Guide to The William A. Baker Collection

His Designs and Research Files
1925–1991

The Francis Russell Hart Nautical Collections of MIT Museum

Kurt Hasselbalch
and
Kara Schneiderman

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**THE WILLIAM A. BAKER COLLECTION**  
Papers, 1925-1991

**First Donation**  
Size: 36 document boxes  
583 plans  
9 three-ring binders  
3 photograph books  
4 small boxes  
3 oversized boxes  
6 slide trays  
1 3x5 card filing box  

Processed: October 1991  
By: Kara Schneiderman

**Second Donation**  
Size: 2 Paige boxes (99 folders)  
20 scrapbooks  
1 box of memorabilia  
1 portfolio  
12 oversize photographs  
2 slide trays  

Processed: August 1992  
By: Kara Schneiderman

**Access**  
The collection is unrestricted.

**Acquisition**  
The materials from the first donation were given to the Hart Nautical Collections by Mrs. Ruth S. Baker. The materials from the second donation were given to the Hart Nautical Collections by the estate of Mrs. Ruth S. Baker.

**Copyright**  
Requests for permission to publish material or use plans from this collection should be discussed with the Curator of the Hart Nautical Collections.

**Processing**  
Processing of this collection was made possible through a grant from Mrs. Ruth S. Baker.
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William Avery Baker was born in New Britain, Connecticut on October 21, 1911. He received a Bachelor’s Degree in Naval Architecture and Marine Engineering from MIT in 1934, and in August of that year, began his career at the Bethlehem Steel Company, Shipbuilding Division, as an electric welder. On May 2, 1936, William Baker married Ruth Stuart. He remained at Bethlehem Steel in a number of different positions, working at both the Quincy, Massachusetts and San Francisco, California yards, until his retirement in 1964.

From 1963 to 1981, William Baker held the position of Lecturer in MIT’s Department of Naval Architecture and Marine Engineering, which became the Department of Ocean Engineering after 1971, and during this same period, he served as Curator for the Francis Russell Hart Nautical Museum. He held memberships in many professional organizations, served on United States government committees, consulted for the National Geographic Society, Time-Life, and the National Trust for Historical Preservation. Baker received many awards throughout his career, including Norway’s St. Olav’s Medal in 1949 for his work on *Gjøa*. William Baker is the author of eleven books, as well as numerous articles, lectures and papers.

Baker's design files begin in 1941 with a keel-double ender Block Island type design and end in 1981 with *Elizabeth II*. During the years in between, William Baker became one of the foremost authorities on the design and construction of colonial vessels. His designs include *Mayflower II*, a reconstruction of the ship which brought the Pilgrims to Massachusetts; *Beaver II*, a reconstruction of the Boston Tea Party Ship; reconstruction plans for *Gjøa*, the first vessel to make the Northwest Passage; *Adventure*, a colonial trading ketch replica; and over seventy-five other designs.

The William A. Baker Collection contains material dating from 1925 to 1991, encompassing Baker’s career as a naval architect and internationally known expert on colonial vessels. Included are his papers, vessel designs and plans, design notebooks, models and half models, books, photographs, slides, and original artwork. The importance of this collection lies not only in the files relating to Baker’s own designs, but also because, as a whole, it forms a naval architect’s “kit,” containing the extensive research required to create those designs. In Baker’s work, that research is primarily in the field of colonial vessel design and construction, an area in which there is little in the way of original records or vessel plans.

The collection is divided into three major sections: the Bethlehem Shipbuilding Corporation Files, those materials relating to Baker’s employment with the Bethlehem Steel Company, Shipbuilding Division (1934-1964); the Design Files, which relate to Baker’s career as a naval architect specializing in the design of colonial vessels (1941-1991); and the Research and Reference Files, which Baker used in creating designs and writing books. Also included in the collection are items from Baker’s childhood (1925-1930), ship plans and notebooks from Baker’s student years at MIT (1930-1934); design notebooks; and design and research/reference slides. An automated database for searching the design files is available on Paradox as “Baker.”

A second donation of material was made to the Hart Nautical Collections upon the death of Mrs. Ruth Baker in 1992. This portion of the collection includes manuscripts for design proposals, correspondence, news clippings, publicity files, a selection of travel scrapbooks, design scrapbooks, and memorabilia. An inventory of this second donation can be found in Appendix C and cross-references have been made to the materials throughout this finding aid.

The following abbreviations appear throughout this finding aid:

- **WAB** William A. Baker
- **RSB** Ruth S. Baker
- **HNC** Hart Nautical Collections
- **BSC** Bethlehem Steel Corporation
Guide to The William A. Baker Collection

Series Listing

I Research and Reference
10 document boxes (162 folders)
three photograph books
one oversize box
272 plans
arranged by subject

This series comprises William Baker’s naval architect’s “kit” of materials used in the research of his designs and projects. There are four subseries: Research and Reference Files, containing reproductions of historical documents, brochures, articles, correspondence, photographs, marine art, maritime museum catalogs, newsletters, and other written materials; Research and Reference Photograph Books, three-ring binders which contain photographs of vessels and reproductions of documents; Research and Reference Oversize Material, such as plans and photographs; and Research and Reference Plans, including large collections from Union Iron Works and Risdon Iron Works. The plans are arranged according to Baker’s own inventory which, for the most part, is by vessel type.

II Bethlehem Shipbuilding Corporation
19 document boxes: 188 folders
one oversize box
11 plans
arranged by subject

This series contains files relate to Baker’s career at the Bethlehem Steel Company, Shipbuilding Division, where he worked from 1934 to 1964. There are three subseries: BSC Files, containing technical notes and documents, plans, correspondence, articles, brochures, and lists of vessels; BSC Oversized Material, including graphs, charts and photographs; and BSC Plans, primarily those drawn by Baker while at BSC (drawer Z-3).

III Vessel Designs
five document boxes: 78 folders (first donation)
one Paige box: 50 folders (second donation)
300 plans
one portfolio (second donation)
12 oversize photographs (second donation)
arranged by design number

The Vessel Design Files include correspondence, photographs, brochures, articles, sketches and graphs, notes, plans, histories, and other documents relating to Baker’s designs. The Vessel Design plans themselves are located in flat file storage (drawer SO-3) and are also arranged according to design numbers assigned by Baker.
IV  **Notebooks**

six three-ring binders and 9 notebooks  
arranged by subject

Numbered and arranged by William Baker, these binders contain historical research, articles and notes, and relate to both the Research and Reference Files and the Design Files. An index exists in the front of each binder, providing a complete guide to its contents. The notebooks, which are arranged chronologically, contain notes from classes taken at MIT, notes made while at Bethlehem Shipbuilding, and notes related to his own designs.

V  **Slides**

eight trays: approximately 7,200 total (2 boxes from second donation)  
arranged by subject

This series contains slides on the following subjects: steam vessels, historic vessels, and tools; shows, and WAB lectures; WAB designs; lecture slides; research slides. Each tray contains a brief index.

VI  **Publications and Lectures**

two document boxes: 58 folders (first donation)  
one Paige box: 49 folders (second donation)  
arranged chronologically

These two boxes contain some of Baker’s most important writings, including a rough draft and final copy of his senior thesis from MIT. There are two subseries containing manuscripts, articles, papers and books: Writings and Publications by Baker dating from 1934-1981, and Conferences and Lectures dating from 1947-1980.

VII  **Scrapbooks**

20 scrapbooks (second donation)  
arranged chronologically and generally by subject

This series includes news clippings (1939-1981), travel scrapbooks (1952-1978) containing photographs, news clippings, and realia primarily from trips to Europe, and design scrapbooks containing photographs and news clippings on a number of Baker’s best known designs.

VIII  **Memorabilia**

one box: 22 items (second donation)

This box contains items from Baker’s childhood, medals, insignia, certificates, and small models.
**SERIES DESCRIPTION**

- **SERIES I - RESEARCH AND REFERENCE**

**Research and Reference: Files**

<table>
<thead>
<tr>
<th>Box</th>
<th>Folder</th>
<th>Contents</th>
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<tbody>
<tr>
<td>I R1-R14</td>
<td>Early to 17th Century Vessel Research</td>
<td></td>
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<tr>
<td>R1</td>
<td>“The Poole Ship of 1325” [pamphlet]</td>
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<tr>
<td>R2</td>
<td>“A Ship of the Roman Period from Blackfriars in the City of London” [booklet]</td>
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<tr>
<td>R3</td>
<td>“Recent and Early Information about Ancient and Medieval Ships” by Elliot Snow</td>
<td></td>
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<tr>
<td>R4</td>
<td>15th century ship design</td>
<td></td>
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<tr>
<td>R5</td>
<td><em>Nina</em> and <em>Santa Maria</em> (see also slide box 1)</td>
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<tr>
<td>R6</td>
<td>“Survival of Pre-16th Century Mediterranean Lofting Techniques in Bahia, Brazil” (1985)</td>
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<tr>
<td>R7</td>
<td>“Early Shipbuilding in Colonial New Spain, 1519-1565” by William Collins (1964) [manuscript thesis]</td>
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<tr>
<td>R8</td>
<td><em>La Grande Hermine</em> of 1534</td>
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<tr>
<td>R9</td>
<td><em>La Grande Hermine</em> of 1534</td>
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<tr>
<td>R10</td>
<td>Matthew Baker notebook, ca. 1585 (see also Research and Reference photograph book 2)</td>
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<tr>
<td>R11</td>
<td>“Instruccion Nautica of 1587” by de Palacio; translated by J. Bankston</td>
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<tr>
<td>R12</td>
<td>Zuider Zee (Holland): excavations of late 16th to early 17th century vessels</td>
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<tr>
<td>R13</td>
<td>16th and 17th century ship design</td>
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<tr>
<td>R14</td>
<td>16th and 17th century vessels: two papers by Richard Baker</td>
<td></td>
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</tbody>
</table>

