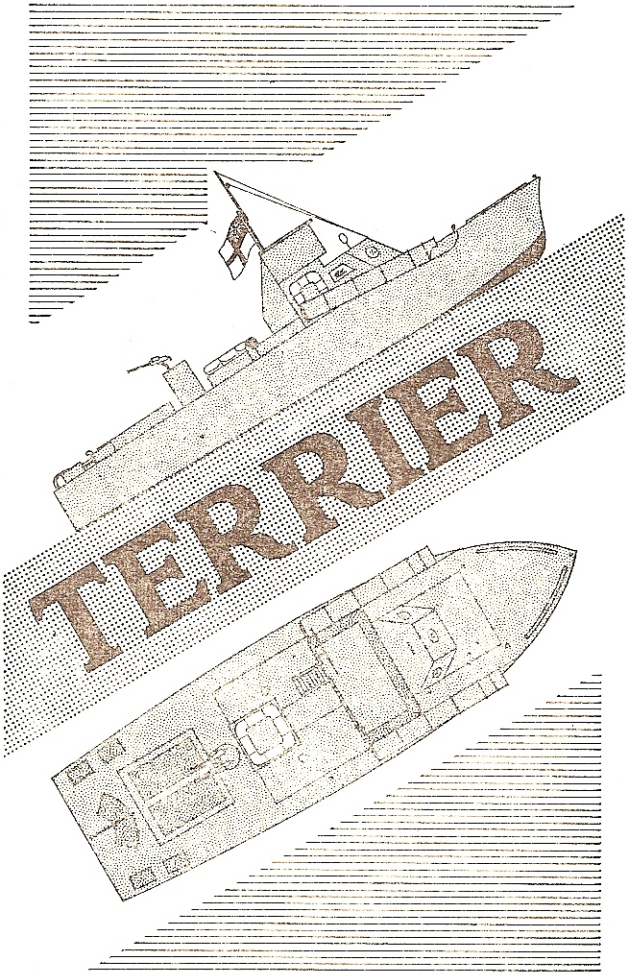
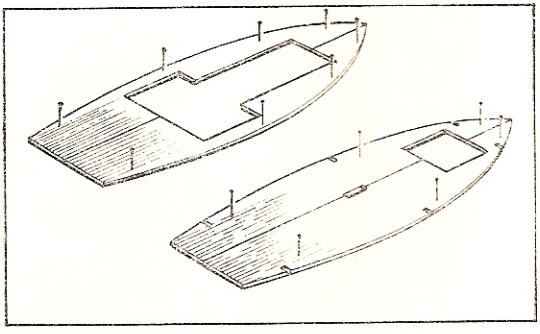
KEIL KRAFT



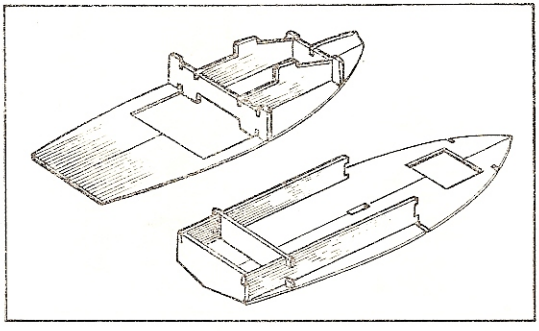
TERRIER

Motor Torpedo Boat

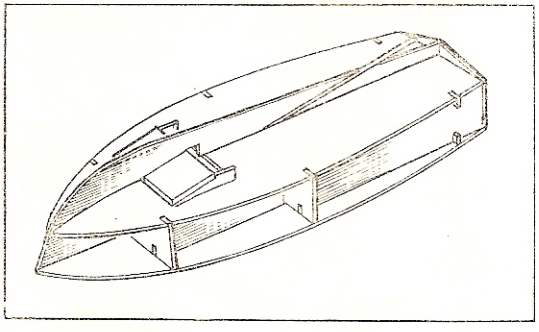
E KEIL & CO LTD WICKFORD ESSEX



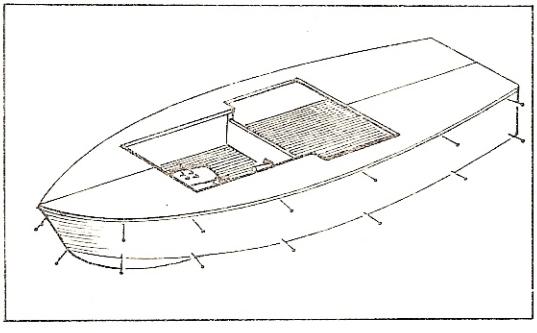
1 Join the two Deck Pieces and the two Hull Bases and pin to a flat surface to set.



