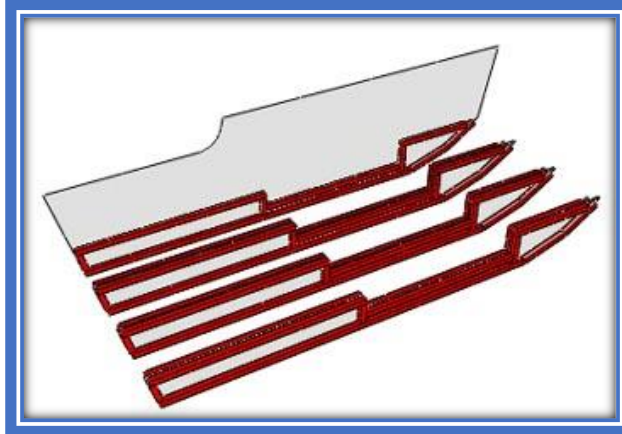


## HB16 and 18 Hull Assembly Method

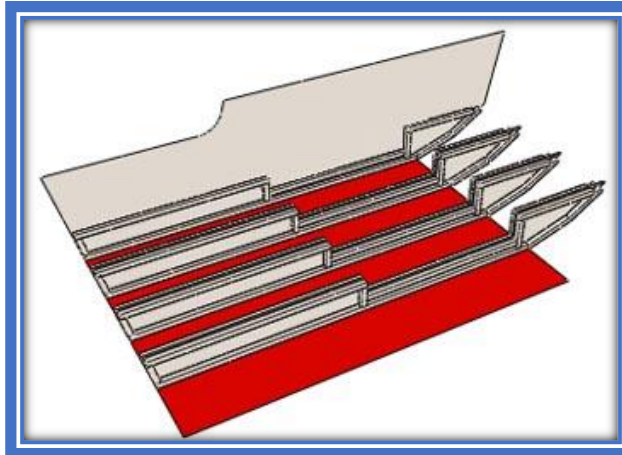
**Step 1:** Cut plywood for bottom, bow panels, sides, stringers and floor frames.

**Step 2:** Frame side panels and stringers all around with 2x2 cleats epoxy glued to the plywood parts.



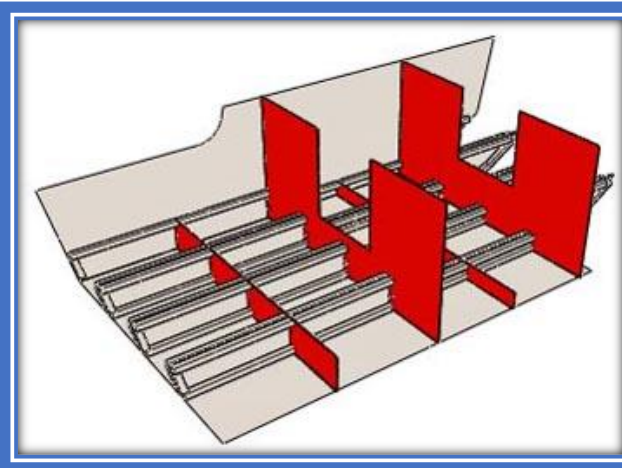
**Step 3:** Layout bottom panels.

**Step 4:** Install longitudinal parts: sides and stringers on bottom (dry)



Note that the bottom panels are loose. We will join them with butt blocks later, but you may want to use some temporary blocks to keep them from moving.

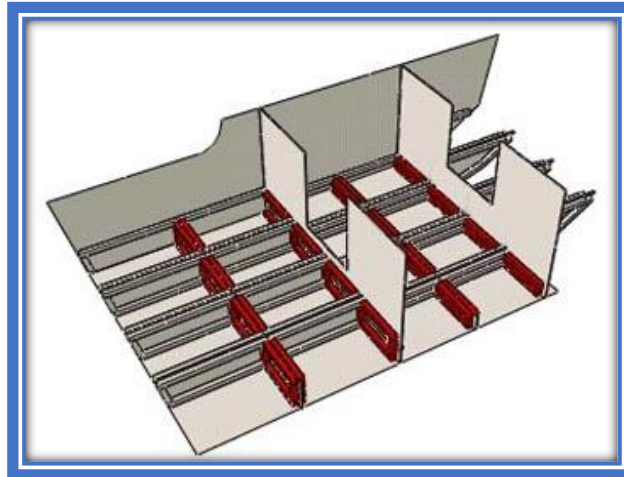
**Step 5:** Cut and install bulkheads A and C (up to sheer level) Install floor frames between longitudinal. Frame floor frames and bulkheads (as required).



