

OFFICIAL STAR CLASS MEASUREMENT CERTIFICATE

Sec.A. Description of Measured Yacht

1. Yacht's Number 6522
2. Number Molded Or Cut Into Keelson? YES
3. Yacht Name CATARINA
4. Year Built 1980
5. Builder MELGES BOAT WORKS
6. Owner SALGADO
7. Address Rua do Rosario 112 80 CEP 20041 Rio De Janeiro, Brazil
8. Fleet _____
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 William J. Watson
Signed William J. Watson Date 11/14/79

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 JAMES A. SMITH
Signed: James A. Smith Date 11/13/79

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

Print Name James A. Smith
Signed: James A. Smith Date 11/13/79

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.

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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.

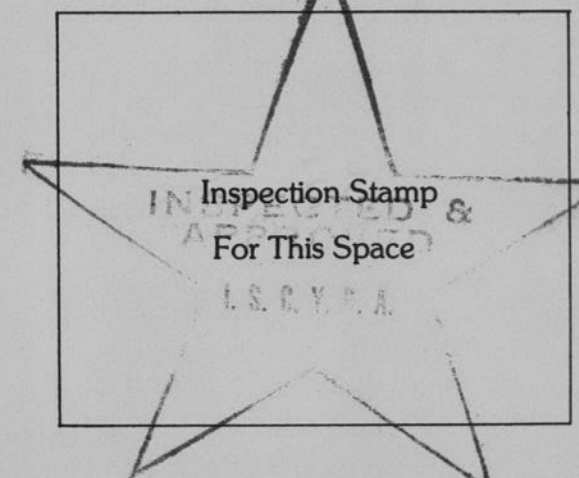
Conditions Under Which Certificate Is Issued

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 79-12-05

SECTION E

2 HEIGHTS*

STATIONS	1	2	3	4	5	6	7	8	9	10
KEEL	486	356	248	168	121	105	130	194	286	390
CHINE			308			232		289		456
SIDE	825		791			751		727		685
BOT.ARC										

*MEASURED FROM BASE LINE

3 HALF BREADTHS

STATIONS	1	3	6	8	STERN
DECK	203	614	864	791	489
CHINE	95	406	674	629	406

4 RUDDER FITS TEMPLATE? YES

THICKNESS 1 1/8" POST DIA 1"

5 SKEG

DEPTH 4/15
" LENGTH 842
" CONTOUR 0

6 KEEL DIMENSIONS

K1	<u>1150</u>	K=11	<u>103</u>
K2	<u>1220</u>		
K3	<u>32</u>	K-12	<u>95</u>
K4	<u>1370</u>	K-13	<u>71</u>
K5	<u>25</u>		
K6	<u>765</u>		
K7	<u>217</u>		
K8	<u>295</u>		
K9	<u>820</u>		

7 WEIGHTS*

KEEL (WITH FINISH) 896
HULL (AS MOLDED) 427

8 BUOYANCY

CONTAINED IN HULL 12
ADDITIONAL 2743
☐ TANKS
☒ COMPARTMENTS
☐ CLOSED CELL FOAM

I.S.C.★Y.R.A.

(Metric Measurements Preferred)

1 HULL MEASUREMENTS

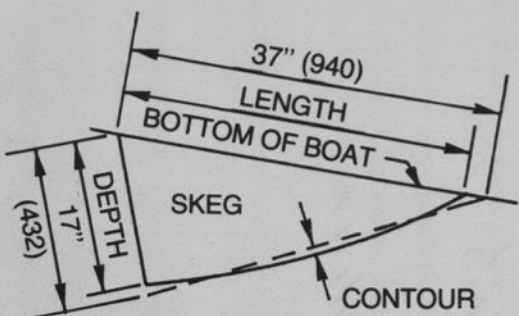
YACHT NO. 6522
WOOD OR G.R.P. G.R.P.
L.O.A. 22' 8 3/4"
DIMENSION "A" 2370
" "B" 1170
" "C" 1325
" "E" 2160
" "P" 309
" "R" 1975
" "S" 42"
" "T" 16 1/2°