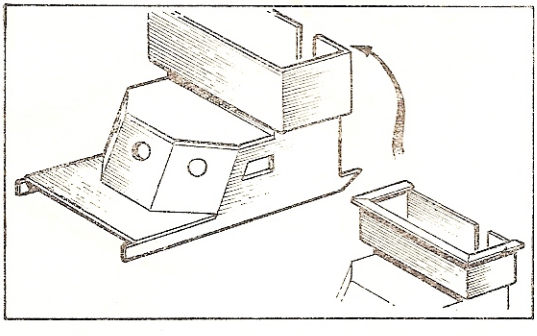
2 Cement the Bow Former, F.1, the Front Braces and F2 to the deck. The Rear Braces, F3 and the Transom are cemented to the Hull Base.



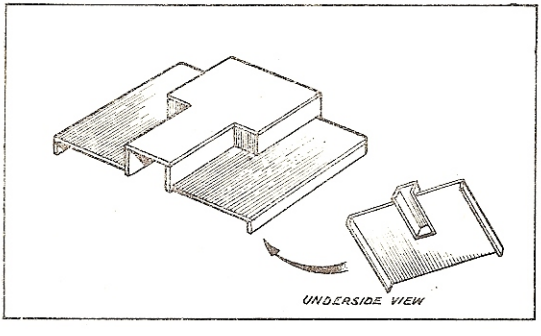
5 Glue Front and Rear Inner Keels in place, also the stern tube, taking care that it is lined up with the motor. There should be $\frac{1}{8}$" clearance between the prop. shaft and the motor shaft.



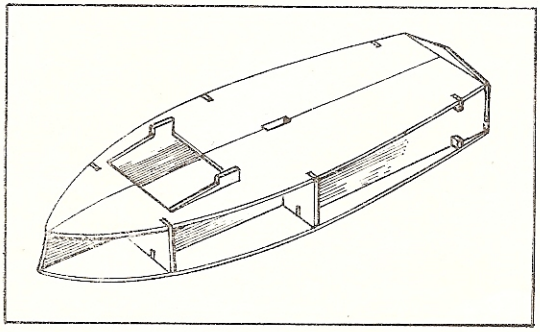
6 Cement one Side Skin in place, pinning as necessary. The skin will bend more easily if it is damped. When set, trim to an exact fit and similarly add the other Side Skin.



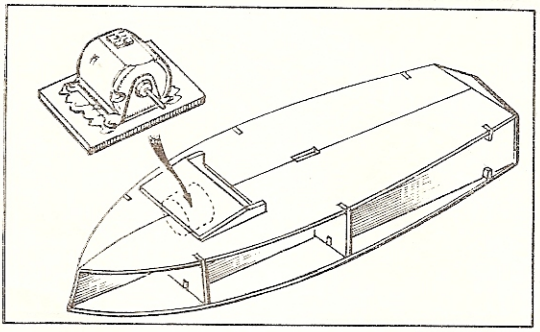
9 When set, remove from hull and build up the superstructure as shown, chamfering edges where necessary to give a neat fit. Edge the bridge with 3/16" x 1/16" strip as in small sketch.



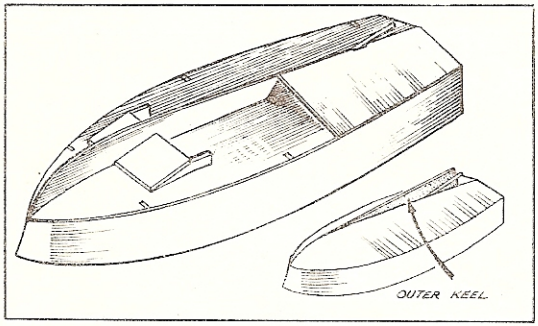
10 Fit the Trunking Sides into the recess in the S/S Rear Deck and build up the hatch and trunking with the Hatch Top and 3/16" x 1/16" strip. Note that the hatch overlaps the deck. Add strips of 3/16" x 1/16" to the edges of the deck.



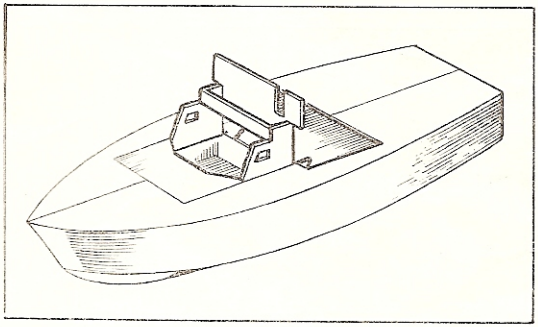
3 Join the two assemblies, curving the Hull Base to meet F1 and the Bow Former.