<p>| II R15-R40 | 17th Century Vessel Research |
| R15 | “The Bends of a Ship” by Thomas Fagge |
| R16 | “Del Arcano Del Mare Del Duca di Nortumbria Libro Quarto” (see also microfilm box 4f) |
| R17 | Paper presented to King Charles II on “The Art of Shipbuilding” |
| R18 | English translations of two Swedish works on shipbuilding |
| R19 | 17th century vessels |
| R20 | Maps of London showing 17th century vessels |
| R21 | Lists of ships |
| R22 | Elizabethan galleon (ca. 1600) |
| R23 | “Quiros in New Spain, 1606” [ship’s inventories] |
| R24 | <em>The Half Moon</em> (ca. 1609) |
| R25 | “Harriot’s Manuscript on Shipbuilding and Rigging (ca. 1610)” by Jon V. Pepper [1979: paper] |
| R26 | Vroom’s <em>Royal Prince</em> of 1610 |
| R27 | “Adriaen Block, 1611-1614: New York’s First Shipbuilder” [pamphlet] |
| R28 | “Livro de Tracas de Carpintaria, 1616” (see also Research and Reference photograph book 2) |</p>
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<th>Box</th>
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<tbody>
<tr>
<td>R29</td>
<td></td>
<td>Documents (1616-1620) on the construction and delivery of the <em>Atocha</em> and three other galleons</td>
</tr>
<tr>
<td>R30</td>
<td></td>
<td>Pinnace Contracts (1625)</td>
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<tr>
<td>R31</td>
<td></td>
<td>“A Treatise on Rigging” (1625)</td>
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<tr>
<td>R32</td>
<td></td>
<td><em>Wasa</em> of 1628 (see also slide tray 6)</td>
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<tr>
<td>R33</td>
<td></td>
<td>Sketches of vessels from the log of drawer Thomas Browne, 1661-1662</td>
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<tr>
<td>R34</td>
<td></td>
<td>“Atlas de Colbert” (ca. 1663)</td>
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<td>R35</td>
<td></td>
<td>“The Complete Modelist of Thomas Miller, 1667” by Vernon D. Tate</td>
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<td>R36</td>
<td></td>
<td>“Doctrine of Navall Architecture” by Anthony Deane (1670) (see also oversize box I)</td>
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<tr>
<td>R37</td>
<td></td>
<td>Samuel Fortree of Navarachi [papers]</td>
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<tr>
<td>R38</td>
<td></td>
<td>“W. a Winschootens Seeman...” (1681)</td>
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<tr>
<td>R39</td>
<td></td>
<td>“W. a Winschootens Seeman...” (1681)</td>
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<tr>
<td>R40</td>
<td></td>
<td>“Notes on a Naval Manuscript Compiled by Edward Battine, c. 1688”</td>
</tr>
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### III  R41-R53  18th Century Vessel Research

- R41  18th century ship design
- R42  Japanese scrolls showing Chinese vessels (see also slide tray 3)
- R43  “Early Iron Barges” by The Wilkinson Society (London) [booklet]
- R44  Lists of ships
- R45  “The Accomplish’d Ship-Wright and Mariner” John Hardingham (1709)
- R46  “Lexicon Technicum” by John Harris (1723, 1725) [extracts]
- R47  John Peck (1725-1790) [papers]
- R48  Brown’s Ferry (South Carolina) vessel (ca. 1730)
- R49  *Le Chebec* (1750-1786)
- R50  The Journal of John Russell (1762-1765) [extracts]
- R51  *San Carlos* (1767)
- R52  *Columbia* (1787) and *Lady Washington*
- R53  Plates from *The Encyclopedia of Arts and Sciences* (1797)

### IV  R54-R80  19th and 20th Century Vessel Research

- R54  “Donald McKay and the Ships he Built”, 1925 [pamphlet]
- R55  Brig *Boston*
- R56  Lloyd’s list (1820)
- R57  U.S. 10-gun brig *Perry* (1840’s) [plans]
- R58  “Sail Plans Traced from the Notebooks of Sailmakers J.W. Loane & Sons of Baltimore for 1840-1870”
- R59  The *S.S. Great Britain* (1843)
- R60  “Lines of Vessels Taken from Builder’s Half Models, 1850-1923”
- R61  Clipper ship *Flying Cloud* (1851) [plans]
- R62  Ship descriptions from *The Boston Atlas* (1851-1856) (see also Research and Reference photograph book 3)
- R63  Clipper ship *Great Republic* (1853)
- R64  Advertisements from a Boston magazine, including Harrison Loring and Simpson Dry Dock Company (1860) [originals]
- R65  “The Voyages of ‘Norwest John’ ca. 1860” [manuscript]
- R66  “The Ships that Foundered off Spithead” (1860)
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<td></td>
<td>R67</td>
<td>Civil War gunboats U.S.S. Monitor and U.S.S. Cairo</td>
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<td></td>
<td>R68</td>
<td>Clipper ship Cutty Sark (1869) [brochure]</td>
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<td>R69</td>
<td>Notes by Albert Hanson on details of a three-masted schooner Earl H. Potter (1872)</td>
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<td>R70</td>
<td>Woods Holes spiritsail boat T.C. (1885) [plans]</td>
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<td>R71</td>
<td>“Documents Relatifs a la Marine Normandie”, chapter one (1889)</td>
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<td></td>
<td>R72</td>
<td>Lists of ships, 19th and 20th century</td>
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<td>R73</td>
<td>Swedish vessels, 19th and 20th century</td>
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<td>R74</td>
<td>Articles on small boat design (1920’s-1960’s)</td>
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<td>R75</td>
<td>7-masted schooner Thomas W. Lawson (1902)</td>
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<td>R76</td>
<td>“Helen B. Thomas: knockabout fisherman” (1902) [article]</td>
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<td>R77</td>
<td>Steamship Sabino (1908) [brochure]</td>
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<td>R78</td>
<td>Herreshoff designs (1920, 1939)</td>
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<td>R79</td>
<td>Schooner Pride of Baltimore (1976) (see also slide tray 1)</td>
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<td>R80</td>
<td>Sea Education Association, Woods Hole, Massachusetts (1978)</td>
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V R81-R102 Vessel Research: Type and Construction

R81 “The Method of Building, Rigging, Apparelling and Finishing His Majesty’s Ships of War...” by Samuel Pepys
R82 Rigging notes and details (historical)
R83 “Rigging—Structure—Outfit—Miscellaneous.” from The Seaman’s Dictionary by Henry Mainwaring
R84 “A Fourth-Rate Ship” [plan]
R85 Woodworking tools
R86 “Block Machinery at Portsmouth” [plates]
R87 Guns (15th-19th century)
R88 Chesapeake Bay (Maryland) vessels
R89 Brigantines and schooners
R90 Sloops
R91 “On the Stability of Sailing Vessels” by Beebe-Center, Jr. and Brooke [paper: SNAME, 1966]
R92 “Random Notes on Sailing Vessels” by WAB (wind ships)
R93 Vessel research by WAB for his books Colonial Vessels and Sloops and Shallops
R94 St. John Wood boats (see also Designs 36 and 37)
R95 Steamships
R96 Steam vessels: booklets with drawings by Samuel Ward Stanton
R97 Diesel engines
R98 “Date and Notes on the Sailing Vessel Fleet of the Alaska Packers Association (San Francisco)”
R99 Ferries (California)
R100 Tugboats
R101 “Development of Hull Form of Merchant Vessels” by G.S. Baker (1937)
R102 State barges

VI R103-R116 Historical Research: Museums and BSC Brochures

R103 Rotterdam, Holland: paintings from Prins Hendrik Maritime Museum
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<td>R104</td>
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<td>R105</td>
<td>Amsterdam: paintings</td>
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<td>R106</td>
<td>London: National Gallery</td>
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<td>R107</td>
<td>London: National Maritime Museum</td>
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<td>R108</td>
<td>England: paintings by Velde (see also Research and Reference photograph book 1)</td>
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<td>R109</td>
<td>Philadelphia: vessels in harbor</td>
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<td>R110</td>
<td>Early vessels on maps</td>
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<td>R111</td>
<td>Ship structures (17th-20th century)</td>
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<td>R112</td>
<td>Ship structures (17th-20th century)</td>
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<td>R113</td>
<td>England</td>
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<td>R114</td>
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<td>R115</td>
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<td>R116</td>
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<td>R116A</td>
<td>U.S. Navy booklets and photographs of ships (1898-1928)</td>
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<td>R116B</td>
<td>Bethlehem Shipbuilding Corporation booklets</td>
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<td>R116C</td>
<td>Fore River Brochure (1902)</td>
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<td>R116D</td>
<td>“A History of Union Iron Works” by WAB</td>
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**VII** R117-R127 Historical Research: Preservation and Conservation, Underwater Archaeology

| R117 | Maritime History of the Delaware River: research for 1976 SNAME paper (see also photograph book 2) |
| R118 | Maritime History of the Delaware River |
| R119 | Maritime History of the Delaware River |
| R120 | “The American Clyde” by David B. Tyler (used for Maritime History of the Delaware River) |
| R121 | “A Bibliographic Survey of Pacific Northwest Maritime History” |
| R122 | Articles on underwater archaeology and shipwrecks |
| R123 | Wooden ship preservation |
| R124 | “Conservation of Metal Objects from Underwater Sites: A Study in Methods” |
| R125 | Historical naval architecture |
| R126 | Historical plans |
| R127 | Articles |
| R127A | Articles in German |

**VIII** R128-R148 Gateway to the Sea Exhibit, WAB Personal, Howard I. Chapelle

<p>| R128 | Gateway to the Sea exhibit, 1980: research, correspondence and xeroxes of the exhibit materials |
| R129 | Gateway to the Sea: history of Boston Harbor |
| R130 | Gateway to the Sea: exhibit photographs |
| R131 | Gateway to the Sea: index |
| R132 | Gateway to the Sea: text |
| R133 | Gateway to the Sea: introduction |
| R134 | Gateway to the Sea: 1700 |
| R135 | Gateway to the Sea: 1800 |</p>
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<tbody>
<tr>
<td>R136</td>
<td>Gateway to the Sea: boats/fish</td>
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<tr>
<td>R137</td>
<td>Gateway to the Sea: 1900</td>
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<tr>
<td>R138</td>
<td>Gateway to the Sea: present</td>
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     (see also designs 14E, 25, 30) |
| R140 | Howard I. Chapelle: correspondence (1962-1975)  
     (see also designs 14E, 32, 40, 42, 43, 56) |
| R141 | Howard I. Chapelle: obituaries, etc. |
| R142 | WAB: MIT class of 1934 |
| R143 | WAB: resumes |
| R144 | WAB: design time records |
| R145 | WAB: correspondence (1947-1982) |
| R146 | WAB ’34: A Memorial Exhibit |
| R147 | Paule Loring’s Marine Sketchbook (1964) |
| R148 | 2 calendars (1 with text by WAB) |

