

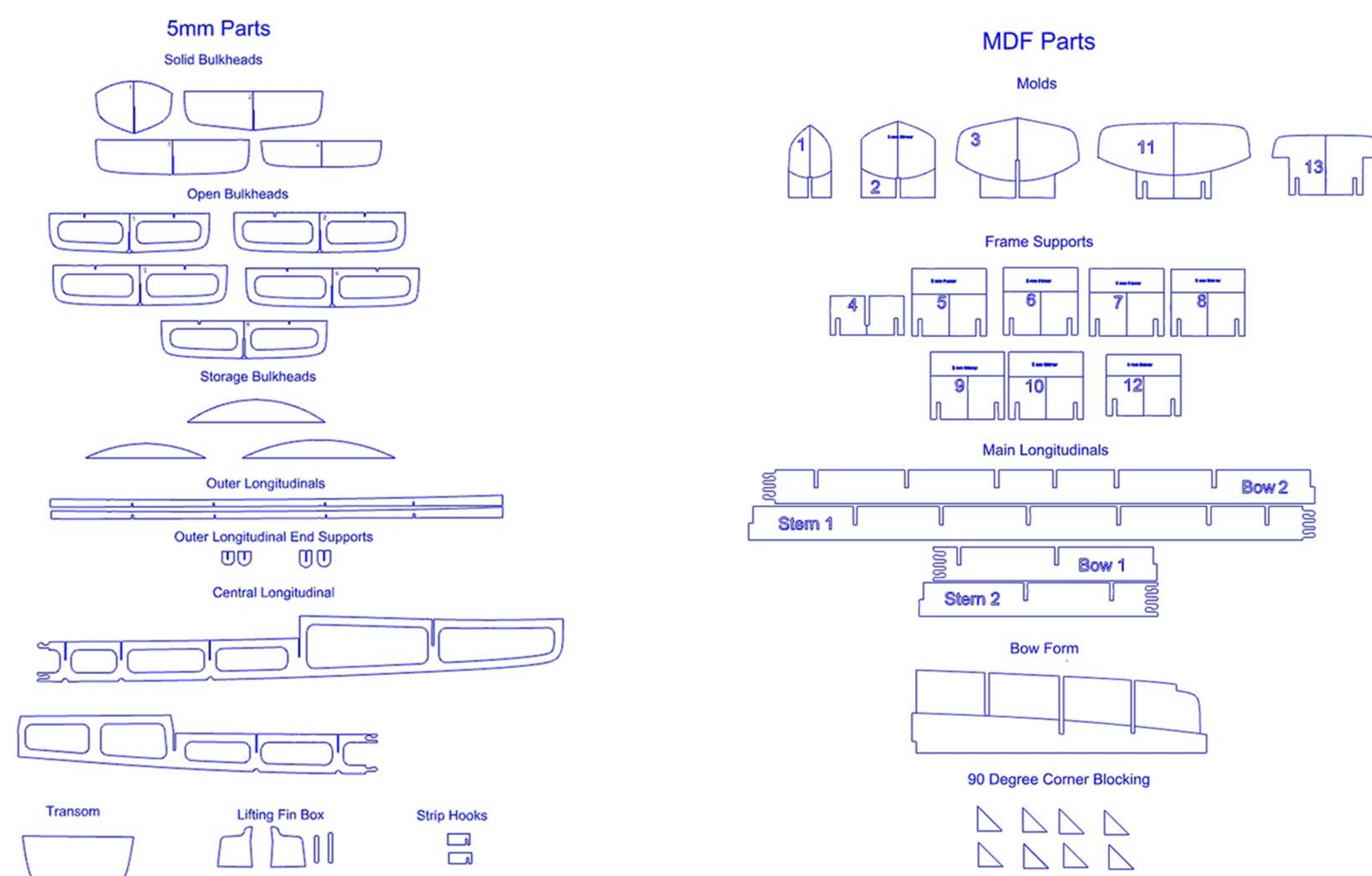
Length 14.5 ft. 4.42 m.
 Beam 31.5 in. 80 cm.
 Board Depth 7 in. 17.75 cm.
 Displacement @ Designed WL (3.5 in./9cm.)
 300 lbs. 136 kg.
 Maximum Recommended Capacity
 425 lbs. 193 kg.

