A guide to the C.A. Thayer (built 1895; schooner, 3m) restoration records, 1972-2016

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A Guide to the C.A. Thayer (built 1895; schooner, 3m) restoration records

HDC1765

San Francisco Maritime National Historical Park, National Park Service

2016, National Park Service

Title: C.A. Thayer (built 1895; schooner, 3m) restoration records
Date: 1972-2016
Date (bulk): 1998-2007
Identifier/Call Number: HDC1765 (SAFR 24806)
Creator: San Francisco Maritime National Historical Park (Agency : U.S.)
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Building E, Fort Mason
San Francisco, CA 94123
Abstract: The C.A. Thayer (built 1895; schooner, 3m) restoration records, 1972-2016, bulk 1998-2007, (SAFR 24806, HDC 1765) consist of 5.4 linear feet of documents, photographs, audiocassettes, and VHS tapes as well as 20,892 digital files comprised mainly of San Francisco Maritime National Historical Park (SFMNHP) project management documents created during the 2003-2007 C.A. THAYER restoration construction project. The collection has been processed to the File Unit level and is open for use.
Physical Location: San Francisco Maritime NHP, Historic Documents Department
Language(s): In English.
Access
This collection is open for use unless otherwise noted.
Publication and Use Rights
Some material may be copyrighted or restricted. It is the researcher's obligation to determine and satisfy copyright or other case restrictions when publishing or otherwise distributing materials found in the collections.
Processing Note
The collection level extent is an estimate of the item count. Due to the National Park Service's Interior Collection Management System (ICMS) database limitations in describing the collection extent, the system currently only allows reporting the extent in terms of a single value in either linear feet or individual item count. The collection is made up of 5.4 LF of paper documents, photographs, audiocassette tapes, and VHS tapes as well as 20,892 digital files. The linear feet was multiplied by a standard of 1600 items per LF for an item count of 8,640 items. This count was added to the 20,892 digital files for a final item count of 29,532. The Series and File Unit descriptions consist of a more detailed and accurate breakdown of the collection extents.
Duplicate digital files that appeared in the same folder were removed. When digital files not organized into subfolders by the staff member from whom the files were collected were found to duplicate files that had been organized into subfolders, the unsorted files were not preserved. In some cases, an entire folder with files that duplicated those within another folder were not retained for preservation. However, some duplicate digital files remain in the collection. They may have come from different sources, or they are from the same source but could have been used for different purposes.
The descriptions in this collection guide were compiled using the best available sources of information. Such sources include the creator's annotations or descriptions, collection accession files, primary and secondary source material and subject matter experts. While every effort was made to provide accurate information, in the event that you find any errors in this guide please contact the reference staff in order for us to evaluate and make corrections to this guide.
Please cite the title and collection number in any correspondence with our staff.
Preferred Citation
[Item description], [Location within collection organization identified by Collection Number/Series Number/File Unit Number/Item Number], HDC1765 (SAFR 24806), C.A. Thayer (built 1895; schooner, 3m) restoration records, San Francisco Maritime National Historical Park
Acquisition Information
SAFR-02383
SAFR-02514

The primary accession (SAFR-02383) consisted of paper documents acquired from the office of Michael Bell, Project Manager, in August 2015. In addition, his electronic records were captured from his computer hard drive and the park shared network server in December 2015 and February 2016. The paper documents were received in multiple folders with no formal arrangement.

An additional accession (SAFR-02514) consisted of paper documents acquired from the office of Robbyn Jackson, Chief of Cultural Resources and Museum Management, in November 2015. The documents were received in one large folder. Her electronic documents were captured from her computer hard drive in May 2016.

Historical or Biographical Note

The wooden-hulled, three-masted schooner C.A. THAYER was built in 1895 at Hans D. Bendixsen's shipyard in Fairhaven, California. Originally designed to carry lumber, she also served in the Alaska salmon and codfishing industries. With her final codfishing voyage in 1950, C.A. THAYER became the last operating American commercial sailing vessel on the West Coast. Today she is preserved at San Francisco Maritime National Historical Park as the last surviving example of a West Coast lumber schooner.

1895 July 9  Launched at Hans D. Bendixsen's shipyard in Fairhaven, California.
1895-1912  Operated by the E.K. Wood Lumber Company for use in the lumber trade.
1924-1931  Purchased by Captain J.E. Shields of the Pacific Coast Codfishing Company of Poulsbo, Washington, for use in the Bering Sea codfishing industry.
1932-1942  Laid up at Lake Union, Seattle, Washington.
1942-1945  Requisitioned by the United States Army for use as a barge.
1946-1950  Repurchased by Captain Shields for use in the Bering Sea codfishing industry.
1954-1957  Purchased by Charles McNeal for use as a beached "pirate ship" attraction at Hood Canal, Washington.

C.A. THAYER's 1895 lumber schooner design was modified over the years to suit her career in the fishing industry and as an army barge. Since becoming a museum vessel in 1957, C.A. THAYER has undergone various haulouts and repairs with the ultimate goal of restoring her to her original 1895 appearance.

Her restoration began in May 1957 at the Lake Union Drydock Company in Seattle, Washington, to prepare her for sailing to San Francisco, California. She underwent more extensive work before she opened to the public at Hyde Street Pier in 1963. By 2003, dry rot threatened the structural integrity of her 108-year-old hull. She was drydocked from December 2003 to April 2007 for major restoration work where approximately 80% of her lumber was replaced. Since then, the aft house has been rebuilt, and in 2016 she received new masts and rigging.


Collection Scope and Content

The C.A. Thayer (built 1895; schooner, 3m) restoration records, 1972-2016, bulk 1998-2007, (SAFR 24806, HDC 1765) consist of 5.4 linear feet of documents, photographs, audiocassettes, and VHS tapes as well as 20,892 digital files comprised mainly of San Francisco Maritime National Historical Park (SFMNHP) project management documents created during the 2003-2007 C.A. THAYER restoration construction project. The collection has been processed to the File Unit level and is open for use.

The collection contains documents primarily created during the planning and 2003 to 2007 construction work for the rehabilitation of C.A. THAYER (built 1895; schooner, 3m). The records include research and reference materials from as far back as 1972 and records covering the planning for the project starting in 1998. The collection contains documents and photographs in both physical and digital forms, as well as audiocassettes and a VHS videotape.

The major C.A. THAYER restoration work, which involved replacing approximately 80% of her lumber, was completed as part of PMIS 5588, package SAFR 643. The construction contract was awarded to Bay Ship & Yacht Co. of Alameda,
California. After towing to the Bay Ship & Yacht Co. shipyard in December 2003, C.A. THAYER was placed in a cradle atop house-moving dollies. She was rolled onto a barge that was towed around the coast of Alameda to the site of the former Alameda Naval Air Station where she was placed inside a aircraft hangar for the duration of the construction work until 2007. Workers patterned new pieces for the vessel directly from the deteriorated wood they removed.

Architect and engineering services were provided during the project by BMT Designers & Planners, Inc. They were involved with the value analysis report, lumber lists, cost estimates, drawings, and other tasks. Allen C. Rawl, Inc., a subcontractor for BMT Designers & Planners, Inc., provided construction management support. The National Park Service entered into an interagency agreement with the Defense Logistics Agency, part of the United States Department of Defense, to purchase wood for the rebuild through prime vendor Sylvan Forest Products. Other National Park Service staff from the Denver Service Center, Golden Gate National Recreation Area contracting, and Pacific West Region office were also involved with the project.

The materials in the collection were created by Park staff and collected from the contractors involved in the restoration project. They cover various stages of the project, including initialization, planning, execution, and monitoring. Some items consist of contracts and task orders; timber or lumber lists and acquisition documents; budget and invoicing documents; vessel drawings; photograph documentation; and various reports such as the environmental assessment and value analysis.


**Collection Arrangement**

The collection is arranged into two series by the office from which the materials originated: Series 1. Project Manager files and Series 2. Chief of Cultural Resources and Museum Management files.

**Subjects and Indexing Terms**

- Schooners
- Historic ships
- Ships--Preservation
- Ships--Reconstruction
- Ships--Maintenance and repair
- Maritime museums
- C.A. Thayer (built 1895; schooner, 3m)
- San Francisco Maritime National Historical Park (Agency : U.S.)
- Bay Ship & Yacht Co.
- BMT Designers & Planners, Inc.
- Allen C. Rawl, Inc.
- San Francisco (Calif.)
- Alameda (Calif.)
- Agreements
- Audiocassettes
- Color negatives
- Color prints (photographs)
- Color slides
- Contracts
- Correspondence
- Digital file formats
- Drafts (documents)
- Memorandums
- Photocopies
- Reports
- Administrative records


Extent: 5.04 linear feet (69 folders of paper documents; 47 audiocassettes; 281 photographs in 411 physical forms and 1 VHS videocassette); 18,891 digital files (31.64 GB) captured from networked and local hard drives and 1,654 digital files (5.74 GB of data from 13 Compact disks)

Scope and Content Note
Consists of paper and electronic files created and collected by the SFMNHP Project Manager concerning C.A. THAYER drydockings and the major restoration project.

Arrangement
Arranged into 2 Subseries by format (physical and digital).

