

2003

**INTERNATIONAL H-BOAT
MEASUREMENT FORM**

Authority*: International Sailing Federation Limited, England

Designed by Hans Groop

IN ORDER TO OBTAIN A MEASUREMENT CERTIFICATE

1. The licensed builder shall obtain an official ISAF Plaque by paying the International Class Fee to ISAF.
2. Application shall be made to the owner's National Authority (or, if the National Authority is not administering the class, to his national H-Boat Association) for a sail number quoting the ISAF Plaque number.
3. A measurer approved by the National Authority of the country in which the measurement takes place shall take all the measurements on this form. Further, the boat is required to comply with all the class rules even though the measurements may not be required on this form.

The measurer is requested to certify on this form that the boat complies with the measurements and, to the best of his knowledge, all the class rules.

4. Items numbered 1-17 inclusive shall be measured and the details entered on this measurement form before the boat leaves the licensed builder's premises.

All the items on this form shall be measured and the details entered on this measurement form before the boat receives a Measurement Certificate.

5. The measurement form, when completed, shall be forwarded to the owner's National Authority (or national H-Boat Association if the National Authority is not administering the class), together with any registration fee that may be required.

The National Authority (or national H-Boat association) may then issue a Measurement Certificate.

BEFORE SUBMITTING THIS FORM PLEASE MAKE SURE IT HAS BEEN PROPERLY COMPLETED

Name of Yacht:	Sail Number:
Owner:	ISAF Plaque No:
Address:	
Licensed Builder:	Mould No:
Name of Owners Club:	Plug No:

ITEM NO	RULE NO	MEASUREMENT	MIN (MM)	ACTUAL (MM)	MAX (MM)
MEASUREMENTS DURING CONSTRUCTION					
1	3.2.2	Deck weight	180kg		
2	3.3.3	Keel weight	715kg		735
3	3.2.7	Lifting eyes total weight			4kg
HULL MEASUREMENTS					
4	3.2.3	Length overall	8625		8305
5	3.2.3	Hull templates - Clearance between hull and: (a) forward template (station 8)	0		16
		(b) midship template (station 5)	0		16
		(c) aft template (station 2)	0		16
6	3.2.3	Are sheerlines at correct heights at: (a) forward template?		Yes/No	
		(b) midship template?		Yes/No	
		(c) aft template?		Yes/No	
7	3.2.3	Base line to transom measurement point	860		880
8	3.2.3	Base line to top of coach roof under the mast step	1640		1660
9	3.3.5	Keel templates - Clearance between hull and: (a) lower keel template	0		8
		(b) station 5 template	0		8
10	3.3.5	Thickness of aft edge of keel	5		8
11	3.3.4	Are there 7 keel bolts of diameter 16mm minimum?		Yes/No	
12	3.4.5	Centreline of rudder stock aft of station 2	925		965
13	3.4.2	Diameter of rudder stock	25		
14	3.4.2	Is rudder stock of stainless steel?		Yes/No	
15	3.4.1	Maximum thickness of rudder			27
16	3.4.1	Thickness of aft edge of rudder	4		
17	3.2.4	Has the minimum accommodation specified been installed?		Yes/No	
FINISHED HULL MEASUREMENTS					
18	3.5.2.2	Mast position - Horizontal distance from station 8: (a) to forward edge of aft mark on coachroof			883
	3.5.2.3	(b) to aft edge of forward mark on coachroof	803		
19	3.5.2.14	Forestay position. Horizontal distance from station 8 to line of intersection of forestay with deck	1575		1585