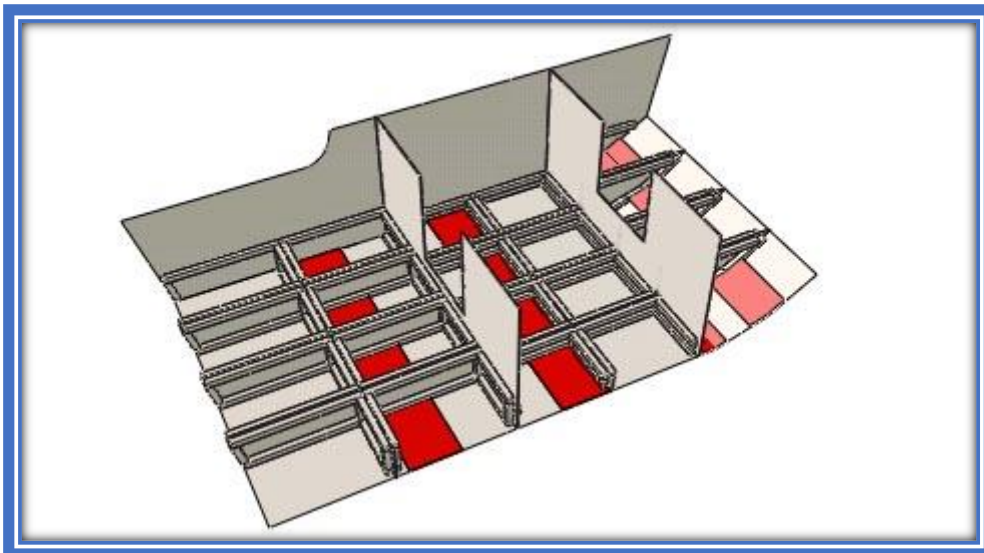
Install transversal cleats after plywood parts.

**Step 6:** Epoxy glue longitudinal and transversal framing to bottom panels including side panels.

## HB16 and 18 Hull Assembly Method

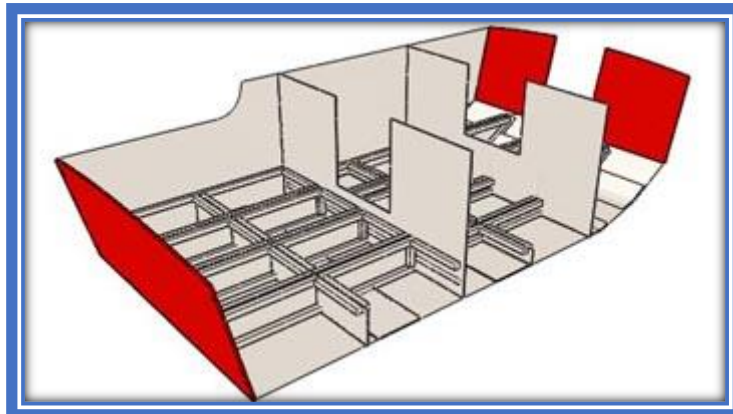


**Step 7:** Install bottom butt blocks between framing. Install the two-bow bottom panels and build FG splices at bow bottom panels.



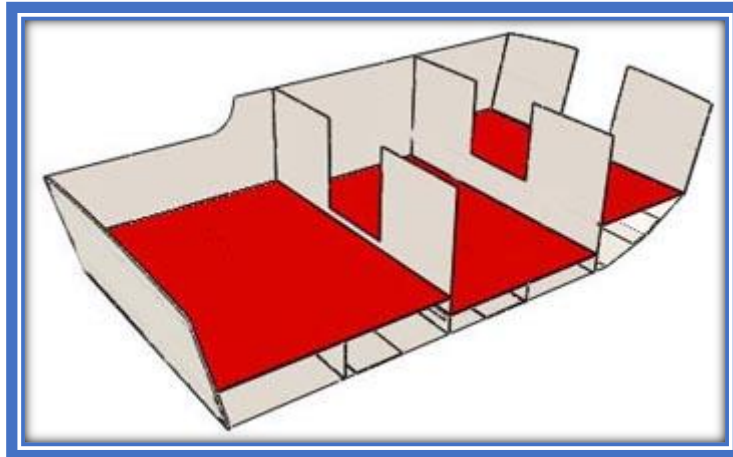
(Butt blocks are used on the flat part of the bottom, fiberglass seams at the bow. Specifications are given on the plans)