Provenance
Collected from the office of Michael Bell, SFMNHP Project Manager.

Box 1-5, 7-12

Extent: 398 items (69 folders; 47 audiocassettes; 281 photographs in 411 physical forms; 1 VHS videocassette)

Scope and Content Note
Consists of paper files, photographic prints and negatives, audiocassette recordings, and videocassettes created and collected by the SFMNHP Project Manager primarily during the C.A. THAYER major restoration project. Also contains documents concerning drydockings prior to and after the 2003-2007 rebuild construction work.

Primarily contains contracts, correspondence, memorandums, reports, and other documents concerning various aspects of the major C.A. THAYER restoration project, including timber acquisition, architect and engineer services, compliance, funding, and more. Contains recorded meetings with, email correspondence with, and documents created by contractors involved in the project, including Bay Ship & Yacht Co.; BMT Designers & Planners, Inc.; Allen C. Rawl, Inc.; NPS Denver Service Center; and Defense Logistics Agency and their subcontractor Sylvan Forest Products.


Arrangement
Arranged into 6 Subsubseries by drydocking.

Provenance
Some of the folders in this Subseries were collected by Project Manager Michael Bell from SFMNHP staff members Bill Thomas (Superintendent), Fred Sheppard (Engineer Technician), Stephen Rogers (Chief of Facility and Ship Management), and possibly other staff; however, the source of each folder was not labeled.

Box 1, 12

Extent: 1 folder

Scope and Content Note
Consists of contracting documents and survey reports from C.A. THAYER drydockings in the 1980s.

Arrangement
Single File Unit.
Box 1, 12

File Unit 01. **Drydockings and surveys binder, 1978-1989**

- **Extent:** 1 folder.
- **Physical Description:** 14 color negatives, 35mm, and 1 folder of documents.
- **Scope and Content Note**
  
  Consists of documents primarily related to C.A. THAYER drydockings in the 1980s.
  
  Includes the following divisions:
  
  - 1980 drydocking: invitation for bids and specifications for bottom maintenance and other repairs, IFB 8140-79-03; requisition form for contract number CX 8140-9-0005.
  - C.A. Thayer 1988-1989 drydocking: documents related to drydocking at Richardson Bay Boatworks and Ways, contract CX 8140-7-0021; drydocking at Pacific Dry Dock and Repair Company, contract CX 8140-9-0002; and architect and engineering services by Tri-Coastal Marine, contract CX 8140-5-0022. Includes memorandums regarding leaks and worm shoe repair; requisition forms; invoices; completion report for contract CX 8140-7-0021 to repair the topsides of C.A. THAYER, October 6, 1987-January 27, 1988; modification 1 to contract CX 8140-9-0002; emergency operations plan for C.A. THAYER due to leaks, 1988; and other documents. Also includes 14 color negatives, 35mm, showing C.A. THAYER in drydock.

Box 1, 7-8, 12

Subseries 1.1.2. **1995 drydocking, 1994-1995**

- **Extent:** 177 items (1 folder of paper files; 176 photographs in 220 physical forms)
- **Scope and Content Note**

  Consists of contracting documents from the 1995 drydocking of C.A. THAYER at Bay Ship & Yacht Co. shipyard in Alameda, California. Also includes photographs of C.A. THAYER under tow and while in the drydock.

- **Arrangement**

  Arranged into 2 File Units.

Box 1

File Unit 01. **1995 drydocking contracts, 1994-1995**

- **Extent:** 1 folder.
- **Scope and Content Note**

  Consists of documents related to the 1995 drydocking of C.A. THAYER. Includes a plan for desired work to be accomplished on C.A. THAYER, 1994-1995; statement of work for the 1995 haul out and repair; solicitations from San Francisco Drydock, Inc., Bay Ship & Yacht Co., and Sloat & Associates (1443-RP-8520-95-016); memorandum identifying SFMNHP ship inspectors during the contract period; modification 1 to contract number 1443-CX-8520-95-009 with Bay Ship & Yacht Co. for additional work during drydocking; and BMT Designers & Planners, Inc. quote for C.A. THAYER drydock assessments and survey (1443 CX 8520-92-003).

Box 1, 8

Extent: 31 items (6 folders of paper files; 25 photographs in 25 physical forms)
Scope and Content Note
Consists of contracting documents, daily logs, and survey reports from the 1998 drydocking of C.A. THAYER at Bay Ship & Yacht Co. shipyard in Alameda, California. Also includes photographs of C.A. THAYER while in drydock.
Arrangement
Arranged into 5 File Units.

Box 1

File Unit 01. 1998 drydocking contracts, D5217, 1998
Extent: 3 folders.
Scope and Content Note
Consists of a request for proposals for the 1998 drydocking of C.A. THAYER for repairs (solicitation number 1443RP-8520-98-016) and the 1998 contract to drydock C.A. THAYER for repairs (1443CX-8520-98-005). Includes correspondence between NPS and Bay Ship & Yacht Co.; a memorandum appointing SFMNHP employee Fred Sheppard as Contracting Officer’s Representative; a justification for proposed modification; and modification 1 of the contract.

Box 1

File Unit 02. 1998 drydocking planning and project design files, D20, 1998
Extent: 1 folder.
Scope and Content Note
Consists of contracting and inspection documents from the 1998 drydocking of C.A. THAYER, contract number 1443 CX-8520-98-005. Includes unit price contract and Bay Ship & Yacht Co. invoice number 5094; two additional work proposals from Bay Ship & Yacht Co.; Bay Ship & Yacht Co. paint inspection record; cost comparison breakdowns to paint the forecastle crew quarters; condition found reports; and C.A. THAYER docking plan, drawing number 990057-1, drawn by Joel Welter.


<table>
<thead>
<tr>
<th>Box 1</th>
<th>File Unit 03. <strong>1998 drydocking construction program files, D22, 1998</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Extent:</strong> 1 folder.</td>
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<td><strong>Scope and Content Note</strong></td>
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<tr>
<th>Box 1</th>
<th>File Unit 04. <strong>1998 drydocking and NMMA survey report, 1993-1998</strong></th>
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<tbody>
<tr>
<td></td>
<td><strong>Extent:</strong> 1 folder.</td>
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<tr>
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<td><strong>Scope and Content Note</strong></td>
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<td></td>
<td>Consists of the statement of work for the 1998 drydocking of C.A. THAYER and a memorandum on the final inspection report of the drydocking. Also includes correspondence related to the 1998 National Maritime Museum Association’s C.A. THAYER condition survey report (see Subsubsubseries 1.1.5.3, File Unit 1, for the final report). Other documents include correspondence and memorandums related to early plans for the restoration of C.A. THAYER (1993-1994); reported leaks and hogging (1995-1998); 1995 pentachlorophenol sampling tests; 1995 safety inspection; and a four year timeline for rehabilitation (no date).</td>
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</tbody>
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<tr>
<th>Box 8</th>
<th>File Unit 05. <strong>1998 drydocking photographs, 1998 October 29 or November 2</strong></th>
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<tr>
<td></td>
<td><strong>Extent:</strong> 25 photographs (25 physical forms).</td>
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<td><strong>Physical Description:</strong> 25 color photographic prints, 5 x 7 in.</td>
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<td><strong>Scope and Content Note</strong></td>
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<td>Consists of photographs of C.A. THAYER in drydock at the Bay Ship &amp; Yacht Co. shipyard in Alameda, California. Shows Bay Ship &amp; Yacht Co. staff repairing and repainting the hull.</td>
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</tbody>
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<tr>
<th>Box 1, 10</th>
<th>Subseries 1.1.4. <strong>2001 drydocking, 2001-2002</strong></th>
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<tbody>
<tr>
<td></td>
<td><strong>Extent:</strong> 5 items (4 folders; 1 VHS videocassette)</td>
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<tr>
<td></td>
<td><strong>Scope and Content Note</strong></td>
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<tr>
<td></td>
<td>Consists of contracting documents, daily logs, underwater survey, and correspondence from the 2001 drydocking of C.A. THAYER at Bay Ship &amp; Yacht Co. shipyard in Alameda, California.</td>
</tr>
<tr>
<td></td>
<td><strong>Arrangement</strong></td>
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<td></td>
<td>Arranged into 5 File Units.</td>
</tr>
</tbody>
</table>

Box 1  File Unit 01.  **2001 drydocking public relations, A38, 2001-2002**

Extent: 1 folder.

Scope and Content Note

Box 1  File Unit 02.  **2001 drydocking planning and project design files, D20, 2001**

Extent: 1 folder.

Scope and Content Note
Consists of documents related to the accident that occurred while returning C.A. THAYER to Hyde Street Pier after the 2001 drydocking at Bay Ship & Yacht Co. shipyard, contract number C8520-01-0027. Includes September 2001 correspondence with Bay Ship & Yacht Co. regarding repairing the damage caused during the accident. Also includes copies of a report of survey completed by Teicheira Maritime Surveyors and an incident report by Westar Marine Services.

Box 1  File Unit 03.  **2001 drydocking construction program files, D22, 2001-2002**

Extent: 1 folder.