**IX R149-R157 Museum Catalogs and Newsletters**

| R149 | Museum catalogs |
| R150 | Vancouver Maritime Museum |
| R152 | Museum of Fine Arts, Boston |
| R153 | National Maritime Museum, Haifa (Israel) |
| R154 | Erie Canal Museum, Syracuse (NY) |
| R155 | Sealetter of the National Maritime Museum (1964–1979) |
| R156 | San Francisco Maritime Museum—vessels |
| R157 | South Street Seaport, New York |

**X Maritime Art: Museum and Gallery Catalogs**
RESEARCH AND REFERENCE: PHOTOGRAPH BOOKS

Book 1
- Colonial Shipbuilding (Colonial Society, 1975)
- Rockport Stone Sloops:
  - Albert Baldwin: lines, arrangement and sail plan
  - Mary A. White: sail plan
- Punic ship remains and new vessel under construction (Marsala, Sicily, 1979)
- Sloops:
  - Duke’s plan of New York
  - Dankers’ sketches
- Freighter (negatives)
- Photograph of a boat in Paris on the Seine (1952)
- Sam Svensson (negatives)
- Ships a la Rochelle (Colbert)
- Ship (ca. 1640): Hollar
- Ship (ca. 1660): Puget
- Baugean: “Collection de toutes les especes de batimens de guerre et de batimens marchands qui naviguent sur l’ocean et dans la Mediterranee designee d’apres nature et gravee par Baugean. Composee de soixante-douze planches et accompagnee d’un texte explicatif de l’imprimerie de P. N. Rougeron, a Paris, 1814” (see also slide tray 6)
- Gueroult du Pas (ca. 1700) (see also slide tray 6)
- Van de Velde (see also slide tray 6)
- Shipwright books (negatives)
- French gunships
- T. B. card collection (prints and negatives)

Book 2
- Livro de Tracas de Carpintaria (1616) (see also file R28)
- 17th century vessels: bark—Pieter Der Zeelander
- Matthew Baker notebook (ca. 1585) (see also file R10)
- “Venetian Naval Architecture about 1550” by Frederic Chapin Lane
- “Italian Naval Architecture about 1445” by R. C. Anderson
- “A Contemporary 15th Century Ship Model” by Henry B. Culver
- “The Model of a Spanish Caravel of the Beginning of the 15th Century” by J. W. Nouhuys
- “The Roman Galleys in the Lake of Nemi” by G. C. Speziale
- National Trust for Historic Preservation grant photographs (1978-1980)
- SNAME New England Sailing Yacht Symposium (1976)
- SNAME Delaware River Shipbuilding History (1976) (see also files R117-R119)
Book 3

- Boston Atlas vessel descriptions (1851, 1853)
- L. Morel-Fatio: drawings (1842)
- Building accounts:
  - Dispatch packet (1813)
  - Boat George (1815)
  - Freight accounts
- Naval Documents of the American Revolution
- Action and Reaction Equal in a Fluid by Sutherland (1725)
- “Comparative Naval Architecture, 1670-1720” by R. C. Anderson
Reference and Design Files (Oversize Box I)

- Postcard of a harbor (1906)
- Fore River booklet in Spanish (no date)
- “Private Signals: Merchants of Boston” [calendar] State Street Bank (1936-1937)
- Photograph of WAB taken at MIT (no date)
- *Wasa*: 4 b&w photographs and a preliminary print of the painting *Wasa* by H. G. Smith for the National Geographic Society
- Danish vessels: church frescoes from the middle ages
- Dutch Fluyt: from the Kendall Whaling Museum
- *S.S. H. M. Whitney* (1890)
- Anthony Deane (1670)
- New Zealand scows [photocopies], 12 sheets
- *U.S.S. Constitution*: photograph in Charlestown Navy Yard, no date; and plans (1926) for restoration work.
- *Niagara* (WAB design 72): 3 plans (research)
- *Brilliant* (WAB design 51): reproduction of letter (1776)
- *Los Tres Reyes* (WAB design 74): reproduction of Baker plan 74-Sk-3
- *Mayflower II* (WAB design 14E): reproduction of the offsets for loft; plan of the *Mayflower* drawn by George B. Douglas (1920); cross section sketch showing the pilgrims in the *Mayflower* and her original below deck arrangement by John S. Seamans; sketch of the *Mayflower II* nearing completion at Brixham, England
- Illustrations for WAB books
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Bethlehem Shipbuilding Corporation (Oversize Box II)

- Graphs and profiles of tanker designs by WAB
- “Stats” of one tanker, probably drawn by WAB
- Appendage resistance calculations and graphs for destroyers by WAB
- P2 transport: trial performance graphs
- Passenger steamships
- Olympic Games (H-4463): tanker, Sparrows Point (MD) Yard, color photograph
- World Liberty: tanker, b&w photograph
- President Cleveland (H-9509): passenger ship, Alameda (CA) Yard
BETHLEHEM SHIPBUILDING CORPORATION: PLANS - WILLIAM A. BAKER, ARCHITECT

Socony Vacuum (H-4333, 4332) single screw tanker
  • Blueprint of scantling plan (1932) (roll file A2)

BSC sketches (drawer Z-3)
  • Shackle (1947)
  • 100 ton shackle (1947)
  • Proposed 365 ft. ore carrier, P-1308 (1943)
  • Proposed Great Lakes ore carrier (1950)
  • P2-SE2-R1 (1942) preliminary outboard profile, H-9501-10
  • 18 knot dry cargo ship, American Export Lines (no date)
  • Twin screw or carrier (no date)
  • Single screw ore and oil carrier (no date)
  • Proposed passenger and cargo vessel for the Inter Island Steam Navigation Company, Honolulu: outboard profile
  • Proposed passenger and auto vessel for the Inter Island Steam Navigation Company: outboard profile, 2021-72231
SERIES DESCRIPTION

VESSEL DESIGNS: FILES

There is no information in the design files for the following design numbers:
II, III, VXI, XII, 17, 36, 37, 38, 42A, 54, 64, 65, 67.


