

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

YACHT NUMBER 7863

Builder Cantiere Nautico Lillia Year Built 1996

Builder's Hull Number 7 NERO Construction Material GRP

Type and location of yacht number in hull cut into keelson

Yacht Name _____ Fleet KIELER FLOTTE

Owner LARS KEILWITZ

Address UNTERSTKOPPEL 44, SCHWENTINENTAL, SCHLESWIG-HOLSTEIN 24222 GERMANY

Remarks FORMER OWNERS: Cantiere Nautico Lillia

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 Roberto Ravaglia
 Signed _____ Date 1996-05-04
 (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 Cantiere Nautico
 Signed _____ Date 1996-05-04
 (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)

27 5987

YACHT NUMBER 7863

MEASUREMENTS:

HULL MEASUREMENTS:

A 4600
 B 1192
 C 1274
 E 2129
 O 6703
 P 1950
 R 308
 Transom Angle 15°
 L.O.A. 6905
 Height of Point "B" 470
 Chine Radius OK
 Stem Radius OK
 Side Flatness OK
 Rudder Template OK
 Rudder Thickness 27
 Rudder Post Diameter 25
 Skeg Depth 412
 Skeg Contour 5
 Tiller Material OK

Last fully measured hull from this mold # 7863
 on May 4th, 1996.

This is hull number 0 since that measurement.

KEEL MEASUREMENTS:

K1 1150
 K2 1236
 K3 37
 K4 1360
 K5 26
 K6 778
 K7 220
 K8 308
 K9 823
 K10 955
 K11 89
 K12 85
 K13 75
 K14 266

KEEL CERTIFICATION:

Keel weight 408
 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 March 2nd, 1993 on file at ISCIRA.

[Signature] - ROBERTO RAVAGLIA
 (Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

Station	1	2	3	4	5	6	7	8	9	10
Keel	486	354	247	171	121	102	131	191	286	390
Chine	X	X	303	X	X	226	X	300	X	450
Side	824	X	793	X	X	746	X	712	X	676
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

Station 1 3 6 OK 8 782 Stern

Deck	204	617	864	778	492
Chine	88	405	670	627	410

BUOYANCY:

Contained in Hull Lay-up 0,5 m³
 Airtight Compartments 0,85 m³
 Other _____

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 fully completed by the certified measurer in duplicate. Both copies are to be sent to the ISCYRA Central Office.
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 may not measure a yacht in which he owns an interest except as provided by ISCYRA Rule 33.2

CONDITIONS UNDER WHICH CERTIFICATE IS ISSUED:

1. This certificate is not valid unless it bears the stamp of the ISCYRA and is signed by the chairman of the International Measurement Committee. This certificate may be revoked at any time by order of the International Measurement Committee or the International Governing Committee. It is invalid if any structural changes are made which affect the yacht's dimensions or its compliance with ISCYRA Rules.
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class.
3. This certificate shall be replaced when the yacht is altered or sold. For replacement of the certificate contact the ISCYRA Central Office.
4. ISCYRA Rule 33.3 limits re-measurement of a yacht having a valid certificate.



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 ISCYRA.

Signed

(Chairman International Measurement Committee)

Date

7 June 86

FROM : INTERNATIONAL STAR CLASS Y.C.A. PHONE NO. : 847 729 0718

Aug. 13 1997 11:45AM P5

BTC 1995

YACHT NUMBER

7863

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., 1345 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:

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

Wlaus Meyer
Builder or Owner

Wlaus Meyer
Builder or Owner's Signature

14.08.97
Date

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

White: Owner
Blue: Central Office

Rev. 2-95

DD ENTERED AUG 14 1997

RECEIVED AUG 14 1997



*New YW plaque mtd to
Klaus Meyer 2-25-98*
International Star Class
Yacht Racing Association

1545 Waukegan Road
Glenview
Illinois 60025-2185
U.S.A.
Phone +1-847-729-0630
Fax +1-847-729-0718
E-mail: iscyra@interaccess.com

To: Owner of Star Number 7863

From: Chief Measurer, John F. Koopman

RE: Weight Certification Plaque

Enclosed is an official ISCYRA Weight Certification Plaque, as required by Star Class Specification 14. This plaque has been stamped to show the number of your boat and the amount of additional weight (if any) found necessary when your boat was weighed by a Certified Measurer or Weighmaster.

The plaque is a requirement of the Class rules. Absence of the plaque on the boat may be grounds for disqualification by a regatta jury.

The Specifications require that the plaque be permanently fixed to the cockpit coaming. The plaque is to be installed on the vertical surface just below deck level at the aft end of the cockpit opening. Four holes are provided so that the plaque may be installed with screws or a suitable adhesive such as epoxy cement.

The plaque must be securely installed. You may wish to coat your plaque with a clear finish or bed the back in cement to prevent corrosion. The epoxy coating does not cover the back. Please remember that the weight certification process involves two parts: sealing the weight and installation of the plaque. Your boat is legal only when the seals are intact and the plaque is in place. (Exception: While you are waiting for delivery of a new plaque or after a certified re-weighing, your copy of the measurer's weight certificate takes the place of the plaque.) Be sure to remove the old plaque if the new plaque is a replacement.

If you have any problems with your plaque or the seals, please let me know immediately. Since you are responsible for the legality of your boat, it is very important to report any difficulties you may encounter so that we can help solve the problem.

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



Yacht Number: 7863

Owner CANTIERE NAUTICO LILLIA

Address VIA REGINA 30

22010 ROSSO (CO)

ITALIA

 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

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 

Print name ROBERTO RAVAGLIA

My term expires N.A.

