

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. A.

DESCRIPTION OF MEASURED YACHT

IMPORTANT — The following information must be supplied by the Certified Measurer who actually measured the yacht. The yacht's number, its only means of identification, must be cut or burned in at least 3" figures into upper side of keelson and checked against award of number royalty receipt (Form R-2), otherwise Measurer is instructed NOT TO MEASURE the yacht.

1. YACHT'S NUMBER? 6096
2. Was this number cut or burned into keelson as required above? OK.
3. Yacht's name VAYU 4. Year built 1977
5. By whom built? GIANNI LILLIA - MUSSO (CO) - COLOMBO TYPE
6. Owner's name MORBELLI BRUNO & NORBIATO GUIDO
7. Address VIA S. VINCENZO, 18D - MILANO -
8. Fleet LECCO 9. Remarks

CERTIFIED MEASURER'S AFFIDAVIT

I hereby certify under oath that I personally measured the yacht herein described on the day of March, 1977, according to instructions issued by the International Measurement Committee and that I have correctly and truthfully recorded the yacht's dimensions on the reverse side of this form and that the above information is true and correct to the best of my knowledge and belief.

Date signed and filed 23/3/1977 Signed [Signature]
Certified Star Measurer

NOTE: IF THERE IS ANYTHING ABOUT THE YACHT'S CONSTRUCTION OR OTHERWISE WHICH YOU BELIEVE CONTRARY TO RULES OR NOT ACCORDING TO STANDARD, REPORT THIS IN A LETTER ATTACHED TO THIS FORM AND DESCRIBE IN DETAIL WITH SKETCH IF NEEDED.

WARNING

If structural alteration or repairs are made (except to sails) the yacht must be measured. If in doubt, obtain ruling from International Measurement Committee. This Certificate becomes void unless owner upon the sale or transfer of the yacht signs the Renewal Affidavit below.

AFFIDAVIT OF NO ALTERATIONS

SOLD OR TRANSFERRED TO _____ of _____
I hereby certify under oath that no alterations have been made to the said yacht since original date of measurement, unless a rider covering measurements is affixed to this Certificate.

Date _____ Signed _____ former owner

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec. C.

INSTRUCTIONS TO CERTIFIED 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 Sec. A, and fill in all dimensions called for. Then file both copies with International Measurement Committee.
3. Sails are measured before sanctioned championships, at other times the Fleet is responsible for checking them. Certified Measurers, if authorized by a Fleet, can approve or reject sails.
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 OR RENEWAL 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 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 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 VII.
3. This Certificate should be renewed in name of new owner. For renewal, send this Certificate and \$1.00 to International Measurement Committee, with notation as to change of boat's name, if any.

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 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

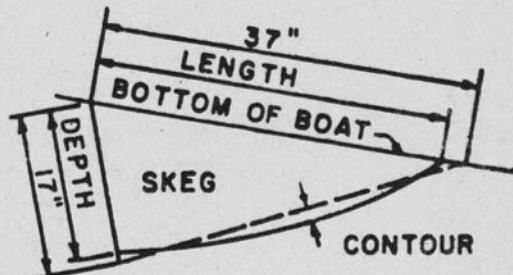
Date 5 April 1977

HEIGHTS										
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF.	486	353	244	168	125	106	128	192	281	391
CHINE			303			231		290		450
SIDE *	344		528			554		444		255
BOTTOM ARC			OK			OK		OK		OK

* MEASURED ALONG SURFACE OF PLANKING

HALF BREADTHS					
STATIONS	1	3	6	8	STERN
DECK	206	616	865	800	500
CHINE	95	409	675	634	415

RUDDER
WIDTH 465 TO ϵ OF POST
DEPTH 780
FITS TEMPLATE? OK



SKEG
DEPTH 412
CONTOUR 6
LENGTH ALONG CURVE 827

K1 1143
K2 1214
K3 45
K4 1350
K5 25
K6 780
K7 210
K8 291
K9 816

WEIGHT:
KEEL 405
† HULL 189
YACHT 674

MOMENT OF INERTIA
TEST RESULT 27 ft^2 POSITIVE BUOYANCY
SEALED COMP TYPE OF BUOYANCY
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)

I.S.C. ★ Y.R.A.

