

CERTIFICATE INTERNATIONAL SOLING




Name of Yacht: _____ Sail Number: _____

Owner's name: _____

Owner's Address: _____

Owner's Club: _____

Measurement Form dated: _____

 SOLING with PLAQUE-numbers:

IYRU Serial no.: _____*, Builder's Code: _____

Hull no.: _____, Mould no.: _____, Plug no.: _____

has been built in accordance with the Measurement Rules issued by The International Yacht Racing Union in force at the time of hull moulding commences.

Builder's name: _____

Sails to be measured separately with the official Sail Measurement Form.

Issued by:

Authority

Place

Date

Signature

Original Certificate issued by:

Authority

Date

Sail no.

*Only for Solings built on or after March the 1st 1970

To the National Soling Association

ISA-4-75-1000 sæt

International SOLING Class Measurement Form

† Authority: International Yacht Racing Union, 60 Knightsbridge, London, SW1X 7JX, England
Date of International Status: May 1968

IN ORDER TO OBTAIN A CERTIFICATE

1. The licensed builder shall obtain a Building Fee Plaque from I.Y.R.U. Holdings Ltd., Victoria Way, Woking, Surrey GU21 1EQ, England, for each boat built. This acts as a numbered Building Fee Receipt. (Rule 2.1 and 3.5.)
2. Application shall be made by the owner or builder to the relevant † National Authority, or if the National Authority is not administering the class, to the National Soling Association for a Sail Number and Measurement Form submitting at the same time the proposed name of the boat and the I.Y.R.U. Plaque Number.
3. A measurer appointed by the National Authority shall take all the measurements on this form. Further the yacht is required to conform with all Measurement and Class Rules even though the measurements are not required on this form. The measurer is requested to certify on this form that the yacht conforms with the measurements, and, to the best of his knowledge, the Measurement and Class Rules.
4. Items numbered 1–38 inclusive shall be measured and the details noted on the measurement form before the yacht leaves the licensed builder's premises.
5. All measurements are in millimetres and kilograms unless otherwise stated.
6. The form, when completed, shall be forwarded by the owner to his National Authority (or the National Soling Association if the National Authority is not administering the class), together with any registration fee required. For boats built before 1st March 1970 a Building Fee Receipt shall be forwarded with the completed Measurement Form.

BEFORE SUBMITTING PLEASE MAKE SURE THAT THIS FORM IS PROPERLY COMPLETED

Name of Yacht SYC Soling Syndicate Sail Number US743
 Owner San Francisco Bay Sailing Association Name of Owner's Club

Address P.O. Box 252 Tiburon, CA 94920 Soling Association

Builder Abbott Boats Limited Date Completed

I.Y.R.U. Plaque Number 2024 Builder's Code KC

Hull Number 682 Mould Number 6 Plug Number 10

Item	Rule	Measurement	Minimum	Actual	Maximum
HULL MEASUREMENTS					
1	4.2	Keel weight including coating	570	571	590
2	4.2	Keel C.G. below flange		635	640
3	4.4	Lifting eye(s)/strap(s) – Total weight		1.5	3
4	3.2	Hull weight	375	375	
5	3.3	Hull vertical C.G. – Hull balances at max. 111.5°		yes	YES/NO
6	3.4	Length overall – Transom template to stem	8170	8190	8200
7*	12.12	Bulkhead positions: distance from Breakwater Measurement Point			
8*		Fwd. Bulkhead	450	470	650
		Aft Bulkhead	3300	3340	3500
9	12.5	Thickness of the keel laminate		15	20
10*	12.5	Cockpit sole-height above keel laminate at flange	260	280	300
11*	12.5	Cockpit sole horizontal distance from hull to edge of sole.		0	140
12	3.6	Foredeck height at mast step above sheerline		55	80
13	3.4	Bow template	0	6–12	16
14	3.4	Forward template	0	6–12	16

*See also Rule 17.3.

† The I.Y.R.U. is not a National Authority

Item	Rule	Measurement	Minimum	Actual	Maximum
15	3.4	Mid. section template	0	6-11	16
16	3.4	Stern template.	0	6-11	16
17	3.4	Aft template	0	6-11	16
18	3.4	Stem template.	0	6	12
19	3.4	Are the sheerlines at correct height at each template?		yes	YES/NO
20	3.4	Template sight line (bases of forward and aft templates) to: Transom Measurement Point.	350	360	380
21		Hull centreline at: Stern template position	280	290	300
22		Mid-section template position	80	90	100
23		Bow template position.	385	390	405
24		Sheerline at stem.	1310	1345	
25	3.4	Keel aft edge 50 mm above heel to Transom Measurement Point	3450	3455	3490
26	4.7	Radius at keel-hull joint		30	35
27	4.1	Lower keel template	0	2-6	7
28	4.1	Upper keel template.	0	2-6	7
29	4.1	Max. section keel template	0	2-6	7
30	3.4	Depth of keel from edge of recess at 3768 ± 2 from Transom Measurement Point		990	1000
31	4.6	Keel-radius of edges	2	2+	
32	4.3	Keel bolts as on plan No. 67-5			YES/NO
33	5.5	Rudder stock centreline to Transom Measurement Point	1475	1485	1525
34*	5.3	Rudder stock diameter.	28	28	
35*	5.3	Rudder stock solid and of correct material		yes	YES/NO
36	5.1	Rudder profile as on Measurement Diagram		yes	YES/NO
37		Thickness of rudder as on Measurement Diagram		yes	YES/NO
38	5.2	Centre of Rudder Stock to upper aft corner of rudder	325	355	375
39	5.4	Rudder—radius of edges	2	2+	
		FINISHED HULL MEASUREMENTS			
40	6.1	Mast position—foreside from Breakwater Measurement Point	220	315	320
41	6.2	Shroud position from Breakwater Measurement Point.	250	300-350	850
42	6.2	Shroud positions from outer edge of deck		40	100
43	13.5	Adjustment of shroud tension by threaded screw fittings.		yes	YES/NO
44	6.3	Forestay position from Breakwater Measurement Point	2315	2320	2325
45	12.13	Positive fastening device for watertight inspection covers		yes	YES/NO
46	12.14	Location of holes in each bulkhead below deck		100	150
47	12.15	Total area of holes in forward bulkhead		5	10 cm ²
48	12.15	Total area of holes in aft bulkhead		5	10 cm ²
49	12.221 12.222	Total area of holes in each specified area of deck (after installation of fittings).		3	5 cm ²
50	12.16	Are there any drain holes in between watertight compartments and the cockpit		no	YES/NO

*See also Rule 17.3.

Item	Rule	Measurement	Minimum	Actual	Maximum
51	12.21	Dimension in any direction of holes in deck		90	120
52	12.3	Numbers of selfbailers		4	4
53	13.3	Do foot straps conform with the requirements of Rule 13.3?		yes	YES/NO
54	13.3	Handles on deck – height of (shall not extend outboard)			75
55	13.3	Number of handholes through each side deck		4	5
56	13.3	Length of each handhole		110	120
57	13.3	Width of each handhole.		30	35
58	12.4	Do lifting slings comply with rule 12.4?		yes	YES/NO
		SPAR MEASUREMENTS			
59	6.51 6.52	Is mast of constant section in accordance with rules 6.51 and 6.52		yes	YES/NO
60	6.51	Mast section: (a) fore and aft including groove (b) athwartships.	110 70	115 74	130 90
61*	6.53	Mast taper: (a) lowest point distance above lower band (b) Does taper comply with rules 6.521, 6.522 and 6.523?	6300	6500 yes	YES/NO
62	6.53	Mast fore and aft at topmost band	55	56	
63	6.53	Mast athwartship at topmost band	40	41	
64	6.8	Longitudinal set due to bending between lower and topmost bands		nil	50
65	6.61	Mast weight (without rigging)	22	22.5	
66	6.61	Mast C.G. above lower band	3400	3550	
67	6.62	Mast tip weight (with rigging) when supported at lower band	11	11.5	
68	6.91	Lower band – upper edge above deck	695	700	705
69	6.92	Forestay band – lower edge above lower band		6800	6800
70	6.93	Topmost band – lower edge above lower band		8500	8500
71	7.11	Main shroud attachment above lower band	6700	6800	6900
72	7.12	Lower shroud attachment above lower band	3300	3310	3500
73	7.13	Forestay attachment below forestay band		40	100
74	7.5	Jib halliard below forestay band		140	200
75	7.2	Spinnaker suspension point distance (radius) from lower edge of forestay band		55	60
76	7.3	Spreaders – extension of bearing point from side of mast	640	660	
77	7.3	Spreaders attached above lower shrouds		yes	YES/NO
78	7.11	Diameter of forestay, upper and lower shrouds	4	4	
79	7.14	Diameter of backstay	3	3	
80	7.4	Main boom downhaul stop fitted		yes	YES/NO
81	8.2	Main boom section – height including groove	75	82	85
82	8.2	Main boom section – width	60	63	70
83	8.3	Vertical set of boom due to bending between band and mast		nil	25