Scope and Content Note
Consists of logs and reports related to the 2001 drydocking of C.A. THAYER at Bay Ship & Yacht Co. shipyard, contract number C8520-01-0027. Includes daily log of construction, June 29-August 29, 2001, as well as the completion report for the drydocking. Also includes a notice of solicitation for proposals for the drydocking; summary of a walk-thru with San Francisco Drydock Inc. and Bay Ship & Yacht Co. contractors, May 31, 2001; responses to Bay Ship & Yacht Co. questions with hog measurements and condition found reports attached; labor standards interviews with Bay Ship & Yacht Co. employees; tugboat subcontractor deficiency report; and correspondence with International Marine Underwriters.

Box 1  File Unit 04.  **2001 drydocking contract, D5217, 2001**

Extent: 1 folder.

Scope and Content Note
Consists of contracting documents related to the 2001 drydocking of C.A. THAYER at Bay Ship & Yacht Co. shipyard, contract number C8520-01-0027. Includes notice of solicitation for proposals; contract scope of work and modifications; memorandum appointing SFMNHP staff member Fred Sheppard as Contracting Officer’s Representative; Bay Ship & Yacht Co. invoices; and correspondence regarding returning C.A. THAYER to drydock for additional repairs.

Box 10  File Unit 05.  **Taut wire survey video, 2001 July 6**

Extent: 1 videocassette (1 physical form).

Physical Description: 1 VHS videocassette.

Scope and Content Note
Consists of a VHS videocassette containing underwater footage of a taut wire survey on C.A. THAYER by Vortex Diving Inc., subcontracted by Bay Ship & Yacht Co.
Box 1-5, 9-12


Extent: 183 items (56 folders of paper files; 47 audiocassettes; 80 photographs in 166 physical forms)

Scope and Content Note

Consists of documents created during the planning and execution of the C.A. THAYER major restoration project. Includes documentation of the search for and acquisition of lumber to replace C.A. THAYER's deteriorated wood; planning documents related to scope, budget, compliance, and more; and contracting documents with BMT Designers & Planners, Inc. for architect and engineer services and with Bay Ship & Yacht Co. for the construction work.

Arrangement

Arranged into 4 Subsubseries by subject emphasis.

Box 1-2

Subseries 1.1.5.1. **Timber and lumber acquisition, 1989-2008**

Extent: 9 folders

Scope and Content Note

Consists of documents created during the search for and acquisition of timber and lumber for the major rebuild of C.A. THAYER. Includes contracting documents with Defense Logistics Agency, lumber lists, material inspection and receiving reports from contractor Sylvan Forest Products, and other supporting documents.

Note: There may be additional timber related documents in Subsubseries 1.1.5.3.

Arrangement

Arranged into 7 File Units.

Box 1

File Unit 01. **Defense Logistics Agency catalog, 1989 April**

Extent: 1 folder.

Scope and Content Note


Box 1

File Unit 02. **C.A. Thayer lumber testing and replacement timber search, 1991-2000**

Extent: 2 folders.

Scope and Content Note


Also includes documents related to the restoration of WAWONA and comparisons to the restoration of C.A. THAYER as well as an August 25, 1996, Los Angeles Times newspaper article primarily about WAPAMA titled "That sinking feeling: rotting schooner symbolizes San Francisco's old ship collection, beset by lack of funds and neglect."
Box 1

File Unit 03. Timber search, 1993-2001
Extent: 1 folder.

Scope and Content Note
Consists of memorandums related to the search for sources of timber and lumber needed for the restoration of C.A. THAYER. Includes a provisional lumber list and rational for prioritization of the lumber list, November 1993; lumber requirements for rebuilding C.A. THAYER, October 27, 1995; draft committee report language recommending that the Secretary of Agriculture provide timber for use in the restoration (not dated); memorandum dated December 11, 1997, by Dave Houck regarding a trip to Covelo, Mendocino County, to inspect timber offered to the National Maritime Museum Association; memorandum dated December 11, 1998, by Rob Kier regarding a site tour of an area of Redwood National and State Park to estimate the volume of usable downed trees; outline of the activities and actions taken by SFMNHP to identify and acquire timber, June 26, 2000; and a memorandum regarding the requirement of yellow cedar lumber, July 23, 2001.

Box 1

File Unit 04. Timber search and lumber list, 1993-2001
Extent: 1 folder.

Scope and Content Note

Also includes a summary of a meeting discussing the partnership between SFMNHP and the National Maritime Museum Association in the early stages of the restoration, September 20, 1998; correspondence from DLA regarding possible alternatives to the use of borates for exterior preservatives, October 12, 2000; correspondence regarding deck planking requirements, December 11, 2000; ”Appendix A: C.A. THAYER Timber List by Size” and ”Appendix B: C.A. THAYER Timber List by Piece” from the BMT Designers & Planners, Inc. report “Task 1: Pre-Design and Site Analysis,” June 29, 2000 draft; information on Wood-Mizer sawmills; and two reference articles about timber harvesting.

Box 2

File Unit 05. Defense Logistics Agency contract, 2000-2008
Extent: 2 folders.

Scope and Content Note
Consists of documents related to the interagency acquisition agreement between the National Park Service and the Defense Logistics Agency (DLA) for the purchase of lumber for the restoration of C.A. THAYER. Includes the original contract scope of work and contract modifications 1, 2 and 3. Also includes email correspondence, funds log, and other supporting documents.
Box 2  File Unit 06.  **Timber received, 2001-2005**  
Extent: 1 folder.  
Scope and Content Note  
Consists of documents related to the acquisition of timber and lumber for the restoration of C.A. THAYER. Consists of material inspection and receiving reports for lumber, September 2001, August 2002, and July 2003-April 2004 (Sylvan Forest Products, prime contractor; Defense Supply Center Philadelphia, administrator); correspondence from Sylvan Forest Products and North West Wood, Ltd. regarding summary of knee order events, 2004; and other documents related to Sylvan lumber orders.

Box 2  File Unit 07.  **Timber purchasing, 2007 July-October**  
Extent: 1 folder.  
Scope and Content Note  
Consists of documents concerning the purchase of timber for the C.A. THAYER restoration through vendor Sylvan Forest Products. Includes a SFMNHP requisition form; individual acquisition plan and rational document; justification for other than full and open competition; and aft house and forward house lumber list.

Box 2  Subseries 1.1.5.2.  **BMT Designers & Planners, Inc. architect and engineer services, 1999-2007**  
Extent: 5 folders  
Scope and Content Note  
Consists of contracting documents for architect and engineer services by BMT Designers & Planners, Inc. (D&P) during the planning and construction phases of the C.A. THAYER rebuild. Also includes drafts of reports prepared by D&P.  
Note: There may be additional architect and engineer services documents in Subsubsubseries 1.1.5.3.  
Arrangement  
Arranged into 4 File Units.

Box 2  File Unit 01.  **A&E task order and price proposals, 2001-2006**  
Extent: 1 folder.  
Scope and Content Note  
Consists of documents primarily related to contracts with BMT Designers & Planners, Inc. (D&P) for architect and engineer services during the planning and construction phases of the C.A. THAYER restoration, including drafts of task order GS-23F-0024K scope of services as well as detailed cost proposals from D&P. Also includes cost proposals from Allen C. Rawl, Inc. for subcontractor tasks and from Richard K. Anderson, Jr. of Cultural Resource Documentation Services for HABS/HAER documentation drawings. Other documents includes modification 2 of contract CX 8520-97-001 and modification 10 of task order T8520020076, both with D&P, as well as two invoices for CX 8520-97-001. Additional documents include requisition forms for contractor Bay Ship & Yacht Co., contract number CX8520030052.
Extent: 32 folders
Scope and Content Note
Consists primarily of documents created prior to towing C.A. THAYER to Alameda, California, to start the major restoration construction work. Contains documents related to the project's scope, budget, compliance, value analysis, and more.
Arrangement
Arranged into 21 File Units.
Box 2


Extent: 3 folders.

Scope and Content Note

Consists of reports and publications about C.A. THAYER.

Includes the following:


Box 3

File Unit 02. **Preservation articles and other museum vessel projects, 1989-2000**

Extent: 1 folder.

Scope and Content Note

Consists of photocopies and originals of articles and memorandums concerning preservation techniques, restoration, and construction of other museum vessels, including CONSTELLATION, CONSTITUTION, ENDEAVOR, JEANIE JOHNSTON, and Northwest Seaport's schooner WAWONA. Material related to C.A. THAYER includes the memorandum "Proposal for Feasibility Study, Dry-Berthing of WAPAMA and THAYER at Victorian Park," a program from the Alamo Rent A Car Preserve and Protect American Project opening ceremony at Hyde Street Pier on March 29, 1994, and a National Maritime Museum Association brochure to raise funds for the restoration of C.A. THAYER circa 1994.

Box 3

File Unit 03. **Reference articles on wood preservation, 1989-2001**

Extent: 2 folders.

