

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

1978 Feb 4

SECTION E

I.S.C. ☆ Y.R.A.

(Metric Measurements Preferred)

2 HEIGHTS* - MM

STATIONS 1 2 3 4 5 6 7 8 9 10

KEEL	486	354	251	170	113	105	127	191	281	390
CHINE			306			227		287		452
SIDE	830		790			754		708		696
BOT.ARC			OK			OK		OK		OK

* MEASURED FROM BASE LINE

3 HALF BREADTHS - MM

STATIONS 1 3 6 8 STERN

DECK	205	616	868	778	497
CHINE	92	402	681	630	408

4 RUDDER FITS TEMPLATE?

THICKNESS 28 POST DIA 25

5 SKEG DEPTH 419

" LENGTH 940

" CONTOUR 0

6 KEEL DIMENSIONS - MM

K1	1162
K2	1219
K3	324
K4	1375
K5	25
K6	765
K7	216
K8	292
K9	803
K10	943

7 WEIGHTS*

KEEL (WITH FINISH) 880 LBS.

HULL (AS MOLDED) 425 LBS.

8 BUOYANCY

CONTAINED IN HULL 0.368 m³

ADDITIONAL 0.991

TOTAL 1.36

☒ TANKS

☐ COMPARTMENTS

☐ CLOSED CELL FOAM

1 HULL MEASUREMENTS - MM

YACHT NO. 6237

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

L.O.A. 6733

DIMENSION "A" 2356

" "B" 1194

" "C" 1321

" "E" 2165

" "P" 298

" "R" 1956

" "S" 95

" "T" 150

CHINE RADIUS OK? YES.

STEM RADIUS OK? YES.

SIDE FLATNESS OK? YES

9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 31'8" (9652mm)

Pt B TO JIB STAY 22'8"

BOOM LMG 14'7" (4445)

MAST TIP WT. 153/4 LBS

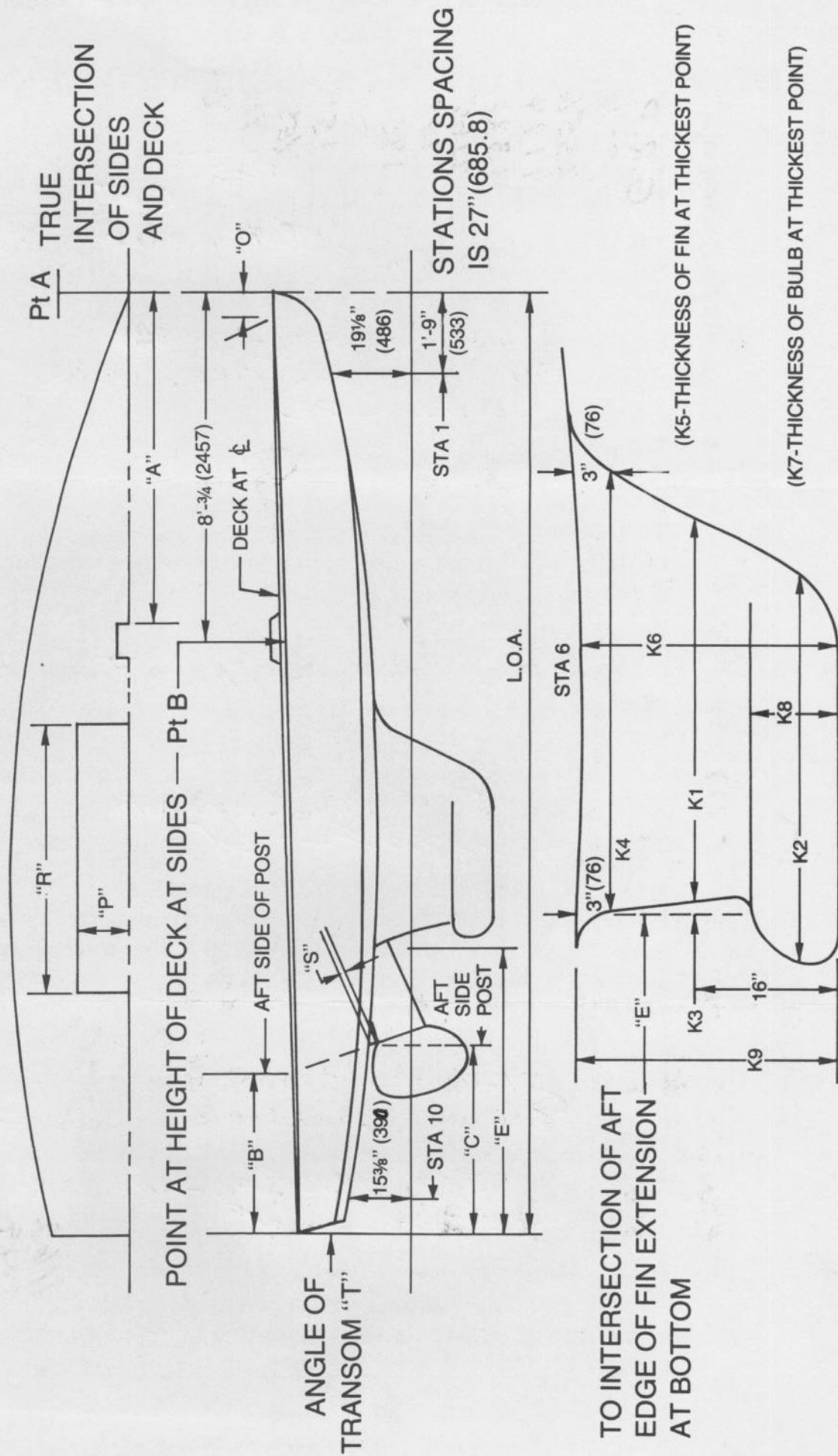
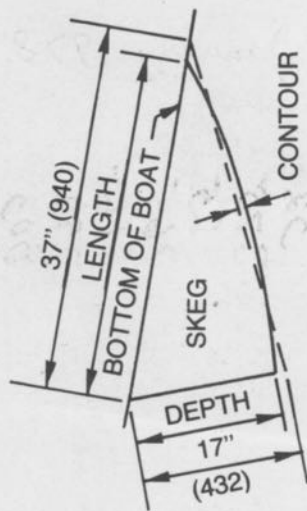
DIMENSION "O" 113/4"

YACHT WEIGHT 1475 LBS

ADDED WEIGHT 5 LBS

TOTAL WEIGHT 1480 LBS

Yes



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 6237
2. Number Molded Or Cut Into Keelson? CUT
3. Yacht Name "THUNDERBOLT" "THE KID"
4. Year Built 1977
5. Builder LIPPINCOTT BOAT WORKS, Inc.
6. Owner JOHN MACCAUSLAND, JR.
7. Address 311 LANCASTER PIKE, DEVON, PA 19333.
8. Fleet COOPER RIVER
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 LIPPINCOTT BOAT WORKS, Inc.
Signed Howard F. Lippincott Date 29 December 1977
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 JOHN MACCAUSLAND
Signed John Maccausland Date 1/10/78
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 EDWARD BRADDOCK
Signed: Edward Braddock Date 2 January 1978
Item 9 Spars and Yacht Weight (Fleet or Class Officer Accepted)
Print Name JOHN MACCAUSLAND SEC.
Signed: John Maccausland Date 1/10/78
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.

BTC 1981

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

APR 7 1982

CENTRAL OFFICE

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

Buoyancy Test Certificate

This Certificate Expires Two Years From Today On 30 March, 1982

For Owner of Yacht No. 6237

Owner's Name CHARLES E. McMANUS III

Date of Buoyancy Test 30 MARCH 1982

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.)

Tanks, left forward and aft
Small tanks at chine

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

CHARLES E. McMANUS III

Owner's Name

Charles E. McManus III

Owner or Representative's Signature

30 March 82

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.

Percy Knowles Secy

Witness' Name and Title

Percy Knowles

Witness' Signature

30 March 1982

Date

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