

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6187
2. Number Molded Or Cut Into Keelson? OK
3. Yacht Name _____
4. Year Built 1978
5. Builder GIANNI LILLIA-HUSSO (COMO) - (COLOMBO TYPE)
6. Owner TRONCHETTI MARCO
7. Address PIAZZA S.AMBROGIO 1 MILANO
8. Fleet ALTO LARIO
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 GIANNI LILLIA
Signed MUSSO (Como) Date 10/5/1978
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 _____
Signed _____ Date _____
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
Print Name LUIGI PONCI
Signed: Luigi Ponci Date 10/5/1978
Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)
Print Name _____
Signed: _____ Date _____
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.

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. C.

Instructions To Measurers

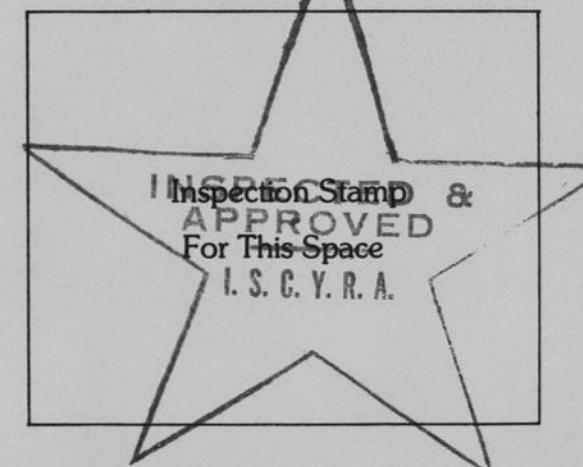
1. The duties of a Certified Measurer are confined to measuring yachts and reporting facts. He has no authority to grant or reject certificates or interpret rules. Complete instructions as to how to measure will be sent to him by the International Measuring Committee after his appointment.
2. This Form 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 William V. Richards
Chairman International Measurement Committee.

Date 78-08-02

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	353	244	168	125	106	128	190	281	390
CHINE			303			231		291		450
SIDE	814		785			769		703		620
BOT.ARC			OK			OK		OK		OK

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	618	864	800	500
CHINE	95	609	676	634	615

4 RUDDER FITS TEMPLATE? ☒

THICKNESS 28 POST DIA 25

5 SKEG

DEPTH 426
" LENGTH 828
" CONTOUR 5

6 KEEL DIMENSIONS

K1 1149
K2 1218
K3 40
K4 1355
K5 25
K6 775
K7 215
K8 292
K9 812

7 WEIGHTS*

KEEL (WITH FINISH) 400/404
HULL (AS MOLDED) 198

8 BUOYANCY

CONTAINED IN HULL ft^3 12
ADDITIONAL ft^3 15
☐ TANKS
☒ COMPARTMENTS
☒ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

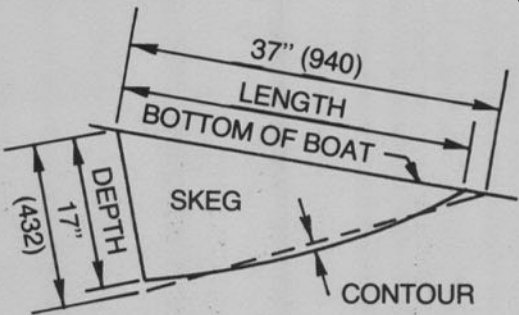
YACHT NO. 6187
WOOD OR G.R.P. GRP
L.O.A. 6934
DIMENSION "A" 2340
" "B" 1143
" "C" 1308
" "E" 2160
" "P" 310
" "R" 1280
" "S" 6
" "T" 15