Scope and Content Note

Consists of various articles about wood for shipbuilding, wooden structure preservation, treatment processes, and C.A. THAYER rudder stock research. Also includes a facsimile of "Rules for the Construction and Classification of Wood Ships" published by the American Bureau of Shipping in 1943 and a copy of the newspaper article "Restorers are missing the boat: Time, weather and neglect let historic ships wither away" by Walt Wiley, Sacramento Bee, December 1, 1985, about WAPAMA (steam schooner).
Box 3  File Unit 04. **Estimated costs and funding, 1995-2001**
Extent: 1 folder.
Scope and Content Note
Consists of documents related to the Office of Management and Budget capital asset plan and justification form (OMB-300b) and cost estimates for the C.A. THAYER restoration project.

Box 3  File Unit 05. **FY98 OMB-300B, 1998-2000**
Extent: 2 folders.
Scope and Content Note
Consists of documents related to the Office of Management and Budget form OMB-300b regarding planning, budgeting and acquisition of capital assets. Includes email correspondence; supplemental data to the information sheet, June 24, 1999; project data sheet, 1999; information on the construction project review process and guidance for filling out the OMB-300b; construction planning fund request, June 3, 1999; drafts of a memorandum with the subject "Restoration of the Schooner C.A. Thayer," November 20 and 23, 1998; correspondence from the National Maritime Museum Association to Senator Dianne Feinstein, March 10, 2000; correspondence to Congressman Ralph Regula regarding the delayed report on C.A. THAYER's condition, 2000; capital asset plan and justification drafts, March 18, 1999, August 9, 1999, and undated; drafts of the 1999 Appropriations Committee directive information sheet, August 31, 1998, February 3 and 11, 1999, and June 24, 1999; and other documents.

Box 3, 9  File Unit 06. **FY98-FY00, 1998-2000**
Extent: 2 folders.
Scope and Content Note
Consists of various documents related to the C.A. THAYER restoration from fiscal years 1998, 1999, 2000. Includes reference materials from Robert Ross (supervisory research general engineer at USFS Forest Products Laboratory) concerning testing wood in historic structures; notes from a September 16, 1998 meeting; Development Advisory Board construction project review process information and Pacific West Region FY2000 line item planning information; memorandums concerning preliminary proposals on changes to be made to the current configuration of the C.A. THAYER during the projected rebuild, December 2, 1998, and concerning the discussion of alternative approaches to the C.A. THAYER rebuild, January 5, 1999; documents concerning proposed project phasing and proposed timber purchasing as well as a list of timber by piece; project review report draft and capital asset plan and justification draft, both from February 6, 2000; order for supplies or services, modification 1, and task order to provide A/E services for C.A. THAYER rehabilitation, contract number 1443CX 8520-97-001; correspondence regarding damage to starboard top sister keelson, 2000; and additional correspondence and other documents. Also includes two color photographs, 5 x 7 in., of the stern of C.A. THAYER while in drydock (possibly in 1995).

Box 3  File Unit 07. **Construction questionnaire, 1998-2000**
Extent: 1 folder.
Scope and Content Note
Consists primarily of drafts of a FY2001 construction questionnaire (capability statement) for the purchase of lumber to be used in phase one of the restoration of C.A. THAYER.
Box 3

File Unit 08. **Value analysis and other drafts, 1998-2001**

Extent: 1 folder.

Scope and Content Note

Consists of a draft of the value analysis study to restore C.A. THAYER, January 10, 2001; draft of three rehabilitation cost alternatives; draft project agreement between the NPS Pacific West Region, SFMNHP, Defense Logistics Agency, and the Department of Forestry (not dated); memo with the subject "C.A. Thayer - Search for Timber and Wood Requirements," June 26, 2000; meeting agenda and notes, January 10, 2001; miscellaneous handwritten notes; draft of the task order for BMT Designers & Planners, Inc. to provide architect and engineer services during the C.A. THAYER restoration, contract number 1443CX 8520-97-001 (not dated, but circa August 6, 1999); project data sheet and choosing by advantages report, 1999; restoration project brochure published by the National Maritime Museum Association; and SFMNHP visitors monthly public use report for December 1998.

Box 3

File Unit 09. **Value analysis and meeting notes, 1998-2001**

Extent: 1 folder.

Scope and Content Note


Box 3

File Unit 10. **Project review and value analysis, 2000-2001**

Extent: 1 folder.

Scope and Content Note

Consists of C.A. THAYER draft project review reports, January 10 and 22, 2001; value analysis study, January 17, 2001; under water hull coating system trade-off study (not dated); rehabilitation cost model (not dated); and rehabilitation cost estimate, December 11, 2000. Also includes documents related to the Development Advisory Board construction project review process and the October 31, 2000 submission deadline.

Box 3

File Unit 11. **Compliance, 2000-2002**

Extent: 1 folder.

Scope and Content Note

Consists of documents related to compliance requirements for the C.A. THAYER restoration project, including a draft "Historic Compliance Program Status Report and Plan" from January 1, 2002, and drafts of compliance costs.
Box 4

File Unit 12. **Work plan and project manual binder, 2001-2002**

Extent: 2 folders.

Scope and Content Note

Consists of various documents related to the C.A. THAYER restoration project. Includes the following divisions:


Meeting Notes: October 24, 2001, agenda and meeting notes.

Binder pocket: finding of no significant impact; draft schedule; education and outreach preliminary ideas; project agreement drafts between SFMNHP and the NPS Pacific West Region office, May 24, 2001; job description and scope of work for the restoration manager; comments on the rehabilitation contract by Park Superintendent Bill Thomas; and draft environmental assessment, December 17, 2001.

Box 4

File Unit 13. **Work plan, 2001-2002**

Extent: 1 folder.

Scope and Content Note

Consists of a memorandum titled "Work plan for rehabilitation of the schooner C.A. Thayer" from the SFMNHP Superintendent to the Acting Deputy Regional Director of the NPS Pacific West Region, January 14, 2002. Also includes drafts of the restoration work plan schedule covering 2001-2006, prepared November 29, 2001, December 19, 2001, and January 10, 2002, as well as a memorandum concerning comments on the project bid schedule, April 29, 2002. There are also drafts of two documents listing project teams (Technical, Education/Interpretation, Compliance/Nepa, etc.), team members, and team responsibilities, July 2, 2001 and January 15, 2002.

Box 4

File Unit 14. **Technical review committee, 2001**

Extent: 2 folders.

Scope and Content Note

Consists of lists of potential members for a technical review board to oversee the C.A. THAYER restoration project. Includes correspondence recommending the formation of the committee as well as contact information for potential members. Also includes copies of letters from SFMNHP Superintendent William G. Thomas to selected participants: Cindy Blackman, David White, Fred M. Walker, Tom McAllister, James P. Delgado, Jeff Kochanowicz, Tom Grace, John Martino, Jerry Kirchner, and Xiping Wang.

Box 4

File Unit 15. **Project agreement, 2001-2002**

Extent: 1 folder.

Scope and Content Note

Consists of drafts of the project agreement between the NPS Pacific West Region office and SFMNHP to identify their roles and responsibilities for the C.A. THAYER restoration project, PMIS 5588, package SAFR 643. Drafts are dated May 24, 2001 and January 22, 24, 28, and 29, 2002.
Box 4  File Unit 16. **Director's project approval, 2002 January-February**
   Extent: 1 folder.
   Scope and Content Note
   Consists of drafts of the Director's Project Approval form for the restoration of C.A. THAYER, PMIS 5588, package SAFR 643 (undated; January 24, 2002; and February 1, 2002). Also includes drafts of the restoration manager job description (January 20, 2002 and undated).

Box 4  File Unit 17. **Funds request, 2001-2002**
   Extent: 1 folder.
   Scope and Content Note
   Consists of copies of construction planning fund requests and purchase request drafts for the documentation of the existing condition of C.A. THAYER prior to her restoration and for an environmental review assessment, 2002. Also includes a document from SFMNHP project manager Michael Bell titled "Compliance Requirements for the NHL Schooner C.A. Thayer," September 21, 2001.

Box 4  File Unit 18. **Environmental assessment, 2002**
   Extent: 1 folder.
   Scope and Content Note
   Consists of three drafts of the C.A. THAYER Environmental Assessment dated April 27, April 17 and May 12, 2002.

Box 4  File Unit 19. **Development Advisory Board instructional documents and presentation, 1999-2001**
   Extent: 2 folders.
   Scope and Content Note
   Consists of computer color printouts of a version of the "C.A. Thayer Rehabilitation Package 643" PowerPoint presentation made by SFMNHP project manager Michael Bell at the Development Advisory Board (DAB) project review meeting on February 7, 2001. Also includes memorandums from DAB concerning instructional documents, project review meeting agendas, and meeting results.
Box 4

File Unit 20. **C.A. Thayer project binder, 1998-2005**

Extent: 4 folders.

Scope and Content Note
Consists of various documents related to the C.A. THAYER restoration project.
Includes the following divisions:
- No tab: documents related to costs and labor hours.
- Director's Approval: Director's construction project approval, 2004.
- DAB Misc.: checklist for submittals.
- Misc. Email Etc.: correspondence and various documents such as construction questionnaires; capital asset plan and justification; narrative of search for timber and wood requirements; Appropriations Committees directive information sheet; and others.
- PMIS Statement: PMIS Project Data Sheet.
- Binder pocket: draft of Bay Ship & Yacht Co. restoration plan July 15, 2004 (5th revision); June 10, 2004 production meeting minutes; and correspondence with Bay Ship & Yacht Co. regarding invoices and work proposals.

