182
C	1310
E	2125
O	6698
P	305
R	1965
S	8
TA	15°
L.O.A.	6934

II.	
Chine Radius	yes
Stem Radius	yes
Side Flatness	yes

III.	
Rudder Template	yes
Thickness	28
Post Dia.	25

IV.	
Skeg Depth	417
Skeg Contour	15

V. Heights Above Baseline:

Stations	1	3	6	8	10
Keel	486	243	105	190	390
Chine		309	232	292	455
Side	824	794	750	713	688
Bottom Arc		ok	ok	ok	ok

VI.					
Half Breadths:					
Stations	1	3	6	8	Stern
Deck	206	610	852	782	492
Chine	95	410	673	628	409

VII.	
Buoyancy: (Builder)	0.35 m ³
Hull	
Tanks	X
Compartments	X
Closed Cell Foam	
Air Bags	
	1.46 m ³

KEEL MEASUREMENTS:

K1	1157
K2	1220
K3	32
K4	1375
K5	26
K6	775
K7	220
K8	310
K9	815
K10	940
K11	86
K12	81
K13	65
K14	315

WEIGHT CERTIFICATION:

Keel less finish	399
Keel with finish	408

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 D. BUCHHOFFER
Signed [Signature] Date 28.7.87
(Builder)

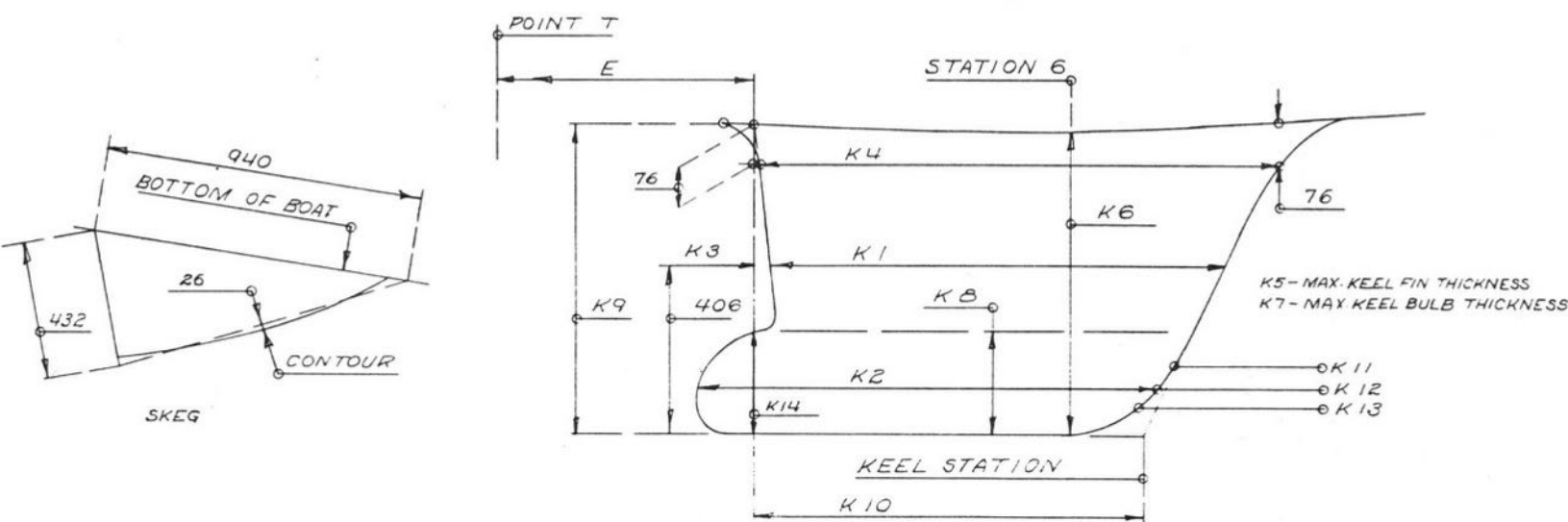
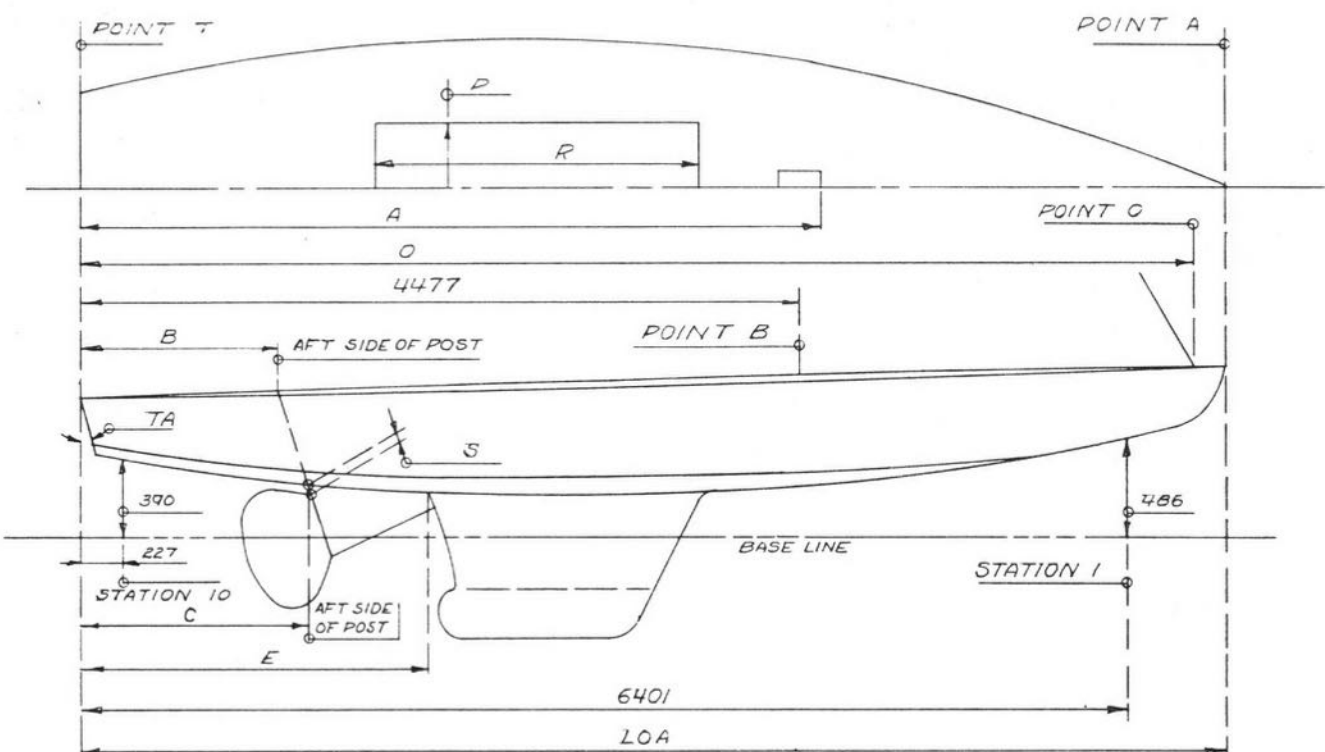
Yacht weight with rigging
671

Added Weight 18
Type and location of added weight side 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 Josef Steinhmayer
Boothau
Weidstrasse 27
67066 Bad Godesberg
SIGNED [Signature]
(Builder, outfitter or owner)

MEASURER'S REMARKS:



