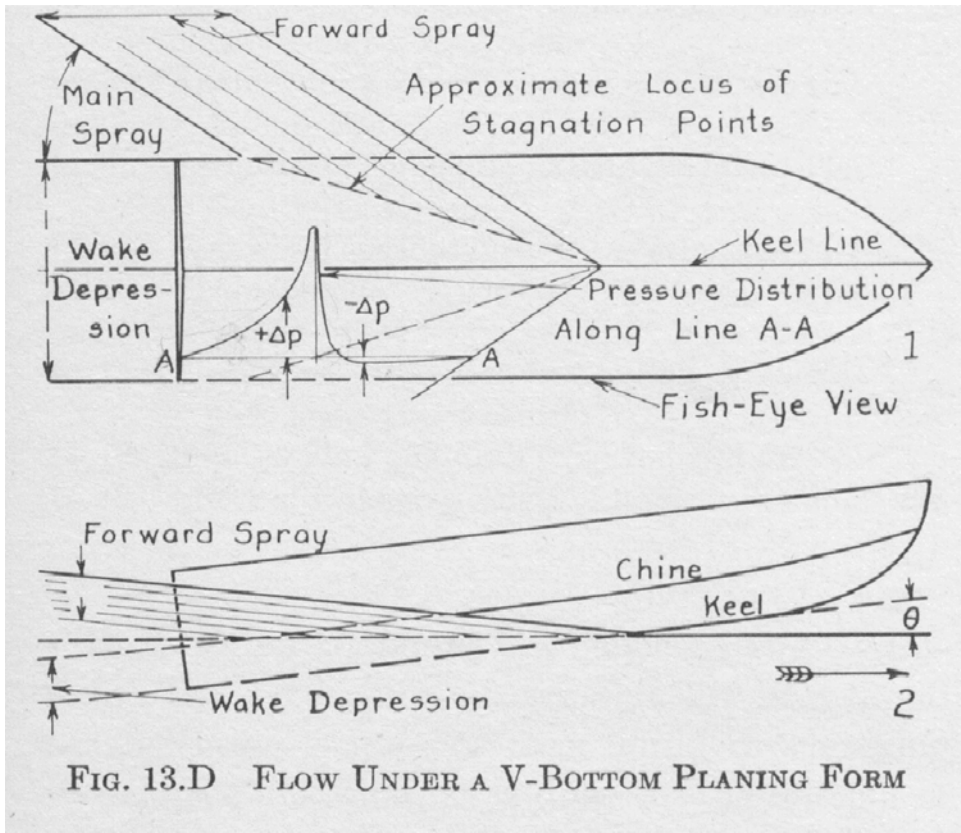


Conceptual Definition of the Term “Planing”



A planing hull causes the water to be pushed down and to the sides as the hull moves forward.

The downward motion of the water is observed by the wake depression behind the hull.

The pushing of the water sideways is observed by the spray produced to the sides of the hull.

This downward and sideways movement of water causes pressure to build under the hull.

Saunders, H.E. Hydrodynamics in Ship Design. Vol. 1. The Society of Naval Architects and Marine Engineers, New York, 1957.