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

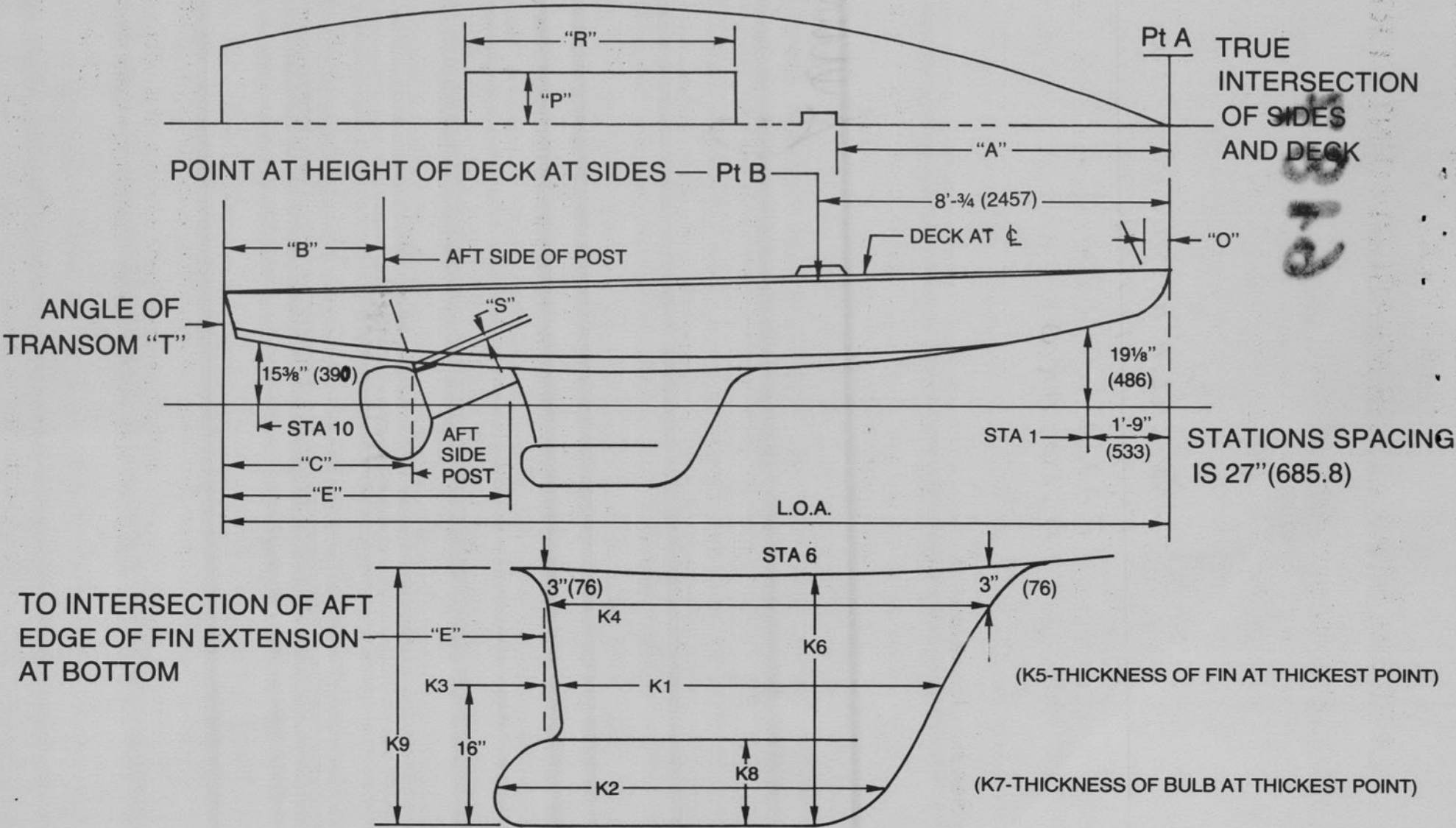
9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9677
Pt B TO JIB STAY 6930
BOOM LNG 4445
MAST TIP WT. kg 7035
DIMENSION "O" 225
YACHT WEIGHT 675
ADDED WEIGHT
TOTAL WEIGHT 675

COPY



* IS ISCYRA WEIGHT CERTIFICATE ATTACHED? ☒



BTC 1981

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

NOV 7 1983

CENTRAL OFFICE

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

Buoyancy Test Certificate

This Certificate Expires Two Years From Today On October 3rd, 1985

For Owner of Yacht No. 6187

Owner's Name GIULIANO BRUSA - Via Paravia 73 - Milano

Date of Buoyancy Test October 3rd, 1983

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.)

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

GIULIANO BRUSA

Owner's Name

Handwritten Signature

Owner or Representative's Signature

03/10/83

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.

