

THE MORETON INVESTIGATOR ASSOCIATION

Technical Report

NO. 3

REQUIREMENTS FOR SPINNAKER FITTINGS

Halyard - 60 feet x ~~30~~³mm, 16 plait Marlow Yachting Line.
Clip RF836 whipped to one end.
(a) Saddle FG1048 and block RF571.
(b) Sheeve Box RF458
(c) Deadeye RF59
(d) Cleat - Junior Racing Cleat

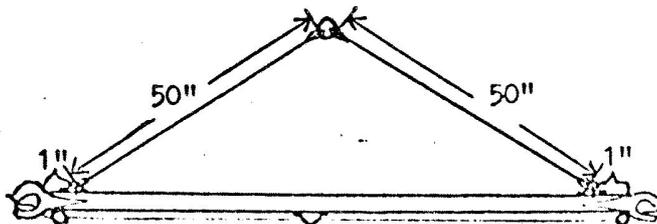
Topping Lift - 32 feet x ~~7~~⁷mm, 16 plait Marlow Yachting Line.
Clip RF533 whipped to one end.
(e) Block RF571 and saddle FG1048
(f) Block RF571 and saddle FG1048
(g) RF59 - Deadeye
(h) Cleat - Junior Racing Camcleat

Kicker - 17 feet x ~~7~~⁷mm, 16 plait Marlow Yachting Line.
Clip RF533 whipped to one end.
(i) Block RF571 and saddle FG1048
(j) Deadeye RF59
(k) Cleat - Junior Racing Camcleat

Sheet and Brace - ~~60~~⁴⁵ feet each ~~12~~⁸mm Yachting Line.
Clip RF836 whipped on to one end of each line.
(l) Blocks 2 x RF286.

Pole Ring
(m) RF602.

Spinnaker Pole
8 feet 1 inch x 1½ inch 16 guage aluminium tube
2 x RF601 parrot beak pole ends attached at each end in line
3 x saddles FG1048
Ring FG370
Bridle - see diagram below.



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PLACEMENT OF SPINNAKER FITTINGS

Halyard

- (1) Place saddle (a) approx. 6" above hounds.
- (2) Cut away section of mast tubing and inset sheeve box (b) into port side of mast, with lower edge of sheeve box approx. $2\frac{1}{2}$ " above base of mast.
- (3) Fit deadeye (c) to deck on post side $1\frac{1}{2}$ " forward of the line of the pop-top to lead the halyard between port side of pop-top and port jib track. (see fig. 3)
- (4) Place camcleat (d) between port jib cleat and pop-top.
- (5) Thread halyard through saddle (a) and using string and weight method or main halyard, pull spinnaker halyard down the mast and out through the sheeve box (b) then through deadeye and camcleat.

Topping Lift

- (1) Hook block (e) through saddle and rivet saddle in place horizontally, approx. positioned at spreaders. (May be placed higher if it is also to be used for cutter rig)
- (2) Hook block through saddle (f) and rivet saddle in place horizontally, approx. positioned 3" above base of mast.
- (3) Deadeye and camcleat to be placed on the starboard side corresponding to halyard fittings (see (3) and (4))
- (4) Thread Topping Lift through block (e), through block (f), then through deadeye and camcleat.

Kicker

- (1) Hook block (i) through saddle and rivet saddle in place diagonally positioned with the highest end approx. 3" above mast base (see fig. 2.)
- (2) Place deadeye (j) in line with halyard and topping lift deadeyes, outside handrail.
- (3) Fit camcleat (k) in line with halyard and topping lift camcleats on starboard side of jib cleat.
- (4) Thred kicker through block (i), through block (j) and then camcleat (k).

Sheet & Brace

- (1) Place blocks (l), one on each side of gunwhales as far aft as possible with sheeve of block sloping upwards and forwards. (see fig. 4)
- (2) It is suggested that winches are required and should be fitted in the position presently occupied by the jib cleat and the cleat moved down onto the companionway. This way the winches and cleats may be used for either jib and spinnaker - If however, winches are not used, cleats must be fitted in a convenient location to accomodate sheet and brace.

Pole Ring

Place pole ring (m) horizontally on forward side of mast 3' from base of mast to centre of ring.