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

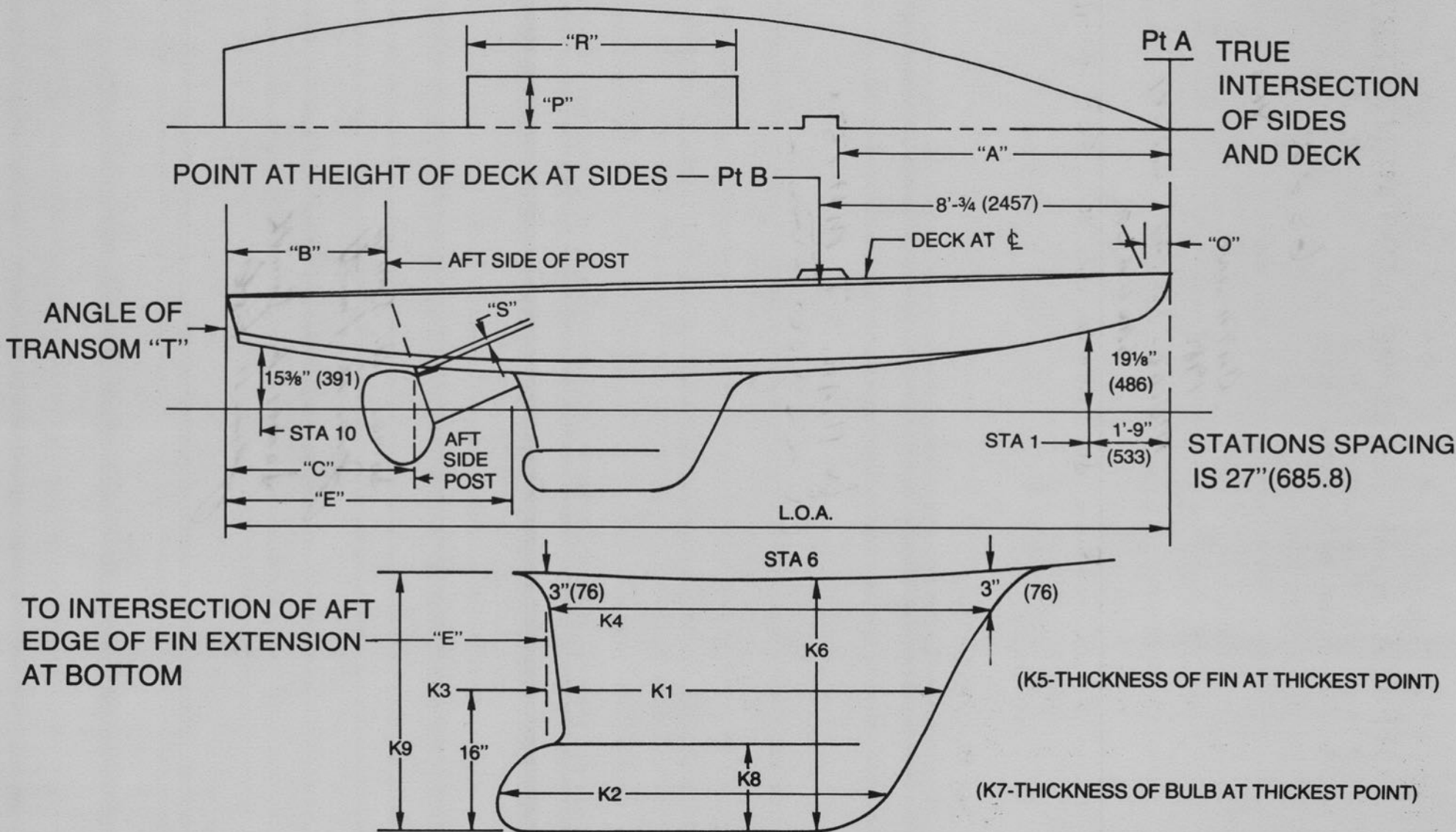
9 SPARS & YACHT WEIGHT

Pt B TO UPPER MAST BAND 9644
Pt B TO JIB STAY 6906
BOOM LNG 4445
MAST TIP WT. 15 1/2 LBS.
DIMENSION "O" 267
YACHT WEIGHT 1490
ADDED WEIGHT —
TOTAL WEIGHT 1490

COPY



*IS ISCYRA WEIGHT CERTIFICATE ATTACHED? _____



International Star Class Yacht Racing Association

WEIGHT CERTIFICATE
(Metric Measurements Preferred)

A	Builder's Hull No. <u>68V 0162 0979</u>
	Yacht No. <u>6522</u>
B	Hull Less Skeg <u>427</u>
	Hull with Skeg _____
C	Keel Less Finish _____
	Keel with Finish <u>896</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 16/Nov/79 Signed W. J. J. J.

D	Yacht Weight with Rig <u>7490</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 16/Nov/79 Signed W. J. J. J.