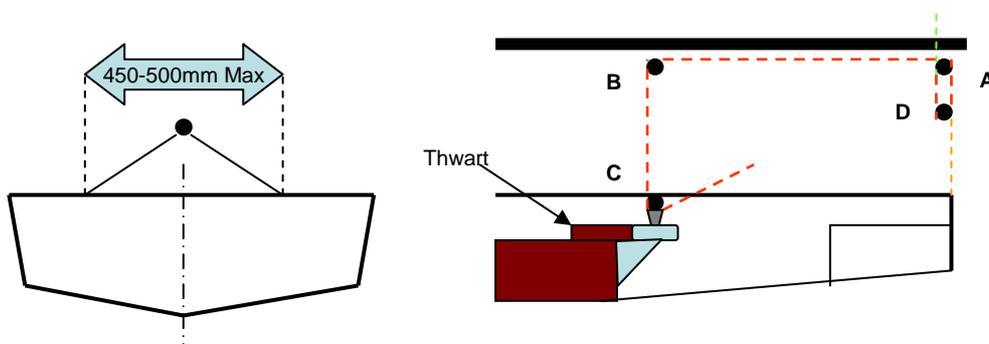


Mirror Centre Main 2007 Rules



1. Set up the boat with the correct amount of rake for the conditions.
 - Typically 4850 – 5050mm, Top of transom to the bottom of the mast **upper limit mark** (black band)
2. Raise the mainsail so that the sail is just touching the upper limit mark, we use a wire and hook rack to ensure consistent and reliable positioning. This creates the reference around which all mainsail controls are marked.
3. Set the outhaul to the maximum outboard position (without the sail lifting the boom) -----
4. Position the aft mainsheet block 'A' on the boom using a deck eye and rope loop slightly outboard of this. *In light or really heavy airs you may wish to tension the foot so that it lifts the boom.*
 - Harken 29mm Carbo Block - 351 or similar above the transom top.
 - We Remember to make a rope loop becket as well as the loop around the boom (x2), use Samson Lightning 2mm as this can be made into strong loops and is quite abrasion resistant.
5. The Centre main bracket (custom made) and swivel 'C' (Harken 010) needs to allow the turning block (40mm Harken Carbo Ratchet) to be far enough aft to allow the crew to cross the boat with the conventional kicker attachment.
 - I make the centre of the turning block 125mm aft of the thwart.
 - I can get through and I am nearly 6ft and 13st! ●
6. The boom turning block 'B' (Harken 29mm Carbo Block – 351) should be positioned to allow the mainsheet to form a vertical drop from the boom to the Centre main turning block.
7. Turning block 'D' (Harken 29mm Carbo Block – 351) is critical and the height needs to be adjusted according to rake so make the strop long enough that the blocks touch so as to meet the requirements of 1. below.
 1. In light airs you want to sheet to the centre line but NOT tension the leach
 2. In strong winds you want to be able to tension the leach using the masinsheet if necessary.
 3. The length of the strop must not be adjustable on the water! So you'll have to adjust on shore for the forecast wind and the rake you are using!
8. There must be a mainsheet retainer between blocks 'A' & 'B' with a gap not exceeding 50mm. P&B make a neat little tube that sticks on.