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

7863

RECEIVED MAY 30 1996

88 ENTERED MAY 30 1996



International Star Class Yacht Racing Association

1545 Waukegan Road
Glenview
Illinois 60025-2185
U.S.A.
Phone +1-847-729-0630
Fax +1-847-729-0718
E-mail: iscyra@interaccess.com

4 April 1997

Cantiere Nautico Lillia
Via Regina, 30
22010 Musso (CO)
Italy

Dear Cantiere Nautico Lillia,

Please be advised that a correction has been made on the deck measurement of station 8 of your Star 7863. This correction has been made by measurer Roberto Ravaglia and approved by ISCYRA Chief Measurer John Koopman.

I have corrected the official measurement certificate that we have on file for Star 7863. Enclosed please find documentation for you to keep with your copy of the measurement certificate.

Best regards,

Diane Dorr
Executive Secretary

Enc.

FAX TO: DIANE DORR, ISCYRA

FROM: JOHN KOOPMAN

** COPY OF LETTER SENT TODAY **

4 March 1997

Diane Dorr
ISCYRA
1545 Waukegan Road #8
Glenview IL 60025-2185

Ref: Measurement Certificate, Star #7888

Dear Diane;

I just received the fax of Roberto Ravaglia's letter R/E the deck measurement at station 8 of Star 7888.

The new measurement of 782 is within tolerance and I have updated the certificate with an annotation over the measurement.

This change also affects the measurement certificates for Stars 7884, 7875, 7874 and 7863 per Roberto's letter. You have my permission to update these certificates, initialing the change at station 8 in my stead.

Thank you;

John F. Koopman
Chief Measurer
ISCYRA

encl. 2-Measurement Certificates for Star 7888

RECEIVED APR 0 4 1997

From Roberto Ravaglia (Measurer):
To ISCYRA (fax 001-847-729-0718)
For the attention of Mr. John Koopman/Mrs. Diane Dorr

Subject: Measurement Cert. Star 7888 and Stars from same mold

Dear John/Dear Diane,

With reference to Your letter sent on February 27, 1997, I have recently made a complete measurement of a hull, to discover possible measures out of order, and to double check station 8.

I can now confirm that everything is right for Stars 7888, 7884, 7874, 7875, 7863. Please amend "deck at station 8" in 782 mm in all these certificates.

(Joe Knowles already discovered a clerical transcription error in Deck at station 6 in 7863 certificate: of course is 864 and not 804).

Station 8 is close to the minimum, but it is not possible that this measure is now increased.

Probably the hulls previously measured (7875 and 7863) were not in a perfect left-to-right position (I have double checked also this position now). In this situation it is easy to mediate the vertical right and left measurements on the baseline, but it is possible to lose few millimetres (less than 1%) when reporting the half breadth on the floor (it is a normal procedure to measure the distance from left to right side and to divide by 2 the result). I am sorry but I really did not realize, at that time, that the result was under the minimum. Now I can say it was my mistake and I fully apologize for that.

Please do not hesitate to contact me for any further question.
Best regards,


R. Ravaglia

RECEIVED APR 04 1997

1p fax OK

7863

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



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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:

0.95 m³ PROVIDED BY WATERTIGHT BULKHEADS

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

CANTIERE NAUTICO LULIA

Builder or Owner

Builder or Owner's Signature

1996-05-04

Date

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

White: Owner

Blue: Central Office

RECEIVED MAY 30 1996

ENTERED MAY 30 1996

to:

Roberto Ravaglia

7 June '96

Caro Roberto:

Grazie per la tua cura della barca
di Torben. Sono sicuro che sara
perfetta quando la vedo a Savannah.

Nel certificato di n° 7863, ho
cambiato il "Deck Half Breadth"
a Station 6 da "804" in "864".
Che l'errore sia nel record invece
della barca e' chiaro.

Spero di vederti in autunno - ho
l'intenzione di venire dopo le Olimpiadi.
August
Joe

MEASUREMENTS:

HULL MEASUREMENTS:

A 4600
 B 1192
 C 1274
 E 2420
 O 6703
 P 1950
 R 308
 Transom Angle 15°
 L.O.A. 59'5"
 Height of Point "B" 470
 Chine Radius OK
 Stem Radius OK
 Side Flatness OK
 Rudder Template OK
 Rudder Thickness 27
 Rudder Post Diameter 25
 Skeg Depth 412
 Skeg Contour 5
 Tiller Material OK

Last fully measured hull from this mold # 7863
 on May 4th, 1996.

This is hull number 8 since that measurement.

KEEL MEASUREMENTS:

K1 1150
 K2 1236
 K3 32
 K4 1360
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 K8 308
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 K10 955
 K11 89
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 K13 75
 K14 266

KEEL CERTIFICATION:

Keel weight 408
 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 March 2nd 1993 on file at ISCYRA.

[Signature] - ROBERTO LAVALLIA
 (Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

Station	1	2	3	4	5	6	7	8	9	10
Keel	486	354	247	171	121	102	131	191	286	390
Chine	X	X	303	X	X	226	X	307	X	450
Side	824	X	793	X	X	746	X	712	X	676
Bottom Arc	X	X	OK	X	X	OK	X	OK	X	OK

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	204	617	864	778	492
Chine	88	405	670	627	410

BUOYANCY:

Contained in Hull Lay-up 0.5 m³
 Airtight Compartments 0.85 m³
 Other _____