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<p>|     |        | Lines drawings for designs I, IV, VI; lines drawings and notes for design VII; lines drawings and sail plan for design VIII; lines for design IX; profiles; notes and sail plans; pamphlet on small cruising yachts; Cap Cat Boat Association Class D rules and regulations for 1911. Design dates 1941-1945. |
| X   |        | Tunnel Stern Scow (1946) |
| XI  |        | Bay &amp; River Freighter (1946) |
| XII |        | Plywood Kayak (1946) |
| 13  |        | 24' Yacht Ketch (1947) Notes; graphs; lines and sail plan sketches. |
| 14  |        | Twin Screw Steel Power Boat (1948) Correspondence; &quot;Specifications for a Twin Screw Steel Cruiser&quot; (1949); notes and graphs; weights-steel summary; weights-outfit summary. |
| 14C-1|       | Sloop Gjoa of 1872 (1948) Related material: drawer O-2, second donation files, scrapbooks 3, 12, 16, 19 Correspondence; newspaper clippings (1972-1973); press release for project (1947); ship’s history by WAB; photographs and specifications of the model by W.H. Honey; notes; articles on Amundsen and Gjoa voyage. |</p>
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|     |        | Related material: scrapbook 12  
|     |        | Profile sketch (pencil); lines and notes. |
| 21  |        | Gundalow (Gondola, Gunboat) *Philadelphia* of 1776 (1958)  
|     |        | Related material: slide tray 3, second donation files, scrapbook 12  
|     |        | Correspondence; several articles, booklets and pamphlets; “Specifications for Reproduction of 1776 Gundola” (1958); notes on rigging and offsets; photocopies of 1939 and 1945 plans. |
| 22  |        | 15’ 6” Catboat (1957-1958)  
|     |        | Notes and lines graphs. |
| 23  |        | Cruising Yawl (1958)  
|     |        | Related material: half model  
|     |        | Proposal for reducing costs (1960); building specifications for a shallow-draft cruising yawl (1959); notes on offsets and camber; notes on masts and rigging; lines graphs; notes on lines and tanks; preliminary specifications; notes on weights; notes on Herreshoff scantlings. |
| 24  |        | Shallop *Answer* of 1600’s (1958)  
|     |        | Related material: design 29, scrapbook 12  
|     |        | Notes on camber. |
| 25  |        | Shallop *Aviza* of 1725 (1958)  
|     |        | Related material: file R139, slide tray 3, half model, scrapbooks 9, 12, 16  
|     |        | Copies of sail plan; notes concerning materials and fastenings (1959); yard parral and profile (pencil sketches); offsets on frames-half breadths; notes; photographs of vessel through construction and at sail; article by WAB. |
| 26  |        | Colonial Sloop (1959)  
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|     |        | Profile graph and plan estimate. |
| 27  |        | Colonial Bark ca. 1640 (1960)  
|     |        | Related material: design notebook A, second donation files, scrapbook 12  
<p>|     |        | “Appendix A--Rigging Specifications”; plan for anchor; study of characteristics of Ralamb’s <em>Gay</em>; article on art and yacht design. |</p>
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| 28  |        | Chebacco Boat ca. 1770 (1961)  
“Notes from the History of the Town of Rockport, 1888”; copies of plans from Sloops and Shallops; notes. |
| 29  |        | 24’ Shallop Answer (revised) of 1600’s (1961)  
Related material: design 24, design notebook A, scrapbook 12  
Copies of plans; specifications; notes; lines and profile drawings. |
| 30  |        | Copenhagen Ship (1961)  
Related material: file R139  
Correspondence; photocopy of ship plan; articles and notes; lines drawings, graphs, sketches and notes. |
| 31-1|        | Merchant Vessel Welcome of 1682 (1962)  
Related material: design notebook A, drawer O-2, second donation files, scrapbook 12  
Research: brochures; articles; correspondence; notes and sketches. |
| 31-2|        | Design: “Final Report on Project” (1971); preliminary specifications (1963); notes, sketches and graphs; copies of plans. |
| 31-3|        | Correspondence (1962-1986). |
| 32  |        | Newburyport Hawksnest Model of 1690 (1963)  
Related material: file R140, drawer O-2, scrapbook 12  
Photographs of model; correspondence; notes by Howard I. Chapelle; tracings from model; notes and sketches. |
| 33  |        | Friendship Sloop  
Notes. |
| 34  |        | Two-Masted Boat East Hue & Cry of the late 1800’s  
Related material: design notebook A, slide tray 3, second donation files, scrapbook 12  
Notes and graphs; cardboard cut-out. |
| 35  |        | Packet Sloop Mayflower of 1823 (1964)  
Related material: slide tray 3, second donation files, scrapbook 12  
Card; newspaper clippings; photographs; correspondence; brochure on the North River; 4 maps drawn by WAB of the North River area; North River Notes by WAB; notes. |
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<td>Sloop ca. 1838 (1965)</td>
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<td>Topsail Schooner Gaspee II of ca. 1765 (1967) Related material: file R140, slide tray 3, second donation files, scrapbook 13 Negatives of plans; photographs of model; copies of plans; details sketches; notes, lines and articles; preliminary specifications (1968).</td>
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<td>III</td>
<td>40A</td>
<td>Pinnace Deliverance of 1610 (1967) Related material: drawer O-2, slide tray 3, second donation files, scrapbook 13 Color photographs showing damage to vessel; card by WAB; correspondence, rigging specifications; notes, lines and graphs; survey report on port side planking and port side structural members carried out at the behest of the Bermuda Junior Service League, St. George’s, Bermuda (1979); “Deliverance: Work in Progress and a Projection of Work for 1980”.</td>
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<td>American Revolutionary War Schooner Hannah of ca. 1776 (1968) Related material: drawer O-2 Photographs of half model; correspondence; notes, sketches, lines; news clippings; reproduction of Colony Ledger of 1775 from the Marblehead Historical Society; articles; proposal for Margeretta, a vessel similar to Hannah (1974).</td>
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<td>42</td>
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<td>Ship Carolina of 1670 (1968) Related material: file R140, design notebook A, slide tray 3, drawer O-2, second donation files, scrapbooks 8, 13, 16 Photographs of model; copies of plans; detail sketches; notes; a history of the Carolina; copies of the 1926 model plans; prospectus for a model of the ship Carolina of 1670; copies from the South Carolina Historical Society of The Shaftsbury Papers; the Carolina fleet; copies of early maps of Charleston Harbor; “lists of ships found in connection with Carolina, 1670-1700”; brochure on Carolina and Adventure.</td>
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| 43-1 | Colonial Trading Ketch *Adventure* of 1670 (1969)  
Related material: file R140, design notebook A, slide tray 3, oversize box I, second donation files, scrapbooks 8, 13, 16  
Design: notes, graphs, lines; report from Herreshoff and Kerwin, Inc.; sketches, details and flags. |
| 43-2 | Photographs: at sail and showing damage to vessel; copies of plans and cards; brochure on *Adventure* and *Carolina*; brochure and advertisement for Charles Town Landing; articles. |
| 43-3 | Photographs: including photograph of the *Adventure* stopped near a surfaced submarine. |
| 44 | Schooner *Pilot* (1971)  
Related material: slide tray 3, drawer O-2, scrapbooks 10, 13  
Photograph showing new rig; correspondence; notes; Herreshoff and Kerwin report. |
| 45 | Gondola (1972)  
Related material: second donation files  
“A Study of Gondola’s for the Society for the Preservation of Historic Landmarks in York County [Maine], Inc.” (1972); notes on scow sloops. |
| 46 | Dutch Model Whaleship of the 1600’s (1972)  
Correspondence; notes on rigging and masts. |
| 47 | Shallop in Halves of 1602 (Gosnold’s Shallop, for *Concord*)  
Related material: design 48, design notebook A  
Correspondence; sketches; notes; reproduction of drawing of “*Concord’s* shallop. After Wall.” |
| 48 | Bark *Concord* of 1602  
Related material: design 47, design notebook A, slide tray 3, second donation files, scrapbook 13  
Copies of plans; correspondence; notes on rigging and sails; sketches of masts; notes on decks, heights and scantlings; pencil profiles and copies of vessel sketches. |
| IV | 49 | Brig *Beaver II* of 1773 (1972)  
Related material: design notebook A, slide tray 3, second donation files, scrapbooks 10, 13  
Photographs showing rig; vessel history; correspondence; interior drawing, figurehead and details; notes; words to “Revolutionary Tea” song. |
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| 50  |        | Frigate *Essex* of 1799 (1972)  
Related material: design notebook A, drawer O-2, second donation files, scrapbook 13  
Notes; copies of historical plans for *Chesapeake*; “Dimensions” data from Essex Papers, Peabody Museum (1977); copies of Josiah Fox papers, Peabody Museum. |
| 51  |        | Tobacco Ship *Brilliant* of 1775 (1974—hull only)  
Related material: design notebook A, drawer O-2, oversize box I, slide tray 3, second donation files, scrapbook 13  
Photographs of model; copies of plans and sketches; correspondence; notes on offsets. |
| 52  |        | Whaleboats *Middlesex* and *Henry Scudder* of 1776 (1974). This file relates to the *Middlesex*, which was the original vessel built. The *Henry Scudder* was later built by a different organization from the same plans. See “The Whaleboat *Middlesex* Technical Notes” by WAB in *Nautical Research Journal*: vol. 29, no. 3, September 1983  
Related material: slide tray 3, second donation files, scrapbooks 9, 13  
Photographs of vessel under construction and at sail; copies of the plans; notes; “Sources of Information on whaleboat Design or ‘Type’” and other historical notes; reproduction of a notice to General Washington regarding whaleboats; articles. |
| 53  |        | Longboat for *Brilliant* (51) of 1775 (1975)  
Related material: design notebook A, slide tray 3, scrapbook 13  
Original plans at Smithsonian Institution  
Reproduction of plans; correspondence; notes and sketches; copies of plans for a steel longboat. |
| 55  |        | Spanish Ship *San Esteban* of 1554 (1975)  
Related material: slide tray 3  
Correspondence. |
| 56  |        | North Sea Boat *Batchelor* of 1635 (1976)  
Related material: file R140, slide tray 3, second donation files, scrapbook 13  
Copies of plans; notes. |
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| 57-1 | | Pinnace [Maryland] *Dove* of 1634 (1976)  
Related material: design notebook A, slide tray 3, second donation files, scrapbooks 11, 13, 20  
Brochure on vessel; “A Note on the Rig of the DOVE”; sketches and drawings; notes; specifications; copies of historical maps; articles; notes on *Ark* and *Dove* models; report on hydrostatic and righting arm calculations from Herreshoff & Kerwin (1977). |
| 57-2 | | Photographs. |
| 58 | | Whaling Bark *William Baylies* of 1886 (1976) |
| 59 | | Steam Whaling Bark *North Star* of 1881 (1976)  
Original plans at the New Bedford Whaling Museum  
Notes; “The Class of Steam whalers”; vessel notes on converted steam whalers; “The Development and Design of Arctic Whaling and Sealing Vessels” by Howard I. Chapelle; historical research. |
| 60 | | Jolly-Wat *Parrot* of 1634 (1976)  
Related material: design 57, design notebook A, slide tray 3, second donation files, scrapbooks 11, 13  
Construction photographs; copies of plans; notes; sketch for leeboard. |
| V 61 | | Fishing Schooner *Rose Dorothea* of 1905 (1977)  
Photograph; correspondence; brochure from Providence Heritage Museum; notes. |
| 62 | | Cruise Schooner (1977)  
Related material: scrapbook 13  
Design proposal; notes and pencil sketches; plans from *Rudder* and *Yachting*; articles and newspaper clippings on cruise schooners. |
| 63 | | Scribed Board (6’x2’) from The James Maxwell House, Warren, RI, for Massasoit Historical Association  
Ship draught on plank from the 1700’s (1977)  
Related material: scrapbook 13  
Photographs of plank; correspondence. |
| 64 | | *Sparrow-Hawk* (1978)  
Related material: scrapbook 13 |
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| 66  |        | Western Rivers Keelboat (1978)  
     |        | Related material: second donation files  
     |        | Sketches and notes; reproduction of a page from *Boats and Boatbuilding* showing a sketch of a keelboat. |

| 67  |        | Weymouth Back River Gundalow (1978)  
     |        | Related material: second donation files |

| 68  |        | *Pleiades* Hawksnest Half Model of 1828  
     |        | Related material: drawer O-2  
     |        | Photographs of model and painting of the original; notes; 2 pages of tracings from the model.  
     |        | plan: side view/lines (not labeled) - roll file A3 |

| 69  |        | Schooner *Ernestina*/ex *Effie M. Morrissey* of 1894 (1978)  
     |        | Related material: drawer O-2, design notebook A, scrapbook 13  
     |        | Notes concerning her berthing, maintenance, and use; detail sketches; reproduction of sail plan; notes; brochures, articles and reports on the vessel. |

| 70  |        | Whaling Ship *Niantic* of 1835  
     |        | Related material: drawer O-2, second donation files, scrapbook 13  
     |        | Notes; sketches; correspondence; newspaper clippings; histories of the vessel; minutes of “Niantic meeting” (1978); memo: “Recommendations for Preservation of the Material Remains of the *Niantic* from the U.S. Government Museum Services (1978); photographs of the model of a merchant ship from 1830. |

| 71  |        | 24’ Pinnace ca. 1700-1750  
     |        | Related material: scrapbook 13  
     |        | Correspondence. |

