



## “INTRODUCTION TO PRACTICAL MARINE ENGINEERING”

The Society of Naval Architects and Marine Engineers announces the publication of a new introductory textbook for students of marine engineering. This is a book intended for use in the classroom and on the floor plates. The book is published in two volumes, with approximately 170 pages of text in the first volume, and some 280 pages of illustrations and tables in the second volume. This format was selected to allow students to examine the illustrations while reading the text. *This edition supersedes the pre-publication edition of 2002 that was rushed to print to meet immediate demand.*

Chapter headings are listed below.

1. INTRODUCTION TO THE MARINE POWER PLANT
2. STEAM PLANT OVERVIEW
3. BOILERS: BASIC FEATURES
4. BOILERS: HEAT RECOVERY EQUIPMENT
5. BOILERS: ACCESSORIES
6. BOILER OPERATIONS
7. STEAM TURBINES: BASIC PRINCIPLES
8. STEAM TURBINES: EXAMPLES AND FEATURES
9. STEAM TURBINES: DETAILS
10. STEAM TURBINE OPERATIONS
11. DIESEL ENGINES: BASIC PRINCIPLES
12. DIESEL ENGINES FOUR-STROKE CYCLE ENGINES
13. DIESEL ENGINES: TYPES, CONFIGURATIONS, FUELS AND FEATURES
14. DIESEL ENGINES: COMPONENTS
15. DIESEL PLANT ARRANGEMENTS AND OPERATIONS
16. PROPULSION POWER TRANSMISSION
17. SHAFTING, BEARINGS, AND PROPELLERS
18. GAS TURBINE PLANTS
19. NUCLEAR PROPULSION
20. PUMPS
21. PIPING COMPONENTS
22. POWER PLANT AUXILIARIES
23. PIPING SYSTEMS
24. ELECTRIC SYSTEMS
25. REFRIGERATION SYSTEMS
26. HEATING, VENTINATION AND AIR CONDITIONING
27. HULL MACHINERY
28. SHIPBOARD SAFETY EQUIPMENT AND SYSTEMS
29. SHIPBOARD PROCEDURES

**TAKING ORDERS NOW FOR MAY AVAILABILITY**

List Price

\$139 List   \$98 Member   \$75 Student