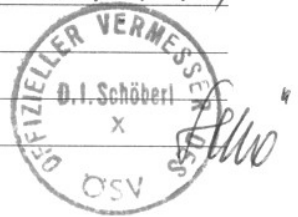


**OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE**

8483 G

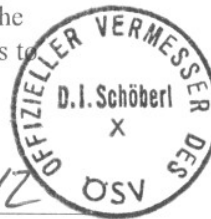
YACHT NUMBER 8483  
Builder LEONHARD MADER Year Built 2012  
Builder's Hull Number 12/1H 4250 Construction Material GRP  
Type and location of yacht number in hull CUT IN KEELSON  
Yacht Name \_\_\_\_\_ Fleet \_\_\_\_\_  
Owner JOHN HELMSING  
Address LEINPFAD 22, 22301 HAMBURG, GERMANY  
Remarks BUILDER'S HULL NUMBER = 12/1H 4250



**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 PETER SCHÖBERL  
Signed P. Schöberl Date 19.6.2012  
(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 Mader Date 19.6.2012  
(Builder)  
Zum Seeteufel 6, Fischening  
83329 Waging am See

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)

**MEASUREMENTS:**

**HULL MEASUREMENTS:**

A 4677  
 B 1192  
 C 1275  
 E 2170 2138  
 O 6712  
 P 310  
 R 2064  
 Transom Angle 15.2°  
 L.O.A. 69'11"  
 Height of Point "B" 500  
 Chine Radius 10  
 Stem Radius OK  
 Side Flatness OK  
 Rudder Template OK  
 Rudder Thickness 29  
 Rudder Post Diameter 26  
 Skeg Depth 406  
 Skeg Contour 2  
 Tiller Material FIBERGLASS

Last fully measured hull from this mold # 3  
 on 15.4. 2011

This is hull number 6 since that measurement.

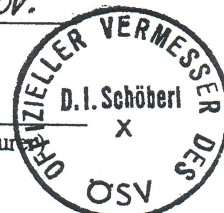
**KEEL MEASUREMENTS:**

K1 1169 1146  
 K2 1238 1217  
 K3 34 40  
 K4 1354 1355  
 K5 26  
 K6 770 762  
 K7 212 228  
 K8 300 311  
 K9 824 826  
 K10 965 945  
 K11 OK  
 K12 OK  
 K13 OK  
 K14 282

**KEEL CERTIFICATION:**

Keel weight 407 kg  
 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 9. NOV.  
2007 on file at ISCYRA.

P. Filibull  
 (Signature - Certified Star Class Measurer)



**HEIGHTS ABOVE BASELINE:**

| Station    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Keel       | 486 | 358 | 251 | 170 | 121 | 106 | 133 | 193 | 284 | 390 |
| Chine      | X   | X   | 296 | X   | X   | 232 | X   | 296 | X   | 442 |
| Side       | 810 | X   | 796 | X   | X   | 750 | X   | 712 | X   | 675 |
| Bottom Arc | X   | X   | OK  | X   | X   | OK  | X   | OK  | X   | OK  |

**HALF BREADTHS:**

| Station | 1   | 3   | 6   | 8   | Stern |
|---------|-----|-----|-----|-----|-------|
| Deck    | 197 | 599 | 851 | 781 | 500   |
| Chine   | 95  | 407 | 670 | 634 | 416   |

**BUOYANCY:**

Contained in Hull Lay-up 0.34  
 Airtight Compartments 0.58  
 Other TOT. 0.92

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



Yacht Number 8483

Owner John Helmsing

Address Leinpfad 22  
22301 Hamburg  
Germany

Fleet HF

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

**COPY**  
0.00 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.

Date of Issue 09.07.2017

Certified Weighmaster:

Signature Peter Moeckl

Print name Peter Moeckl

My term expires \_\_\_\_\_

White: Owner  
Yellow: Central Office  
Pink: Weighmaster/Measurer

YACHT NUMBER 8483

**MEASUREMENTS:**

**VOID - VOID - - - -**

**HULL MEASUREMENTS:**

A 4677  
 B 1192  
 C 1285  
 E 2170  
 O 6712  
 P 310  
 R 2064  
 Transom Angle 15.2°  
 L.O.A. 6911  
 Height of Point "B" 500  
 Chine Radius 10  
 Stem Radius OK  
 Side Flatness OK  
 Rudder Template OK  
 Rudder Thickness 29  
 Rudder Post Diameter 26  
 Skeg Depth 406  
 Skeg Contour 2  
 Tiller Material FIBERGLASS

Last fully measured hull from this mold # 3  
 on 15.4.2011

This is hull number 6 since that measurement.

**KEEL MEASUREMENTS:**

K1 1169  
 K2 1238  
 K3 34  
 K4 1354  
 K5 26  
 K6 770  
 K7 212  
 K8 300  
 K9 824  
 K10 965  
 K11 OK  
 K12 OK  
 K13 OK  
 K14 282

**KEEL CERTIFICATION:**

Keel weight 400,0 kg  
 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 9. Nov. 2007 on file at ISCYRA.

P. Schöberl  
 (Signature - Certified Star Class Measurer)



**HEIGHTS ABOVE BASELINE:**

| Station    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Keel       | 486 | 358 | 251 | 170 | 121 | 106 | 133 | 193 | 284 | 390 |
| Chine      | X   | X   | 296 | X   | X   | 232 | X   | 296 | X   | 442 |
| Side       | 810 | X   | 796 | X   | X   | 750 | X   | 712 | X   | 675 |
| Bottom Arc | X   | X   | OK  | X   | X   | OK  | X   | OK  | X   | OK  |

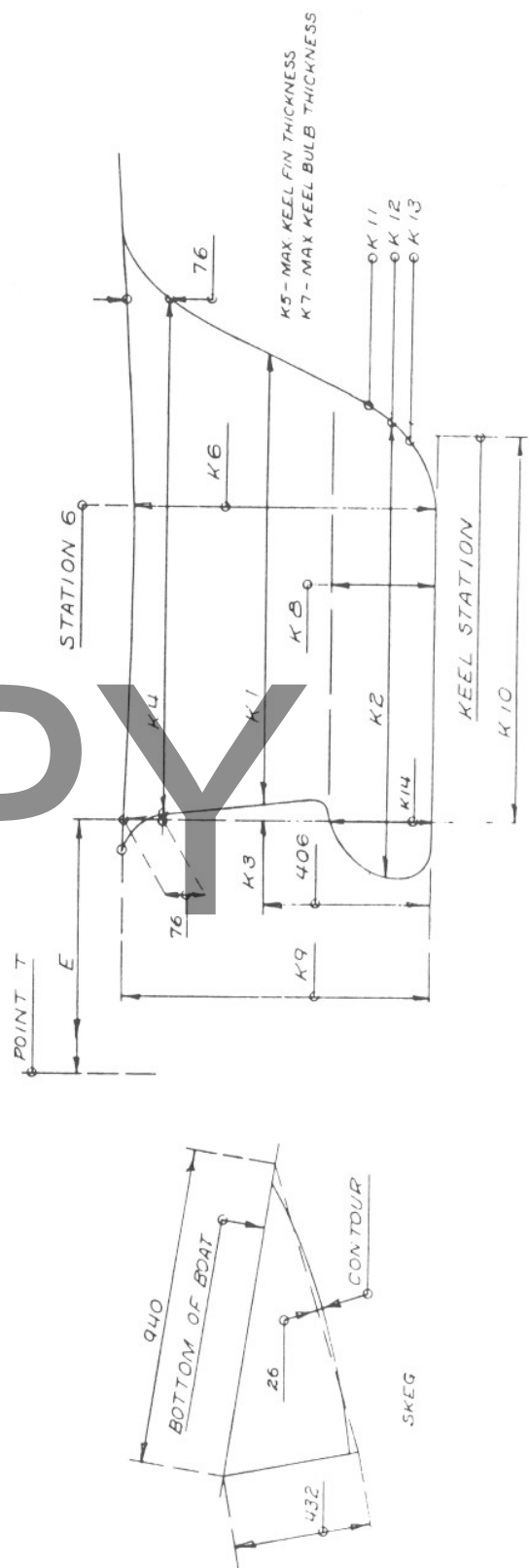
**HALF BREADTHS:**

| Station | 1   | 3   | 6   | 8   | Stern |
|---------|-----|-----|-----|-----|-------|
| Deck    | 197 | 599 | 851 | 781 | 500   |
| Chine   | 95  | 407 | 670 | 634 | 416   |

**BUOYANCY:**

Contained in Hull Lay-up 0,34  
 Airtight Compartments 0,58  
 Other TOT 0,92

**----VOID----**



**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 \_\_\_\_\_

17 JULY 2012

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



Yacht Number 8483

Owner JOHN HELMSING

Address LEINPFAD 22

22301 HAMBURG

GERMANY

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

**COPY**

2.00 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.

Date of Issue 19.6.2012

Certified Weighmaster:

Signature P. Schöberl

Print name PETER SCHÖBERL

My term expires \_\_\_\_\_



White: Owner  
Yellow: Central Office  
Pink: Weighmaster/Measurer



I.S.C. ★ Y.R.A.

## TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 18.6.2012

Date Issued: 19.6.2012

Expiration Date: 3.8.2012

(45 Days after Date Issued)

*B = 500 mm*  
I have measured Star # 8483 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 Certificate cannot be renewed and is subject to revocation by the Measurement Committee.

Signed By: P. Schöberl, Certified Measurer

Print Name: P. SCHÖBERL



- Copies
1. Owner
  2. Central Office
  3. Measurer