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Duplicate Issued
29 October 97 DD

YACHT NUMBER 7277

Builder Josef Steinmayer, CH-8706 Meilen/ZH

Year Built 1987

Builder's Hull Number 7277

Construction Material GRP

Type and location of yacht number in hull --

Yacht Name _____

Fleet Thuner-Bielersee

Owner Harald P. Menge

Address Schmittackerstrasse 36, CH-4448 Läufelfingen, Switzerland

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 Daniel Buchhofer

Signed Daniel Buchhofer
(Certified Star Class Measurer)

Date 28 July 1987

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 Josef Steinmayer

Signed Josef Steinmayer
(Builder)

Date 28 July 1987

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 _____
(Certified Star Class Measurer)

Date _____

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 _____
(Owner)

Date _____

MEASUREMENTS:**HULL MEASUREMENTS:**

A 4560
 B 1182
 C 1310
 E 2125
 O 6698
 P 305
 R 1965
 Transom Angle 15°
 L.O.A. 6934
 Height of Point "B" 477
 Chine Radius yes
 Stem Radius yes
 Side Flatness yes
 Rudder Template yes
 Rudder Thickness 28
 Rudder Post Diameter 25
 Skeg Depth 417
 Skeg Contour 15
 Tiller Material --

Last fully measured hull from this mold # --
 on --, 19 --.

