



Ebook Directory
the best source of ebook

The book was found

Ship Construction, Seventh Edition



Synopsis

Ship Construction, Seventh Edition, offers guidance for ship design and shipbuilding from start to finish. It provides an overview of current shipyard techniques, safety in shipyard practice, materials and strengths, welding and cutting, and ship structure, along with computer-aided design and manufacture, international regulations for ship types, new materials, and fabrication technologies. Comprised of seven sections divided into 32 chapters, the book introduces the reader to shipbuilding, including the basic design of a ship, ship dimensions and category, and development of ship types. It then turns to a discussion of rules and regulations governing ship strength and structural integrity, testing of materials used in ship construction, and welding practices and weld testing. Developments in the layout of a shipyard are also considered, along with development of the initial structural and arrangement design into information usable by production; the processes involved in the preparation and machining of a plate or section; and how a ship structure is assembled. A number of websites containing further information, drawings, and photographs, as well as regulations that apply to ships and their construction, are listed at the end of most chapters. This text is an invaluable resource for students of marine sciences and technology, practicing marine engineers and naval architects, and professionals from other disciplines ranging from law to insurance, accounting, and logistics. Covers the complete ship construction process including the development of ship types, materials and strengths, welding and cutting and ship structure, with numerous clear line diagrams included for ease of understanding. Includes the latest developments in technology and shipyard methods, including a new chapter on computer-aided design and manufacture. Essential for students and professionals, particularly those working in shipyards, supervising ship construction, conversion and maintenance.

Book Information

Paperback: 400 pages

Publisher: Butterworth-Heinemann; 7 edition (July 10, 2012)

Language: English

ISBN-10: 008097239X

ISBN-13: 978-0080972398

Product Dimensions: 6 x 0.9 x 9 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars 4 customer reviews

Best Sellers Rank: #96,488 in Books (See Top 100 in Books) #12 in [Books > Engineering &](#)

Transportation > Engineering > Marine Engineering #52 in [Books > Engineering & Transportation](#)
Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Manufacturing #67 in [Books > Engineering & Transportation](#) > Transportation > Ships

Customer Reviews

"Both now retired from teaching, Eyres and Bruce update their textbook (first published in 1971) from the 2007 edition. It introduces ship design and shipbuilding practice to advanced undergraduate students of marine sciences and technology. It can also be used as a study guide for the Extra Master examinations, and as background for students of shipbuilding itself."--Reference & Research Book News, December 2013

Professor George Bruce, has 30 years' industrial experience in shipbuilding, including more recent roles in facilities development, research and innovation. He has acted as a consultant to shipbuilders and marine companies across the world and contributed to committees, steering groups and associations across the industry. He currently teaches and conducts research at the Newcastle University School of Marine Science and Technology, Newcastle, UK. Former lecturer in Naval Architecture at Plymouth University, UK, and former Manager of Policy and Standards Development with the Maritime Safety Authority of New Zealand.

I was hoping that this book of Ship Construction would have graphics defining how the ship is put together with photos and drawings in today's construction methods. Unfortunately it does not fill the bill. The Society of Naval Architects and Marine Engineers' publication Design and Construction of Steel Merchant Ships is far better at illustrating the construction techniques from the mid 1950's. There have been updated versions subsequent to the book edited by David Arnott. There is also a better book put out by Reed's series on ship design which has line drawings to illustrate the construction techniques which has been updated over the years. I wish that Mr. Bruce's book did more illustrating of the bow structure, the stern framework, the double bottom tankers strength members, and the strength members and plating which are integrated to make the ship strong and seaworthy.

I am doing my masters and mates now and this book has been a valuable help for me in my study

It is not very detailed, it only covers the basics. It is probably good for those just getting started in

the marine world.

Very good!

[Download to continue reading...](#)

Ship Construction, Seventh Edition 2016 National Construction Estimator (National Construction Estimator) (National Construction Estimator (W/CD)) Construction Contract Dispute and Claim Handbook, Introduction, and Division 01: A Primer on the Nature of Construction Contract Disputes for Attorneys, ... (Construction Contract Dispute Handbook) It's Your Ship: Management Techniques from the Best Damn Ship in the Navy, 10th Anniversary Edition Ship Stability for Masters and Mates, Seventh Edition It's Your Ship: Management Techniques from the Best Damn Ship in the Navy Real Pirates: The Untold Story of the Whydah from Slave Ship to Pirate Ship Cruisin' for a Bruisin': A Cruise Ship Cozy Mystery (Cruise Ship Christian Cozy Mysteries Series Book 9) The Clipper Ship Sebastopol: New Zealand Immigration Ship 1861-1863 (Ancestral Journeys of New Zealand) Ship of Darkness: Chronicles of a Cruise Ship Crew Member (Book Three) The Ship of the Line (A History in Ship Models) The Seventh Day: The Seventh Day Duet RMS Titanic Manual 1909-12 (Olympic Class): An insight into the design, engineering, construction and history of the most famous passenger ship of all time (Owners' Workshop Manual) Ship Modeling Simplified: Tips and Techniques for Model Construction from Kits Carpentry & Building Construction Student Edition (CARPENTRY & BLDG CONSTRUCTION) DEWALT Construction Professional Reference Master Edition: Residential and Light Commercial Construction (DEWALT Series) Basic Construction Materials (8th Edition) (Pearson Construction Technology) Smith, Currie and Hancock's Common Sense Construction Law: A Practical Guide for the Construction Professional Construction Defect Claims: Handbook for Insurance, Risk Management, Construction/Design Professionals Construction Management JumpStart: The Best First Step Toward a Career in Construction Management

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)