Box 4

File Unit 21. **Meeting agendas and notes, 2001**

Extent: 1 folder.

Scope and Content Note
Consists of meeting agendas and meeting notes related to the restoration of C.A. THAYER.

Box 4-5, 9-12

Subseries 1.1.5.4. **Bay Ship & Yacht contracting, 2001-2007**

Extent: 137 items (10 folders of paper files; 47 audiocassettes; 80 photographs in 166 physical forms)

Scope and Content Note
Consists of contracting documents from the major rebuild of C.A. THAYER by Bay Ship & Yacht Co. in Alameda, California. Includes the contract statement of work and formal clauses; additional work proposals; contract modifications; and cost summaries. Also includes audiocassette recordings of meetings held between National Park Service staff and the contractors, as well as photographs of C.A. THAYER in 2007 being towed out of the hangar where the construction work took place.

Arrangement
Arranged into 9 File Units.

Box 4

File Unit 01. **Contract SOW drafts, 2001-2002**

Extent: 2 folders.

Scope and Content Note
Consists of the C.A. THAYER restoration statement of work and technical specifications drafts as well as a draft of formal contract clauses. Also includes answers to questions submitted by contractors.
Box 5

File Unit 02. Restoration project specifications binder, 2001-2004

Extent: 3 folders.

Scope and Content Note
Consists of a compilation of documents related to the restoration of C.A. THAYER by Bay Ship & Yacht Co., contract number C8520030052.

Consists of the following divisions:
- Formal clauses of contract C8520030052.
- Statement of work and technical specifications.
- Bay Ship & Yacht Co. business and emergency response plan.
- Memorandum concerning a proposal for the installation of remote viewing cameras during the restoration.
- Task order for BMT Designers & Planners, Inc. to provide architect and engineer services, GSA GS-23F-0024K.
- Bay Ship & Yacht Co. C.A. THAYER restoration plan, revisions 1-5.
- Drawings of the ceiling stock optimization schematic, clamp schematic, as found stem profile, waterway layout, and sheer strake typical fastening pattern, as well as tables outlining the port and starboard framing take off and the ceiling plank removal with butt plan.

Box 5

File Unit 03. Bay Ship & Yacht Co. contract and cost summaries binder, 2003, 2007

Extent: 2 folders.

Scope and Content Note
Consists of a copy of contract number C8520030052 to restore C.A. THAYER and a copy of the notice to proceed with the contract work sent to Bay Ship & Yacht Co. on November 18, 2003. Also includes 2007 cost summary information of funds paid to Bay Ship & Yacht Co. between November 17, 2003 and April 19, 2007 for the construction work. Includes summary of costs by modifications, summary of Bay Ship & Yacht Co. invoices, and summary of costs by contract line item number (CLIN).

Box 5

File Unit 04. Contract modifications and invoices, 2004-2005

Extent: 2 folders.

Scope and Content Note
Consists of documents related to Bay Ship & Yacht Co. (BS&Y) invoicing and contracting for the C.A. THAYER restoration, contract number C8520030052. Includes BS&Y invoices; correspondence from BS&Y to National Park Service contracting staff regarding additional work proposals; contract modifications 5, 6, 8, 9, 10, 11, and 12; BS&Y funding review/project schedules by contract line item number (CLIN); copy of a Bay Design & Engineering drawing of modified keelson arrangement; BS&Y outstanding work proposals; summaries of pay estimates/balances; a BS&Y safety meeting report, October 7, 2004; and waivers signed by visitors to the worksite October 8, 2004.

Additional documents include a Conam Pacific Coast Testing certificate of inspection for radiography shots (x-rays) on keel, frames, keelson and rider keelson of C.A. THAYER, October 9, 2004 [see Subsubseries 1.2.3, File Unit 04, for CDs containing the images created by Conam]; invoices and correspondence regarding payment due to Alameda County Industries; scope of work for main deck detail construction plans, November 14, 2004; and PMIS project 113200 detail sheet (manufacture and install deck equipment and mooring arrangements), last updated March 9, 2005.
<table>
<thead>
<tr>
<th>Box 5</th>
<th>File Unit 05. <strong>Additional work proposals and contract modifications, 2004-2007</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extent:</strong> 1 folder.</td>
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<tr>
<td><strong>Scope and Content Note</strong></td>
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<tr>
<td>Consists primarily of documents from Fiscal Year 2007 (October</td>
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<tr>
<td>2006-September 2007), mostly concerning Bay Ship &amp; Yacht Co.</td>
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<tr>
<td>additional work proposals and contract modifications 18, 19, 20 and</td>
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<td>21 for the C.A. THAYER restoration, contract number C8520030052.</td>
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<tr>
<td>Also includes a summary by contract line item number (CLIN) of</td>
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<td>invoiced funds and the remaining balances as of October 23, 2006;</td>
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<td>schedules by CLIN for December 29, 2005, September 28, 2006, and</td>
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<tr>
<td>October 5, 2006; interferences inventory, issue 04; electrical</td>
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<tr>
<td>inventory, issue 02; and color computer prints of photographs of</td>
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<td>some of the interferences.</td>
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<tr>
<td>There are two maps of the route taken for moving C.A. THAYER from</td>
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<tr>
<td>the hangar where the construction took place to Bay Ship &amp; Yacht</td>
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<tr>
<td>Co. shipyard as well as correspondence between Bay Ship &amp; Yacht</td>
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<tr>
<td>Co. and SFMNHP Superintendent Kate Richardson regarding the</td>
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<td>schedule for returning C.A. THAYER to Hyde Street Pier. Also</td>
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<tr>
<td>includes correspondence with Sylvan Forest Products regarding</td>
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<tr>
<td>purchasing cap rail stock; correspondence from SFMNHP shipwright</td>
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<tr>
<td>John Conway regarding hatch strongbacks; correspondence from Bay</td>
<td></td>
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<tr>
<td>Ship &amp; Yacht Co. regarding unannounced staff visits to the</td>
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<tr>
<td>worksite; and correspondence from Wood Care Systems regarding</td>
<td></td>
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<tr>
<td>borate treatments.</td>
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</tbody>
</table>
A guide to the C.A. Thayer (built 1895; schooner, 3m) restoration records, 1972-2016

Box 11

File Unit 06. Production and post-production meeting recordings, 2004-2005

Extent: 47 audiocassettes.
Physical Description: 47 audiocassettes.

Scope and Content Note
Consists of 47 audiocassette tapes of recorded production meetings with National Park Service and Bay Ship & Yacht Co. staff as well as post-production meetings without the contractor present. Attendees (in person and via phone) include SFMNHP staff Michael Bell, Stephen Canright, Stephen Rodgers, Fred Sheppard, and other staff; Bay Ship & Yacht Co. staff Bill Elliott, Jim Hayes, Dan Jaworski, and Eric Balderston; NPS Denver Service Center staff Brian Lippert; BMT Designers & Planners, Inc. staff Malcolm Willis; and Allen and Liz Rawl of Allen C. Rawl, Inc. The meetings were recorded by technical consultants Allen and Liz Rawl, who then transcribed the tapes to create the meeting minutes (see Subsubseries 1.2.1.2, File Unit 01 for electronic copies of the minutes). Note that the contents of the tapes have not been reviewed in their entirety, and some of the tapes are labeled with the wrong date.

Item list:
01: May 13, 2004 production and post-production meetings. Side A.
02: May 20, 2004 production meeting. Side A.
03: May 20, 2004 post-production meeting. Side A. Note that there is a problem with playback at the beginning of the tape, but it clears up later.
04: May 27, 2004 production meeting. Sides A and B.
05: June 3, 2004 production meeting. Side A.
06: June 3, 2004 post-production meeting. Side A.
07: June 10, 2004 production meeting. Side A.
08: June 10, 2004 post-production. Side A.
09: June 15, 2004 follow up meeting to the meeting held on June 10. Begins with SFMNHP staff, then Bay Ship & Yacht Co. staff join the meeting. Sides A and B.
10: June 17, 2004 production meeting. Side A.
11: June 24, 2004 production and post-production meetings. Side A.
12: July 1, 2004 production meeting. Side A.
13: July 1, 2004 post-production meeting. Side A.
14: July 8, 2004 production meeting. Sides A and B. (Note that the user will need to fast forward to get to the side B material)
15: July 15, 2004 special meeting. Sides A and B.
16: July 15, 2004 special meeting. Sides A and B.
17: July 16, 2004 production meeting. Side A.
18: July 22, 2004 production meeting. Sides A and B.
19: July 29, 2004 production and post-production meetings. Sides A and B.
20: August 5, 2004 production and post-production meetings. Sides A and B.
21: August 12 and 19, 2004 production meetings. Sides A and B.
22: September 16, 2004 production meeting. Sides A and B.
23: September 23, 2004 production meeting. Sides A and B.
24: September 30, 2004 production meeting. Side A.
25: October 7 and 14, 2004 production meetings. Sides A and B.
26: October 21, 2004 production meeting. Side A.
27: November 4, November 10, and December 2, 2004 production meetings. Sides A and B.
28: January 6, 2005 production meeting. Sides A and B.
29: January 20, January 27, and February 3, 2005 production meetings. Sides A and B.
30: February 10, 17, and 24, 2005 production meetings. Sides A and B.
31: March 3 and 10, 2005 production meetings. Sides A and B.
32: March 17, 2005 production meeting. Sides A and B.
33: March 24 and 31, 2005 production meetings. Sides A and B.
34: April 7, 2005 production meeting. Side A.
35: April 7, 2005 production meeting and a post-production meeting on an unknown date. Side A.
36: April 14 and 28, 2005 production meetings. Sides A and B.
37: May 5, 2005 production meeting. Side A.
38: May 19, 2005 production meeting. Sides A and B.
39: May 26 and June 2, 2005 production meetings. Sides A and B.
40: June 16, 2005 production meeting. Side A.
41: July 1 and 14, 2005 production meetings. Sides A and B.
42: July 7, 2005 production meeting. Side A.
Box 9-10, 12; Digital preservation repository