LUIGI PONCI

Witness' Name and Title

Handwritten Signature

Witness' Signature

Handwritten Signature

3/10/83

Date

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

6187

6187

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:

COPY

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

LEGA NAVALE ITALIANA
SEZIONE DI MANDELLO DEL LARIO
11 PRESIDENTE

LNI Mandello

~~Builder or Owner~~

P.L. Lodi

~~Builder or Owner's Signature~~

2 LUG. 1998

~~Date~~

C 4.7-98

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

White: Owner

Blue: Central Office

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Duplicate Issued
10 June 1998 DD
(mailed to Felice Bortoli)

YACHT NUMBER 6187

Builder Gianni Lillia-Musso (Como) (Colombo Type) Year Built 1978

Builder's Hull Number -- Construction Material GRP

Type and location of yacht number in hull cut into keelson

Yacht Name _____ Fleet Isola Comacina

Owner LNI Mandello

Address Via Pra Magno, I-22054 Mandello del Lario LC, Italy

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 Luigi Ponci

Signed Luigi Ponci Date 10 May 1978
(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 Gianni Lillia

Signed Gianni Lillia Date 10 May 1978
(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)

MEASUREMENTS:**HULL MEASUREMENTS:**

A 2370
 B 1173
 C 1908
 E 2140
 O 225
 P 310
 R 1980
 Transom Angle 15°
 L.O.A. 6934
 Height of Point "B" --
 Chine Radius ok
 Stem Radius ok
 Side Flatness ok
 Rudder Template ok
 Rudder Thickness 28
 Rudder Post Diameter 25
 Skeg Depth 426
 Skeg Contour 5
 Tiller Material --

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

This is hull number -- since that measurement

KEEL MEASUREMENTS:

K1 1149
 K2 1218
 K3 40
 K4 1355
 K5 25
 K6 775
 K7 215
 K8 292
 K9 812
 K10 --
 K11 --
 K12 --
 K13 --
 K14 --

KEEL CERTIFICATION:

Keel weight 404 kg. 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.

Luigi Ponci

(Signature - Certified Star Class Measurer)

HEIGHTS ABOVE BASELINE:

Station	1	2	3	4	5	6	7	8	9	10
Keel	486	353	244	168	125	106	128	192	281	390
Chine	X	X	303	X	X	231	X	291	X	450
Side	814	X	785	X	X	749	X	703	X	690
Bottom Arc	X	X	ok	X	X	ok	X	ok	X	ok

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	206	618	804	800	500
Chine	95	409	676	634	415

BUOYANCY:

Contained in Hull Lay-up 12 Ft³
 Airtight Compartments } 15 Ft³
 Other-closed cell foam }

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

Buoyancy Test Certificate

This Certificate Expires Two Years From Today On October 3rd, 1985

For Owner of Yacht No. 6187

Owner's Name GIULIANO BRUSA - Via Paravia 73 - Milano

Date of Buoyancy Test October 3rd, 1983

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.)

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

GIULIANO BRUSA

Owner's Name

Giuliano Brusa
Owner or Representative's Signature

03/10/83

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.

LUIGI PONCI

Measurer
Witness' Name and Title

Luigi Ponci
Witness' Signature

3/10/83
Date



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

SEP 19 1983

CENTRAL OFFICE

CANTIERE NAUTICO LILLIA
22010 MUSSO (Como) ITALY
Via Provinciale, 21 - Tel. (0344) 81223
Partita IVA 00258380138
Cod. Fiscale LLL DNC 41A16 F828M

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

1545 Waukegan Road

GLENVIEW - IL 60925

U.S.A.

Musso, 10/09/83

Attestation = Chairman Measurement Committee

We need a copy of Measurement Certificate N. 6187 which has been lost.

Furthermore it has to be renewed with the following changes :

- New owner : BRUSA GIULIANO - Via Paravia 73 - Milano - Italy
- Fleet : Mandello

No alterations have been made to this yacht since original date of measurement.

Please cash the money from our account.

Thanking for your kind help and asking to send this Certificate directly to our Boatyard office, we are,

Yours sincerely,

CANTIERE NAUTICO

CANTIERE NAUTICO LILLIA

MUSSO (Como)

*Recep M
9.19.83*

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.

