

SEC. C. 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 made out by the certified measurer in duplicate. He must answer I through VI in the Hull Measurement and all under Keel Measurements. Both Copies are to be sent to the I.S.C.Y.R.A. central office. In case some dimensions are not available, file one copy with the I.S.C.Y.R.A. and forward one copy to the owner who becomes responsible for its completion.
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 cannot measure a yacht in which he owns an interest.

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 revoked if any structural changes are made or if not properly transferred to a new owner. It may be revoked at any time by order of the International Measurement Committee or the International Governing Committee.
2. This certificate shall be binding on all members, fleets, clubs, or organizations conducting races for the Star Class. 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.
3. This certificate shall be replaced when the yacht is altered or sold. For replacement, send this certificate and ten dollars, U.S. Funds, to the I.S.C.Y.R.A. Central Office.



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

Signed Joyntrowler
(Chairman International Measurement Committee)

Date 23 January 1987

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

- 7221 G
1. Yacht's Number 7221
 2. Builder PAMERAF PTY LTD.
 3. Year Built 1986
 4. Builder's Hull Number 18
 5. Material of Construction G.R.P.
 6. Type and location of characters used to install yacht number in hull NUMBERS CUT INTO KEELSON FWD. OF CONSOLE.
 7. Yacht Name "ASTRO TOY"
 8. Owner S. LANGMAN
 9. Address 1 BRADLEY AVE. MILSONS POINT 2061, N.S.W. AUSTRALIA
 10. Fleet SYDNEY
 11. Remarks

SEC. B. DECLARATIONS:

1. I certify that I have measured items I through VI under hull measurements and K1 through K14 under keel measurements on page two of this certificate and have entered the data, the information is correct and complies with I.S.C.Y.R.A. rules.
Print name DENIS O. HEYWOOD
Signed D. Heywood Date 9TH JANUARY 1987
(Certified Star Class Measurer)
2. I certify that this yacht has been constructed in accordance with current plans and specifications of the I.S.C.Y.R.A., and that the keel conforms to the approved keel plan. I have completed item VII, Buoyancy, on page two under Hull Measurements.
Print name PAMERAF PTY LTD.
Signed [Signature] Date 9TH JANUARY 1987
(Builder)
3. I certify that this yacht has been fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.
Print name S. LANGMAN
Signed [Signature] Date 9TH JANUARY 1987
(Outfitter)
4. TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES
I certify that no alterations have been made on this yacht that would affect the measurements recorded on page two of this document.
Print name S. LANGMAN
Signed [Signature] Date 9TH JANUARY 1987
(Owner)
5. TO BE COMPLETED WHEN STRUCTURAL CHANGES HAVE BEEN MADE ON A YACHT
I certify that I have inspected the changes outlined in the attached plan covering the structural alterations made on this yacht and find them to be in accordance with the current plans and specifications of the I.S.C.Y.R.A.
Print name _____
Signed _____ Date _____
(Certified Star Class Measurer)

YACHT NUMBER 7221

HULL MEASUREMENTS:

I.
A. 4542
B. 1157
C. 1322
E. 2139
O. 6634
P. 304
R. 1976
S. 3
TA. 155
L.O.A. 6911

II.
Chine Radius OK
Stem Radius OK
Side Flatness OK

III.
Rudder Template OK
Thickness 27
Post Dia. 25

IV.
Skeg Depth 421
Skeg Contour 4

V.
Heights Above Baseline:

Stations	1	3	6	8	10
Keel	456	253	99	188	390
Chine	830	315	231	303	464
Side	830	799	706	721	694
Bottom Arc		OK	OK	OK	OK

Half Breadths:	1	3	6	8	Stern
Stations	198	599	852	782	455
Deck	95	408	675	634	412
Chine					

VII.
Buoyancy: (Builder)
Hull 367 m³
Tanks 150 m³
Compartments 140 m³ - 1200 308 m³
Closed Cell Foam NIL
Air Bags NIL

KEEL MEASUREMENTS:

K1 1162
K2 1221
K3 33
K4 1358
K5 26
K6 763
K7 220
K8 311
K9 806
K10 958
K11 86
K12 85
K13 66
K14 313

WEIGHT CERTIFICATION:

Keel less finish 395 kgs
Keel with finish 396 kgs

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name Angela R. Blythe
Signed [Signature] Date 9/11/87
(Builder)
Yacht weight with rigging 671 kgs

Added Weight NIL

Type and location of added weight N/A

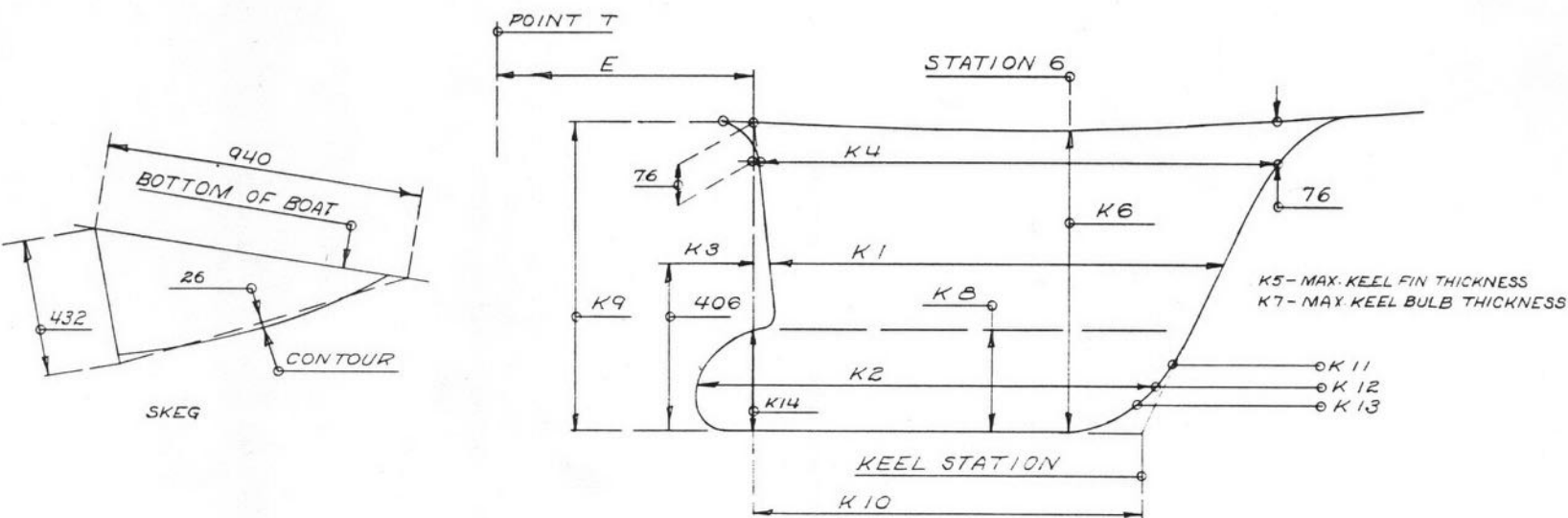
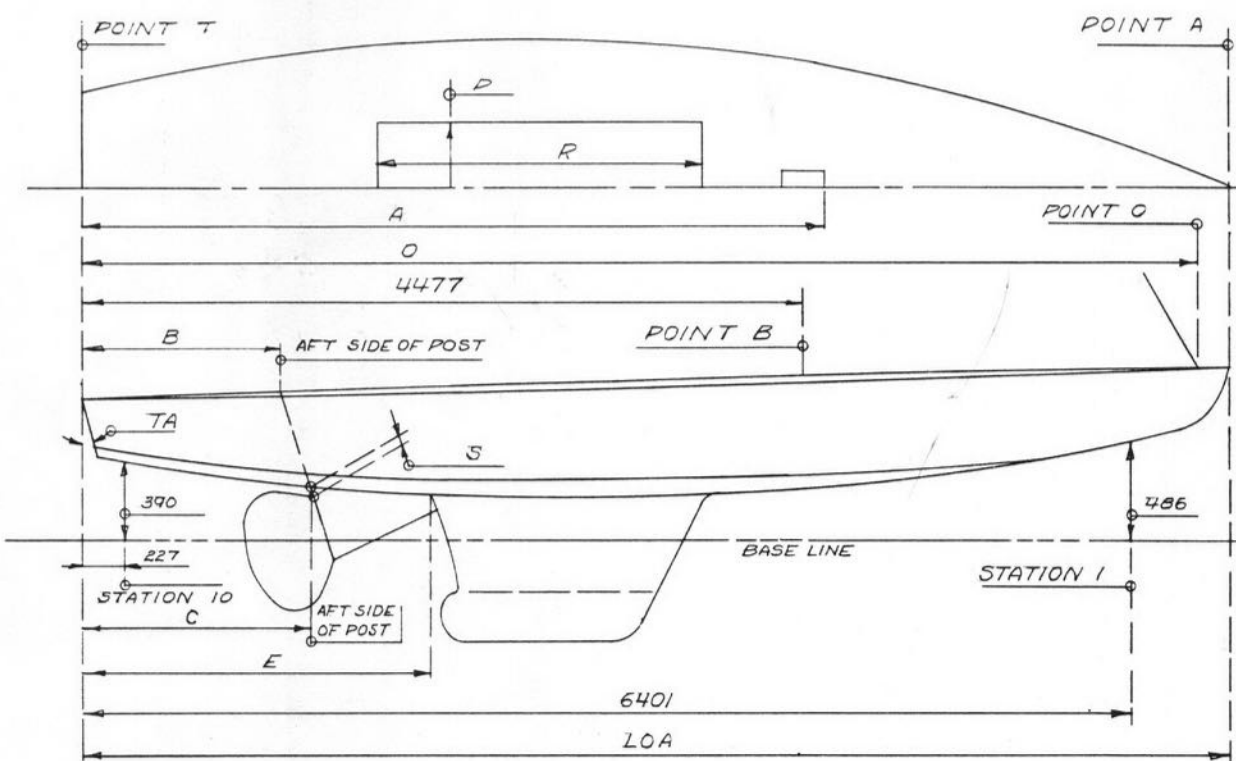
I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name S. Haggman

SIGNED [Signature]
(Builder, outfitter or owner)

COPY

MEASURER'S REMARKS:



Jun. 10 1999 05:35PM P2
YACHT NUMBER

7221

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



Buoyancy Test Certificate

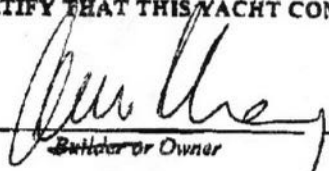
THIS CERTIFICATE IS GRANTED FOR THIS YACHT
UNDER THE PROVISIONS OF
I.S.C.Y.R.A. SPECIFICATION 7. FLOTATION

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.

  6-9-99
Builder or Owner Builder or Owner's Signature Date
Iain Murray

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

White: Owner
Blue: Central Office

Rev 2-95

06-15-99

RECEIVED JUN 15 1999

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

Buoyancy Test Certificate

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

JAN 19 1987

CENTRAL OFFICE

~~This Certificate Expires Two Years From Today On 8TH JANUARY, 1989~~

For Owner of Yacht No. 7221

Owner's Name S. LANGMAN.

Date of Buoyancy Test 8TH JANUARY 1987.

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.)

COMPARTMENTS FWD OF MAST AND AFT OF END OF COCKPIT

BOAT AND STB TANKS IN CITING AREA.

FWD = 308 m³ - AFT 140 m³ - SIDE 1075 m³ EACH TOTAL 1598 m³

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

S. Langman.
Owner's Name

[Signature]
Owner or Representative's Signature

8TH JAN. 1987
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.

Dennis O. Heywood MEASURER
Witness' Name and Title

[Signature]
Witness' Signature

8TH JAN 1987
Date

7221

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



Yacht Number: HA 7221

Owner Sean LANGMAN

Address C/o John Noakes Rigging,

1 Bradley Ave

Milsons Point, New South Wales

Fleet Sydney

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:

Signature Tim Ede

Print name TIMOTHY EDE

My term expires 1989

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

7221 P

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

MAR 7 1988

CENTRAL OFFICE

Issue issued
9-8-93

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

SEC. A.

1. Yacht's Number 7221
2. Builder Pamcraft Pty. LTD.
3. Year Built 1986
4. Builder's Hull Number 18
5. Material of Construction GRP
6. Type and location of characters used to install yacht number in hull
NUMBERS CUT INTO KEELSON FORWARD OF CONSOLE
7. Yacht Name _____
8. Owner GREG SOLOMONS 1102114 study in
9. Address 14 NEW BEACH ROAD, DARLING POINT, SYDNEY 2027, AUSTRALIA
10. Fleet SYDNEY
11. Remarks _____

SEC. B. DECLARATIONS:

1. I certify that I have measured items I through VI under hull measurements and K1 through K14 under keel measurements on page two of this certificate and have entered the data, the information is correct and complies with I.S.C.Y.R.A. rules.

Print name _____

Signed DENIS D. HEYWOOD Date 9 JAN. 1987
 (Certified Star Class Measurer)

2. I certify that this yacht has been constructed in accordance with current plans and specifications of the I.S.C.Y.R.A., and that the keel conforms to the approved keel plan. I have completed item VII, Buoyancy, on page two under Hull Measurements.

Print name _____

Signed PAMCRAFT PTY LTD. Date 9 JAN. 1987
 (Builder)

3. I certify that this yacht has been fitted out in accordance with the current plans and specifications of the I.S.C.Y.R.A.

Print name _____

Signed S. LANGMAN Date 9 JAN. 1987
 (Outfitter)

4. TO BE COMPLETED WHEN YACHT OWNERSHIP CHANGES
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Print name _____

Signed _____ Date _____
 (Owner)

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Print name _____

Signed _____ Date _____
 (Certified Star Class Measurer)

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TEMPORARY MEASUREMENT CERTIFICATE

Date Measured: 9TH JANUARY 1987

Date Issued: 9TH JANUARY 1987

Expiration Date: 23RD FEBRUARY 1987
(45 days after Date Issued)

I have measured Star # 7221 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: Denis O. Heywood, Certified Measurer

Print Name: DENIS O. HEYWOOD

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

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

JAN 19 1987

CENTRAL OFFICE

7221

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Signed Joey Mowle
(Chairman International Measurement Committee)

Date 23 January 1987

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4. Builder's Hull Number 18
5. Material of Construction G.R.P.
6. Type and location of characters used to install yacht number in hull NUMBERS CUT INTO KEELSON END OF CONSOLE.
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Print name Dennis O. Heywood
Signed Dennis O. Heywood Date 9TH JANUARY 1987
(Certified Star Class Measurer)
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Print name PAMECRAFT Pty LTD
Signed [Signature] Date 9TH JANUARY 1987
(Builder)
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Print name S. LANGMAN
Signed [Signature] Date 9TH JANUARY 1987
(Outfitter)
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(Owner)
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Print name _____
Signed _____ Date _____
(Certified Star Class Measurer)

REC'D SEP 4 1993

KEEL MEASUREMENTS:

K1	1162
K2	1221
K3	33
K4	1358
K5	26
K6	763
K7	220
K8	311
K9	806
K10	958
K11	86
K12	85
K13	66
K14	313

WEIGHT CERTIFICATION:

Keel less finish	<u>395</u>
Keel with finish	<u>396</u>

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

Print name Pamela Gray

Signed [Signature] Date 1974 JAN 1987
(Builder)

Yacht weight with rigging
671 lbs

Added Weight Nil.

I certify that the weights shown are correct and were measured on a scale that has been calibrated within the last year to an accuracy of .5% of reading.

SIGNED [Signature]
(Builder, outfitter or owner)

