

## Library Research Guides: Maritime History of Marine Engineering

Marine engineering is defined as "...marine propulsion machinery and auxiliaries... the invention, design, building, installation, operation, and repair of marine engines...". in Rene de Kerchove's International Maritime Dictionary, published by Van Nostrand Reinhold in 1961. A Marine Engineer is "...a sea-going engineer, who must be a mechanic as well as an executive officer..." (see de Kerchove, p. 490). Manuals, giving questions and answers for examinations, as well as technical handbooks and guides, contained a complete resource for the engineer, and were published for the technologies of steam, diesel and oil in the 20<sup>th</sup> century. Thus the handbooks in the Research Library Collection date from before World War I to after the Vietnam War, with most of these published for the sailor or marine engineer between the World Wars.

Titles shown do not reflect the entire collection: if you do not see what you are looking for, please call the Library at 310-548-7618 x 215.

### **Reference Works: Marine Engines**

A pocket book of marine engineering rules and tables. / A.E. Seaton and H.M. Rounthwaite, 1912.

American machinists' handbook and dictionary of shop terms a reference book for machine-shop and drawing-room data, methods and definitions. / by Fred H. Colvin ... and Frank A. Stanley ..., 1940.

Annotated acronyms and abbreviations of marine science related international organizations. / Compiled by Jeannette P. North; Revised by Charlotte M. Ashby, 1976.

Audels new marine engineers guide, a practical treatise on marine engines, boilers and auxiliary machinery, including theory and practice of the steam turbine... also U.S. government rules and regulations regarding engineers' licenses. / by Theo. Lucas, M.E., Frank D. Graham, N. Hawkins, M.E., 1928; 1940.

Dictionary of marine engineering and nautical terms. / by G.O. Watson, 1964.

Machinery's handbook for machine shop and drafting-room; a reference book on machine design and shop practice for the mechanical engineer, draftsman, toolmaker, and machinist./ by Erik Oberg and F.D. Jones, 1939.

Seaton & Rounthwaite's pocket book of marine engineering rules and tables; for the use of marine engineering, naval architects, designers, superintendents, and all engaged in the design and construction of marine machinery, naval and mercantile. / Albert Seaton, 1948.

### **Handbooks and Guides**

Marine engine and fire room guide./ by Robert H. Jacobs and E. L. Cady, 1944.

Marine engineer's handbook prepared by a staff of specialists. / Frank Ward Sterling, ed., 1920.

Modern marine engineer's manual Vol. 1 & 2 / [edited by] Alan Osbourne, 1943.

Naval engineer's guide. /by James V. Jolliff and Hollis E. Robertson, 1972.

Practical marine engineering. / by Reno King, 1956.

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### **Handbooks and Guides, continued:**

"Verbal" notes and sketches for marine engineer officers; a manual of marine steam engineering practice... Volume 1 & 2. / by J.W. M. Sothern,

### **Handbooks for Examinations:**

20th Century Guide for Marine Engineers, Questions and Answers, Reciprocating Engines, Boilers, Turbines, Gas Engines, Diesel Engines. / by J. A. Ramsey, and J. Rosbloom, 1920.

Engineers' practical test illustrated : a guide for all men employed in and about power plants; practical information on the care and management of engines, boilers, their accessory machinery; gas engines, dynamos. / by Laird & Lee, 1898.

Cornell red book of marine engineering; questions and answers. / by William B. Paterson, 1971.

Marine engine room blue book : based on the original edition by William B. Paterson. / by William D. Eglinton, 1993.

Questions and answers for engineers and fireman's examinations. / by Frank D. Graham and Kenneth L. Schank, 1979.

Questions and answers for marine engineers. / by Theodore Lucas, 1903.

### **Surveys**

A history of the Los Angeles District, U.S. Army Corps of Engineers, 1898-1965. / by Anthony F. Turhollow, 1965.

Comprehensive condition survey for San Pedro Breakwater Los Angeles Harbor Los Angeles County, CA. / U.S. Army Corps of Engineers, 1996.

Port of Los Angeles channel deepening project: draft supplemental impact statement supplemental environmental impact report / U.S. Army Corps of Engineers, 2000.

Professional memoirs : Corps of Engineers, United States Army and Engineer Department at large. Los Angeles Harbor. / by Amos A. Fries, facsimile copy of 1912 edition.

San Pedro Waterfront Project Notice of Preparation Notice of intent December 2006. / Prepared by Environmental Management Division of the Los Angeles Harbor Department and U.S. Army Corps of Engineers, Los Angeles District, 2006.

### **History**

Building the Navy's bases in World War II; history of the Bureau of Yards and Docks and the Civil Engineer Corps, 1940-1946.

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### **History, continued**

Marine engineering. Written by a group of authorities. Editor: Roy L. Harrington, 1971.

Men, ships, and the sea; the story of the Society of Naval Architects and Marine Engineers, by Donald A. Holden, 1968.

Naval engineering and American seapower / editor, Randolph W. King ; associate editor, Prescott Palmer ; with fifteen contributors, 1989.

The steam navy of the United States. / Frank M. Bennett, 1896

### **Shipbuilding and Stability**

Historical transactions, 1893-1943. / The Society of Naval Architects and Marine Engineers, 1945.

The naval constructor: a vade mecum of ship design for students, naval architects, shipbuilders and owners, marine superintendents, engineers and draughtsmen. / by George Simpson ... 1918.

Practical Marine Diesel Engineering. / by Louis R. Ford, 1931.

Ship stability and trim made easy including the construction and use of tipping scale and slip table, etc. / by Oswald Watts, 1926.

Shipbuilding and marine engineering in Japan 1961. / by Japan Ship Exporters' Association, 1961; 1966; 1968.

The stability of ships with special reference to the particulars which should be supplied by the shipbuilders and the value of mechanical devices for attaining metacentric height. / by George Johnson, 1932.

Transactions - The Society of Naval Architects and Marine Engineers. 1927; 1941 to 1994