

Library Guides for Books and Journals

Shipbuilding

Shipbuilding is defined as the construction of ships; its resources are both technical and concerned with the business and location of navies, commerce, and pleasure. Naval architecture is also technical in nature but is concerned mostly with the design and planning of vessels, and it is covered in a separate research guide. The books and journals for research in the topic of shipbuilding are shown by type of book or sub-topic and are only partially represented here. Research in shipping, histories of sailing ships, biographies, encyclopedias and books written for the study of naval architecture and marine engineering will provide a broader view of the literature of shipbuilding. For more book titles, please call the Library at 310-458-7618, ext. 215.

Biography

The H. W. McCurdy marine history of the Pacific Northwest. / edited by E.W. Wright and Gordon R. Newell, 1966.

Directories

Lloyd's Register of Shipping / Lloyd's Register of Shipping, 1926 – 2001 (some years missing).

Merchant Vessels of the United States. / United States Bureau of Customs, 1873-1980 (some years missing).

Record of American and Foreign Shipping. / American Bureau of Shipping, 1924; 1945 – 1993 (some issues missing). Ships registered by name.

Encyclopedias

Shipbuilding cyclopedia : a reference book covering definitions of shipbuilding terms, basic design, planning and estimating, ships rigging and cargo handling gear... and a composite catalog of marine equipment. / F.B. Webster, editor, 1920.

Handbooks

Handbook of ship calculations, construction and operation; a reference book for naval architects, marine engineers, ship and engine draftsmen, deck officers, and others engaged in the building and operating of ships. / by Charles H. Hughes ..., 1942.

Modern shipfitter's handbook. / by W. E. Swanson, 1940.

Shipfitter's manual. / by Albert F. Crivelli, 1941.

Histories, see Shipbuilding by location, below

Journals

American ship review. / Navigator Publishing, LLC.

Marine Engineer & Naval Architect. / Whitehall Technical Press Limited. Library has volumes 88, 89, 90 and 91 (1965, 1966, 1967, 1968) some issues missing.

The Mariner; the quarterly journal of the Ship model society of Rhode Island—the Ship Model Society, New York. Library has 1927, 1930 and 1933.

Registers: see Directories, above.

Shipbuilding in the Maritime Research Library

Ancient ships

Ancient ships. / by Cecil Torr, 1964.

War at sea : the ancient fleets. The story of naval warfare under oars, 2600 B.C. – 1597 A.D. / by John Van Duyn Southworth, 1963.

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California Shipbuilding Corporation (firm). Liberty ships.

Calship 1941 - 1945.

Calship log, September 27, 1945

Clipper ships

The clipper ship era: an epitome of famous American and British clipper ships, their owners, builders, commanders, and crews. / By Arthur H. Clark, 1912, c1910.

Continental Navy shipbuilding in the United States

Building early American warships : the journal of the Rhode Island committee for constructing the Continental frigates Providence & Warren, 1775-1777. / introduction, illustrations & plans by John Fitzhugh Millar, 1998.

Confederate shipbuilding in the United States

Confederate shipbuilding. / [by] William N. Still, Jr., 1987.

Frigates: see Shipbuilding in Great Britain.

The Blackwall frigates. / by Basil Lubbock, 1950, c1924.

Histories of shipbuilding: see Shipbuilding by location, below

Iron and steel ships

Audels shipfitter's handy book; a practical treatise on steel ship building and repairing for loftsmen, welders, riveters, anglesmiths, flange turners and all ship mechanics; with illustrations showing current practice. / by Ralph Newstead, 1940.

From slip to sea; a chronological account of the construction of merchant ships from the laying of the keel plate to the trial trip, with over 154 sketches with illustrations, by A. C. Hardy... , 1935.

Introduction to steel shipbuilding, by Elijah Baker III ... , 1943.

Practical principles of naval architecture. / By S.S. Rabl, 1942.

Practical shell developing for steel shipbuilders; a manual for loftsmen, shipfitters, hull draftsmen and others who deal with steel ship construction. / by Adam F. Tulin, 1938.