File Unit 07. **Hangar to shipyard towing photographs, 2007 March 22-23**

- **Extent:** 27 photographs (56 physical forms).
- **Physical Description:** 27 color negatives, 35mm; 27 color photographic prints, 4 x 6 in.; 1 proof sheet; 1 compact disc with 27 JPEG files.
- **Scope and Content Note**
  Consists of photographs of C.A. THAYER being towed out of the Alameda, California, hangar where her restoration construction took place. Includes a photograph of Jeff Morris and project manager Michael Bell (Item 09).

Box 9-10, 12; Digital preservation repository

File Unit 08. **Hangar to shipyard towing photographs, 2007 March 22-23**

- **Extent:** 27 photographs (56 physical forms).
- **Physical Description:** 27 color negatives, 35mm; 27 color photographic prints, 4 x 6 in.; 1 proof sheet; 1 compact disc with 27 JPEG files.
- **Scope and Content Note**
  Consists of photographs of C.A. THAYER being towed out of the Alameda, California, hangar where her restoration construction took place and towing her on the streets of Alameda to the Bay Ship & Yacht Co. shipyard.

Box 9-10, 12; Digital preservation repository

File Unit 09. **Hangar to shipyard towing photographs, 2007 March 22-23**

- **Extent:** 26 photographs (54 physical forms).
- **Physical Description:** 26 color negatives, 35mm; 26 color photographic prints, 4 x 6 in.; 1 proof sheet; 1 compact disc with 26 JPEG files.
- **Scope and Content Note**
  Consists of photographs of C.A. THAYER being towed on the streets of Alameda, California, from the hangar where her restoration construction took place to the Bay Ship & Yacht Co. shipyard.

Box 5

Subseries 1.1.6. **2011 drydocking, 2010-2011**

- **Extent:** 1 folder.
- **Scope and Content Note**
  Consists of contracting documents from C.A. THAYER's 2011 drydocking.

Box 5

File Unit 01. **2011 drydocking contracts, 2010-2011**

- **Extent:** 1 folder.
- **Scope and Content Note**
  Consists of documents related to the FY2011 drydocking of C.A. THAYER. Includes two copies of "Technical Specifications for the Maintenance and Drydocking of the National Historic Landmark Schooner C.A. Thayer Fiscal Year 2011," PMIS No. 163946, dated March 25, 2011. Also includes individual acquisition plan and rational documents for PMIS numbers 16586 and 163946; purchase request draft and line item details for document number R8520110035, PMIS 163946; draft contract bid schedule; letter of compliance completion; and FY2011 drydock shipyard cost estimates. There is also one reference document: "Standard No. 17 Grading Rules for West Coast Lumber."

Extent: 20545 digital files (31.64 GB of data captured from the shared and local hard drives; 5.74 GB of data from 13 CDs)

Scope and Content Note
Consists of electronic files created and collected by the SFMNHP Project Manager primarily during the C.A. THAYER major restoration project. Also contains documents concerning C.A. THAYER's 1998 and 2011 drydocking.

Arrangement
Arranged in the following subseries:
1.2.1 Shared network drive digital files 1.2.1.1 PMIS 5588 rehabilitation project 1.2.1.2 2011 drydocking statement of work
1.2.2 Local desktop files 1.2.2.1 Line item rehabilitation project 1.2.2.2 2011 drydocking
1.2.3 Compact discs


Extent: 16871 digital files (30.08 GB)

Scope and Content Note
Consists of electronic files created and collected by the SFMNHP Project Manager and maintained on the Park's shared local network server in the following location: "FACILITIES and SHIPS\PROJECT FILES - BUSINESS CONFIDENTIAL NPS ONLY\FY 2012 - PROJECTS\C.A. Thayer - NHL Schooner C.A. Thayer." Within this folder were two subfolders with documents related to C.A. THAYER's major rebuild and her 2011 drydocking: "NHL C.A.Thayer-Project 5588 Rehab" (Subsubsubseries 1.2.1.1) and "NHL C.A. Thayer - FY11 Maintenance" (Subsubsubseries 1.2.1.2). There were also 3 digital files not organized into folders: two documents containing the statement of work for the 2011 drydocking (note: these two files are password protected and may not be accessible) and one 2004 draft of U.S. Coast Guard form CG-1258.

Arrangement
Arranged into 2 Subsubsubseries by original electronic folder. The 3 files that were found not organized into subfolders are not further arranged (described as part of Subsubseries 1.2.1).

Provenance
Files maintained by Project Manager Michael Bell on the Park's shared local network server.


Extent: 16848 digital files (30.08 GB)

Scope and Content Note
Consists of electronic documents related to the major rebuild of C.A. THAYER. The bulk of the material consists of files collected and created by technical consultant Allen C. Rawl, Inc. and by construction contractor Bay Ship & Yacht Co. Also contains files related to C.A. THAYER's 1998 drydocking and PMIS project summaries for various C.A. THAYER projects.

Arrangement
Arranged into 4 File Units.
File Unit 01. **Allen C. Rawl, Inc. documents, 1990, 2002-2006**

**Extent:** 3309 digital files (474 MB).

**Physical Description:** JPEG, MS Word, MS Excel, PDF, HTM, TXT, DWF, DWG, MS PowerPoint, TIFF, RTF, and unidentified files.

**Scope and Content Note**


Contains 9 subfolders and numerous files not organized into folders:

- **BIRKHOLTZ D’WGS:** copies of the existing condition drawings from the 1991 C.A. THAYER Historic Structure Report, sheets 1-7, drawn by D. Birkholz, Sr. in May 1990 (outboard profile, plan of decks, hold arrangement, inboard profile, midship section, piping system, and electrical system).

- **CAT-NPS PHOTOS:** January 2004 photographs of C.A. THAYER on a barge, being moved ashore, and inside the Alameda hangar where the rebuild construction took place.

- **Deficiencies-7-05:** photographs of what SFMNHP considered to be planking construction deficiencies in July 2005.

- **July 2005:** photographs of the removed rudder trunk and photographs of the remnants to the rudder and rudder stock with upper gudgeon visible in March 2005. Also includes photographs of the stem and views inside the hull on May 20, 2005.


- **Photos 06:** photographs by SFMNHP photographer Tim Campbell or Steve Danford of workers scraping pitch from the deck, bulwark stanchion sanding, and general views of the hull on April 24, 2006.

- **TEST BORINGS-SAFR-0407.JPG:** scanned copies of Sibert Technology paper tracing sheets from test borings on the stem, keel, gripe, dead-wood, horn timber, and sister keelson, March-April 2004.

- **TEST BORINGS-SAFR-0501.JPG:** scanned copies of Sibert Technology paper tracing sheets from sternpost drilling on January 25, 2005. Also includes photographs of the sternpost with drill areas marked and copies of email correspondence from SFMNHP shipwright John Conway who performed the drilling.

- **WAWONA-PHOTOS:** photographs taken aboard WAWONA (built 1897; schooner, 3m) of deck planking, transom framing, transom ports, and general details of construction on January 24, 2004.

Files not in subfolders: wide variety of documents, including copies of email correspondence between Rawl, NPS, and Bay Ship & Yacht Co. staff; meeting agendas and minutes; lumber lists, orders, and deliveries; daily logs of restoration activities by Rawl, Bay Ship & Yacht Co., and NPS staff; budget cost estimates and invoices; drawings; project schedules; additional work proposals from Bay Ship & Yacht Co.; contracting officer's directives; contract modification drafts; outstanding work proposals; and more.
Digital preservation repository

File Unit 02. **Bay Ship & Yacht Co. documents, 2003-2006**

Extent: 13520 digital files (29.6 GB).

Physical Description: JPEG, TIFF, MS Word, MS Excel, PDF, DWG, MPG, RTF, PSD, WMV, TXT, FH8, DWF, LOG, COE, and unidentified files.

Scope and Content Note

Consists of electronic documents created and collected by Bay Ship & Yacht Co. (BS&Y), construction contractor who preformed the major restoration work on C.A. THAYER in Alameda, California.