YACHT NO. 6096
L.O.A. 6933
MAST FROM B 9677
BOOM LENGTH 4645
JIB STAY FR. B 6930 DIA. 3
DIMENSION "A" 2370
"B" 1173
"C" 1308
"E" 2140
"O" 225
"P" 310
"R" 1980
"S" 6
"T" 15°

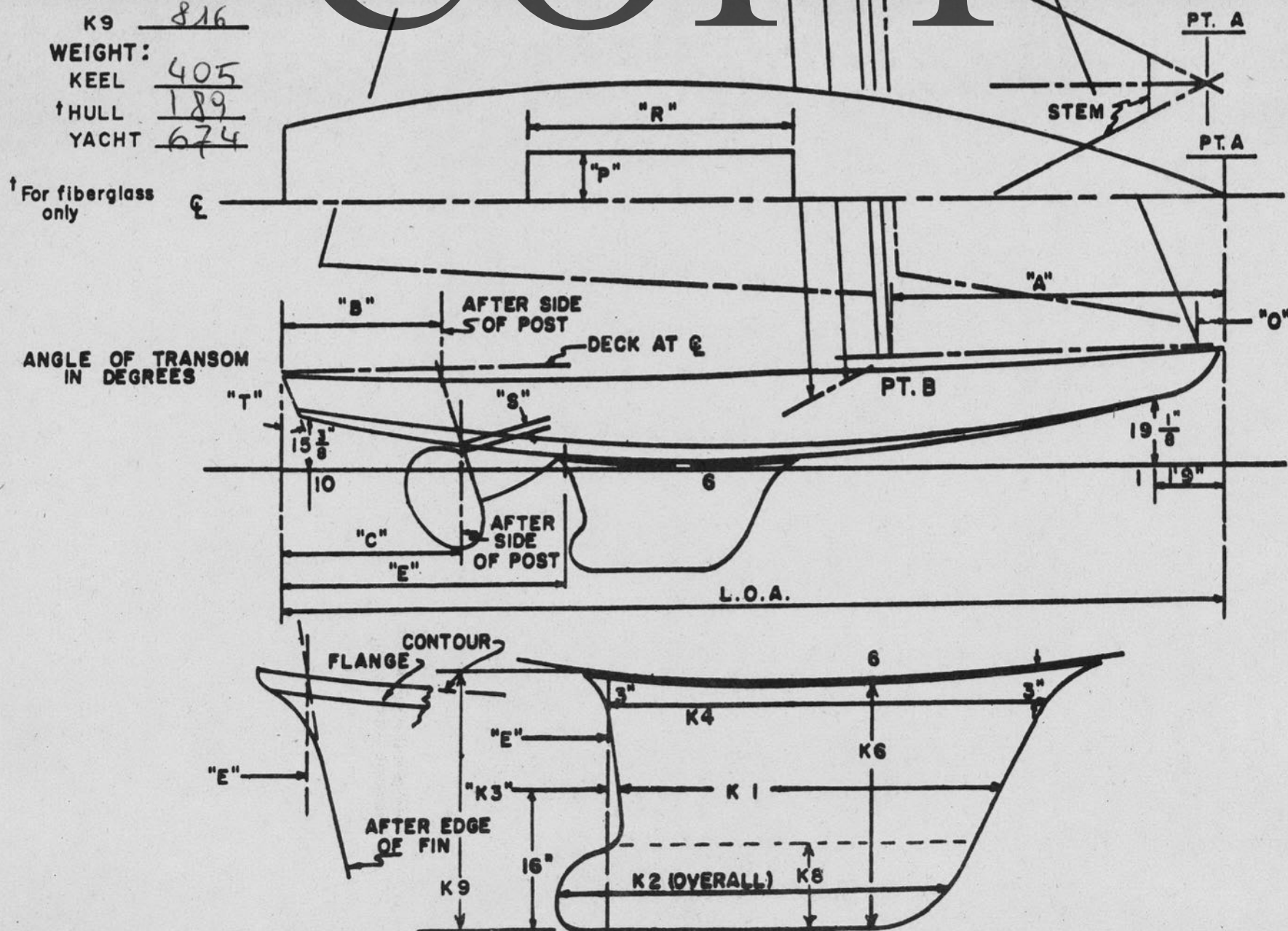
IS CONSTRUCTION WOOD
OR FIBERGLASS? GLASS