PLACEMENT OF SPINNAKER FITTINGS

FIG: 1

Block already fitted on mast cap

Saddle and block (a)

6"

(e)

(m)

3'

FIG: 4

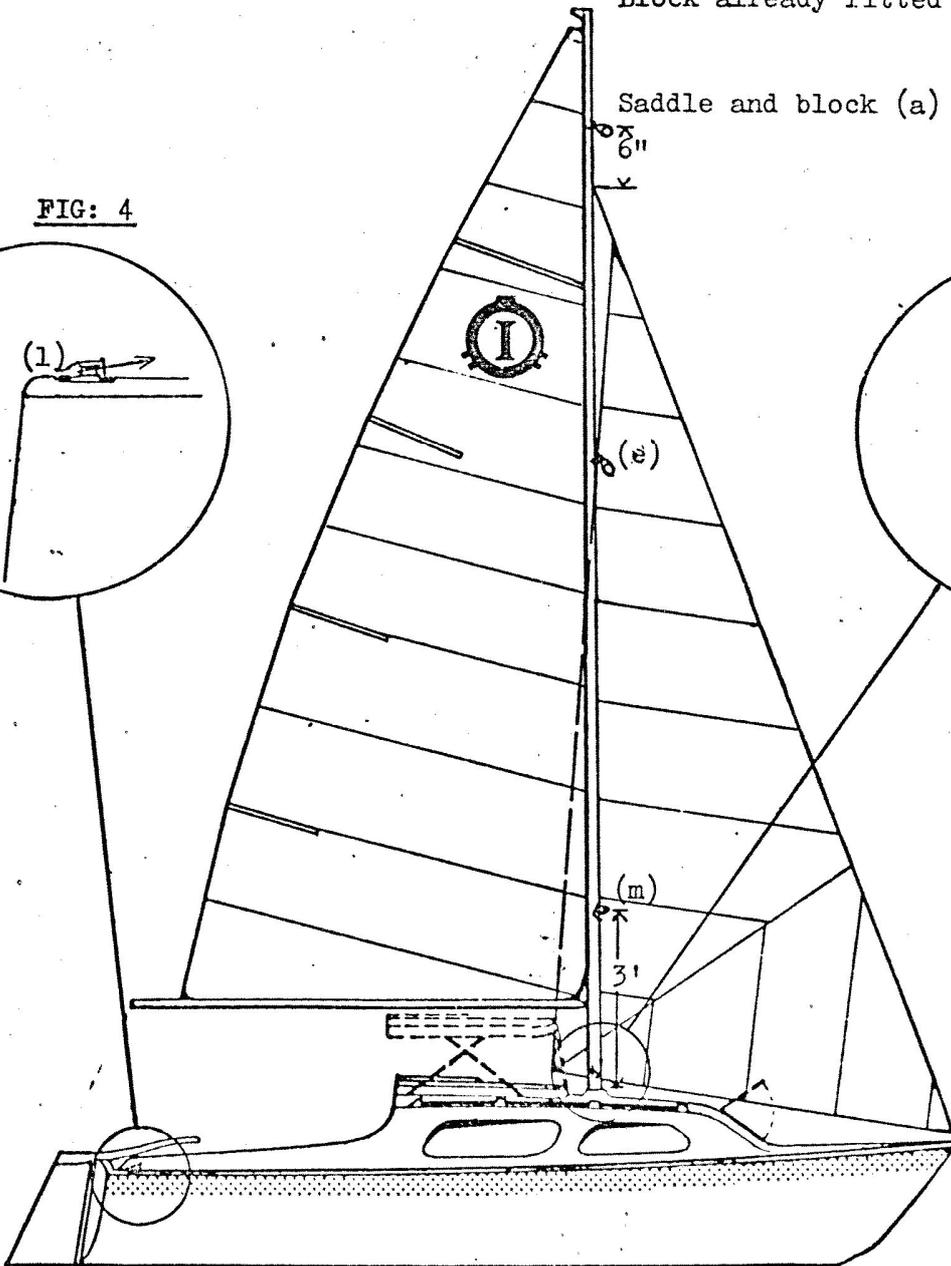
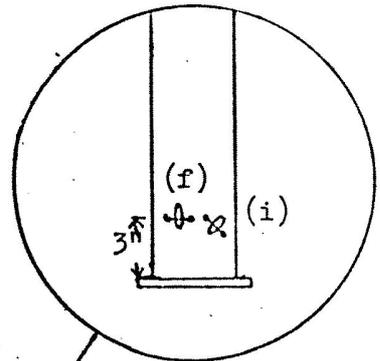
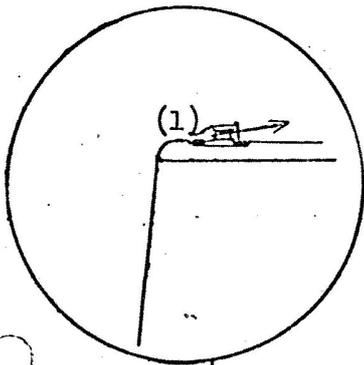
(1)

