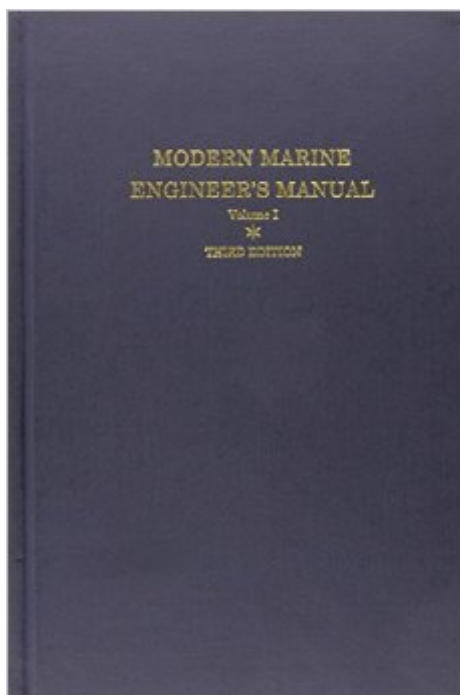


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Modern Marine Engineer's Manual, Vol. 1



Synopsis

This book is designed to serve as a textbook for students and a reference for today's engineering officers, port engineers, superintendent engineers, and other maritime professionals. Steam turbine propulsion systems are included, but the coverage has been reduced in recognition of the popularity of main propulsion diesel engines, covered in volume 2, and the anticipated increasing applications of aeroderivative gas turbines. Reciprocating steam engines have been eliminated. Pumps, pumping systems, and heat exchangers are given extensive coverage. Computer applications for machinery and system management are presented, including an entire chapter on maintenance management. Relevant material on international and national laws, classification society requirements, and standards, such as ISO 9000 series and the ISM code, are included in the text. The characteristics of fuels are presented along with a discussion of fuel testing and analysis, and a section on bunkering. A chapter on safety and management discusses shipboard engineering operations, shipyard repair planning and economics, and safety management. Each chapter includes review questions and references for additional study.

Book Information

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Customer Reviews

As usual, Cornell Maritime Press has produced another superb writing. All chapters are extremely detailed, well written and easily understandable. As I've stated in other book reviews I have all of Cornell Maritime Press's engineering books. This book is another writing that all Engine Department mariners must have.

Very Good book for engineers in the marine engineering field. The pictures are detailed and informative and the text is easy to read and split into easy to read chapters. The only issue I had was with the binding. The binding is coming loose in the top, but other than that a good read.

A comprehensive and detailed engineering book for any marine engineer. I use it particularly for main propulsion and steam but have found this book useful and applicable for several ships I have ridden. Highly recommend!

A handy Marine Engineering manual covering briefly all aspects. It is an all in one book that is useful as a reference for experienced engineers but can be used by starters as well. You won't regret buying it.

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