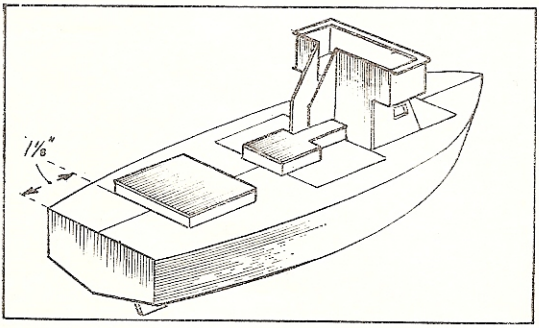
4 Cement the motor centrally to the Motor Mount and when set, cement the mount in position on the Front Braces.



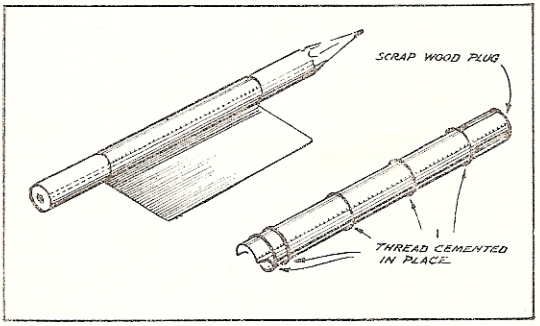
7 Cover the bottom of the hull with 1/16" sheet with the grain running crosswise. Trim to exact fit when set and add the Outer Keels.



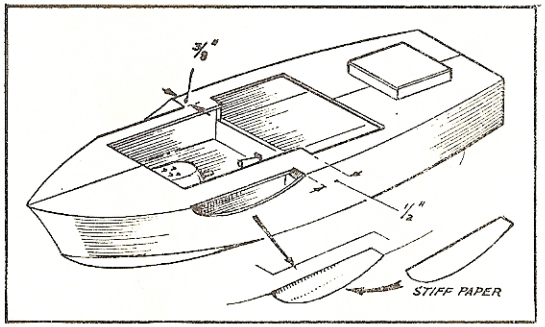
8 Place the Superstructure (S/S) Sides in position and cement the Bridge Rear and S/S Fill-in in place. Cement the Fore Deck Cover to the S/S Sides (not to the deck).



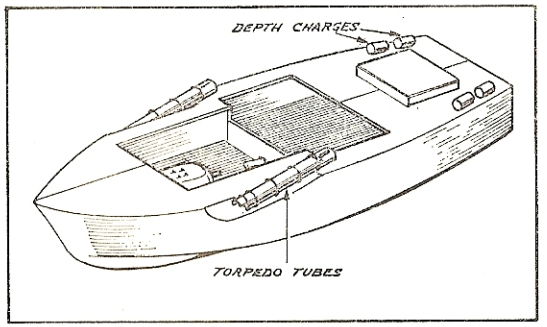
11 Join S/S and S/S Rear Deck assembly in the hull for accurate alignment and add the Stairway Sides and Stairway. Make the Rear Hatch by cementing a framing of 3/16" x 1/16" strip to the underside of the rear hatch cover and cement to deck where shown.



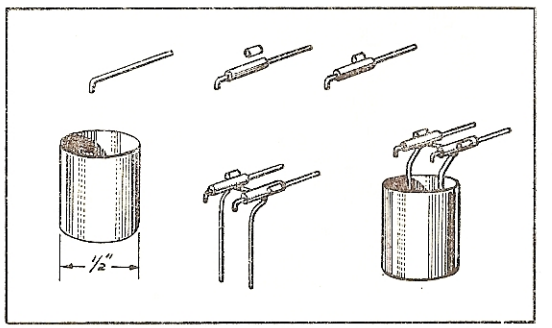
12 Make the torpedo tubes by wrapping a 3" wide x 2¼" long strip of notepaper round a pencil and cementing to form a tube. Remove from pencil and trim to 2¼" long. Cut front end to shape, plug back with scrap wood and complete as in drawing. Two tubes are needed.



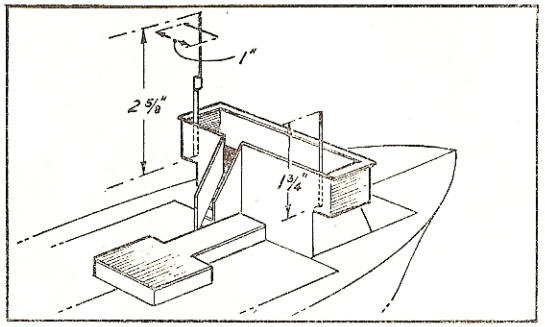
13 Form the torpedo tube troughs in the hull by cutting away the deck and side skins as shown and lining the cut out with stiff paper. Next tissue cover the entire hull, using Sanding Sealer or clear dope as adhesive.