| 72-1|        | U.S. Brig *Niagara*  
     |        | Related material: drawer O-2, oversized box I, second donation files, scrapbook 13  
     |        | Original plans property of the Commonwealth of Pennsylvania  
<pre><code> |        | Sketches and plans; correspondence, including a list of restoration work at flagship *Niagara*; preliminary report: restoration of the flagship *Niagara* - Erie, Pennsylvania (1962); specifications; preliminary study and survey; maintenance and condition report (1980). |
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<td>Photographs; brochures; “Perry’s Victory Centennial Banquet” (1914) [booklet]; “Perry’s Victory Centennial Souvenir” (1913); “The Building of Perry’s Fleet on Lake Erie, 1812-1813” by Max Rosenberg: Pennsylvania Historical and Museum Commission, 1974.</td>
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<tr>
<td>73 44-Gun Frigate U.S.S. Constitution of 1797 (1980) Related material: design notebook A, drawer O-2, oversized box I, scrapbook 13 Photograph of the Constitution at sail ca. 1880; brochure on the vessel; securities prospectus--souvenir history of the Constitution; specifications for structural exhibits; sketches and notes; copies of historical documents (1794); material from the U.S.S. Constitution Museum.</td>
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<td>74</td>
<td>Spanish Galleon Los Tres Reyes Magos of ca. 1566 (1980) Related material: oversized box I, scrapbook 13 Original plans at St. Augustine (Florida) Restoration Foundation, Inc. Copies of plans; historical research; project description (ca. 1964); specifications; ship details.</td>
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<td>Elizabeth II of 1584 (1980) Related material: design notebook A, drawer O-2, second donation files, scrapbooks 10, 13 News clippings; copies of plans; design and historical notes; newsletter on the vessel.</td>
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<td>Pinky Type Hull (1942) - see design file</td>
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<td>V</td>
<td>Tancook Whaler Type - drawings destroyed</td>
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<td>Tancook Whaler Type (1943) - see design file</td>
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<td>Tunnel Stern Scow-Plywood, 2 drawings (1946) - plans in drawer SO-3 X-1 Roll file A+</td>
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<td>Bay and River Freighter (1946) - plans in drawer SO-3</td>
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<td>Twin Screw Cruiser-Steel (1948) - plans in drawer SO-3</td>
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<td>4 Outboard profile</td>
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<td>Columbia River Lightship (1948) - plans in drawer SO-3</td>
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<td>Outboard profile</td>
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<td>Inboard profile</td>
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<td>14-C</td>
<td>Reconstruction plans for Roald Amundsen’s <em>Gjøa</em> - plans in drawer SO-3</td>
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<td>Original plans deposited at Peabody Museum of Salem (1950s)</td>
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<td>Prints at Smithsonian Institution and Oslo Marine Museum, Norway</td>
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<td>2 Midship section</td>
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<td>3 Inboard profile and deck plan</td>
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14-C 4 Main house, hatches and skylight
5 Outboard profile
6 Arrangement of rigging
7 Forward windlass
8 13 horse power "dan" type petroleum engine
9 Midship winch, fire rail and pump gear specifications

14-D Petroleum No. 3 (1949) - plans in drawer SO-3
1 Lines
2 Outboard profile

14-E Reproduction of Mayflower (1951-1958) - duplicate plans in drawer SO-3
Client: Plimoth Plantation, Inc., Plymouth, Massachusetts and Project Mayflower, Ltd.,
London, England
Original plans owned by Plimoth Plantation, except sail plan which is used with three
plans redrawn from building plans for which copyright is held by WAB
Preliminary plans and specifications (April 1952)
H-1 Lines
S-1 Midship section
S-2 Structural profile
S-3 Lower deck structure
S-4 Upper deck structure
SKR-1 Outline of spars and rigging
Final plans and specifications
H-1 Lines
H-2 Offsets for loft
S-1 Midship section
S-2 Structural profile
S-3 Lower deck structure
S-4 Upper deck structure
S-5 Focsl, half and poop decks
S-6 Typical sections
S-7 Transom
S-8 Beakhead
S-9-A Bulkheads (sheet 1)
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A-2 Interior finish
R-1-A Rigging profile (pertaining to spars)
R-1-B Rigging profile (pertaining to sails)
R-2 Masts and flagstaffs
R-3 Yards
R-4 Tops and crosstrees
R-5-A Rigging fittings (sheet 1)
R-5-B Rigging fittings (sheet 2)
R-6 Rigging sections
F-1-A Miscellaneous fittings (sheet 1)
F-1-B Miscellaneous fittings (sheet 2)
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15 Catboat (1955) - plans in drawer SO-3
   1 Lines (November 2, 1957)

16 Shallop (1955-1957) - duplicate plans in drawer SO-3
   Client: Plimoth Plantation, Inc., Plymouth, Massachusetts
   Original plans owned by Plimoth Plantation
   16-1 Lines (September 14, 1955)
   16-2 Construction plan (September 26, 1955)
   16-3 Sail plan and miscellaneous fittings (January 15, 1956)
   Rigging notes

17 Longboat (1955) - duplicate plans in drawer SO-3
   Client: Plimoth Plantation, Inc.
   Original plans owned by Plimoth Plantation
   17-1 Lines
   17-2 Construction plan

18 Pinnace Virginia (1957) - plans in drawer SO-3
   Sketches and notes for G.F. Cary, Bath Iron Works
   Special stamp based on this design issued by post office, August 15, 1957

19 Cruising Yawl (1957) - plans destroyed by WAB (see design 23)
   Client: Leighton F. Johnson, Jr.
   19-H-1P Lines
   19-A-1P Arrangement
   19-R-1P Sail plan

20 Cruising Yawl (1957) - no plans

21 Gondola/Gunboat Philadelphia (1958) - plans in drawer SO-3
   Client: Fort Ticonderoga Association, Ticonderoga, New York
   Model built by Erik Ronnberg, Jr.
   21-1 Lines
   21-2 Construction plan
   21-3 Typical hull sections and rigging details

22 Catboat (1957-1958) - plans in drawer SO-3
   22-1 Lines

23 Yawl (1958) - plans in drawer SO-3
   Client: Leighton F. Johnson, Jr.
   23-H-1P Lines (23-1 final)
   23-A-1P Arrangement (23-2 final)
   23-R-1P Sail plan (23-5 final)
   23-3 Scantling plan
   23-4 Typical sections
   23-6 Miscellaneous structural details
   23-7 Spars and rigging details
24 21 foot Shallop *Answer* (1958) - plans in drawer SO-3

See design 29

- 24-1 Lines
- 24-2 Construction plan
- 24-3 Sail plan and miscellaneous fittings

25 Shallop of 1725 (1958) - duplicate plans in drawer SO-3

Client: Captain Richard Blackburn Black, USNR, Rippon Lodge, Woodbridge, Virginia

- 25-1A Lines (25-1 final)
- 25-2A Construction plan (25-2 final)
- 25-3A Portable house (25-3 final)
- SK. A Sail plan (25-4 final)
- 25-5 Square sail

26 Colonial Sloop (1959) - no plans?

Client: Alden Johnson

27 Colonial Bark of ca. 1640 (1960) - plans in drawer SO-3

- Lines
- Arrangement and construction
- Sail plan

28 Chebacco Boat (1961) - plans in drawer SO-3

- Lines

29 24 foot Shallop *Answer* (revised) (1961) - plans in drawer SO-3

Client: Richard Nason

- 29-1 Lines and offsets (1962)
- 29-2 Construction plan (1962)
- 29-3 Sail plan and miscellaneous fittings (1962)
- Specifications (1962)

30 Copenhagen Ship (1961) - plans in drawer SO-3

31 William Penn’s *Welcome* (1962) - plans in drawer SO-3

Client: Philadelphia Department of Commerce, Port Division, for painting by H. Garrett Smith; *Pennsylvania* at William Penn Museum, Harrisburg, Pennsylvania (1963)

Preliminary studies (1962)

- SK-31A Lines
- SK-31B Sail plan
- SK-31C Midship section

Design plans (1963)

- 31-1-D Lines
- 31-2-D Midship section
- 31-3-D Inboard profile
- 31-4-D Decks
- 31-5-D Rigging and sails
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<td>Friendship Sloop (1964)</td>
<td>Client: W. Partridge</td>
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<td>Two-Masted Boat (1964) - plans in drawer SO-3</td>
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<td>Original plans owned by Maine Maritime Museum</td>
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<td><em>Mayflower</em> of 1823 (1964) - plans in drawer SO-3</td>
<td>North River (Massachusetts) Packet Sloop based on builder's model in Hart Nautical Museum</td>
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<tr>
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<td>Lines</td>
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<td>Saint John Wood Boat (1965) - plans in drawer SO-3</td>
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<td>Saint John Wood Boat (1965) - plans in drawer SO-3</td>
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<td>Sloop of ca. 1838 (1965) L. M'Kay, Plate 5 - plans in drawer SO-3</td>
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<td>Delaware River Shallop of 1818 (1965) - plans in drawer SO-3</td>
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<td>Reproduction of <em>Gaspée</em> (1967) - plans in drawer SO-3</td>
<td>Model for MIT built by Erik Ronnberg, Jr.</td>
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<td><em>Deliverance</em> of 1610 (1967) - plans in drawer SO-3</td>
<td>Client: Bermuda Junior League</td>
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<td>Dry-land waterline reproduction, hull plans by Cyril Smith, Bermuda</td>
<td>Rigging plan</td>
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<td>Reproduction of <em>Hannah</em> (1968) - plans in drawer SO-3</td>
<td>Lines</td>
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</table>
Reproduction of Carolina (1968) - plans in drawer SO-3
Client: South Carolina Tricentennial Commission
Model built by Erik A. R. Ronnberg, Jr.

