

## Ship Construction

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Ship Construction, Eighth Edition offers guidance for ship design and shipbuilding from start to finish. Comprised of seven sections divided into 35 chapters, the book introduces the reader to ship construction, including the basic design of a ship, ship dimensions and categories, and the development of different vessel types. It then turns to a discussion of current directives governing ship strength and structural integrity, testing of materials used in ship construction, welding practices, and weld testing. Developments in the layout of a shipyard are also considered, along with the evolution of the initial structural and arrangement design into information usable by production. Furthermore, outfitting of a ship is discussed, particularly cargo-handling equipment. This comprehensive text proves to be an invaluable resource of advanced fundamentals not only for students of marine engineering or related subjects, but also for industry professionals, particularly those working in shipyards, supervising ship construction, conversion, and maintenance.

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