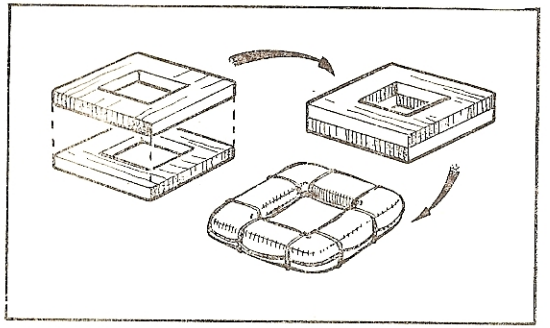
14 Cement torpedo tubes in position and make four depth charges 1/4" dia. x 7/16" long from scrap wood (dowel or pencil) and cement to deck where shown.



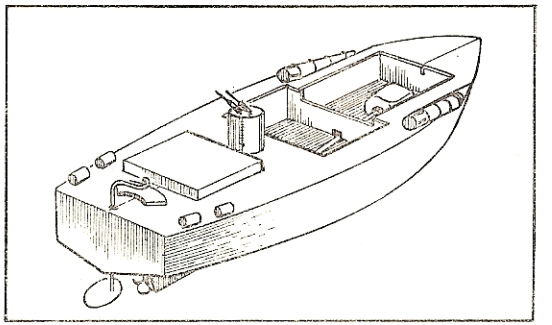
15 Make a paper tube ¾" long round a ½" dia. former. The guns and gun mounting are made from soft wire (pins or paper clips). Wrap with gummed paper to thicken where necessary, and if the top of the gun mount is similarly treated, the guns will cement in place firmly.



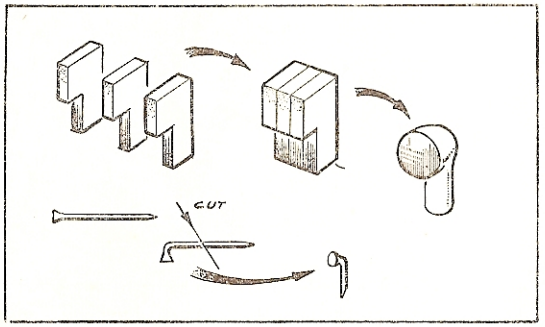
16 Make up the masts as shown from the ⅛" dia. dowel and cement securely in position.



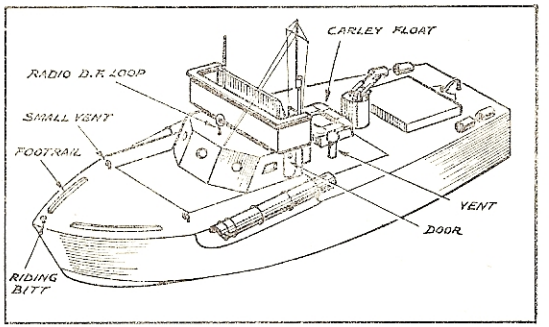
17 Cement together the pairs of pieces for the Life Rafts so that the grain runs in different directions. When set, round off all corners, paint orange-yellow and add thread lifelines.



18 Connect prop. shaft to motor with the plastic tube. Drill hull just in front of the transom and cement the rudder tube in place. Cement the Tiller Support to the deck where shown and bend over the end of the rudder post to bear on it.



19 Cement the six Vent. pieces together in threes and carve and sandpaper to the shape shown. Pins or panel pins are used to make the two small cowl vents.



20 Add small fittings as shown; the riding bitt is a pin and the footrails are cut from scrap pieces of 1/16" balsa. The large life raft is cemented to the centre hatch top and the small one on the starboard S/S Side just below the bridge. Cut a door from paper and cement to the port S/S Side where shown. The radio D/F loop is a pin or piece of thin wire.

FINAL DETAILS

The colour scheme of the model is quite simple—blue below the waterline and grey above; orange-yellow life rafts and small details such as guns, D/F loop etc. picked out in black. 00 gauge model railway figures may be used on this model and provide a realistic touch.

A 4½ volt flat battery is inserted under the rear deck and connected to the motor by means of paper clips attached to the motor leads. Adjust position of battery for correct 'sit' in the water.

We recommend Keilkraft or Britfix dopes, cements and enamels for this model.