KITS

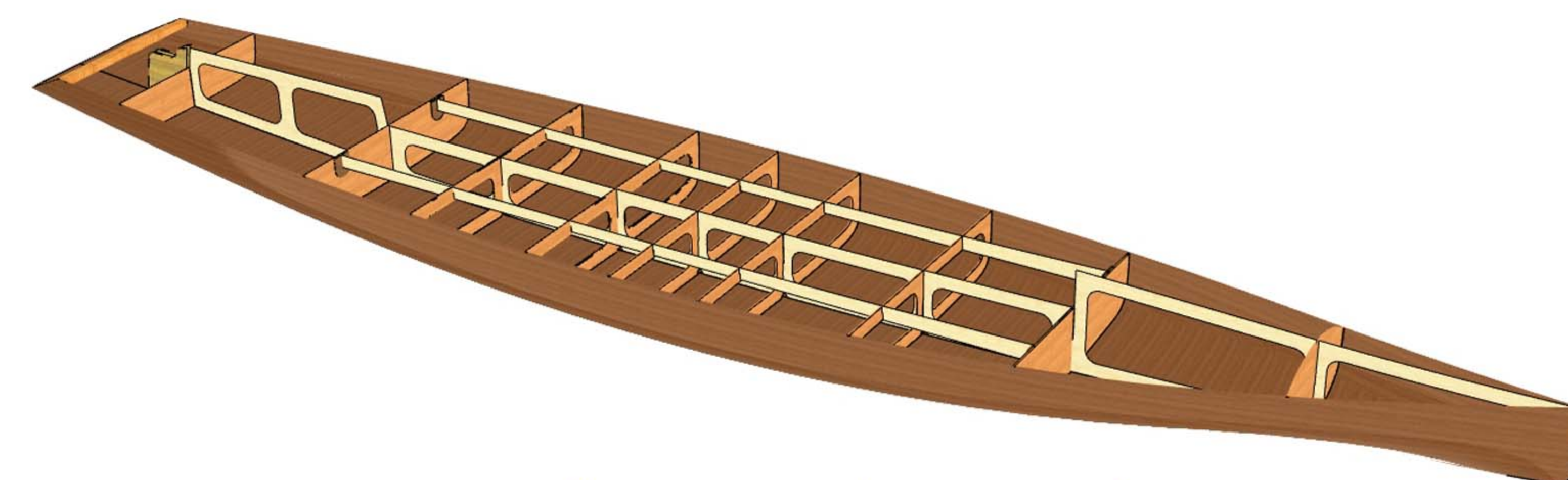
All models are available as kits only, this is because of the need for parts to accurately interlock to serve as both as the mold for building and as structure in the finished board. The contents of each kit varies depending on the options choosen the following parts list is typical and based on the standard model. Kit options vary from those containing just CNC cut parts cut to suit the model and fin configuration selected to complete kits that contain the items found in the list below. All kits make use of the structure to form part of the building jig. Getting started with any of the kits requires builder suplied sawhorses and a flat surface made of plywood or similar to assemble the CNC cut mold system on.

2 Gallons of epoxy w/ hardener & dispensing pumps
 10 yds. 50" 4 oz. boat cloth
 12 yds. 38" 2 oz. boat cloth
 1,215 linear ft. cedar strips
 Wood to build lifting fin
 5mm marine plywood structure parts
 CNC cut mold system parts