Shipfitting practice (a manual of instruction for pre-employment and supplementary training). Prepared by the commonwealth of Pennsylvania, Department of public instruction, Division of industrial education, and the Sun shipbuilding and dry dock company, Chester, Pennsylvania in cooperation with United States Office of education, Federal security agency, and School district, city of Chester, Chester, Pennsylvania, 1941.

Ship repair and alteration / by George V. Haliday and W. E. Swanson, 1942.

Shipyard welding workmanship, ship construction manual no. 1., 1945.

Unit course of study for the training of shipwrights. Prepared by Vocational training for war production workers, Bureau of trade and industrial education of the California state Department of education, 1943.

Landing Ship Tug (LST)

A pictorial history of the Evansville shipyard, January, 1942, to December, 1944 ... / The Missouri Valley Bridge & Iron Co., 1944.

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Machinists

A suggested unit course, shipyard outside machinist (for beginning and advanced instruction). / Prepared by the Commonwealth of Pennsylvania, Department of Public Instruction ... , 1942.

Marinship Corporation during World War, 1939-1945

Marinship; the history of a wartime shipyard, told by some of the people who helped build the ships, 1947.

McKay, Donald, 1810-1880 see Biography

Marine engineering

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.

Merchant ships, structural welding: see Standards

Monitor (Ironclad)

Monitor builders : a historical study of the principal firms and individuals involved in the construction of USS Monitor / by William N. Still, Jr. ; prepared for United States Department of Commerce, National Oceanic and Atmospheric Administration, Marine and Estuarine Management Division, 1988.

Shipbuilding

Cabrillo's ships : being three monographs on Juan Rodríguez Cabrillo, his ships, shipbuilding, and ship types on the west coast of Spanish America in the 16th century. / [by] C.A. Stern, 1992.

Confederate shipbuilding. / [by] William N. Still, Jr., 1987

Deep-water sail. / by 1963, c1952.

Measurement of vessels: regulations relating to admeasurements of vessels, together with relevant laws of the United States, the Suez Canal regulations, and the Panama Rules; Part 2 of the Customs Regulations, 1966.

Modern shipbuilding terms defined and illustrated. / by Fred Forrest Pease, 1918.

Modern ships; elements of their design, construction, and operation. / by John H. La Dage. Original illus. by Frank X. Schuler, 1965, c1953.

The merchant's & shipmaster's manual and shipbuilder's and sailmaker's assistant. / by Issac Ridler Butts, 1864. Practical ship production, by A. W. Carmichael, 1941, c1919.

A practical course in wooden boat and ship building; the fundamental principles and practical methods described in detail, especially written for carpenters and other woodworkers who desire to engage in boat or ship building, and as a text-book for schools. / By Richard M. Van Gaasbeek, 1918.

Practical shipbuilding; a treatise on the structural design and building of modern steel vessels; the work of construction, from the making of the raw material to the equipped vessel, including subsequent up-keep and repairs. / by A. Campbell Holms ... , 1904.

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Shipbuilding continued

Ship economics, practical aids for shipmasters in repair, maintenance, surveys and construction, including a glossary of technical terms. / by H. Owen, 1924, c1918.

Ship erection (a manual of instruction for pre-employment and supplementary training) ..., 1942.

Shipbuilding cyclopedia : a reference book covering definitions of shipbuilding terms, basic design, planning and estimating, ships rigging and cargo handling gear... and a composite catalog of marine equipment. / by F.B. Webster, editor, 1920.

Shipbuilding in iron and steel. / by E. J. Reed, 1865.

The shipbuilders' blue book ... / by Walter Kay Crawford, ed. by E.R. Glass, 1918.

The shipbuilders blue book. This is the second and revised edition ... by the late Walter Kay Crawford. Edited by E. R. Glass ..., 1940.

The shipwright's trade. / by Sir Westcott Abell, 1962, c1948

Ships and science : the birth of naval architecture in the scientific revolution, 1600-1800. / Larrie D. Ferreiro, 2007.

