**Hull Maintenance**

**Note**: barnacles begin to build up if a boat does not move in more than 10 days.

Bottom Paint

When a boat is hauled out, it is mandated to be pressure washed as required by law in most locations. This may not be done as well as it could be, so if necessary, finish removing barnacles in the following ways

* Use a stainless brush and gently wipe them off
* Use a putty knife if that does not work, and then go back to the brush again
* try a stronger or colder pressure wash temperature, spraying parallel to hull
* apply hcl, and revert to putty knife again
* use lime remover after applying the acid to remove it.

The hull should now be free of barnacles, now is the sanding:

* Mask off gel coat section from bottom section with masking tape.
* Start with 80 grit, or 50 grit in thick locations, and then 80 grit after, until about 50% of gel coat is visible and 50% of leftover bottom paint remains visible, sand by hand when needed.
* Wash away excess dust.
* Dry
* Apply first coat of antifouling/bottom paint to complex locations by hand and the rest of the haul with a roller
* wait recommended time, and apply a second coat.
* Remove masking tape.

Fiberglass and Gel Coat

Yellow color is due to oxidation, sun damage, and water seeping into the gel coat. Test different methods before determining how much of the gel coat needs to be removed. If too much is removed, another gel coat will need to be applied, which has a short cure time and is a messy process.

* In worst scenario, begin with 350 grit wet sand paper in a swirling motion
* Apply 3M heavy compound by swirling, follow directions to remove afterward
* Apply 3M finesse compound by swirling, follow directions to remove afterward
* Using a lambswool buffer, buff to finish.

Teak

Teak is oil-based, and it should be treated with oil based chemicals. Teak is not available in general stores, so if you need to find it go to 84 Lumber. It ain't cheap, but it will stand up against water for a lifetime.

* Power sand away top layer with approx 220 grit to remove stains, or wear.
* Linseed teak oil is darker than other kinds, so use it.
* Spar polyurethane is meant for outdoors, use it to seal the teak after 2 weeks
* Sand with 350 and 600 sanding paper (dry) after each layer of poly.