**Step 8:** Install transoms, build FG seams all around, inside, above sole level.

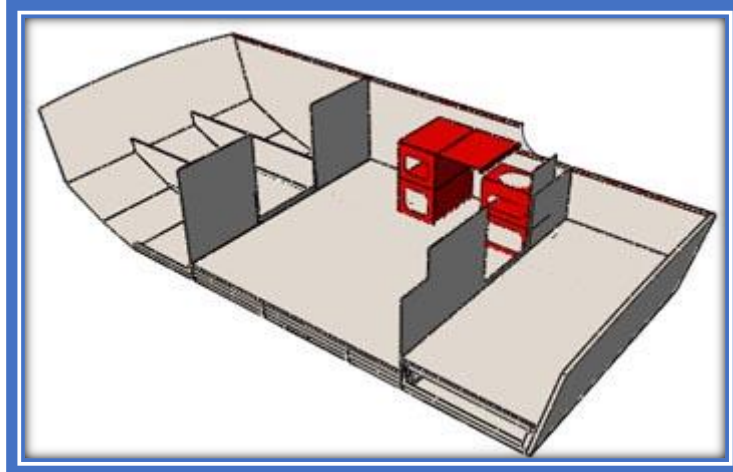


**Step 9:** Install sole panels in cockpits and inside, epoxy glued on framing, FG seams all around perimeter on upper side. Build seams around bulkheads as required: FG seams in visible corners, cleats on hidden sides.

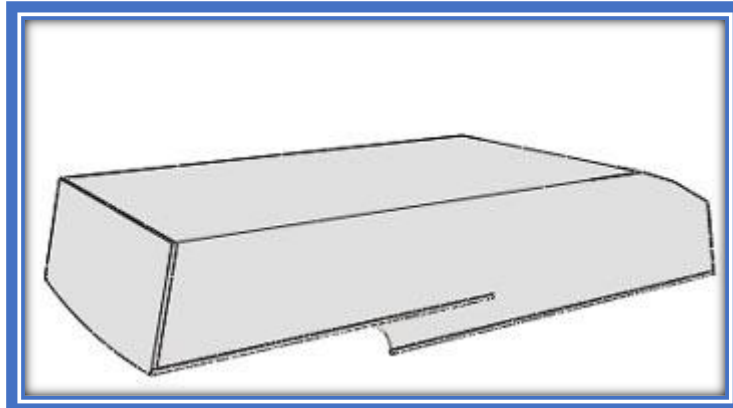
## HB16 and 18 Hull Assembly Method



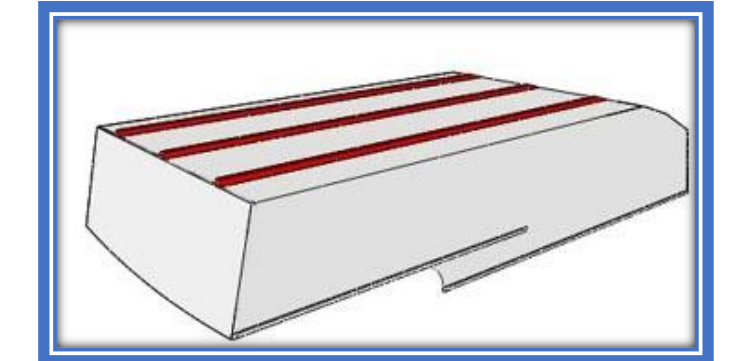
**Step 10:** Build inside accommodations structure. Install rubrails.



**Step 11:** At this point, the hull is rigid and strong. Roll hull over. Fiberglass bottom as specified.



**Step 12:** Install strakes, epoxy glued. Roll over.



**Step 13:** Finish inside, install roof etc.