Contains nine subfolders:

- **EVENTS PHOTOGRAPHY**: photographs of C.A. THAYER's transit to the shipyard, drydocking, and move to the hangar site; staging construction; removal of the keelson, aft platform, pointer drift, and planking; lumber arrivals; knee removal and repair; keel straightening; quarterdeck house lifting; frame replacement; stem removal, templating, and fabrication; ceiling installation; centerline timber installation; hull planking; driving home the whiskey plank on April 21, 2006; tool room; BS&Y staff; newspaper and magazine articles about the restoration; Port engineers party in 2007; and "Ribs to Ribs" party on March 12, 2005. Also includes photographs taken throughout the restoration by Neil and Susan Silverman, 2004-2007. In addition, there is a folder of digital images used in a BS&Y presentation along with a draft script, 2007.
- **NPS Correspondence**: copies of email correspondence, primarily from Allen C. Rawl on the behalf of SFMNHP to BS&Y staff, 2004-2006.
- **NPS Drawings**: existing condition drawings (D. Birkholz, Sr., 1990), lines drawings, keelson sketches, and BMT Designers & Planners, Inc. transom and lumber chute plan and deck plan, 2004.
- **RFI’s**: requests for information sent by BS&Y to Allen Rawl, 2004.
- **Submittals**: copies of email correspondence regarding submittal numbers 31-39, 2004-2006.
- **Thayerdocphotos**: photographs documenting C.A. THAYER prior to and during the restoration, 2003-2005. Includes photographs of the ceiling and clamps; keelsons; fisherman foc'sl; bulwark cap; keel, stem, and rudder post; electrical panels and lighting; foc'sl deck; frames; forward deckhouse; hold, knees, and stanchions; hull; main deck; quarterdeck; transom; and more.
- **Transmittal Letters**: copies of email correspondence from BS&Y to NPS staff and Allen Rawl, 2004-2006.

Note: Many of the photographs in this File Unit duplicate those in Subsubseries 1.2.3, File Unit 02.

File Unit 03. **1998 drydocking statement of work, 1998**

Extent: 4 digital files (371 KB).

Physical Description: MS Word and unidentified files.

Scope and Content Note

Consists of electronic versions of the statement of work and cost estimates for the 1998 drydocking of C.A. THAYER.
Digital preservation repository

File Unit 04. **PMIS project summaries, 2001-2006**

Extent: 15 digital files (1.01 MB).
Physical Description: MS Word files.

Scope and Content Note
Consists of electronic versions of summaries of various PMIS projects related to the restoration of C.A. THAYER. Includes numbers 5588 (major restoration construction), 42243 (2001 drydocking), 94950 (rigging), 98258 (interpretive wayside signage replacements), 101350 (deckhouse reconstruction), 104327 (education program development), 111801 (utility systems installation), 113200 (deck equipment and mooring arrangements installation), 117932 (renewal of deck planking and installation of cargo hatches), 117943 (hull surface coatings), 117968 (deck caulking), 117970 (bulwarks installation), 121656 (restore interior and exterior structural hull features and finishes), 127861 (sail and rigging plan development), and 127862 (design and build accessible gangway).

Digital preservation repository

Subseries 1.2.1.2. **2011 drydocking statement of work, 2011**

Extent: 20 digital files (8.14 MB)

Scope and Content Note
Consists of electronic documents related to the FY2011 drydocking of C.A. THAYER, contract number P11PC00165. Primarily drafts of the statement of work and technical specifications for PMIS project 163946. Also includes the purchase request draft form; letter of compliance completion; and bid schedule with cost estimates.

Note: some of the files are password protected and may not be accessible. Also note that some of documents are duplicates of files not sorted into subfolders in Subsubseries 1.2.2 and files in Subsubsubseries 1.2.2.2.

Digital preservation repository


Extent: 2020 digital files (1.56 GB)

Scope and Content Note
Consists of electronic files created and collected by the SFMNHP Project Manager and maintained on his computer desktop. Within the desktop folder were two subfolders with documents related to C.A. THAYER’s major rebuild and the 2011 drydocking of C.A. THAYER: "C.A. Thayer Line Item Rehabilitation" (Subsubseries 1.2.2.1) and "CA THAYER 2011 SOW and Doc's" (Subsubseries 1.2.2.2).

There are also 27 digital files not organized into folders which primarily consist of documents related to the 2011 drydocking (PMIS project 163946 or 165-863). Includes cost estimates, contract bid schedule, statement of work/technical specifications, and justification for other than full and open competition. Also includes the statement of work to fit out and install the rudder and steering gear during the drydocking (PMIS 193-227). For additional 2011 drydocking files, see Subsubseries 1.2.1.2 and Subsubseries 1.2.2.2. Also included in the unsorted files is a scope of work to have the Defense Logistics Agency purchase wood, wood related products and materials for the rehabilitation of the C.A. Thayer, 2001.

Arrangement
Arranged into 2 Subsubseries by original electronic folder. The 27 files that were found not organized into subfolders are not further arranged (described as part of Subsubseries 1.2.2).

Provenance
Files maintained by Project Manager Michael Bell his computer hard drive.


<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>Subseries 1.2.2.1. Line item rehabilitation project, 1997-2007 (bulk 2000-2006)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 1979 digital files (1.54 GB)</td>
</tr>
<tr>
<td></td>
<td>Scope and Content Note</td>
</tr>
<tr>
<td></td>
<td>Consists of electronic files created during the planning and execution of the C.A. THAYER major rebuild project. The 31 subfolders within the &quot;C.A. Thayer Line Item Rehabilitation&quot; folder have been arranged into File Units. Includes documents such as the statement of work and technical specifications, drawings, environmental assessment, timber lists, contract modifications, photographs, reports, and more.</td>
</tr>
<tr>
<td></td>
<td>There are also 563 digital files located within the original &quot;C.A. Thayer Line Item Rehabilitation&quot; folder that were not organized into subfolders by the Project Manager. The files consist of a wide variety of documents related to the major restoration project.</td>
</tr>
<tr>
<td></td>
<td>Arrangement</td>
</tr>
<tr>
<td></td>
<td>Arranged into 31 File Units by original electronic folder. The 563 files that were found not organized into subfolders are not further arranged (described as part of Subsubsubseries 1.2.2.1).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 01. Contracting Officer's directive number 11, 2005-2006</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 4 digital files (125 KB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word files.</td>
</tr>
<tr>
<td></td>
<td>Scope and Content Note</td>
</tr>
<tr>
<td></td>
<td>Consists of electronic versions of a memorandum with the justification for Contracting Officer's directive number 11 to be incorporated into modification 15 of contract number C8520030052; Bay Ship &amp; Yacht Co. additional work proposal number 31; and correspondence with Bay Ship &amp; Yacht Co. directing them to proceed with directive 11 work.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 02. Deckhouse lumber, 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 3 digital files (109 KB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word files.</td>
</tr>
<tr>
<td></td>
<td>Scope and Content Note</td>
</tr>
<tr>
<td></td>
<td>Consists of lists of lumber needed for the restoration of the aft house and forward house of C.A. THAYER.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 03. Capital asset plan, 1998-2004</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 17 digital files (2.05 MB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word and MS Excel files.</td>
</tr>
<tr>
<td></td>
<td>Scope and Content Note</td>
</tr>
<tr>
<td></td>
<td>Consists of electronic versions of the capital asset plan and business case/justification for PMIS 5588, SAFR package number 643, for the restoration of C.A. THAYER.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 04. BMT Designers &amp; Planners, Inc. report, 2000-2001</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 7 digital files (1.80 MB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word, MS Excel, and unidentified files.</td>
</tr>
<tr>
<td></td>
<td>Scope and Content Note</td>
</tr>
<tr>
<td>Digital preservation repository</td>
<td>File Unit 05. <strong>BMT Designers &amp; Planners Inc. task order, 2004</strong></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Extent: 5 digital files (305 KB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word and MS Excel files.</td>
</tr>
<tr>
<td></td>
<td><strong>Scope and Content Note</strong></td>
</tr>
<tr>
<td></td>
<td>Consists of electronic versions of the scope of work for task order number T8520020076 for architect and engineer services during the restoration of C.A. THAYER. BMT Designers &amp; Planners, Inc. (D&amp;P) was tasked with providing deck and hull structure drawings and specifications as well as cost estimates. Also includes proposed changes to the task order by D&amp;P as well as a documents related to value engineering alternatives for the restoration.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 06. <strong>Director's project approval form, 2001-2002</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 6 digital files (219 KB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word files.</td>
</tr>
<tr>
<td></td>
<td><strong>Scope and Content Note</strong></td>
</tr>
<tr>
<td></td>
<td>Consists of electronic drafts of the Director's project approval form for PMIS 5588, SAFR package number 643, for the restoration of C.A. THAYER.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 07. <strong>Electrical layout and bilge plans, 2005-2007</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 9 digital files (1.30 MB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word, PDF and DWG files.</td>
</tr>
<tr>
<td></td>
<td><strong>Scope and Content Note</strong></td>
</tr>
<tr>
<td></td>
<td>Consists of electronic versions of drawings by BMT Designers &amp; Planners, Inc. (D&amp;P) of the electrical layout as well as the bilge and fireman pumping design of C.A. THAYER, 2007. These drawings were completed as part of task order T8520020076/0005. Also includes notes from a January 19, 2006, meeting between NPS and D&amp;P concerning the electrical and bilge plans. Note that the drawings are duplicates of the files on the CD in Subsubseries 1.2.3, File Unit 08.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 08. <strong>Environmental assessment, 2002 January 24</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 2 digital files (1.52 MB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word files.</td>
</tr>
<tr>
<td></td>
<td><strong>Scope and Content Note</strong></td>
</tr>
<tr>
<td></td>
<td>Consists of electronic versions of the 90% draft of the environmental assessment for the C.A. THAYER restoration project.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital preservation repository</th>
<th>File Unit 09. <strong>Government furnished materials, 2004</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Extent: 26 digital files (5.61 MB).</td>
</tr>
<tr>
<td></td>
<td>Physical Description: MS Word, MS Excel, and unidentified files.</td>
</tr>
<tr>
<td></td>
<td><strong>Scope and Content Note</strong></td>
</tr>
<tr>
<td></td>
<td>Consists primarily of lists of government furnished lumber for the C.A. THAYER restoration project. Includes lists of framing stock, orders, and additional requirements.</td>
</tr>
</tbody>
</table>
| Digital preservation repository | File Unit 10. **Defense Logistics Agency interagency agreement, 2004-2006**  
Extent: 9 digital files (621 KB).  
Physical Description: MS Word, MS Excel, and PDF files.  
Scope and Content Note  
Consists of electronic documents related to the interagency agreement between the National Park Service and the Defense Logistics Agency (DLA) for the purchase of lumber for the restoration of C.A. THAYER. Includes a scope of work; determinations and findings; Military Interdepartmental Purchase Request (MIPR) reports; budget information; and "Appendix A: C.A. Thayer Timber List by Size" and "Appendix B: C.A. Thayer Timber List by Piece" from the BMT Designers & Planners, Inc. report "Task 1: Pre-Design and Site Analysis," June 29, 2000 draft. |
| Digital preservation repository | File Unit 11. **Meeting agendas, 2001-2006**  
Extent: 31 digital files (1.92 MB).  
Physical Description: MS Word and MS Excel files.  
Scope and Content Note  
Consists of electronic versions of meeting agendas, primarily SFMNHP staff production team meetings. There is a separate folder with the August 11, 2005, progress meeting agenda and related documents that were discussed in the meeting. |
| Digital preservation repository | File Unit 12. **Contract modifications, 2006-2007**  
Extent: 27 digital files (1.56 MB).  
Physical Description: MS Word, MS Excel, and PDF files.  
Scope and Content Note  
Consists of electronic documents related to modifications 17, 18, 19, 20 and 21 of contract number C8520030052 for the restoration of C.A. THAYER.  
Contains four subfolders:  
CAT Mod 18: documents related to modifications 17 and 18.  
CAT Mod 19: documents related to modifications 18 and 19.  
CAT Mod 20: documents related to modification 20.  
CAT Mod 21: documents related to modification 21. |