Wooden boat and ship building; the fundamental principles and practical methods described in detail, especially written for carpenters and other woodworkers who desire to engage in boat or ship building, and as a text-book for schools. / By Richard M. Van Gaasbeek, 1941.

Shipbuilding by location

California

Yachts of Southern California 1881-1931. / Craig Shipbuilding Company, 1931.

The history of yachting in Southern California. / Cass and Johansing Insurance Brokers, 1957.

Canada

Sails of the maritimes; the story of the three- and four-masted cargo schooners of Atlantic Canada, 1859-1929./[by] John P. Parker, 1969, c1960.

British standard ships of World War I. / by W.H. Mitchell and L.A. Sawyer; drawings by John S. Lindsay, 1966.

Wooden ships and iron men; the story of the square-rigged merchant marine of British North America, the ships, their builders and owners and the men who sailed them. By Frederick William Wallace ... illustrated by photographs and drawings, 1924.

Connecticut

"Mystic built" : ships and shipyards of the Mystic River, Connecticut, 1784-1919. / by William N. Peterson, 1989.

Egypt

Ships of the Pharaohs; 4000 years of Egyptian shipbuilding. Drawings by the author. / [by] Bjorn Lanstrom, 1970.

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England, Great Britain

Shipbuilders of the Thames and Medway. / by Philip Banbury, 1971.

Italy

Venetian ships and shipbuilders of the Renaissance / Frederic Chapin Lane, 1979, c1934.

Japan

Rules for the construction and classification of ships. / Nippon Kaiji Kyokai, 1979.

Shipbuilding and marine engineering in Japan 1961. / The shipbuilder's Association of Japan, 1961.

Maine

The maritime history of Maine, three centuries of shipbuilding & seafaring. / by William Hutchinson Rowe, 1948.

Massachusetts

History of shipbuilding on North River, Plymouth County, Massachusetts, with genealogies of the shipbuilders, and accounts of the industries upon its tributaries, 1640 to 1872. / by L. Vernon Briggs, 1970.

New York

South Street; a maritime history of New York. / by Richard C. McKay, 1959.

Shipbuilding and the nascent community of Greenpoint, New York, 1850-1855. Offprint from *The Northern Mariner Le Marin du Nord*. / by Henry Silka, 2007.

Pennsylvania

Shipbuilding at Cramp & Sons : a history and guide to collections of the William Cramp & Sons Ship and Engine Building Company (1830-1927) and the Cramp Shipbuilding Company (1941-46) of Philadelphia. / by Gail E. Farr and Brett F. Bostwick ; with the assistance of Merville Willis, 1991.

Pacific coast of North America

Western shipbuilders in World War II, a detailed review of wartime activities of leading maritime and navy contractors. / edited by Marshall Maislin, 1945.

Scotland

Down to the sea; the romance of the Clyde, its ships and shipbuilders. / by George Blake, 1937.

Clyde shipbuilding from old photographs. / Introduction and commentaries by John R. Hume and Michael S. Moss, 1975.

Sweden

Eriksberg 1853-1953 a century of progress, 1953.

Virginia

The good ships of Newport News : an informal account of ships, shipping, and shipbuilding in the Lower Chesapeake Bay region, together with the story of the last terrible voyage of the Yarmouth Castle. / by Alexander Crosby Brown, 1976.

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United States

Industrializing American shipbuilding : the transformation of ship design and construction, 1820-1920 / William H. Thiesen ; foreword by James C. Bradford and Gene A. Smith, 2006.

The shipbuilding business in the United States of America; written by a group of authorities. / edited by F.G. Fassett, 1948.

U.S. shipping and shipbuilding : trends and policy choices. / by Peter G. Tarpgaard, 1984.

Shipbuilding history in juvenile literature

Oars, sails, and steam; a picture book of ships, written and illustrated by Edwin Tunis, 1952.