TYPICAL CNC KIT PARTS



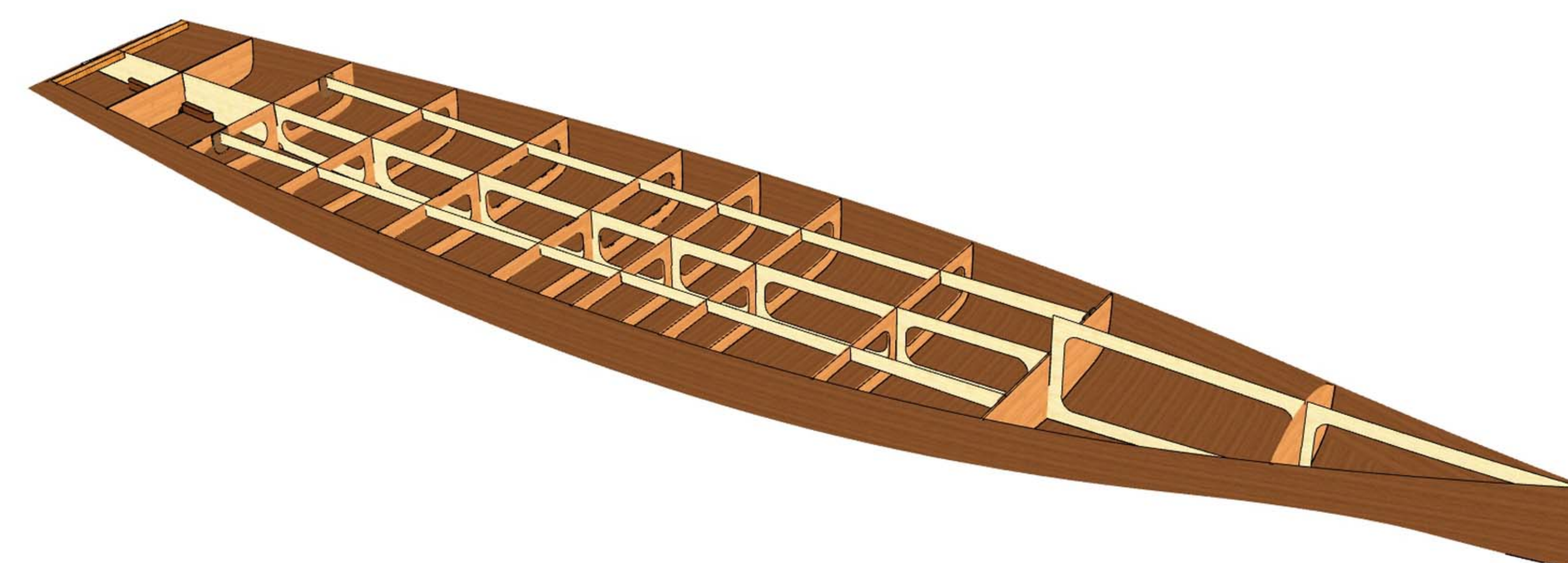
Expedition Structural Layout w/Lifting Fin



