

BRITISH MOTH BOAT ASSOCIATION

HULL MEASUREMENT FORM

Measurement shall conforming with Construction Plans dated March 1980 and the Class Rules incorporating all amendments and revisions up to August 2000.

For all boats before Sail No. 780 the Construction Plans dated November 1957 and the Measurement Form dated 22nd August 1977 should be used, except as in Class Rule 1(b), where alterations in shape must be measured under current Rules.

Owner's Name

Owner's Address

.....

Registered Sail Number Name of Boat

Owner's Sailing Club

Name of Builder (kit supplier etc.)

Date Completed

MEASUREMENT SECTION

Rule No.	Description	Minimum	Actual	Maximum
3(a)	Registered Number marked correctly		OK	
4(a)	Material of hull		.....
	Material of deck		.....
4(b)	Hull thickness 5mm/16 swg		.....
	Deck thickness 3mm/20swg		.....
4(c)	G.R.P. construction (i) or (ii)		.....
4(e)	Weight of correctors		.....	6.35 kg.
	Number of correctors		.....
	Total weight of hull	45 kg	.....

HULL MEASUREMENT FORM

Rule No. Description	Minimum	Actual	Maximum
5(a) <u>Beam at Sheer</u>			
Station 0	762 mm	.....	794 mm
2	1066 mm	.....	1098 mm
4	1206 mm	.....	1238 mm
6	1243 mm	.....	1275 mm
8	1138 mm	.....	1170 mm
9	990 mm	.....	1022 mm
<hr/> <u>Beam at Chine</u>			
Station 0	559 mm	.....	591 mm
2	914 mm	.....	946 mm
4	1066 mm	.....	1098 mm
6	1102 mm	.....	1134 mm
8	1016 mm	.....	1048 mm
9	908 mm	.....	940 mm
<hr/> <u>Measurement Line to Keel</u>			
Station 0	140 mm	.....	166 mm
2	82 mm	.....	108 mm
4	31 mm	.....	57 mm
6	9 mm	.....	35 mm
8	26 mm	.....	52 mm
9	78 mm	.....	104 mm
10	194 mm	.....	220 mm
<hr/> <u>Measurement Line to Chine</u>			
Station 0	232 mm	.....	258 mm
2	167 mm	.....	193 mm
4	120 mm	.....	146 mm
6	100 mm	.....	126 mm
8	157 mm	.....	183 mm
9	243 mm	.....	269 mm
<hr/> <u>Measurement Line to Sheer</u>			
Station 0 (Datum Point)		380 mm	
2	350 mm	.....	376 mm
4	347 mm	.....	373 mm
6	361 mm	.....	387 mm
8	388 mm	.....	414 mm
9	407 mm	.....	433 mm

Any remarks by
 Measurer.....

HULL MEASUREMENT FORM

Rule No.	Description	Minimum	Actual	Maximum
5(d)	Overall length	3319 mm	.....	3355 mm
5(e)	Projections of standing rigging or fittings		OK	51 mm
	Projections of hull		OK	50 mm
5(f)	Radius of sheer at bow	300 mm	OK	
5(g)	Double curvature aft of Station 8	- 3 mm	OK	+ 3 mm
5(g)	Double curvature forward of Station 8 (Must not be concave)		OK	
5(h)	Line of chine meets line of sheer (forward from Station 0)	3125 mm	.....	3225 mm
6(a)	Length of foredeck	914 mm	.....
6(b)	Mast step position	457 mm	OK	762 mm
6(c)	Beam crop (Height of crown of deck above sheer line at step)	0 mm.....	70 mm	
6(f)	Is hull self- draining Y/N (If Yes then 6(g), 6(d), & 6(e) do not apply)		.....
6(g)	Verification of side buoyancy tanks		OK	
6(g)	Maximum width of cockpit at floor.....		710 mm	(or width at top)
6(g)	Width of side decking (if provisions of 6(g) apply)	190 mm	.....
6(d)	Width of side decking (when 6(g) does not apply)	254 mm	.....
6(e)	Verification of arc of side decks		OK	
7	Centre plate slot measurements			
7(a)	Station 0 to fore end	2272 mm	.....	2299 mm
	Station 0 to aft end	1155 mm	.....	1181 mm
	Width	21 mm	.....	27 mm
7(b)	Fore end to centre of pivot point	51 mm	.....	60 mm
	Outer skin to centre of pivot point	60 mm	.....	92 mm

HULL MEASUREMENT FORM

Rule No.	Description	Minimum	Actual	Maximum
7(d)	Verification of complete retraction of centre plate		OK	
7(e)	Weight of centre plate		.....
	Verification of weight marked		OK	
8(b)	Verification of rudder flotation		OK	
9(c)	Height of mast base above crown of deck		.....	20 mm
12(e)	Water tight hatch covers.		OK	
12	Buoyancy Test (Including provision of paddle and bailer)		OK	

Measurer's Declaration

I declare that I have measured and weighed British Moth No. and that she complies with the Class Rules.

Name of Measurer..... Club.....

Signature of Measurer..... Date.....

Any departures from correct measurements must be reported to and approved by the BMBA Committee before a certificate can be granted.

N.B. In the case of a previously measured boat requiring an alteration to be re-measured under Class Rule 1(b)(ii), please use the appropriate form, obtainable from the Class Secretary.

<p>Any other comments by the measurer</p>