Shipbuilding yearbooks

International shipping and shipbuilding directory incorporating Shipping World Yearbook and the British Shipbuilding compendium, 1966.

Ship models

The colonial schooner, 1763-1775 / Harold M. Hahn, 1981.

Model ships in ancient Egypt. Schiffsmodelle im alten Aegypten./ by Arvid Geotlicher, 1971.

Ships, shipbuilding and shipping

The book of the ship; an exhaustive pictorial and factual survey of world ships, shipping, and shipbuilding. / by A.C. Hardy, 1949.

Shipyards

Every kind of shipwork : a history of Todd Shipyards Corporation, 1916-1981 / by C. Bradford Mitchell, 1981.

Frame up! The story of Essex, its shipyards and its people. / by Dana Story, 1964.

Haviside Company Catalog. / Haviside Ship Chandlers Sail Makers Ship Riggers, 1914.

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

The Shipping Business in the United States of America. 2 volumes. / Written by a Group of Authorities; F.G. Fassett, Editor, 1948.

Stability of ships, engineering in shipbuilding

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.

Fundamentals of construction and stability of naval ships. / Thomas C. Gillmer, 1969.

Standards in the United States

Final report of a Board of Investigation to inquire into the design and methods of construction of welded steel merchant vessels 15 July 1946. / Secretary of the Navy, 1947.

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Standards in the United States continued

Rules for building and classing steel vessels. / by the American Bureau of Shipping. Library has volumes from the period 1942-1982.

Rules for building and classing steel vessels for service on rivers and intra-coastal waterways. / by the American Bureau of Shipping, 1980.

Rules for building and classing steel vessels under 61 meters (200 feet) in Length. / by the American Bureau of Shipping, 1973.

Rules for the construction of steel ships; British units / det Norske Veritas, 1953.

Steamboats

Memoir on steamboats of the United States of America, printed by the Royal Press, Paris, 1824; translated by Sidney Withington. / M. Marestier, 1957, c1824.

Pacific steamboats. Photos. from the Joe Williamson Marine collection, 1958.

Submarines

Beneath the surface : submarines built in Seattle and Vancouver, 1909-1918. / by Bill Lightfoot, 2005.

Forged in war : the naval-industrial complex and American submarine construction, 1940-1961. / by Gary E. Weir, 1993.

Todd Shipyard, see Shipyards, above.

Triunfo de la Cruz (Ship)

El Triunfo de la Cruz, the first ship built in the Californias. / by Theodore Henry Hittell, 1963.

Warships, design and construction

The construction and fitting of the English man of war, 1650-1850. / by Peter Goodwin, 1987.

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

Weapons and shipbuilding industry

Guns, sails and empires; technological innovation and the early phases of European expansion, 1400-1700. / by Carlo M. Cipolla, 1966.

Western Pipe and Steel Company

Steel ships and iron pipe : Western Pipe and Steel Company of California : the company, the yard, the ships. / by Dean L. Mawdsley, 2002.

Whaling ships, see separate research guide under Shipping.

Wooden ships

The Colonial schooner 1763-1775. / by Harold Hahn, 1981.

The evolution of the wooden ship / Basil Greenhill ; illustrations by Sam Manning, 1988.

How wooden ships are built : a practical treatise on modern American wooden ship construction with a supplement on laying off wooden vessels / by H. Cole Estep, 1984.

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Wooden ships continued

Rules for building and classing wood vessels, 1942. / American Bureau of Shipping, 1942.

Wood: a manual for its use as a shipbuilding material. / U.S. Bureau of Ships, 1957-1962.

Wooden ship : the art, history, and revival of wooden boatbuilding / by Peter H. Spectre and David Larkin ; principal photography by Paul Rocheleau, chief contributing photographers Fred Hoogervorst, Benjamin Mendlowitz, Allan Weitz, 1991.

Yachts, design and construction

Technical yachting, 1971.

Yachting's book of plans, 1968, c1966.

Yachting under power. / Yachting Publishing Corporation, 1966.