

NEW TEXTBOOK



SHIP DESIGN AND CONSTRUCTION

The Society of Naval Architects and Marine Engineers announces the release of the third edition of its acclaimed text, Ship Design and Construction, edited by Thomas Lamb, Professor of Naval Architecture at the University of Michigan. The new two-volume edition is already acknowledged to be a worthy successor to the highly respected previous editions, and covers all practical aspects of design and construction of ships of all types. The material is all new and up to date, with 55 chapters by authors of international repute. Newcomers and those familiar with the previous editions alike will be pleased with the breadth and depth of the content. This book is far more than a textbook for students: it is a professional reference without parallel for designers, builders, owners, and operators that is virtually a whole professional library in two volumes.

The preliminary list of chapter headings appears below.

VOLUME 1

INTRODUCTION
THE MARINE ENVIRONMENT
THE MARINE INDUSTRY
SHIP ACQUISITION PROCESS
SHIP DESIGN PROCESS
ENGINEERING ECONOMICS
REQUIREMENTS DEFINITION
REGULATIONS AND CLASSIFICATION REQUIREMENTS
CONTRACTS AND SPECIFICATIONS
COST ESTIMATING
PARAMETRIC DESIGN
MASS PROPERTIES
COMPUTER-BASED TOOLS
DESIGN/PRODUCTION INTEGRATION
HUMAN FACTORS IN SHIP DESIGN
SAFETY
STRUCTURAL ARRANGEMENT AND COMPONENT DESIGN
ANALYSIS AND DESIGN OF SHIP STRUCTURE
RELIABILITY-BASED STRUCTURE DESIGN
HULL MATERIALS AND WELDING
COMPOSITES
BASIC ARRANGEMENT AND HULL OUTFIT
SHIP PRESERVATION
MACHINERY CONSIDERATIONS
THE SHIPBUILDING PROCESS
SHIPYARD LAYOUT AND EQUIPMENT

VOLUME 2

MULTIPURPOSE CARGO SHIPS
REEFER SHIPS
OIL TANKERS
PRODUCTION, STORAGE AND OFFLOADING VESSELS
CHEMICAL TANKERS
LIQUID GAS CARRIERS
BULK CARRIERS
CAR CARRIERS
RO-ROS
CONTAINER SHIPS
PASSENGER SHIPS
FERRIES
INLAND AND LAKE VESSELS
ICE CAPABLE SHIPS
FISHING VESSELS
OFFSHORE SUPPORT VESSELS
OFFSHORE DRILLING AND PRODUCTION PLATFORMS
HIGH SPEED CRAFT
CATAMARANS
MULTI-HULL CRAFT
WING-IN-GROUND EFFECT CRAFT
TUGS AND TOWBOATS
SERVICE SHIPS
DREDGERS
HEAVY LIFT SHIPS
FOREST PRODUCT CARRIERS
OCEANOGRAPHIC SHIPS
NAVAL SURFACE VESSELS
NAVAL SUBMARINES

Orders are being taken now for the two-volume set, with the first volume expected to be available in September. For orders placed through September 1, 2003, the two-volume set is priced at \$200 list, \$160 for members, plus shipping; for orders placed after September 1, the list price for the two-volume set will be \$260, and the members' price, \$200, plus shipping. The student price is \$150 for the two-volume set, plus shipping. Order on-line at http://www.sname.org/publications_sale.htm or contact Claudio Pujols at cpujols@sname.org.