

Vessel Design & Specification Guide

Maritime, Shipping & Ports

Document type: Plan / SOP / strategy / guide · Generated 14 Oct 2026

This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Helps develop a vessel or boat design specification — mission and cargo, dimensions and stability, class and rules, propulsion and outfit — for a newbuild or conversion. Use it to frame a design brief with naval architects.

Purpose of this tool & output

Specify and design a vessel or boat

How the output is used

Use it to specify and design a vessel or boat — a vessel design and specification guide balancing purpose, class and cost.

Important cautions

Vessel design must be developed and approved by qualified naval architects and the classification society to class and statutory rules; this is a briefing framework only. Engage a naval architect and class for the actual design.

Companion documents

- Shipbuilding / Shipyard Setup Guide
- Boat Building Business Guide
- Ship Repair Yard Business Guide
- Shipyard Operations SOP
- Classification & Survey Coordination Guide
- Shipyard Quality & HSE Guide

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.