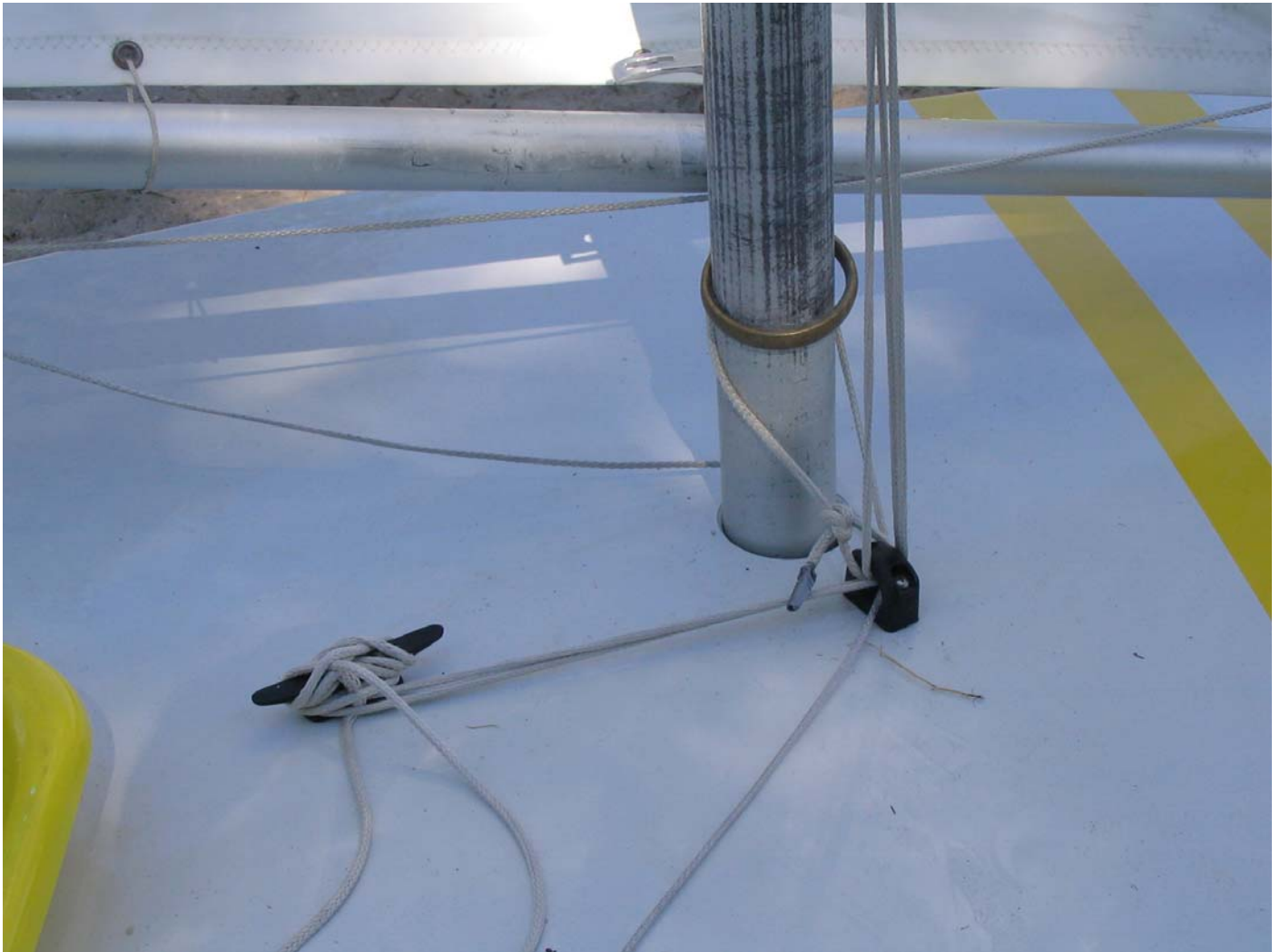


Vang set up on the Sunfish -

The vang is an important control. Because it is not directly pulling down in the boom in the traditional sense, the vang should be thought of as a control that keeps the spars open, or more importantly keeps the leech of the sail “working” as one plane (foil or edge).



One possible process for setting the vang might be to do the following:

- 1) Tack onto starboard tack and sail upwind to observe the vang tightness with the mainsheet in its fully trimmed upwind setting.
- 2) The gooseneck ring should stay in place without rising up (meaning the vang should not change its angle when the mainsheet is trimmed. Conversely, over tightening chokes the sail.
- 3) If the gooseneck is looser than optimum the gooseneck ring will become horizontal with the deck because the boom blocks should be (~90 degrees) in the downward direction.
- 4) *Advanced Tip* - at this point the boat should be very close to optimum, however the more advanced might choose to tack on to port and open the gooseneck adjuster to assure that the blocks (and front end cap) are directly vertical. At this point, the gooseneck will be pointed down toward the deck a few degrees when it is set in hiking conditions. The blocks will be less than 90 degrees to the deck but they will trim smoothly without added friction.