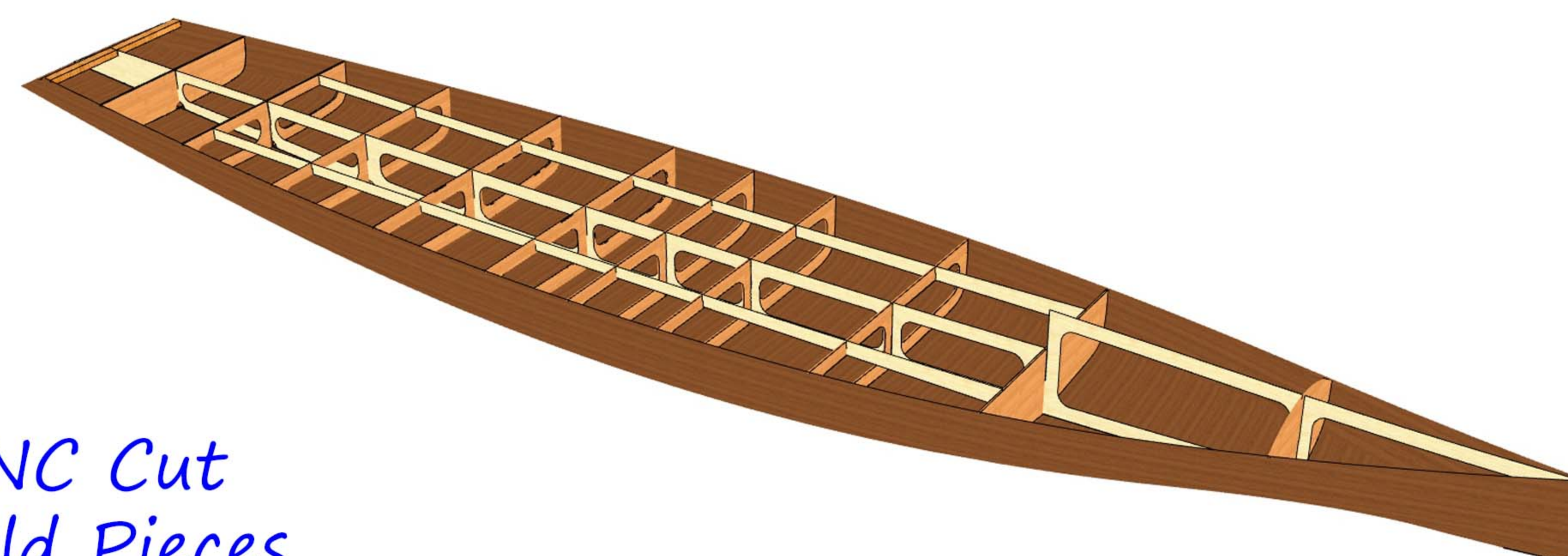
Flat Deck Version



Explorer/Excursion Structure w/Fin Box



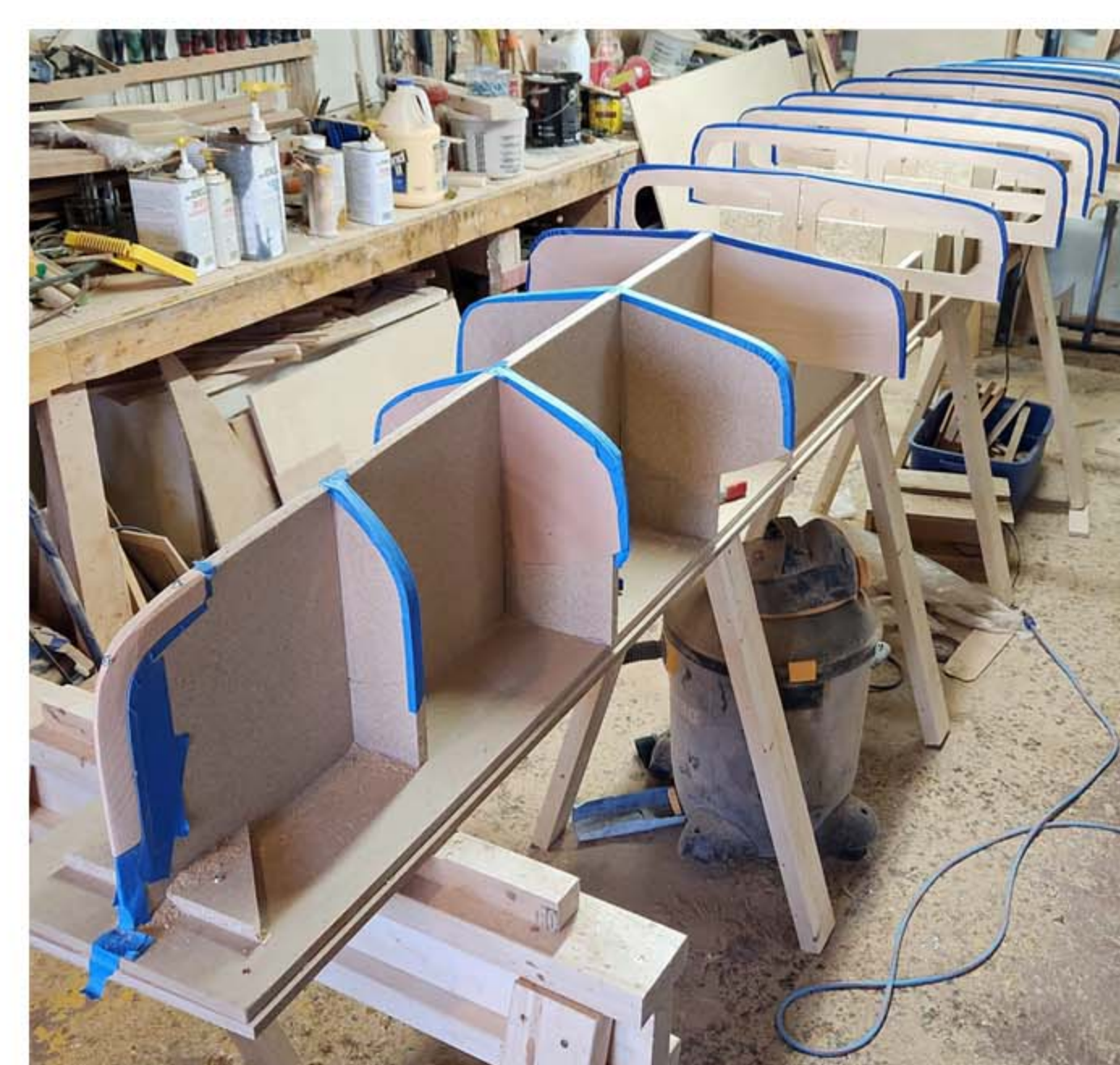
Explorer/Excursion Structure w/Fixed Fin