IS CONSTRUCTION AS PER
RULES AND PLANS? OK

IS KEEL WEIGHT CERTIFICATE
ATTACHED? YES

"SIDE FLATNESS"? OK

STEM FITS TEMPLATE? OK



OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Duplicate Issued
14 June 2002 by SLD

YACHT NUMBER 6096

Builder Gianni Lillia - Musso(CO)-Colombo Type Year Built 1977

Builder's Hull Number _____ Construction Material GRP

Type and location of yacht number in hull cut into keelson

Yacht Name Vayu Fleet Jonio

Owner Mario Papa

Address Viale Trentino 34, I-74100 Taranto, 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 23 March 1977
(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 23 March 1977
(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	1308
E	2140
O	225
P	310
R	1980
Transom Angle	15°
L.O.A.	6933
Height of Point "B"	--
Chine Radius	--
Stem Radius	ok
Side Flatness	ok
Rudder Template	ok
Rudder Thickness	--
Rudder Post Diameter	--
Skeg Depth	412
Skeg Contour	6
Tiller Material	--

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

This is hull number -- since that measurement.

KEEL MEASUREMENTS:

K1	1143
K2	1214
K3	45
K4	1350
K5	25
K6	780
K7	210
K8	291
K9	816
K10	--
K11	--
K12	--
K13	--
K14	--

KEEL CERTIFICATION:

Keel weight 405kg.

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	391
Chine			303			231		290		450
Side	344		528			554		444		255
Bottom Arc			ok			ok		ok		ok

HALF BREADTHS:

Station	1	3	6	8	Stern
Deck	206	616	865	800	500
Chine	95	409	675	634	415

BUOYANCY:

Contained in Hull Lay-up 27 ft.³

Airtight Compartments yes

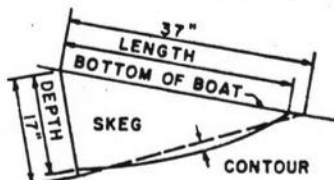
Other _____

HEIGHTS										
STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF	486	353	244	168	125	106	128	192	281	391
CHINE			303			231		290		450
SIDE *	344		528			554		664		255
BOTTOM ARC			OK			OK		OK		OK

* MEASURED ALONG SURFACE OF PLANKING

HALF BREADTHS					
STATIONS	1	3	6	8	STERN
DECK	206	616	865	800	500
CHINE	95	409	675	634	415

RUDDER
WIDTH 465 TO ϵ OF POST
DEPTH 780
FITS TEMPLATE? OK



SKEG
DEPTH 412
CONTOUR 6
LENGTH ALONG CURVE 827

K1 1143
K2 1214
K3 45
K4 1350
K5 25
K6 780
K7 210
K8 291
K9 816

WEIGHT:
KEEL 405
HULL 189
YACHT 674

MOMENT OF INERTIA

TEST RESULT 21 ft POSITIVE BUOYANCY
SEALED COMP TYPE OF BUOYANCY
(SEALED COMPARTMENTS, TANKS,
OR CLOSED CELL FOAM.)

I.S.C.



Y.R.A.

YACHT NO. 6096
L.O.A. 6933
MAST FROM B 9677
BOOM LENGTH 6645
JIB STAY FR. B 6930 DIA. 3
DIMENSION "A" 2370
"B" 1173
"C" 1308
"E" 2160
"O" 225
"P" 310
"R" 1980
"S" 6
"T" 15°