ITEM NO	RULE NO	MEASUREMENT	MIN (MM)	ACTUAL (MM)	MAX (MM)
20	3.5.2.15	Distance of attachment points of main and lower shrouds from intersection of forestay with deck	2850		3250
21	3.5.2.15	Shroud position from outer edge of deck			75
22	3.8.2.3	Are there any holes in the deck except for those specified in rule 3.8.2.3 and hatches?		Yes/No	
23	3.2.5	Are hatches and locker covers fitted?		Yes/No	
MAST					
24	3.5.2.4	Mast section dimensions: (a) fore and aft	115		135
		(b) athwartships	80		100
		(c) are other dimensions in accordance with rule?		Yes/No	
25	3.5.2.6	Mast section dimensions at upper measurement band (band no 3): (a) fore and aft	65		
		(b) athwartships	50		
26	3.5.2.6	Is mast straight, in accordance with rule?		Yes/No	
27	3.5.2.7	Distance from upper edge of band no 1 to mast reference surface on the cabin top	545		555
28	3.5.4	Upper edge of band no 1 to: (a) centre of spinnaker boom attachment	920		980
	3.5.2.11	(b) attachment point of lower shrouds	3320		3620
	3.5.2.7	(c) lower edge of band no 2	7040		7050
	3.5.2.7	(d) lower edge of band no 3			8700
29	3.5.2.12	Attachment point of forestay below lower edge of band no 2			100
30	3.5.2.10	Attachment point of upper shrouds from lower edge of band no 2	-100		+100
31	3.5.2.16	Bearing surface of spinnaker halyard sheave above lower edge of band no 2			100
32	3.5.2.16	Support of spinnaker halyard from forward face of mast			60
33	3.5.2.17	Distance of centreline of spreader attachment above attachment point of lower shrouds			200
34	3.5.2.17	Length of spreader from face of mast to shroud bearing point	700		
35	3.5.2.18	Is stop fitted to mast to prevent top of boom being below band no 1		Yes/No	
36	3.5.2.9	Diameter of forestay, upper and lower shrouds	4		

ITEM NO	RULE NO	MEASUREMENT	MIN (MM)	ACTUAL (MM)	MAX (MM)
37	3.5.2.9	Diameter of backstay	3		
38	3.8.2.2	Are shroud lengths adjustable only by screw turnbuckles?		Yes/No	
39	3.5.2.19	Weight of mast at band no 3 when supported at band no 1	12kg		
BOOM					
40	3.5.3.1	Boom section dimensions: (a) depth	75		105
		(b) width	60		90
41	3.5.3.1	Is boom straight in accordance with rule?		Yes/No	
42	3.5.3.2	Forward edge of measurement band from aft side of mast (projected downwards if necessary)			3000
SPINNAKER BOOM					
43	3.5.4	Maximum extension of end of spinnaker boom from face of mast			2415
		All up weight			
44	3.7.1 3.7.2	Total weight of boat excluding corrector weights (if any)		kg	
45	3.7.1	Total weight of corrector weights		kg	
46		Total weight of boat and corrector weights (Item 44 + Item 45)	1450kg		
47		Items not removed for weighing and their estimated weights:			
		Item (kg)	Estimated weight		

DECLARATIONS

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

I certify that this H-Boat has been built:

- (a) in moulds derived from an approved plug
- (b) in accordance with the class rules and the grp laminate specification attached thereto

Name of builder:

Signature of builder:

Date:

2. To be signed by the **BUILDER** completing the boat.

I certify that this H-Boat has been completed in accordance with the Class Rules.

Name of builder:

Signature of builder:

Date:

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

I certify that I have measured the following items on this H-Boat, that the particulars I have entered on this form are correct, and that to the best of my knowledge and belief this boat complies with the class rules at present in force, except as I have stated below.

(a) Deck. Item 1

Name of measurer: Signature:

Measurer approved by: Date of Measurement:

Comments:

(b) Keel. Item 2

Name of measurer: Signature:

Measurer approved by: Date of Measurement:

Comments:

(c) Hull. Items 3-17

Name of measurer:..... Signature:

Measurer approved by: Date of Measurement:

Comments:

(d) Hull. Items 18-22

Name of measurer: Signature:

Measurer approved by:..... Date of Measurement:

Comments:

(e) Spars. Items 23-42

Name of measurer: Signature:

Measurer approved by: Date of Measurement:

Comments:

(f) Weight. Items 43-46

Name of measurer: Signature:

Measurer approved by: Date of Measurement:

Comments: