

IOM Rig Plan

by Anders Wallin

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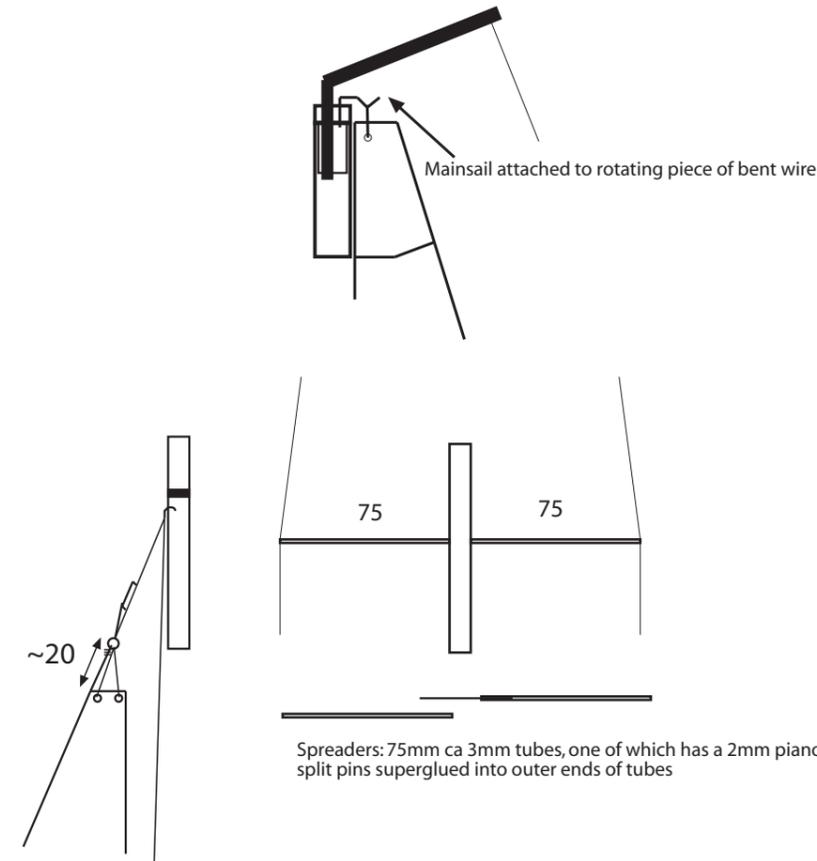
Based on IOM rigging instructions by M.Roberts

All measurements in millimetres.

Please suggest changes and/or additions to Anders.Wallin@Helsinki.Fi

NOTE: (These things can go wrong)
 - Holes for spreaders are to the side of mast, hole for jib is forward
 - Don't attach sheets permanently when setting up winch, you risk damaging the winch!
 - Superglue all knots.

	1	2	3	
Lower edge of masthead fitting (fitting acts as measurement band)	0	0	0	
Lower edge of meas. band	222	162	122	ca. 1,5mm holes
Jib attachment	227	167	127	
Sidestays attachment	245	185	145	
Measurement band should be 3-5mm wide and have good contrast against the mast.				
Spreaders	944	714	560	ca. 2-2,5mm holes
Upper edge of meas. band	1598	1178	878	
Deck	1680	1260	960	



Materials:

Masts:
 11,1mm or 12,7mm round or groovy tube.
 Bantock uses 11,1mm round for nr1 and 11,1mm groovy for nr 2 and 3

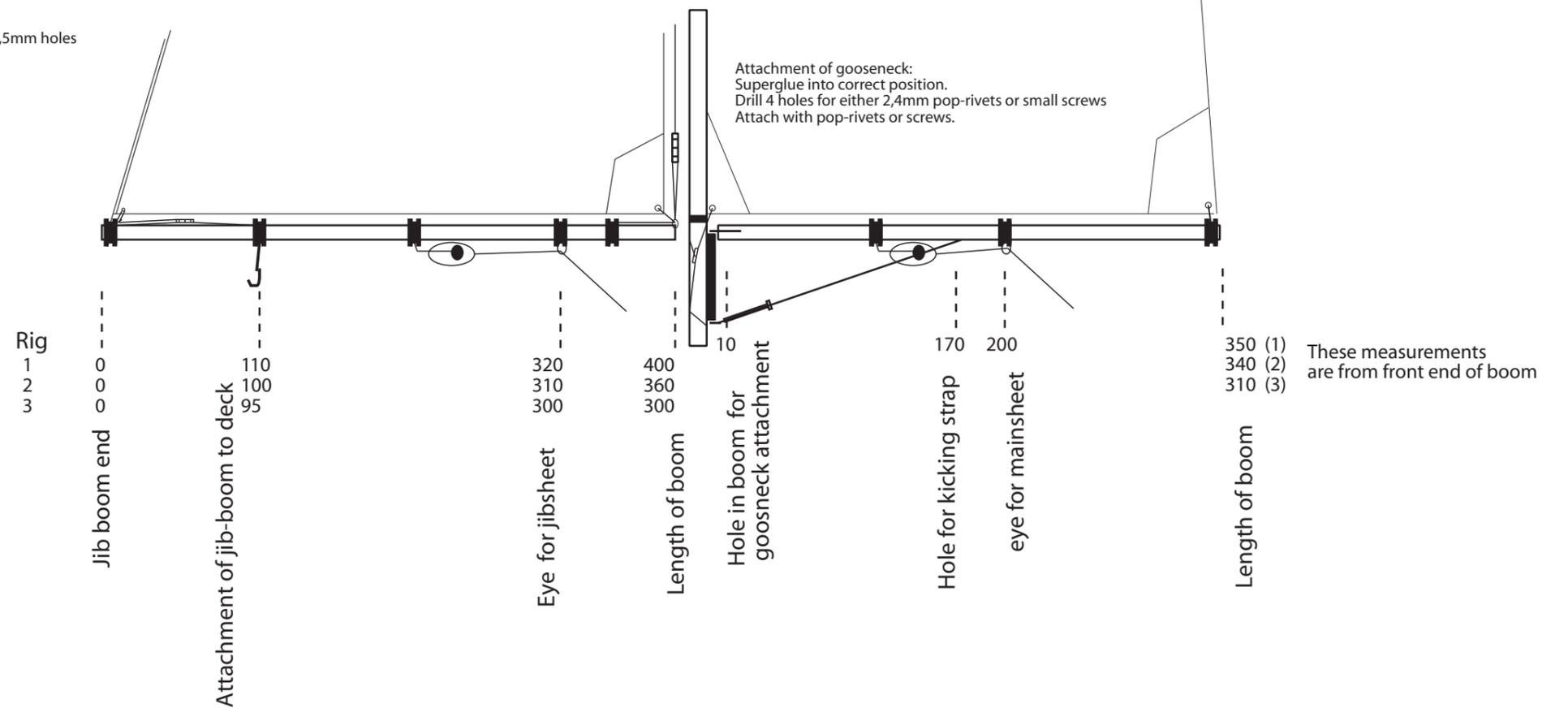
Booms can be around 9mm tube

Shrouds, backstay and jibstay
 I use 0,5mm solid steel wire
 Some skippers use 7-strand wire

Sheets should be strong Dyneema
 Clew, Tack and Top attachments can be of similar strength
 Jib boom topping lift can be thinner and lighter
 Mainsail sail ties can be thin light line

Spreaders: 75mm ca 3mm tubes, one of which has a 2mm piano wire glued into it split pins superglued into outer ends of tubes

Attachment of gooseneck:
 Superglue into correct position.
 Drill 4 holes for either 2,4mm pop-rivets or small screws
 Attach with pop-rivets or screws.



Mast material:

- 1 11,1mm round OR 12,7mm round tube
- 2 11,1mm round or groovy tube
- 3 11,1mm round or groovy tube

Note1: Spreaders not necessarily needed on no. 3 rig

Note2: Deck level may vary depending on yacht