- 42-H-1 Lines (WAB)
- S-1 Midship section (WAB)
- S-2 Structural profile (P&McA.)
- S-3 Lower deck plan (P&McA.)
- S-4 Upper deck plan (P&McA.)
- S-5 Quarter deck/forecastle deck (P&McA.)
- S-6 Structural sections (P&McA.)
- S-7 Bulkheads (P&McA.)
- S-8 Beakhead (P&McA.)
- S-9 Transom and galleries (P&McA.)
- SK Transom decorations (WAB)
- R-1 Rigging profile (WAB)
- R-1 Masts (P&McA.)
- R-2 Tops and cross trees (P&McA.)
- R-3 Yards, parrels and flagstaffs (P&McA.)
- R-4 Miscellaneous rigging fittings (P&McA.)
- R-5 Weather deck plan/location of rigging fittings (belaying) (P&McA.)
- R-6 Athwart sections at fore, main, and mizzen-masts (P&McA.)
- F-1 Windlass and capstan (P&McA.)

Adventure (1969) - plans in drawer SO-3
Client: South Carolina Tricentennial Commission
Reproduction of late 17th century trading ketch

- 43-H-1 Lines and offsets
- 43-H-2 Typical sections
- 43-H-3 Construction plan
- 43-H-4 Transom
- 43-F-1 Miscellaneous fittings
- 43-F-2 Berths
- 43-R-1 Rigging plan
- 43-R-2 Masts and yards
- 43-R-3 Sails
- 43-R-4 Belaying plan

Pilot [Burgess & Paine design] (1971) - plans in drawer SO-3
Client: W. Gordon Van Nes (new rig)

- 44-R-1 Sail plan
- 44-R-2 Spar plan

Gundalow/Gondola (1972)
Client: Society for the Preservation of Historic Landmarks, York County, Inc.
Guide to The William A. Baker Collection

46 Dutch Model (1972) - plans in drawer SO-3
Client: Kendall Whaling Museum
  46-1 Rigging profile
  46-2 Deck fittings

47 Shallop in Halves (1972) - plans in drawer SO-3
Client: Old Dartmouth Historical Society
Original plans at New Bedford Whaling Museum
lines, construction, sail and details (1 sheet)

48 Reproduction of Concord (1972) - duplicate plans in drawer SO-3
Client: Old Dartmouth Historical Society
Original plans at New Bedford Whaling Museum
  Lines
  Profile and sections (yards)
  Decks
  Sail plan (masts)
  Rigging specifications

49 Beaver (1972) - plans in drawer SO-3
Client: Boston Tea Party Ship Inc.
Converted Baltic Galeal
  49-1 Rigging profile and sections (negative in roll file B3)
  49-2 Masts, tops, caps and crosstrees
  49-3 Yards, boom and gaff
  49-SK1 Belaying sketch
  49-4 New transom (void)
  49-5 General arrangement
  49-6 New transom
  49-SK2 Beam end bracket
  49-SK3 Cupboard berths
  49-7 Arrangement, details: master’s, mate’s and great cabins (1980)
  Rigging specifications including sails

50 Essex (1972) - duplicate plans in drawer SO-3
Client: Peabody Museum of Salem
  Lines (preliminary)
  Decks (preliminary)
  Lines (final)
  Decks (final)
  Rigging
51  *Brilliant* (1974) 1775 Tobacco Ship - duplicate plans in drawer SO-3
Client: Smithsonian Institution
Original plans owned by the Smithsonian Institution

- 51-1 Lines
- 51-2 Inboard profile and sections
- 51-3 Decks
- 51-4 Arrangement of framing
- 51-5 Accommodations
Specifications

52  Whale Boat of 1776 (1974) - plans in drawer SO-3
*Middlesex* - Darien Historical Society (Connecticut)
*Henry Scudder* - American Revolution Bicentennial Commission (Huntington, Long Island)

- 52-1 Lines
- 52-2 Construction plan
- 52-3 Sail plan and miscellaneous details

53  Long Boat of 1775 (1975) for *Brilliant* - plans in drawer SO-3
Client: Smithsonian Institution
Lines
Construction plan
Sail plan and miscellaneous details

54  Yawl Boat for *Brilliant*

55  *San Esteban* (1975)
Client: Texas Antiquities Committee
Report on a 1554 wreck and salvaged pieces

56  *Batchelor* of ca. 1635 (1976) - plans in drawer SO-3
Client: Batchelor Society, Ltd.

- 56-H-1 Lines and offsets
- 56-H-2 Construction plan (incomplete)
- 56-SK-1 Profile (1977); preliminary profile A-B-C-D-E (1976)

57  *Dove* (1976) - plans in drawer SO-3
Client: St. Mary’s City Commission, St. Mary’s City, Maryland

- 57-H-1 Lines and offsets
- 57-H-2 Construction plan
- 57-H-3 Docking plan (1979)
- 57-F-1 Miscellaneous fittings
- 57-F-2 Furniture
- 57-R-1 Sail plan (negative in roll file B5)
- 57-R-2 Masts and spars
- 57-R-3 Sails
- 57-R-5 Sail plan (alternate with fore topsail)
- 57-R-4 Belaying plan
Specifications, Miscellaneous sketches
58  *William Baylies* (1976)  
Client: Old Dartmouth Historical Society  
Lines from model

59  *North Star* (1976)  
Client: Old Dartmouth Historical Society  
Lines from model

60  *Parrot* boat (jolly wat) for the *Dove* (1976) - plans in drawer SO-3  
Client: St. Mary’s City Commission

- 60-1 Lines  
- 60-2 Construction plan  
- 60-3 Sail plan and miscellaneous details

61  *Rose Dorothea* of 1905 (1977) - plans in drawer SO-3  
Client: Provincetown Association, Inc.

- 61-H-1 Lines and offsets (above water only)

62  Cruise Schooner (1977)  
Client: Paul H. Dunn  
Preliminary lines  
Preliminary sail plan

63  Ship Draught on Plank - plans in drawer SO-3  

- H-1 Roll file A1, negative in roll file B3  

64  *Sparrow-Hawk* (1978)  
Client: Pilgrim Society, Plymouth, Massachusetts  

- 64-1 Sail plan


66  Keelboat (1978) - plans in drawer SO-3  
Client: Company of Keelboatmen

- 66-SK-1 Study - lines and construction plan  
- 66-SK-2 Study - outboard profile  
- 66-SK-3 Study - lines and construction plan  
- 66-SK-4 Study - outboard profile  
- 66-H-1 Lines and offsets  
- 66-H-2 Construction plan  
- Side view/lines Roll file A3

67  Weymouth Back River Gundalow (1978)  
Report only

68  *Pleiades* of 1828 (1978), Hawksnest half model  
Study plan (incomplete, unsigned, undated)
Guide to The William A. Baker Collection

69  *Ernestina*/Effie M. Morrissey* (1978) - plans in drawer SO-3  
Client: National Trust for Historic Preservation  
SK69-1  Sail plan comparison  
SK69-2  Proposed sail plan  
69-R-1  Sail plan  
69-R-2  Masts and spars  
69-R-3  Mast heads  
69-R-4  Fife rails, boom and now sprit fittings (roll file A5)  
69-R-5  Gaff fittings  
69-R-6  Sails  
Bow detail (1980)

70  *Niantic* - plans in drawer SO-3  
Client: National Trust for Historic Preservation

71  24 foot Pinnace ca. 1700-1750 (1979) - plans in drawer SO-3  
Client: Universal Studios  
71-1  Sail plan

72  *Niagara* (1979) - duplicate plans in drawer SO-3  
Client: Commonwealth of Pennsylvania Historical and Museum Commission  
Original plans owned by the Commonwealth of Pennsylvania  
72-1  Main deck  
72-2  Masts, bowsprit and jibboom  
72-3  Tops, crosstrees and caps - yards, boom and gaff  
72-4  Standing rigging  
72-5  Running rigging  
72-6  Rigging profile (negative in roll file B4)  
Belaying sketch  
Block details

73  *U.S.S. Constitution* (1980) - plans in drawer SO-3  
Client: U.S.S. Constitution Museum Foundation  
73-SK-1  Proposed structural exhibits  
73-H-1  Gun deck  
73-H-2  Botton framing  
73-R-1  Rigging exhibit - mast and yard  
73-R-2  Rigging exhibit - rigging

74  *Los Tres Reyes Magos* (1979) - duplicate plans in drawer SO-3  
Client: St. Augustine Restoration Foundation, Inc.  
Original material sent to St. Augustine Restoration Foundation, Inc.  
74-SK-1  Outline profile and sections  
74-SK-2  Outline profile and sections  
74-SK-3  Outline profile and sections  
74-SK-4  Lines  
74-SK-5  Lines  
74-SK-6  Lines  
74-SK-7  Sail plan
| 74  | 74-H-1   | Lines                  |
|     | 74-H-2   | Offsets               |
|     | 74-S-1   | Sections              |
|     | 74-S-2   | Structural profile    |
|     | 74-S-3   | Main deck             |
|     | 74-S-4   | Upper deck            |
|     | 74-S-5   | Focsl, half and poop decks |

| 75  | 75-1-D   | Lines                  |
|     | 75-2-D   | Arrangement and construction plan |
|     | 75-3-D   | Sail plan              |
|     | 75-SK-1  | Profile - single deck  |

*Elizabeth* of ca. 1584 (1979) - duplicate plans in drawer SO-3
Client: American Quadricentennial Corporation, Chapel Hill, North Carolina
Plans completed by Stanley Potter
Preliminary plans
**Vessel Designs: Plans Not on List**

Belfry for *Hart* bell (1964)
- pencil plan - roll file B6

*Gracie S.*, San Francisco pilot boat - 3 plans
- lines and profiles - roll file C2

Figures from *The New Mayflower* and its model kit - drawer O-5

Illustrations from books - drawer 0-5

15’ - 6” waterlength boat, no date
- pencil sketch - drawer O-5

*Port Royal* of 1670 (1973)
- pencil sail plan - drawer O-5

*Flying Cloud* (1951)
Lines traced from model by W. P. Gannett, Scituate
Boat built by Chester F. Spear, Scituate, 1939
- 2 drawings - drawer O-5