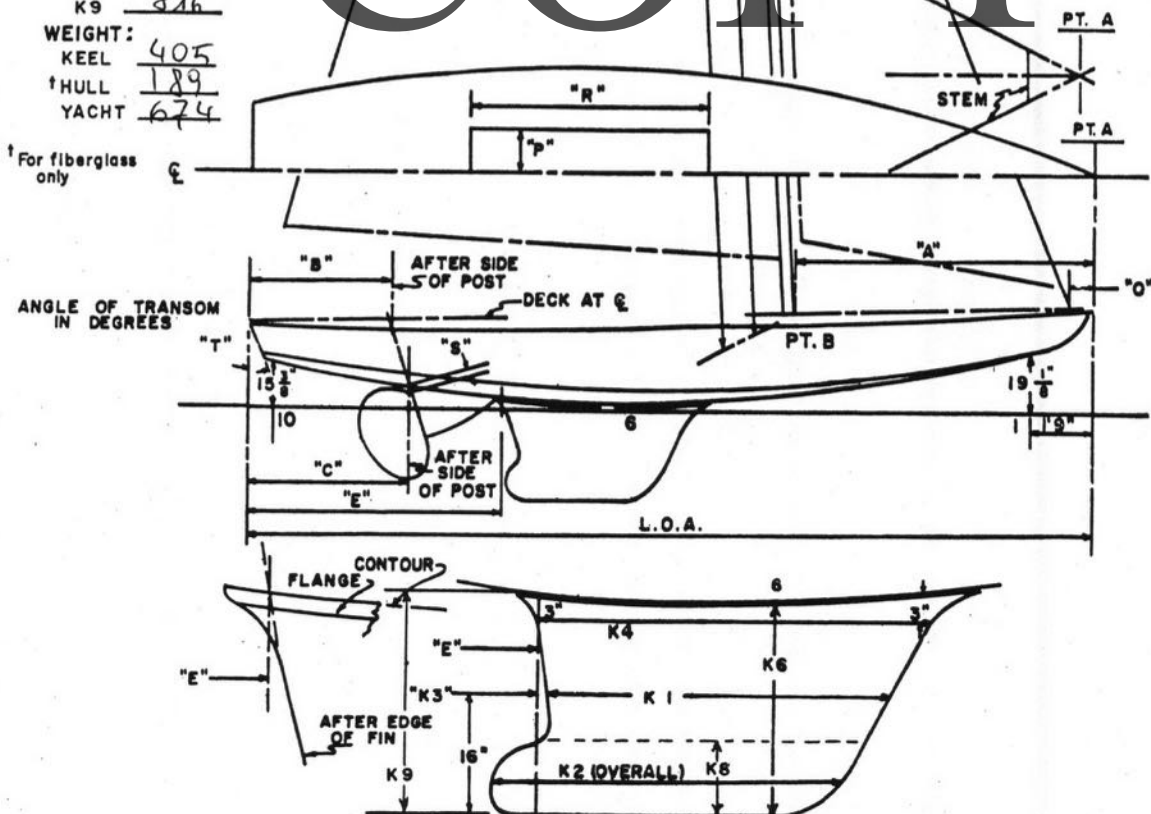
IS CONSTRUCTION WOOD
OR FIBERGLASS? GLASS

IS CONSTRUCTION AS PER
RULES AND PLANS? OK

IS KEEL WEIGHT CERTIFICATE
ATTACHED? YES

"SIDE FLATNESS"? OK

STEM FITS TEMPLATE? OK



YACHT NUMBER

6096

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 a copy of completed Certificate by mail to I.S.C.Y.R.A., 1545 Waukegan Road, Glenview, IL 60025 USA; or by fax to +1 847 729 0718. Owner shall retain a 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.

MARIO PAPA

~~Builder or Owner~~
(Print or type name.)

28/12/2001
Builder or Owner's Signature
(Sign name.)

28/12/2001
Date
(Month / Day / Year)

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

Copy 1: Owner
Copy 2: Central Office

(buoyancy test certificate REV-4/99)

ENTERED MAR 26 2002
RECEIVED MAR 26 2002

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

*Duplicate
Issued 5-15-99
ACA*

YACHT NUMBER 6096
Builder Gianni Lillia - Musso (CO) Colombo Year Built 1977
Builder's Hull Number - ^{type} Construction Material GRP
Type and location of yacht number in hull cut or burned into keelson
Yacht Name _____ Fleet Jonio
Owner Lega Navale Italiana Sezione di Taranto
Address Lungomare Vittorio Emanuele II, 2, I-74100 Taranto, 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 23 March 77
(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 23 March 77
(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)

6096

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

Builder or Owner

Sezione di Taranto



Builder or Owner's Signature

05.09.99.

Date

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

White: Owner

Blue: Central Office

C12-6-99
RECEIVED NOV 04 1999

I.S.C. ★ Y.R.A.

Buoyancy Test Certificate

For Owner of Yacht No. 6096Owner's Name NORBELLI BRUNO - NORBIATO GUIDODate Yacht Acquired 12 / 5 / 77Former Owner ///

1. Each owner must obtain a Buoyancy Test Certificate upon acquiring a new or used yacht by conducting a Buoyancy Test. Prior owner's Certificate is not transferable.
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 rig and all normal racing equipment ~~except~~ sails shall be swamped on a hoist. Boat shall remain afloat, with slack hoist and mooring lines, for 10 minutes.
4. Complete Certificate in duplicate. Witness sends one copy to I.S.C.Y.R.A., owner shall retain other copy.
5. Describe additional flotation equipment, other than hull structure. (Mention type, size, location, etc.)

40 dm³ floating foam in two pieces under bow deck

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

NORBIATO GUIDO

Owner's Name

Guido Norbiato

Owner's Signature

MARCH 12th 1978

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.

GUGGIARILUCIANO LARIO FLEET SECRETARY

Witness' Name and Title

[Signature]

Witness' Signature

MARCH 12th 1978

Date

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

YACHT NUMBER 6096
Builder Gianni Lillia - Musso (CO) Columbo Year Built 1977
Builder's Hull Number — ^{type} Construction Material GRP
Type and location of yacht number in hull cut or burned into keelson
Yacht Name _____ Fleet Jonio
Owner Lega Navale Italiana Sezione di Taranto
Address Lungomare Vittorio Emanuele II, 2, I-74100 Taranto, 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
(Certified Star Class Measurer)

Date 23 March 77

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
(Builder)

Date 23 March 77

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 PIETRO MARZO

Signed _____

IL PRESIDENTE
Capitano di Fregata (aus)
Pietro MARZO
Pietro Marzo

Date _____



HEIGHTS

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL PROF.	486	353	244	168	125	106	128	192	281	391
CHINE			303			231		290		450
SIDE *		344		528		554		664		255
BOTTOM ARC			OK			OK		OK		OK

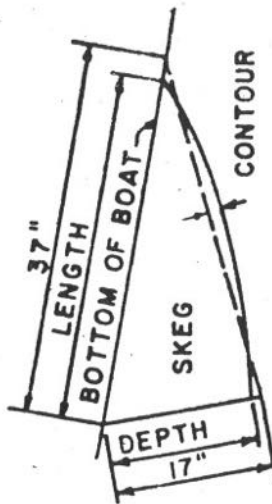
* MEASURED ALONG SURFACE OF PLANKING

HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	206	616	865	800	500
CHINE	95	409	675	634	415

RUDDER

WIDTH 465 TO & OF POST
DEPTH 780
FITS TEMPLATE? OK



SKEG

DEPTH 412
CONTOUR 6
LENGTH ALONG CURVE 827

K1	1143
K2	1214
K3	45
K4	1350
K5	25
K6	780

MOMENT OF INERTIA #-ft²
TEST RESULT 27 ft³ POSITIVE BUOYANCY
SEALED COMP TYPE OF BUOYANCY

YACHT NO. 6096
L.O.A. 6933
MAST FROM B 9677
BOOM LENGTH 6645
JIB STAY FR. B 6930 DIA. 3
DIMENSION "A" 2370
"B" 1173
"C" 1308
"E" 2140
"O" 225
"P" 310
"R" 1980
"S" 6
"T" 15°