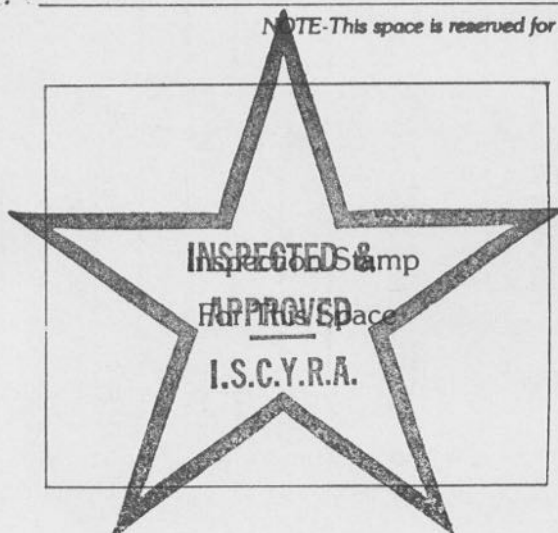
Conditions Under Which Certificate Is Issued

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 \$10.00 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

William V. Richards
Chairman International Measurement Committee. 78-08-02

XXXX Duplicate Issued September 19, 1983 By:
Date *Kevin Jaska* Executive Secretary

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	353	266	168	125	106	128	192	281	390
CHINE						231		221		450
SIDE	814		303			769		403		690
BOT.ARC						OK		OK		OK

* MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	618	864	800	500
CHINE	95	602	676	634	415

4 RUDDER FITS TEMPLATE?

THICKNESS 28 POST DIA 25

5 SKEG DEPTH

426
LENGTH 828
CONTOUR 5

6 KEEL DIMENSIONS

K1 1169
K2 1218
K3 40
K4 1355
K5 25
K6 775
K7 215
K8 292
K9 812

7 WEIGHTS*

KEEL (WITH FINISH) 403/404

HULL (AS MOLDED) 198

8 BUOYANCY

CONTAINED IN HULL 12
ADDITIONAL 15

☐ TANKS
☒ COMPARTMENTS
☒ CLOSED CELL FOAM

I.S.C. ☆ Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

YACHT NO. 6187

WOOD OR G.R.P. G.R.P.

