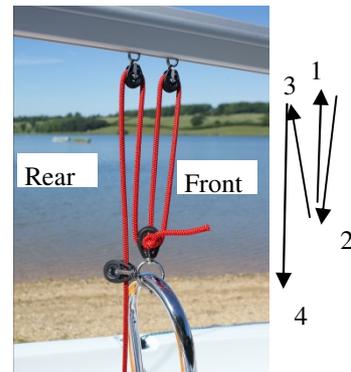


# LASER BAHIA HINTS and TIPS

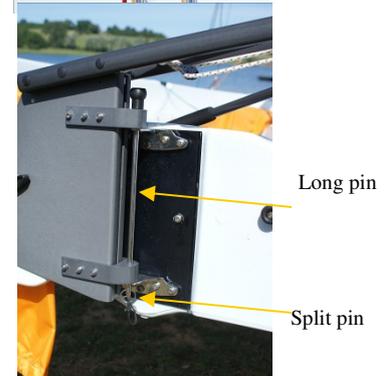
## Rigging

1. Take off cover
2. Rig the main sheet as per the picture. Start from the forward pulley on the handle with the stopper knot, up through the front block on the boom (feed back to front) down to same forward block on handle (feed front to back), up to rear block on boom (feed front to back) down to the remaining block on handle and then down to the main block in the cockpit. Make sure to feed the rope through in the direction of the arrow on the block. Put a stopper knot on the free end of the main sheet.
3. Make sure the BUNG is in, on transom.
4. If the reefing line is attached to the rudder plate undo (make sure there remains a knot at the end of the reefing line).



## Rudder

1. Place the rudder on the transom mount. The long pin comes all the way out (but you have to move the rudder uphaul and downhaul ropes out of the way.)
2. Put the split pin in the bottom of the long pin. Do not remove the split pin from the string.
3. Become familiar with the uphaul and downhaul for the rudder. When on the water loosen the wing nut so you can use the uphaul and downhaul. When in deep enough water pull the downhaul, and then tighten the wing nut. NOTE: with the uphaul tight there will be NO rudder in the water, and no steering ability!



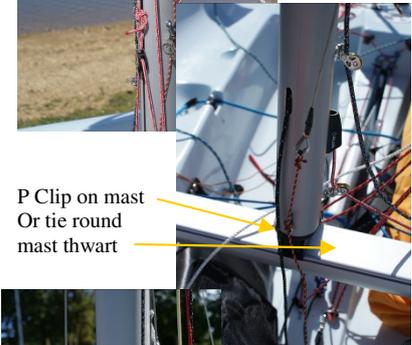
## Jib

1. Raise the jib by pulling on the Jib halyard (white rope) coming out of the rear of the mast.
2. Pull through until the wire loop is seen.
3. Put the wire loop onto the jib halyard purchase system (red and white rope with hook) note that the hook should be facing aft, and also make sure that the white rope is not trapped between the wire and the hook.
4. Tension the jib using the jib halyard purchasing system on port side of mast.
5. Tidy away the white rope into the halyard pocket.
6. REMOVE the forestay from the Jib Tack bar at the front of the boat (see picture overpage by jib) and fasten to the P clip at the bottom of the mast.
7. Tighten the LOWER Shrouds, if they are loose.
8. When on the water release the furling line (Thin Red with yellow and blue on stbd deck) from the cleat before pulling the blue jib sheets.
9. Pull on one of the jib sheets (pure blue) to unfurl.



## Mainsail

1. Put the rolled mainsail in the boat on the PORT side. Make sure boat is head to wind.
2. Release the main halyard (Black & White rope) from the lower part of the mast on the Port side. NOTE: if the boat has been put away correctly the boom will DROP, so do it carefully. Retrieve the main halyard end from the aft end of the boom (Black bobble).
3. Take the main halyard forward and attach to the head of the sail. Bobble should end up also on the PORT side. Mast head buoyancy should also be attached.
4. Pull on the main halyard while the crew feeds the luff of the sail into the groove, again on the PORT side of the Gnav. Hoist to the top.
5. Cleat the mainsail, and stow the main halyard in a pocket.
6. Secure the Velcro tack around the mast.
7. Feed the plastic slug on the sail into the cut-out in the top of the boom.
8. The OUTHAUL line is Black and Green. Take the outhaul line from the aft end of the boom and pass through the clew from stbd to port back to the rear of the boom and put the knot in the slot at the end of the boom. Control from the cleat at the front of the boom.
9. The CUNNINGHAM is the small RED (yellow & blue flecks) rope on the stbd side of the mast. Pass the loose end up through eye at the bottom of the mainsail from stbd to port. Anchor the end of the Cunningham by sliding the knot into the mast track just below the gooseneck.
10. Reefing line (Black - yellow blue fleck) Should be stowed on the front pocket of the sail on the port side when not in use.
11. Tighten kicker to required tension on centre of cockpit.



## Returning to shore

1. Remember to undo the wing nut on the rudder before coming in. Loosen the rudder downhaul and be ready to pull the uphaul. Note that when pulled fully the uphaul takes the rudder right out of the water (so you can't steer).
2. Centreboard should be up
3. Painter— there is a painter on the bow of the boat (it pulls out), just above the spinnaker pole.

## DERIGGING—Mainsail

1. Release Cunningham (red/white) on stbd side of mast. Take out the knot on the end of the Cunningham from the mainsail track just below the gooseneck.
2. Loosen outhaul (Black and Green) on boom cleat, then take off the outhaul at end of boom. Take the slug on the sail out from the top of the boom. Note that the boom will now drop.
3. Take out main halyard from the pocket and unravel. Undo the main halyard (black/white) from the cleat on the port side of the mast. Pull the main sail down into the boat cockpit. Undo the bobble from the head. Take the bobble to the end of the boom and attach in the same place as where the outhaul was fitted. Go back to the halyard at the mast and pull, so that the boom is raised to the horizontal position. Cleat off.
4. Neatly roll the sail, and place in the bag. Leave in the cockpit down the port side.

## JIB (You must attach the Jib Forestay before lowering the Jib)

1. If not already done furl the jib using the jib furling chord (thin Red with Yellow and Blue) on the starboard deck.
2. Take the Jib forestay from the p clip or bar at the base of the mast.
3. Attach Jib forestay to the Jib bar (not the furling device) near the bow. **(This must be done BEFORE you lower the jib, else the mast will fall down).**
4. Take the Jib Halyard (white) out of the pocket.
5. Undo the Jib Halyard tensioning system and remove hook from the wire loop. The white halyard will then pull up into the mast as the jib drops. Lay the jib down the starboard side of the boat.



Attach jib forestay to bar on bow

## Rudder

1. Reverse the process for attaching the rudder.
2. Place rudder assembly in the cockpit

## Finally

1. Take off the main sheet by undoing the figure of 8 on the end of the main sheet
2. Put the cover on
3. Take the black reefing line from the end of the boom and attach to the rudder transom plate, to stop the boom swinging.
4. Open the bung.

**Note: while tacking and gybing the tiller extension must be rotated backwards over the transom**

Ropes	Colour	Where found
Main halyard	Black/white	Mast port side
Jib halyard	White rope. Metal loop	Mast central
Outhaul	Black with green	Boom fore and aft
Reefing lines	Black/blue & yellow fleck	Boom fore and aft
Kicker	Red/blue & yellow fleck	Inside cockpit
Cunningham	Thin Red blue & yellow flecks	Stb side mast
Jib furl line	Thin Red blue & yellow flecks	Starboard cockpit
Jib sheets	Blue	
Spinnaker sheets	Blue with yellow flecks	
Spinnaker Halyard	Black/ Yellow & blue flecks	Loop inside cockpit

**Reefing** - There is a single line reefing system that is easy to use. The reefing line is black with yellow flecks. At rear of boom take reefing line and lace from side to side upwards to top eyelet and then back down to the boom and attach in the same way as the outhaul to the other side of the boom, or tie round the boom with a bowline. At the front of the boom take the loose end of the reefing line and lace upwards through the eyelets, and then back down pushing the reefing line near the knot into the small hole on the front of the boom. There is a separate diagram.