

yond the transom and the edges fit flush at the chine bevels.

Prop the framework on its side while you trace the outlines of the frame members on the inside of the plank. Then remove the plank and drill \(^{1}\)32-in. locating holes at 12-in. intervals in these outlines so you can locate the screws when the plank is in position. After coating the contacting surfaces with glue, fasten the planking in place with 1-in. ringed nails spaced 1\(^{1}\)2-in. apart. Attach the bow plank (Fig. 3J) in the same way, lapping it on the fore end of the bottom plank.

Next, using a paper pattern of the side sponson plank, cut two of these from ½-in. plywood (Fig. 4D). Attach these to the bow plate with 1-in. ringed nails. Make the sponson chines by tracing the curved edge of the sponson side plank on ¾-in. plywood. Attach a pair of these plywood strips to the inside edge of each plank, gluing and clamping them in place one at a time.

Next trace the curved edge of the bottom plank on a piece of cardboard as a pattern for the tunnel plank (Fig. 6F). Transfer this pattern to 1 x 6 stock and cut the planks out. Check this assembly with a straightedge to be sure the sponson bottom plank will lie smoothly along the full length of the sponson chine and tunnel planks.

Sponson Planks. Use $\frac{1}{4}$ -in. plywood for the sponson bottom planks, soaking them or steaming them with a wet cloth and an electric iron to make them pliable. Attach the planks with glue and $\#8 \times 1$ -in. fh screws and plane the edges flush with the side planks.

Now trim the main bottom plank along the chine bevels and clamp the side planks in place. Attach these in the same way as you did the bottom plank and then trim them flush with the chine and sheer. Before turning the hull over, reinforce the aft edge of the bottom plank (Fig. 4B) with 1 x 4 stock.

Make up the jig for boring the prop shaft alley from a 12-in. length of 4 x 4 stock drilled and cut as in Fig. 5D. Temporarily attach one half to the keelson with woodscrews to use as a guide for a 7/8-in. auger bit mounted in a hand brace. When the hole is bored, remove the jig and smooth the edges of the alley.

Next make up and install the shaft log (Fig. 3G), and after aligning it and the shaft alley by inserting the prop shaft, fasten the shaft log to the keelson over a gasket and a thick bead of bedding compound. Before installing the decks, apply two coats of plywood sealer to the interior of the hull. When this is dry, finish with a coat of enamel.

Now clamp the side decks in place so they are flush with the inside edge of the coamings and mark the outlines of the frames, coamings, and sheer clamps on them. Saw the planks to shape and then coat the undersides, except for areas to be glued, with plywood sealer. Attach the decks with glue and 1-in. ringed nails.

Cut the Cowl Sides (Fig. 6C) from 1 x 6 stock and attach these to the coamings. Then cut and notch the steering wheel mounting board and attach it to the seat support and frame #1A, supporting it with plywood struts as in Fig. 6K. After attaching the stringer to support the cowl, make a paper

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