IS CONSTRUCTION WOOD OR FIBERGLASS? GLASS

IS CONSTRUCTION AS PER RULES AND PLANS? OK

IS KEEL WEIGHT CERTIFICATE ATTACHED? YES

"SIDE FLATNESS"? OK

STEM FITS TEMPLATE? OK

COPY

B TO TOP OF SHEAVE
B TO INTERSECTION

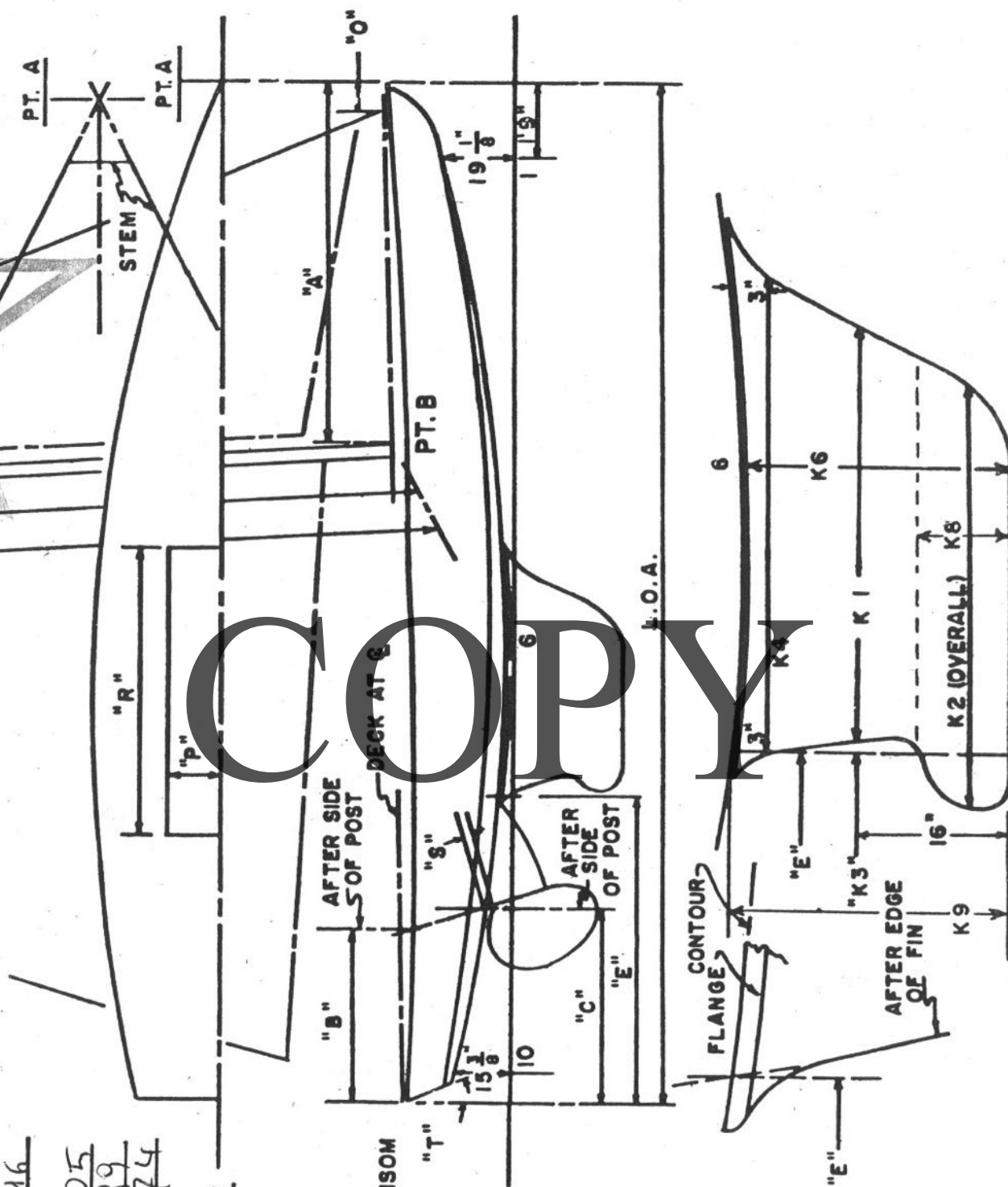
K6	$\begin{array}{r} +80 \\ \hline \end{array}$
K7	$\begin{array}{r} 210 \\ \hline \end{array}$
K8	$\begin{array}{r} 291 \\ \hline \end{array}$
K9	$\begin{array}{r} 816 \\ \hline \end{array}$

WEIGHT:

WEIGHT.	405
KEEL	189
↑ HULL	674
YACHT	

† For fiberglass only

ANGLE OF TRANSOM
IN DEGREES



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 William V. Richards 5 April 77
(Chairman International Measurement Committee)

Date Duplicate Issued 5-15-99
By: Carine L. Ackes Administrative Secretary

FONDERIE MINALI GIUSEPPE

Via L. Serio, 21 - Tel. 201064
24050 GRASSOBBIO (BG)

Mandato di Consegna N. 3

GRASSOBBIO il 6/2 1977

Spett/le Ditta NAUTICA LILLIA GIANNI

M U S S O (COMO)

1. Bulbo "Star" Kg. 405

COPY

*Inf. forn.
X. n. 6006*

SEGUE FATTURA

Da consegnare al Cliente

FONDERIE
MINALI GIUSEPPE