Maps drawn for *Bath History*
- 2 duplicates - drawer O-5

Duplicates of design 42A
Plates drawn for *Bath History*
- 10 plans - drawer O-5

MIT student plans and sketches, 1932-1934 - drawer Z-3
Related material: senior thesis
- 3 pages encapsulated hand-written notes (no date)
- 40 ft. LWL sloop: lines. MIT course XIII (1932)
- 40 ft. LWL sloop: accommodation plan (1932)
- 40 ft. LWL sloop: construction plan, class “N” (1932)
- Sail plan: class “N” sloop (1932)
- Lines (January 19, 1933)
- Inboard profile (1933)
- Midship section showing solid floor construction and superstructure (1933)
- Fore peak bulkhead and bow framing (1933)
- Shelter deck plating (1933)
- Scotch boiler (1933)
- I.P. piston engine M-8 (1933)
- Connecting rod-upper end (1933)
- Cargo gear (no date)
- Senior year project: 21 knot coastwise steamship (1934)
- Piping diagram (1934)
- 3 blade propeller (1934)
• Suction and discharge piping (1934)
• Steam and exhaust piping (1934)
• Unidentified sketch: lines (no date)
• “Marine engine valve design” (no date)
• Zeuner valve diagram (1934)

3 matted pen and ink sketches of vessels - drawer Z-3
• 3 masted ship (1937)
• Brig *Reaper of Salem* of 1823 (1937)
• Privateer *Swift of Salem* of 1783 (no date)
• U.S. brig *Boxer* of 1831 (1939), negative

BSC plans drawn by WAB: see BSC plan list for specifics - drawer Z-3
Vessel Designs: Plans - Research and Reference Related

14C  Gjøa
6 plans from Works Progress Administration, Smithsonian Institution, United States National Museum, Historic American Merchant Marine Survey no. 16-9; 9 plans by Honey for Gjøa model

14E  Mayflower II
1 color print of Mayflower, painted for Plimouth Plantation by Marshall W. Joyce, ca. 1967; photographs of model, construction, and vessel; 3 plans of Mayflower model designed by R. C. Anderson, drawn by C. A. Pritchard

18  Virginia
2 plans of the model by Carl M. Langbehn (1957); 2 copies of lines of 30-ton pinnace developed from sketch by WAB (1957) by C. M. Langbehn

31  Welcome
2 plans from Camper & Nicholsons, Ltd., Southampton (1964)

32  Newburyport Model
3 sheets of lines by Andrew Davidhazy (1961); 3 pencil sketches (Davidhazy?)

40A  Deliverance
6 plans of the reconstruction design by Cyril K. Smith (1966)

41  Hannah
Poster (1968): continental armed schooner, 1775 with sail plan, lines and history

42  Carolina
Reproduction of original 18th century (?) plan

44  Pilot
Reproductions of 2 original Burgess, Swasey and Paine plans, design no. 258 (1924)

50  Essex
Reproduction of original Humphrey plans (12th century): profile and midship section

51  Brilliant
3 plans for Edson rig (1974); 3 pages of a draft of his majesty’s sloop Druid, ex Brilliant (1776)

68  Pleiades
Bowdoinham hawks-nest model by Reed Walker, Richmond, Maine

69  Ernestina, ex Effie M. Morrissey
Reproductions of 3 plans redrawn by Greg Platzer
Niantic
Plans as she was found May, 1978, at Sansome and Clay Streets, San Francisco, cross-sections of the *Niantic*, looking forward

Niagara
7 contract drawings by Meyers, Krider, Werle & Ellenberger, Erie, Pennsylvania (1963); 4 Chapelle plans (1939)

U.S.S. Constitution
Print of Boston Harbor from Constitution Wharf by Robert Salmon from the U.S. Naval Academy Museum; Print of “Old Ironsides” by Charles Robert Patterson (1925)

Elizabeth II
Reproductions of 19 Stanley Potter plans (ca. 1982)
**SERIES DESCRIPTION**

- SERIES IV -

**NOTEBOOKS: BINDERS**

An index exists in the front of each binder, providing a complete guide to its contents.

**Book A**
Design data for reconstructions by WAB
Proportions of small vessels
Merchant vessels (1627)
17th Century rigging proportions and frame siding
Designs: 14E, 16, 17, 27, 29, 31, 34, 42, 43, 47, 48, 49, 50, 51, 53, 57, 60, 73, 75

**Book B**
Excerpts from publications
Marine: shallops to shipbuilding

**Book C**
Shipbuilding contracts
Design data
Construction details
Tonnage

**Books D**
Type descriptions
Dictionary definitions
Marine information

**Book M**
Old type descriptions and details
Design discussions
Plans of older vessels
Plans of modern vessels
Notes

**Book R**
Inventories
Masting and rigging
Fittings
Painting and decoration
Accommodations
Food and supplies
Notebooks: Small Books

Book 1  Lecture and recitations notes from physics classes at MIT (1930-1932)

Book 2  MIT Course XIII notes (1931-1934)

Book 3  MIT and BSC Notes
Areas, volumes, moments, integration rules; geometry of ships; capacities, tonnage and load lines; transverse stability; longitudinal stability; subdivision of ships; strength of ships; launching and dry docking; rolling and pilching; turning of ships; speed and power; propellers; design and estimating

Book 4  BSC Workbook
Notes; figures; historical information and sketches on ship construction; naval architecture; ship design; marine engineering; and special welding notes

Book 5  BSC Notebook
Naval architecture formulas and notes; steering; charge numbers; hull and project numbers; hull numbers with information including vessel name and client for Fore River, Sparrow’s Point, San Francisco, Staten Island, and San Pedro Yards; tankers sketches and figures from Shipbuilding Cyclopedia (1920)

Book 6  BSC
Notes, sketches, lists of ships, some historical information on yard equipment; loss of weight in paints; naval architecture formulas; sketches of hull numbers 4306, 4337, 1474, 4332; old vessels from A.B.S. (1940); C-3 ships converted to airplane carriers; figures of tankers; sketches of engine rooms and boiler rooms; welding

Book 7  BSC
Figures, notes with vessel numbers, and sketches on airports; areas of lightening holes; anchor gear; ballast material; boats and boat handling; weights; booms, kingposts and masts; deck covering; deck machinery; doors; electrical; hatch covers; deck outfits; hull fittings; insulation; joiner work; ladders; manholes

Book 8  Baker Designs
Notes, sketches, graphs and figures on early shipbuilding and rigging; items from Paine’s Catalogs; Pilgrim ships; Vasa; nautical references; lists of vessels; disposition of old Fore River plans, after World War II; hours spent on plans for Mayflower II, Welcome, Hannah, Dove, and Susan Constant (not a WAB design)

Book 9  Design List
Plan index by number; plans and vessel information; lists by type of vessel (large vessels, rigging, reconstruction, small craft, for models, for illustrations)
An index exists in the front of each box, providing a general guide to its contents.

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- SERIES VI -

PUBLICATIONS AND LECTURES

Publications and Lectures: Writings and Publications

Drafts of articles published in Mariner’s Mirror:
“Pity the Welder.” Marine Engineering March 1939.
“Shipbuilding in Colonial America by Joseph A. Goldenberg.” Technology and Culture 17 (1976)
**Publications and Lectures: Conferences and Lectures**


Lectures, 1960-1980

“American Vessels Prior to 1800”

“Chinese Craft: North to South”

“Gold in California”

“Maritime Preservation”

“The Market Boats: The Coastal Trade North of Cape Cod”

“Ships of the 17th Century”


“The Preservation of Chesapeake Bay Watercraft.” Annapolis: SNAME Chesapeake Bay Sailing Yacht Symposium, January 1977.


Publications and Lectures: Second Donation Material

Albion Festschrift (1974-1975)
Bath History: publicity, reviews, comments (1966-1980)
Bath History: correspondence (1966-1981)
Colonial Vessels reviews (1962-1965)
Engine Powered Vessels publicity (1965-1969)
Gateway to the Sea exhibit (1980)
Lectures (1957-1980)
Lecture papers (1950's, 1978-1979)
Lore of Ships/Lore of Sails (1963-1965, 1983)
Manuscripts: writings and lectures (1940's-1980)
Mayflower II publications (1955-1956)
Mayflower and Other Colonial Vessels manuscripts
Mayflower and Other Colonial Vessels illustrations
Mayflower and Other Colonial Vessels Conway Maritime Press (1982-1983)
The New Mayflower reviews and correspondence (1955-1975)
Old Dartmouth Historical Society Seminar on whaling (1972)
Schooner Symposium (1973)
Seafaring in Colonial Massachusetts (1975)
The Second Mayflower by Charlton (1957)
Sloops & Shallops manuscripts.
"Development of Wooden Ship Construction." (SNAME, 1955)
"On the Development of Ship Forms." (SNAME, 1947)
New England section of SNAME (1942-1950)
Honorary membership in SNAME (1980)
SNAME Discussions (1938-1976)
Steam Whaling in the Western Arctic (1977)
Hart Nautical Collections: 6 files
## Series Description

- **Series VII** - Scrapbooks

### Scrapbooks

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<td>Travel: news clippings, photographs (1972-1973)</td>
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<td>Travel: news clippings, photographs, including <em>Gjøa</em> photographs (1974-1975)</td>
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<td>Baker design book A3, including plans, photographs and clippings for designs 40, 40A, 42, 43, 44, 48, 49, 50, 51, 52, 53, 56, 57, 60, 62, 63, 64, 69, 70, 71, 72, 73, 74, 75</td>
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MEMORABILIA

- Carved wooden knife
- Animal horn
- Bethlehem Steel pay stubs (1934–1935)
- Boy Scout certificates (1925)
- Insignia, 2 containers
- Registered Engineer, Boy Scouts, Bethlehem Steel, and Delta Upsilon cards
- St. Olav's Medal.
- 2 Eagle Scout badges
- Red, white and blue triangular signal flag
- Red and white ribbon
- Boy Scout merit badge sash
- Label: Baker, Wm. 22-11
- Masonic decree for Elisha A. Baker (1847)
- “Citizens Military Training Camp” (1932)
- 2 certificates from the Massachusetts Department of Education (1937, 1941)
- 2 pamphlets from WAB’s high school graduation exercises (1927, 1930)
- Delta Upsilon invitations (1930)
- Sketch of Camp Keemosahbee (no date)
- MIT medallion
- Drafting instrument
- Wooden keel from a model
- Wooden model of dugout canoe for ketch *Adventure* (1970)
Guide to The William A. Baker Collection

\*Appendix A\*

- Library Collection -

**Library Collection: Books**


Attwood and Copper. *A Textbook of Laying Off or the Geometry of Shipbuilding*. 1918.