This is hull number -- since that measurement.

KEEL MEASUREMENTS:

K1 1157
 K2 1220
 K3 32
 K4 1375
 K5 26
 K6 775
 K7 220
 K8 310
 K9 815
 K10 940
 K11 86
 K12 81
 K13 65
 K14 315

KEEL CERTIFICATION:

Keel weight 408 w/finish

I certify that the weight shown was taken on
 a scale that has been calibrated within the
 last year to an accuracy of .5% of reading,
 and that this keel conforms to the builders
 approved keel plan, dated --,
 19 -- on file at ISCYRA.

D. Buchhofer

(Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

Station	1	2	3	4	5	6	7	8	9	10
Keel	486	--	243	--	--	105	--	190	--	390
Chine	X	X	309	X	X	232	X	292	X	455
Side	824	X	794	X	X	750	X	713	X	688
Bottom Arc	X	X	ok	X	X	ok	X	ok	X	ok

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	206	610	852	782	492
Chine	95	410	673	628	409

BUOYANCY:

Contained in Hull Lay-up 0.35 m³
 Airtight Compartments 3 1.46 m³
 Other Tanks

BTC 1995

YACHT NUMBER

7 2 7 7

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:
1'800 lit. flotation, repartis en 1 caisson avant, 1 caisson
arrière, 2 caissons lateraux et 2 caissons au fond.

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

H. Menga
Builder or Owner

H. Menga
Builder or Owner's Signature

25.7.97
Date

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

White: Owner
Blue: Central Office

Rev 2-95

RECEIVED JUL 25 1997

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

7277

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.)

COPY

7277

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

Henri Lukof
Owner's Name

[Signature]
Owner or Representative's Signature

REC'D MAY 4 1989
15.4.89
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.

J-P. L'Huillier Secrétaire Veronique
Witness's Name and Title

[Signature]
Witness' Signature

15.4.89
Date

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



Yacht Number:

7277

Owner

HARALD MENGE

Address

CHANDERBRÜGG 73

CH-3645 GWATT

Fleet

T-B

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

00,0 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. Buchhofer

Print name

DANIEL BUCHHOFER

Certified Measurer

I S C Y R A

CH-8706 FELDMEILEN, Rebbergstr. 85

My term expires

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

May. B. 96
RECEIVED JUL 02 1997

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



Yacht Number: 72.77

Owner HARALD MENGE

Address CHANDERBRÜGG 73
CH-3645 GWATT

Fleet T-B

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

00,0 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. Buchhofer

Print name DANIEL BUCHHOFER

Certified Measurer

I S C Y R A

CH-8706 FELDMEILEN, Rebbergstr. 85

My term expires _____

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

May 16, 1997
RECEIVED JUL 02 1997

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



Yacht Number: 7277

Owner PEPI 141 Hof

Address 150 ROUTE JESUITE
CH-1290 VERSOIX

Fleet VER

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

18.0 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 DANIEL BUCHHOFER

Print name DANIEL BUCHHOFER
Certified Measurer
CH-8706 FELDMEILEN, Rebbergstr. 85

My term expires 3. September 1991

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

7277

REC'D SEP 23 1991

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



Yacht Number: 7277

Owner Jean-Claude Vuithier

Address Bassin 2

2000 Neuchâtel Suiza

SWITZERLAND Fleet G

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

22.200KG

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 Jorge Curutchet

Print name Jorge Curutchet

My term expires 17/11/1991

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

FEB 18 1991

CENTRAL OFFICE

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

7277

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 22 / 7 / 87

Date Issued: 24 / 7 / 87

Expiration Date: 7 / 9 / 87

(45 days after Date Issued)

I have measured Star # 7277 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: Daniel Buchhofer, Certified Measurer

Print Name: DANIEL BUCHHOFER
Certified Measurer ISCYRA
CH-8706 FELDMEILEN, Rebbergstr. 85

Copies: 1. Owner Jean Claude Vutther
2. Central Office
3. Measurer

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