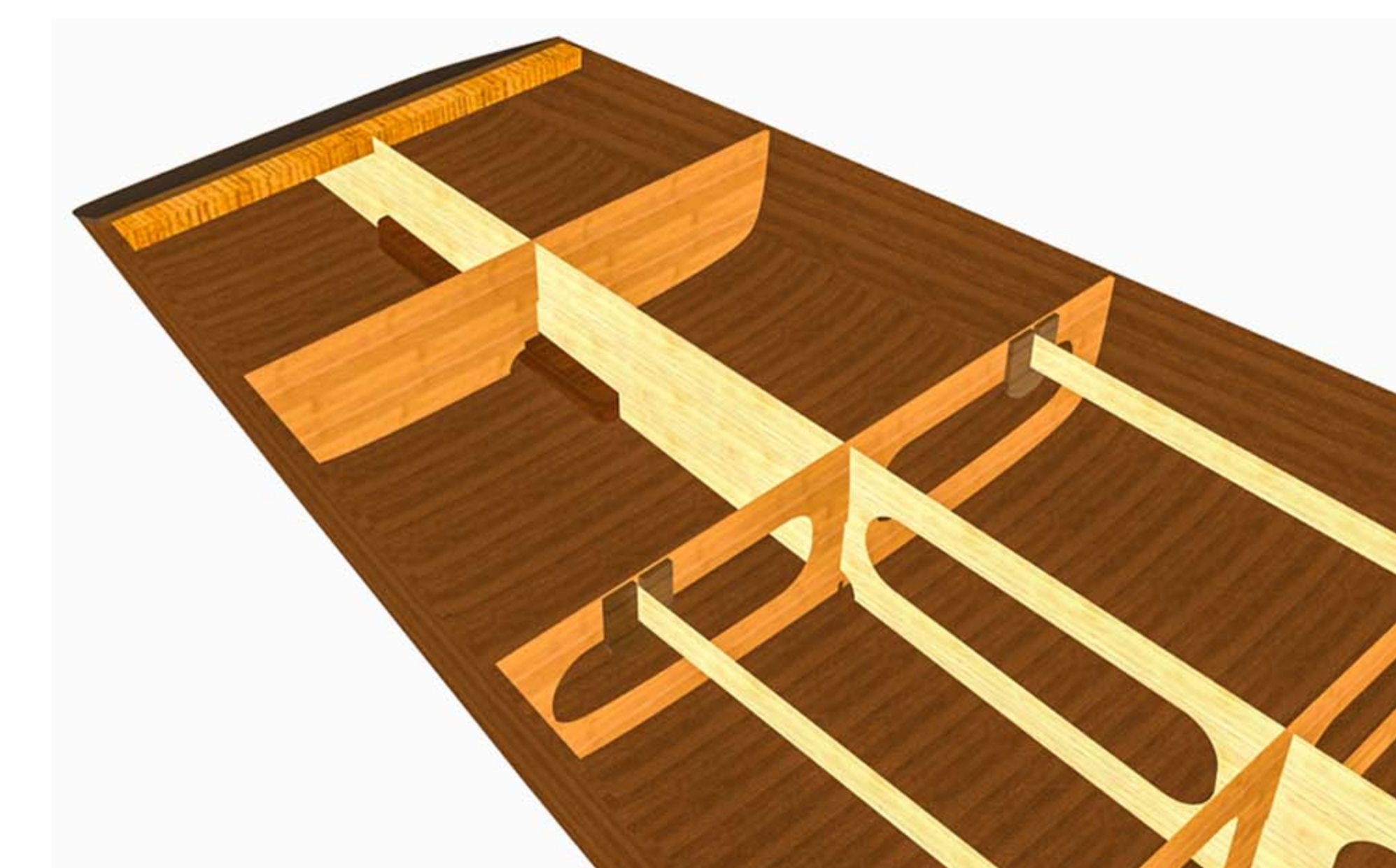
CNC Cut Mold Pieces



Mold Assembled on Backbone



Stern Construction Detail Fin Box Version



OPTIONS

Originally designed with trippers in mind, the design has evolved to include a number of build options, suiting a variety of uses. These choices need to be made before ordering a kit, one as seemingly simple as fin type changes the parts a kit will contain. The renderings in this study plan illustrate many of these options. We offer the same basic hull design as three models each reflecting a different use all utilize the same hull with a different deck configuration, these are coupled with three different fin configurations. As a result while the hull shape remains the same, the structure varies based on deck layout and fin choice.

The result is that should you purchase a kit for one model, attempting to build a model other than the one the kit is intended for will range from difficult to impossible.

Expedition: The original configuration, with forward and aft storage compartments, available as full kits or kits containing only the CNC cut parts. Kits can be made for lifting fin, fin box or fixed fins.

Explorer: These feature a forward storage area with a flat aft deck. Explorer and Excursion models offer two fin options, the absence of an aft compartment removes support needed for the lifting fins case.

Excursion: The most conventional version of this hull design having a flat aft deck and no storage compartments, has the same fin options as the Explorer.

Due to the number of options available to builders we recommend you contact us regarding the version you wish to construct and which options/board style you would like. getonthewater@sympatico.ca



Fixed Fin Option



Fin Box Fitted in Hull

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Design: Cedar/Epoxy 14.5 ft. SUP

Dwg: Study Plan