Brewington. *Chesapeake Bay: A Pictorial Maritime History*, 1956, with insert pamphlet by Brewington on Chesapeake Bay Sailing Craft, 1966.


Danske bedtyper opmalt og beskrevet af Christian Nielsen (with a summary in English “Danish Coastal Boat Types”) Host & Sons Forlag, [1974].


Tyler. Steam Conquers the Atlantic. 1939.

Tyler. The Bay and River Delaware. 1955.


The Engineer. January 5, 1872.
The Engineer. Vol. XL, No. 1, January 1, 1903; Vol. XXXIX, No. 8, April 15, 1902.
The Engineer. Vol. XXXVIII, No. 529, June 15, 1901.
### Appendix B

#### Plan Inventories

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| A1       | WAB design 63: Scribed board (6' x 2') from the James Maxwell House, Warren, Rhode Island  
Client: Massasoit Historical Association  
63-H-1 Lines of an 18th century vessel (1977) - negatives in roll file B3 |
| A2       | Single screw tanker *Socony Vacuum* (H-4333, 4332)  
BSC plan drawn by WAB  
Blueprint of scantling plan (1938) |
| A3       | WAB design 68: *Pleiades* Hawksnest half model study  
Side view/lines |
| A4       | WAB design X: tunnel stern scow  
X-1 Plan (1946) |
| A5       | WAB design 69: schooner *Ernestina*, ex *Effie M. Morrissey*  
69-R-4 Fife rails, boom and bowsprit fittings (1978) |
| A6       | Russian auxiliary cruiser *Lena* (1896)  
Built by R. & W. Hawthorn Leslie & Company, Ltd.  
378-6936 Poop, bridge and forcastle plan  
378-6937 Upper deck plan  
378-6939 Sheer draught lines |
| B1       | Barque *Annie Johnston* (Union Iron Works, 1910)  
113-10708 Profile and deck plan  
113-10709 Lines, displacement and other curves (taken from ship) |
| B2       | WAB design 63: Scribed board (6' x 2') from the James Maxwell House, Warren, Rhode Island  
Client: Massasoit Historical Association  
63-H-1/63-H-2 Lines (negatives) |
| B3       | WAB design 49: *Beaver II*  
49-1 Rig (negative) |
| B4       | WAB design 72: *Niagara*  
Rigging profile negative |
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| B5       | WAB design 57: Dove  
Sail plan negative |
| B6       | Belfry for Hart bell (1964) |
| C1       | 7m. schooner to carry oil in bulk for Union Oil Company  
405-12094  
Sheer-1/2 breadth and body plan |
| C2       | San Francisco pilot boat Gracie S.  
Lines and profiles (3 plans) |
| C3       | U.S.S. Olympia and U.S.S. Oregon  
1339-39785  
30' gig whaleboat  
1339-35790  
29' whale boats  
1337-39769  
32' sailing launch |
| C4       | Cruiser No. 5 (Union Iron Works, 1889)  
1470-42190  
Berth deck planking |
| C5       | 3730-ton twin screw steel cruiser U.S.S. Charleston (Union Iron Works, 1887)  
1398-41056  
Shell expansion |
| C6       | Freight (cattle) ferry boat: Oakland to Baden for the Southern Pacific Company  
(Union Iron Works, 1888)  
402-12198  
Lines/profile |
| D1       | Piedmont passenger ferry no. 5 (Union Iron Works, no date)  
Deck and sheer plan |
| D2       | 3730-ton twin screw steel cruiser U.S.S. Charleston (Union Iron Works, 1887)  
1398-41059  
Upper and main deck plating plan |
**Plan Inventories: Rolled Plans (Shelf Storage)**

7m. schooner (Union Iron Works, no date)
405-12103 Pumping arrangement

Express steamer for Pacific Coast Steamship Company (Union Iron Works, 1902)
396-10957 Decks

Proposed steamer for P.M.S.S. Company (Union Iron Works, 1904)
396-10965 Profile and decks

Proposed steamer (Union Iron Works, 1904)
396-10966 Midsections

*S.S. Santa Rosa* (Union Iron Works, no date)
392-3754 General arrangements

Stern wheel steamer *Potrero* (Risdon Iron Works, 1899)
19337 Arrangement of machinery

*S.S. Spokane* (Union Iron Works, 1902)
1438-42372 General arrangements

*Otto Gildermeister* (Union Iron Works, 1901)
242 3887 Lower topsail yard crane and sling
242 3888 Royal sling and mast band
242 3896 Mizzen mast cap
242 3897 Details of rigging
242 3900 Upper topgallant sling and mast band
242 3902 Fore and main topmast cup
242 3903 Upper topsail crane-sling and mast band
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- INVENTORY OF SECOND DonATION -

**Vessel Designs: Files**

Files may include correspondence, news clippings, photographs, and other publicity-related materials.

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Manuscripts -- design proposals
Guide to The William A. Baker Collection

**Personal Correspondence**

BSC and SNAME (1941-1959)
Historical Ships and Preservation, National Trust for Historic Preservation (1976)
NASOH bibliography sheet (1981)
National Trust for Historic Preservation press releases (1976)
Correspondence and drafts: Ronnberg Tribute (1982-1983)
Correspondence: Sam Svensson (1954-1966)
*Satan's Peril* (1981)
WAB biographical (1930-1985)
Correspondence: military (1929-1942)
Personal material: WAB and RSB (1925-1982)
Photographs of WAB (1948-1980)

**Publications and Lectures**

Albion Festschrift (1974-1975)
Bath History: publicity, reviews, comments (1966-1980)
Bath History: correspondence (1966-1981)
Colonial Vessels reviews (1962-1965)
Engine Powered Vessels publicity (1965-1969)
Gateway to the Sea exhibit (1980)
Lectures (1957-1980)
Lecture papers (1950's, 1978-1979)
Lore of Ships/Lore of Sails (1963-1965, 1983)
Manuscripts: writings and lectures (1940's-1980)
*Mayflower II* publications (1955-1956)
Mayflower and Other Colonial Vessels manuscripts
Mayflower and Other Colonial Vessels illustrations
Mayflower and Other Colonial Vessels Conway Maritime Press (1982-1983)
The New Mayflower reviews and correspondence (1955-1975)
Old Dartmouth Historical Society Seminar on whaling (1972)
Schooner Symposium (1973)
Seafaring in Colonial Massachusetts (1975)
The Second Mayflower by Charlton (1957)
Sloops & Shallops manuscripts.
"Development of Wooden Ship Construction." (SNAME, 1955)
"On the Development of Ship Forms." (SNAME, 1947)
New England section of SNAME (1942-1950)
Honorary membership in SNAME (1980)
SNAME Discussions (1938-1976)
Steam Whaling in the Western Arctic (1977)
Hart Nautical Collections: 6 files
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**Scrapbooks**

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MEMORABILIA

- Carved wooden knife
- Animal horn
- Bethlehem Steel pay stubs (1934–1935)
- Boy Scout certificates (1925)
- Insignia, 2 containers
- Registered Engineer, Boy Scouts, Bethlehem Steel, and Delta Upsilon cards
- St. Olav's Medal.
- 2 Eagle Scout badges
- Red, white and blue triangular signal flag
- Red and white ribbon
- Boy Scout merit badge sash
- Label: Baker, Wm. 22-11
- Masonic decree for Elisha A. Baker (1847)
- “Citizens Military Training Camp” (1932)
- 2 certificates from the Massachusetts Department of Education (1937, 1941)
- 2 pamphlets from WAB’s high school graduation exercises (1927, 1930)
- Delta Upsilon invitations (1930)
- Sketch of Camp Keemosahbee (no date)
- MIT medallion
- Drafting instrument
- Wooden keel from a model
- Wooden model of dugout canoe for ketch *Adventure* (1970)
Portfolio

- Certificate for St. Olav's Medal (1949)
- 7 cards by WAB showing Barque Tryal of Boston from 1690
- Sloops & Shallops: 35 original drawings and sketches with lists by WAB
- Colonial Vessels: 50 original drawings redrawn or copied for *Mayflower* and Other Colonial Vessels by WAB.
- Certificates (1931-1990)
- Photograph of *Adventure* and *Dove* in Maryland (1980)
- WAB's MIT diploma (1934)
- Photograph of SNAME Annual Banquet in Boston (1954)
- SNAME Certificates (1933, 1946)
- Note from Paule Loring (1967), with issue of *The Rhode Islander* (August 6, 1967)
- Drawing of *Charles W. Morgan*, signed by CAMM members (1981)
- Personal scrapbook (1925-1935)

Photographs and Certificates

- Avíza shallop (no date)
- Sloop *Flying Cloud* (1951)
- Ruth Stuart, Salem Willows Harbor (1935)
- *Mayflower II* at sail (no date)
- Mynikin (1954)
- *Adventure* in Charleston, South Carolina (1970)
- WAB and Alan Villiers on *Mayflower II* (April 1957)
- WAB and RSB at Plimoth Plantation (no date)
- *Mayflower II* and shallop at night (June 1957)
- Clipping from *The Patriot Ledger* (November 6, 1969)
- Certificate to WAB for designing *Middlesex* (1975)
- SNAME Honorary Membership certificate (1980)

Slides

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7  Travel: Puerto Rico - Bahamas - Bermuda - shallops
8  Travel: England and *Mayflower II* - Greece - Yugoslavia
Library Collection: Books


Hingham Yacht Club 50th Anniversary Year Book. 1895-1945.


Report of the South Carolina Tricentennial Commission.


*Yachts by Herreshoff*. Bristol, Rhode Island: Herreshoff Manufacturing Corporation, no date.
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