

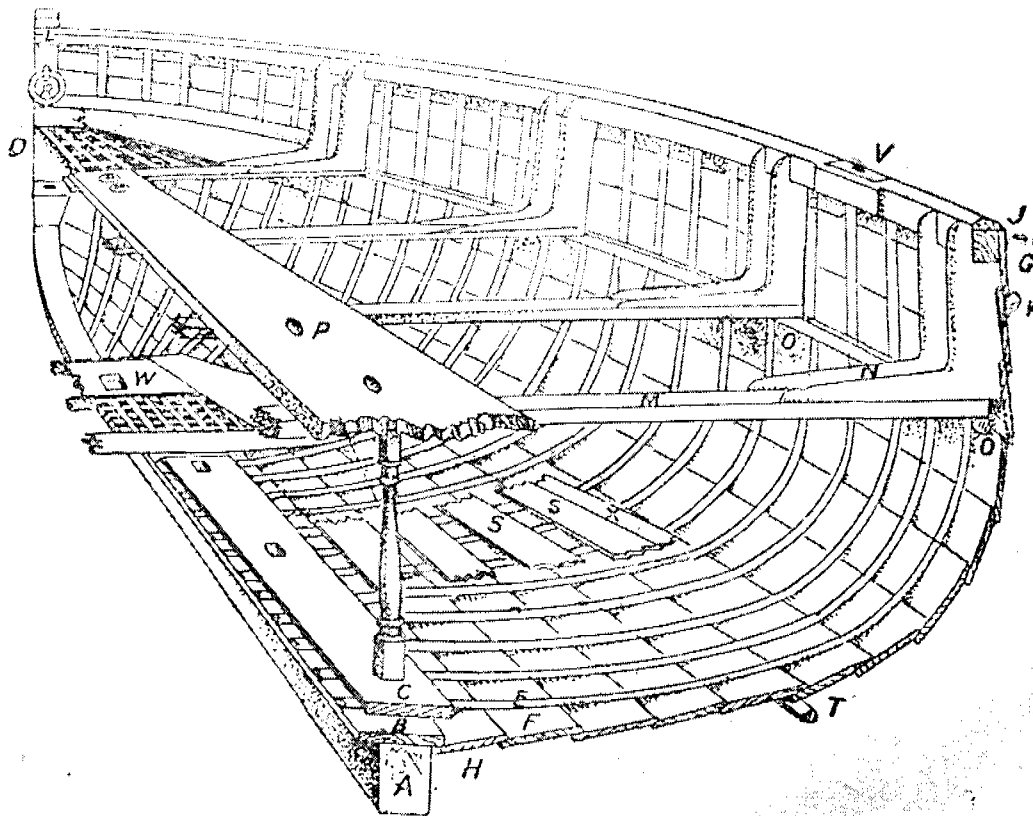
Naval Boat Construction

The building of a boat is generally determined by the method of working the planking or skin of the boat.

There are four methods, viz – Clinker (or Clencher), Carvel, Diagonal and Sewn.

Clinker-built boats. In these boats the planks run for and aft with the lower edge of one plank lapping over the upper edge of the next below, like the slates on the roof of a house. The smaller pulling boats in the Service are clinker-built.

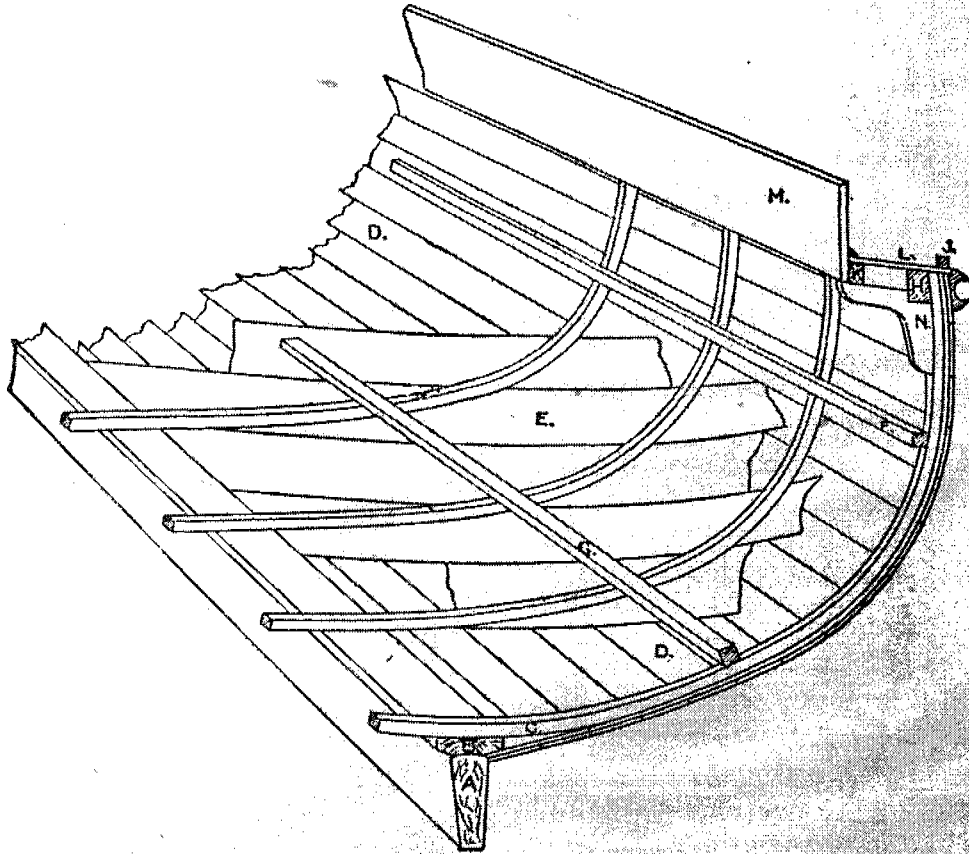
CLINKER-BUILT BOAT.



- | | |
|-----------------------------|-----------------------------------|
| A Keel. | M Thwart |
| B Hog. | N Knees. |
| C Keelson. | O Risings. |
| D Stem with Apron Pin. | P Sailing Thwart or Mast Carling. |
| E Timber or Floors. | Q Head Sheets. |
| F Planks. | R Ring Bolt. |
| G Top Strake. | S Bottom Boards. |
| H Garboard Strake. | T Bilge Rail with Handholes. |
| I Gunwale. | V Socket for Crutch. |
| J Capping. | W Fore Sheets. |
| K Rubber or Rubbing Strake. | X Stretcher Rail. |
| L Breast Hook. | |

Carvel-built boats. The inside thickness of planking is worked at an angle of 45 degrees to the keel, the upper ends lying aft; the outside thickness is worked for and aft. The edges of all planks are worked flush. This method is principally adopted in gigs and power boats.

CARVEL-BUILT BOAT.



- | | |
|-------------------|-------------------|
| A Keel. | H Gunwale. |
| B Hog. | J Footrail. |
| C Timber. | K Carling. |
| D Outer Skin | L Covering Board. |
| E Inner Skin | M Coaming. |
| F Rising. | N Hanging Knee. |
| G Bilge Stringer. | O Rubber. |
- } Bottom Planking.

27 FT. WHALER

