

# BRITISH MOTH BOAT ASSOCIATION

## MEASUREMENT CHECKLIST (Main Hull)

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

This form provides a convenient layout for checking hull dimensions working from station to station. The results should be copied to the master measurement form.

Owners Name .....Sail Number.....

Measurement Line at Stern 380 mm above line of sheer

Measurement Line at Bow 490 mm above deck line

	Left	Right	Average	Minimum	Mean	Maximum
<b><u>STATION 0 0 mm</u></b>						
Measurement line to keel			....	140	153	166
Measurement line to chine	....	....	....	232	245	258
Beam at chine			....	559	575	591
Measurement line to sheer		Datum Point		380		380
Beam at sheer			....	762	778	794
<b><u>STATION 2 610 mm</u></b>						
Measurement line to keel			....	82	95	108
Measurement line to chine	....	....	....	167	180	193
Beam at chine			....	914	930	946
Measurement line to sheer	....	....	....	350	363	376
Beam at sheer			....	1066	1082	1098
<b><u>STATION 4 1220 mm</u></b>						
Measurement line to keel			....	31	44	57
Measurement line to chine	....	....	....	120	133	146
Beam at chine			....	1066	1082	1098
Measurement line to sheer	....	....	....	347	360	373
Beam at sheer			....	1206	1222	1238
<b><u>STATION 6 1830 mm</u></b>						
Measurement line to keel			....	9	22	35
Measurement line to chine	....	....	....	100	113	126
Beam at chine			....	1102	1118	1134
Measurement line to sheer	....	....	....	361	374	387
Beam at sheer			....	1243	1259	1275

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	Left	Right	Average	Minimum	Mean	Maximum
<b><u>STATION 8 2440 mm</u></b>						
Measurement line to keel			.....	26	39	52
Measurement line to chine	....	....	.....	157	170	183
Beam at chine			.....	1016	1032	1048
Measurement line to sheer	....	....	.....	388	401	414
Beam at sheer			.....	1138	1154	1170
 <b><u>STATION 9 2745 mm</u></b>						
Measurement line to keel			.....	78	91	104
Measurement line to chine	....	....	.....	243	256	269
Beam at chine			.....	908	924	940
Measurement line to sheer	....	....	.....	407	420	433
Beam at sheer			.....	990	1006	1022
 <b><u>STATION 10 3050 mm</u></b>						
Measurement line to keel			.....	194	207	220
 Line of chine meets line of sheer (forward from Station 0)						
			.....	3125	3225	
 Overall length						
			.....	3319		3355
 Centre plate slot measurements						
Station 0 to fore end			.....	2272	2299	
Station 0 to aft end			.....	1155	1181	
Width			.....	21		27
Fore end to centre of pivot point			.....	51		60
Outer skin to centre of pivot point			.....	60		92
 Double curvature aft of Station 8            OK            - 3                            +3						
Double curvature forward of Station 8    OK            0 (Not Concave)						

**Any Measurer's Comments**

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