

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

6856

1. Yacht's Number _____
2. Number Molded Or Cut Into Keelson? yes
3. Yacht Name "BOREAS"
4. Year Built 1984
5. Builder Siegfried MEIER, CH-5606 DINTIKON/AG Switzerland
6. Owner Urs Waser
7. Address Bachmattweg 16, CH-5610 Wohlen,
8. Fleet ZUG Switzerland
9. Remarks _____

Sec.B. Declarations

1. To Be Signed By Builder:

I Certify that this yacht has been constructed in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print Name Siegfried MEIER, CH-5606 DINTIKON/AG

Signed S. Meier Date 25.4.84

2. To Be Signed By Outfitter: (If Other Than Builder)

I Certify that this yacht is, to the best of my knowledge, fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print Name Siegfried MEIER, CH-5606 DINTIKON/AG

Signed S. Meier Date 25.4.84

3. To Be Signed By Certified Star Class Measurer:

I Certify that I have measured the following items on this yacht, that the particulars on this form are correct, and that to the best of my knowledge this yacht complies with the rules of the I.S.C.Y.R.A. at present in force, unless noted in a letter, attached.

Items 1-8 Hull, Rudder, Skeg, Keel HANNES GUBLER

Certified Measurer I.S.C.Y.R.A.
8702 ZOLLIKON, Rebwiessstr. 54

Print Name _____

Signed: Hannes Gubler Date 18.4.1984

Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)

Print Name HANNES GUBLER

Signed: Hannes Gubler Date 25.4.1984

4. To Be Signed By Owner When Yacht Is Either Sold Or Structurally Altered.

I Certify that no alterations have been made to this yacht since original date of measurement, unless a rider describing measurements is attached.

Signed _____ Date _____

Sold To: _____ Of _____

Return This Certificate For Renewal - See Sec D.3.

PRINTED IN U.S.A.

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. C.

Instructions 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 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 Sect. A, and fill in all dimensions, and file both copies with International Measurement Committee. In the case when all dimensions are not available, file one copy with I.M.C. and forward one copy to owner who becomes responsible for obtaining completion of measurements.
3. Declarations must be signed by the builders and/or outfitters as well as the measurers.
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 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 International 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 International 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 VI.
3. This Certificate should be renewed when yacht is altered or sold. For renewal, send this Certificate and \$5.00 to International Measurement Committee, with notation as to any changes in Section A, or Section E.

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 for so long as the owner or owners of the said yacht are members of the International Star Class Yacht Racing Association.

Signed W. Wright
Chairman International Measurement Committee.

Date 5-30-84

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	353	246	165	118	105	130	192	280	390
CHINE			303			231		296		443
SIDE	815		787			741		707		680
BOT.ARC			OK			OK		OK		OK

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	615	870	795	483
CHINE	95	409	670	633	414

4 RUDDER FITS TEMPLATE? OK

THICKNESS 29 POST DIA 25

5 SKEG DEPTH 412
" LENGTH 810
" CONTOUR 22

6 KEEL DIMENSIONS

K1	<u>1165</u>	K10	<u>920</u>
K2	<u>1215</u>	K11	<u>85</u>
K3	<u>32</u>	K12	<u>82</u>
K4	<u>1370</u>	K13	<u>72</u>
K5	<u>26</u>	K14	<u>272</u>
K6	<u>775</u>		
K7	<u>216</u>		
K8	<u>308</u>		
K9	<u>825</u>		

7 WEIGHTS*

KEEL (WITH FINISH) 407 kg
HULL (AS MOLDED) 225 kg

8 BUOYANCY

CONTAINED IN HULL 0.36
ADDITIONAL 0.98 m3
☐ TANKS
☒ COMPARTMENTS
☐ CLOSED CELL FOAM

I.S.C.☆Y.R.A.
(Metric Measurements Preferred)

1 HULL MEASUREMENTS

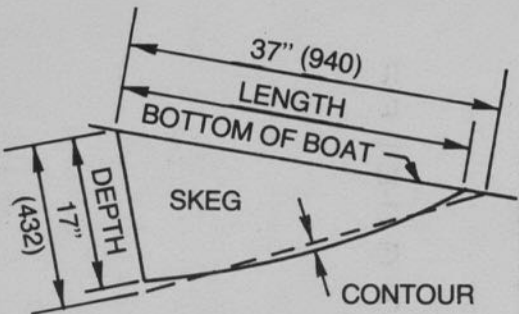
YACHT NO. 6856
WOOD OR G.R.P. GRP
L.O.A. 6934
DIMENSION "A" 4604
" "B" 1194
" "C" 1302
" "E" 2128
" "P" 308
" "R" 2035
" "S" 3
" "T" 15°

CHINE RADIUS OK? OK
STEM RADIUS OK? OK
SIDE FLATNESS OK? OK

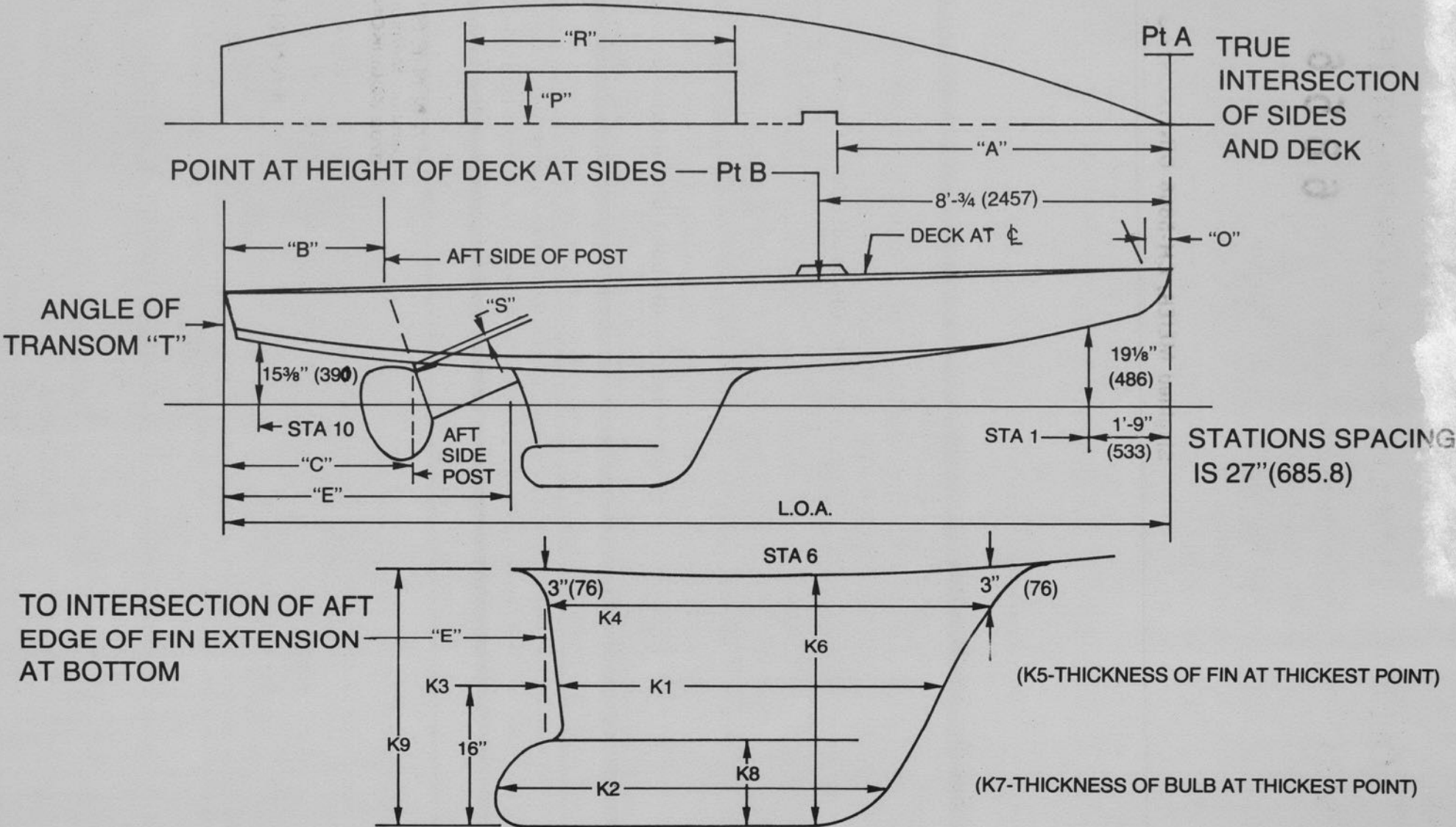
9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9650
Pt B TO JIB STAY 6910
BOOM LNG 4443
MAST TIP WT. 710 kg
DIMENSION "O" 6695
YACHT WEIGHT 685 kg
ADDED WEIGHT —
TOTAL WEIGHT —

COPY



* IS ISCYRA WEIGHT CERTIFICATE ATTACHED? yes



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

MAY 14 1984

I.S.C.Y.R.A. MAY 14 1984
Buoyancy Test Certificate

This Certificate Expires Two Years From Today On May 6th, 1984 *Y6*

For Owner of Yacht No. 6856

Owner's Name Waser Urs

Date of Buoyancy Test May 6th 1984

Instructions:

1. Each Star Class Yacht must pass the prescribed buoyancy test every two years.
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 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.)
4. Complete Certificate in duplicate. **Witness sends one copy to I.S.C.Y.R.A., 1545 Waukegan Rd., Glenview, IL 60025, U.S.A., owner shall retain other copy.**
5. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

Waser Urs

Owner's Name

Ch. Chase

Owner or Representative's Signature

5-6-1984

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.

Lautenschlager (Secretary SEM)

Witness' Name and Title

Kunst und Hand

Witness' Signature _____

5-6-1984

Date _____

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

6915
I.S.C.★Y.R.A.
YACHT WEIGHT CERTIFICATE



Yacht Number: 6856

Owner Urs Wasser

Address Badmattweg 16

CH - 5610 Wohlen

Fleet ZUG

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.

Certified Weighmaster: March 26, 1988

Signature Hannes Gubler

Print name HANNES GUBLER

Certified Measurer I.S.C.Y.R.A.
8702 ZOLLIKON, Rebwiesstr. 54

My term expires _____

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

APR 4 1988

CENTRAL OFFICE

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

6856

TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 18.4.1984

Date Issued: 25.4.1984

Expiration Date: 9.6.1984 *June 6, 1984*

(45 days after Date Issued)

I have measured Star # 6856 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.

COPY

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

Signed By: Hannes Gubler, Certified Measurer

Print Name: HANNES GUBLER
Certified Measurer I S C Y R A
8702 ZOLLIKON, Rebwiesstr. 54

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

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

MAY 7 1984

CENTRAL OFFICE

6856

HANNES GUBLER

Rebwiesstrass 54
8702 Zollikon, ZH
Switzerland

Mr. William W. Wright
Chief Measurer
I.S.C.Y.R.A

Dear Mr. Wright:

Enclosed please find the certificates of 2 new Starboats
(6856, 7025) from Siegfried Meier. The type is the same he
built 1979/80, with only minor changes of the deck-Layout
and the compartments for buoyancy.

Zollikon, 30.4.1984

Very truly yours,

COPY

Hannes Gubler

P.S.

Please send new forms J

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

MAY 7 1984

CENTRAL OFFICE

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No.	<u>8401</u>
	Yacht No.	<u>6856</u>
B	Hull Less Skeg	<u>225</u> kg
	Hull with Skeg	_____
C	Keel Less Finish	<u>398</u> kg
	Keel with Finish	<u>407</u> kg

I certify that the hull and keel weights shown were measured on a balance scale, or spring scale, or an electric load cell, (underline one) which has been calibrated with in the last year to $\frac{1}{2}$ of 1%.

Builder must fill in at least one item in each of A, B, and C, and sign

Date 25.4.84

Signed S. Meier

D	Yacht Weight with Rig	<u>685</u> kg
	Added Weight	<u>✓</u> kg
	(Describe type and location)	_____

I certify that the yacht weight shown is measured on a balance scale, or spring scale, or an electric load cell (Underline one) which has been calibrated within the last year to $\frac{1}{2}$ of 1%. Builder, Outfitter or Owner must sign

Date 25.4.84

Signed S. Meier

Siegfried MEIER, CH-5606 DINTIKON/AG