L.O.A. 6934

DIMENSION "A" 2340

"B" 1143

"C" 1308

"E" 2160

"P" 310

"R" 1980

"S" 6

"T" 15

CHINE RADIUS OK? OK

STEM RADIUS OK? OK

SIDE FLATNESS OK? OK

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9677

Pt B TO JIB STAY 6930

BOOM LNG 4445

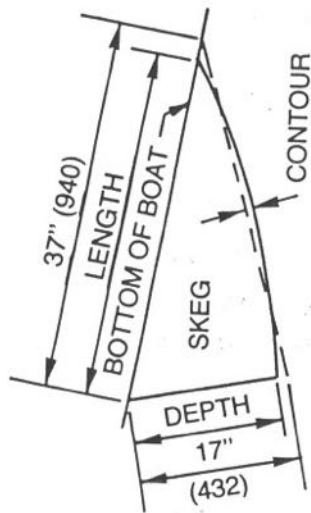
MAST TIP WT. kg 7035

DIMENSION "O" 225

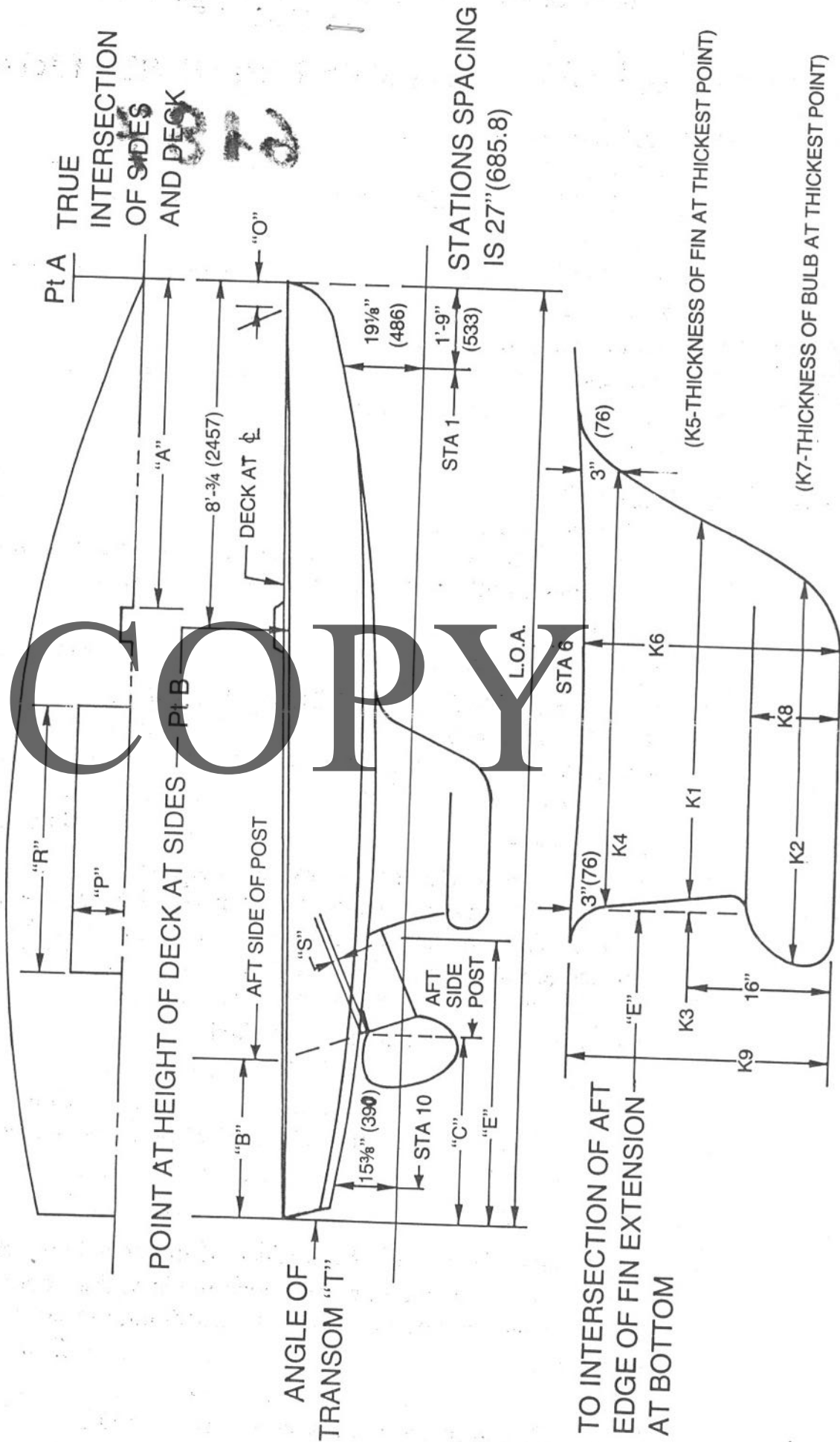
YACHT WEIGHT 675

ADDED WEIGHT

TOTAL WEIGHT 675



* IS ISCYRA WEIGHT CERTIFICATE ATTACHED? X



International Star Class Yacht Racing Association
(I.S.C.Y.R.A.)

Form J

Revised 1977 Jan 1.

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6187
2. Number Molded Or Cut Into Keelson? OK
3. Yacht Name _____
4. Year Built 1978
5. Builder Gianni Lillia, Musso (Como) - (Colombo Type)
6. Owner Brusa Giuliano
7. Address Via Paravia 73, Milano, Italy
8. Fleet Mandello
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 Gianni Lillia

Signed Gianni Lillia Date 10/5/78

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 _____

Signed _____ Date _____

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

Print Name Luigi Ponci

Signed: Luigi Ponci Date 10/5/78

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

Print Name _____

Signed: _____ Date _____

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.

not completed
on original
D. Ponci

International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No. _____
	Yacht No. <u>6187</u>
B	Hull Less Skeg <u>198</u>
	Hull with Skeg <u>201</u>
C	Keel Less Finish <u>400</u>
	Keel with Finish <u>404</u>

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 within 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 30/4/1978

Signed [Signature]

D	Yacht Weight with Rig <u>675</u>
	Added Weight _____ (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 10/5/1978

Signed [Signature]