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Borden's Products for the Home Handyman

ALL-PURPOSE KNOCKABOUT

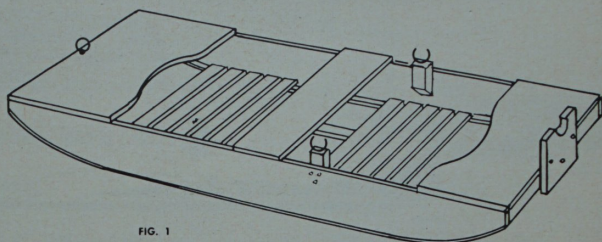
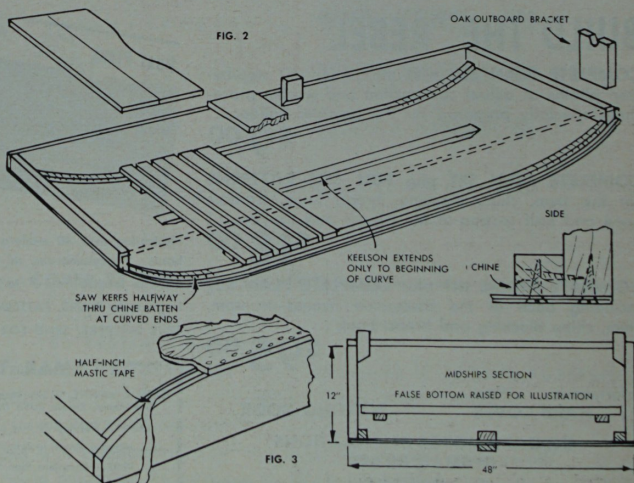
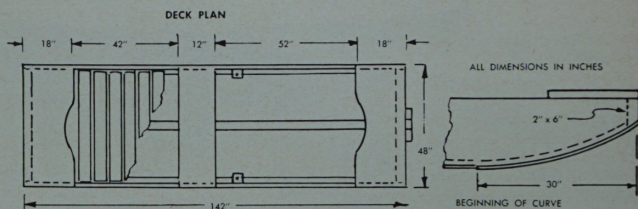


FIG. 1



THIS BOAT HAS HALF AGAIN the load capacity of a conventional 12' skiff and is designed for the simplest construction with ordinary hand tools. All materials are avail-

able at any lumberyard; the mastic tape and marine glue at a boatyard. Total material cost on the West Coast is under \$65. General over-all dimensions are given in Fig. 1.

No-nonsense, workaday skiff will support three children, one adult. Takes only 11 hours to build

BY HI SIBLEY

First make the sides of 1" x 12" pine beginning the curves 30" from the end (Fig. 2). The chine battens are of the same stock with saw kerfs halfway through and about 1/2" apart on the ends to facilitate bending. Soaking in water overnight will also help. Screw them to the bottom edge of side members with 1 1/4" No. 8 flathead screws. Incidentally, all hardware should be brass or galvanized, especially for tidewater use, and marine glue should be applied to all contacting surfaces.

Now join the sides to the 2" x 6" end members and turn upside down on a flat surface. Plane edges so that the chines are flush with the sides. Check with a 5' straightedge. Apply marine glue, then place 1/2" strip of mastic tape over the joint. Next lay on the 1/4" x 48" x 144" panel of marine plywood, nailing it temporarily along the central portion. Drill holes for 3/4" No. 6 screws, staggered to straddle the mastic tape, 1" apart. Begin screwing along the center alternately toward the ends and lastly to the crossmembers on which mastic tape has been laid. Keelson and keel are 1 3/16" x 1 3/4" pine and are screwed together through the plywood bottom. Both extend only to the beginning of the curve. End seats are in two pieces and are white pine, as is also the midships seat. Oarlocks are of 2" x 3" material located to suit user. They are secured with carriage bolts, as is the oak outboard bracket. The latter is of 1 1/8" stock, dimensioned to receive your motor. For sculling, cut a notch as shown.

Make the false bottom in two sections for lifting out, using 3/4" x 2 1/2" boards spaced 1/2" apart, and with cleats as illustrated. They are supported by chines and keelson, most of the load being carried at the ends. See section in Fig. 3.

Give two coats of marine paint inside and out, working it well into the edges of the plywood bottom. Install a 2" ringbolt in the bow and your knockabout is complete.

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32 ft. Deck House Cabin Cruiser



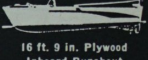
28 ft. 10 in. Cabin Cruiser



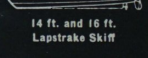
22 ft. Inboard Aluminum Cabin Cruiser



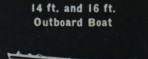
16 ft. Plywood Outboard Cruiser



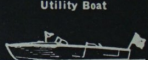
16 ft. 9 in. Plywood Inboard Runabout



14 ft. and 16 ft. Lapstrake Skiff



14 ft. and 16 ft. Outboard Boat



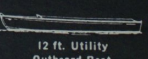
14 1/2 ft. Outboard Utility Boat



12 ft. 6 in. Plywood Outboard Runabout



28 ft. Auxiliary Cutter



12 ft. Utility Outboard Boat



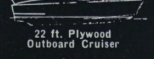
30 ft. Cabin Cruiser



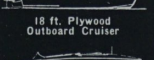
38 ft. Deck House Power Cruiser



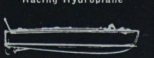
24 ft. Cabin Cruiser



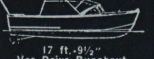
22 ft. Plywood Outboard Cruiser



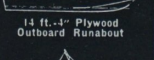
16 ft. Plywood Outboard Cruiser



2-Passenger Racing Hydroplane



20 ft. Fast Runabout



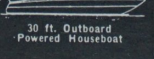
17 ft. -9 1/2" Vee Drive Runabout



14 ft. -4" Plywood Outboard Runabout



20 ft. Cruising Sloop



30 ft. Outboard Powered Houseboat