FIG: 2

(f)

(i)

3"



PLACEMENT OF SPINNAKER FITTINGS

FIG: 3

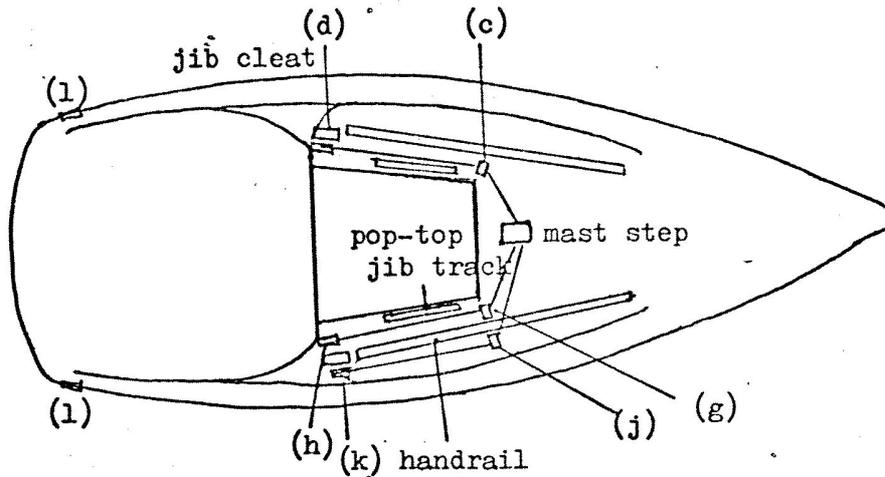
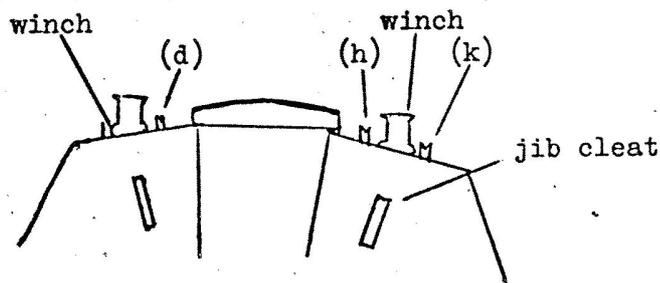


FIG: 5



N.B. It is suggested that different coloured line is used for each purpose.
e.g. Halyard - Blue
Topping Lift - Green
Kicker - Red
Sheet and Brace - White
This eliminates any confusion.

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Errata Sheet - for Technical Report No. 3

Spinnaker Fittings

Halyard - 60 feet x 7mm, 16 plait Marlow Yachting Line (blue).
Clip RF836 whipped to one end.

- (a) Saddle FG1048 and block RF571.
- (b) Sheeve Box RF458.
- (c) Deadeye RF59
- (d) Cleat - Junior Racing Cleat

Topping Lift - 32 feet x 7mm, 16 plait Marlow Yachting Line (green).
Clip RF533 whipped to one end.

- (e) Block RF571 and saddle FG1048.
- (f) Block RF571 and saddle FG1048
- (g) RF59 - Deadeye
- (h) Cleat - Junior Racing Camcleat.

Kicker - 17 feet x 7mm, 16 plait Marlow Yachting Line (red).
Clip RF533 whipped to one end.

- (i) Block RF571 and saddle FG1048.
- (j) Deadeye RF59.
- (k) Cleat - Junior Racing Camcleat.

Sheet and Brace - 45 feet (each) 8mm Yachting Line.
Clip RF836 whipped on to one end of each line.
(l) Blocks 2 x RF286.

Pole Ring

- (m) RF602.

Spinnaker Pole

8 feet 1 inch x 1½ inch 16 gauge aluminium tube.
2 x RF601 parrot beak pole ends attached at each end in line
3 x saddles FG1048.
Ring FG370.
Bridle - see diagram below.