*See also Rule 17.3.

Item	Rule	Measurement	Minimum	Actual	Maximum
84	8.4	Inner edge of band and aft side of the mast (extended if necessary)		3200	3200
85	9.1	Spinnaker boom including fittings—extending from mast		2635	2640
86	9.2	Spinnaker boom—attachment to forward face of mast above lower band		1145	1150
87	10.74	Does fore edge of jib luff or its extension intersect deck aft and within 50 mm of forestay?		yes	YES/NO
88	7.6	Do halliards or their extensions meet deck within 75 mm of mast?		yes	YES/NO
		ALL UP WEIGHT			
89	11.1	Dryweight of complete boat	1035	1035	
	11.2	Corrector weights totalling not more than 7 kg located under deck:			
90		2/3 fwd. of cockpit: Actual weight	—		—
91		1/3 aft of cockpit: Actual weight	—		—
	11.2	Additional correctors located:			
92		2/3 not less than 700 mm fwd. of Breakwater Measuring Point: Actual weight	—		—
93		1/3 not less than 4000 mm aft of Breakwater Measuring point: Actual weight	—		—
94		Are additional correctors permanently fastened?			YES/NO
95	11.3	If boat built before March 1970, without a cockpit sole, do correctors comply with rule 11.3?			YES/NO

DECLARATIONS

1. To be signed by the LICENSED BUILDER moulding and assembling the hull and keel.

I certify that:

- (a) This yacht has been built in moulds derived directly from officially registered plugs and pattern obtained from the source approved by I.Y.R.U. Holdings Ltd.
- (b) This yacht has been constructed according to the official plans and rules for the International Soling Class.
- (c) This yacht is built in accordance with the spirit and letter of the Measurement and Class Rules.

Name of Builder (Block capitals) **ABBOTT BOATS LIMITED**

Signature of Builder *W Abbott* Date **July 28, 1982**

2. To be signed by the BUILDER completing the yacht.

I certify that this yacht is, to the best of my belief, built and fitted out in accordance with the Rules of the International Soling.

Name of Builder (Block capitals) **ABBOTT BOATS LIMITED**

Signature of Builder *W Abbott* Date **July 28, 1982**

3. To be signed by the OFFICIAL MEASURER(S).

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 International Soling at present in force, except as stated below:

- (a) **Keel** Items 1 and 2.

Name of Measurer **Peter Cochrane** Signature of Measurer *Peter W Cochrane*
Date
Measurer's Comments:

- (b) **Hull** Items 3—39 inclusive.

Name of Measurer **Peter Cochrane** Signature of Measurer *Peter W Cochrane*
Date
Measurer's Comments:

- (c) **Hull** Items 40-58 inclusive.

Name of Measurer **Peter Cochrane** Signature of Measurer *Peter W Cochrane*
Date
Measurer's Comments:

- (d) **Spars** Items 59—88 inclusive.

Name of Measurer **Peter Cochrane** Signature of Measurer *Peter W Cochrane*
Date
Measurer's Comments:

- (e) **Weight** Items 89—95 inclusive.

Name of Measurer **Peter Cochrane** Signature of Measurer *Peter W Cochrane*
Date
Measurer's Comments: