

## The Pt Skiff Modified October 2009 Update

The PT Skiff was designed for maximum fuel efficiency using lightweight construction and a hull shape studied for high performance under various loads & conditions.

In reviewing it for our kit business however, we decided to take the design a step further.

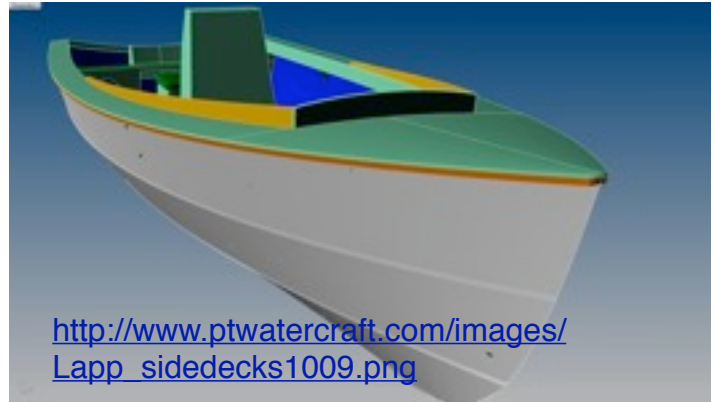
The original design needed foam flotation in most of the compartments in order to comply with USCG requirements.

Most production skiffs are this way, but we didn't like the thought of having most of the available stowage space filled with foam.

Much of the flotation needed is to provide stability in the case of a swamped boat. It made sense to put some of this buoyancy at the outer edges of the boat.

We had been thinking about side decks while building the first boat as a way to simplify construction, so the choice was made to re-design the boat with side decks and allow for 3" of foam to be fitted in the space underneath. This foam is hidden by the coaming.

The modification will mean that the boat will have a much smaller outer spray rail, and be about 15lbs heavier.



### **the advantages are;**

- Stability if flooded,
- Storage in lockers, instead of foam,
- A more rigid structure,
- More security. Side decks mean the boat is much less likely to ship water in very rough weather.

We have recently completed construction of the second prototype and as of March 2010, the manual is in its final stages of preparation. There are lots of pictures on our blog.

**Click links on photos to see larger images.**



<http://www.ptwatercraft.com/images/skiffkitcut1009weblg.jpg>