Digital preservation repository

Extent: 1035 digital files (767 MB).
Physical Description: JPEG, TIFF, DWG, GIF, PNG, and MS Word files.

Scope and Content Note
Consists of digital photographs of C.A. THAYER during her major restoration in Alameda, California. Contains four subfolders:

CAT Photo Documentation: There are six subfolders and unsorted photographs consisting of the following:
C.A. Thayer March 2007 Bell: Photographs by SFMNHP project manager Michael Bell of C.A. THAYER being towed on the streets of Alameda, March 2007. [Note that the file names are incorrectly labeled 03-16. Likely taken March 23.]
Conway Photos: Photographs by SFMNHP shipwright John Conway of C.A. THAYER in the Alameda hanger, towing out of the hangar, and towing to Bay Ship & Yacht Co. shipyard.
Hull Oakes: Photographs of a site visit to the Hull-Oakes Lumber Co. sawmill in Monroe, Oregon, in December 2003.
Files not sorted into subfolders: Primarily show the towing of C.A. THAYER from a barge to the hangar in January 2004 and demolition work in February 2004. Also includes scanned copies of Sibert Technology paper tracing sheets from sternpost drilling on January 25, 2005.
CAT Photos April 2006: Consists of digital photographs of C.A. THAYER deck work, including caulking, while inside the hangar at Alameda, California, April 5, 2006.
CATImages: Consists primarily of digital photographs of C.A. THAYER moored at Hyde Street Pier prior to her major restoration, 1999, 2003. Also includes photographs of her donkey engine and inside the hold.
Note that some of the Michael Bell photographs also appear on a CD in Subsubseries 1.2.3, File Unit 09, and the Dave Duffin photographs also appear on a CD in Subsubseries 1.2.3, File Unit 10.

Digital preservation repository

File Unit 14. Project agreement, 2001-2002
Extent: 6 digital files (255 KB).
Physical Description: MS Word files.

Scope and Content Note
Consists of electronic drafts of the project agreement between the NPS Pacific West Region office and SFMNHP to identify their roles and responsibilities for the C.A. THAYER restoration project.

Digital preservation repository

File Unit 15. Project reports, 2004
Extent: 6 digital files (784 KB).
Physical Description: MS Word files.

Scope and Content Note
Consists of electronic versions of project report forms for the C.A. THAYER restoration.

A guide to the C.A. Thayer (built 1895; schooner, 3m) restoration records, 1972-2016  HDC1765 (SAFR 24806)  31
| Digital preservation repository | File Unit 16. **Statement of work and technical specifications, 2001-2003**  
Extent: 6 digital files (15.3 MB).  
Physical Description: MS Word files.  
Scope and Content Note  
Consists of electronic versions of the statement of work and technical specification for the C.A. THAYER major restoration project. |
| --- | --- |
| Digital preservation repository | File Unit 17. **Finding of no significant impact, 2002**  
Extent: 4 digital files (394 KB).  
Physical Description: MS Word files.  
Scope and Content Note  
Consists of electronic drafts of the finding of no significant impact (FONSI) document for the C.A. THAYER restoration project. |
| Digital preservation repository | File Unit 18. **Transom drawings, 2004**  
Extent: 8 digital files (309 KB).  
Physical Description: PDF files.  
Scope and Content Note  
Consists of electronic versions of the transom and lumber chute restoration plan drawings (8 sheets) prepared by BMT Designers & Planners, Inc. |
| Digital preservation repository | File Unit 19. **Fastenings x-ray images, 2004 October**  
Extent: 13 digital files (120 MB).  
Physical Description: JPEG files.  
Scope and Content Note  
Consists of digital data from the computerized radiography testing (x-rays) of a selection of the center-line fastenings completed by Conam Pacific Coast Testing. Some of the images are annotated.  
See Subsubsubseries 1.1.5.4, File Unit 04, for the Conam Pacific Coast Testing certificate for this work and related correspondence. See also Subsubseries 1.2.3, File Unit 04, for the CDs containing the original images created by Conam. |
| Digital preservation repository | File Unit 20. **Project overview, 1999**  
Extent: 6 digital files (245 KB).  
Physical Description: MS Word and MS Excel files.  
Scope and Content Note  
Consists of electronic documents containing the C.A. THAYER restoration project overview draft, costing abstract, and draft life cycle cost analysis graphs. |
| Digital preservation repository | File Unit 21. **Environmental assessment, 2001-2002**  
Extent: 32 digital files (51.5 MB).  
Physical Description: JPEG, MS Word, MS Excel, PDF, and unidentified files.  
Scope and Content Note  
Consists primarily of electronic drafts of the environmental assessment for the C.A. THAYER restoration project. |
| Digital preservation repository | File Unit 22. **Existing condition drawings, 2002**  
Extent: 23 digital files (25.7 MB).  
Physical Description: JPEG and TIFF files.  
Scope and Content Note  
Consists of electronic copies of the existing condition drawings from the 1991 C.A. THAYER Historic Structure Report drawn by D. Birkholz, Sr. in May 1990 as well as sketches of the 1895, 1945, and current configurations of the forward house. Also includes a scanned copy of pages from an agreement between Peter Mathews and Pacific Lumber Co. for the construction of a three-masted schooner, November 1892. |
| --- | --- |
| Digital preservation repository | File Unit 23. **FY1999 restoration planning, 1997, 1999**  
Extent: 23 digital files (749 KB).  
Physical Description: MS Word and MS Excel files.  
Scope and Content Note  
Consists of electronic C.A. THAYER restoration planning documents from fiscal year 1999. Includes a draft of the restoration project overview; 1999 Appropriations Committees directive information sheet and supplemental data; task order to provide architect and engineering services for the restoration by BMT Designers & Planners, Inc.; construction planning fund request; project data sheet; and capital asset plan and justification. Also includes a 1998 drydock job order request and information about FY2000 senate budget. |
| Digital preservation repository | File Unit 24. **FY2002 restoration planning, 2002**  
Extent: 12 digital files (47.2 MB).  
Physical Description: MS Word and PDF files.  
Scope and Content Note  
Consists of electronic C.A. THAYER restoration planning documents from fiscal year 2002. Includes versions of the capital asset plan and business case; environmental assessment drafts; scope of work and technical specifications for the restoration work; and a SFMNHP visitor brochure. |
| Digital preservation repository | File Unit 25. **Development Advisory Board presentation and submittals, 2000-2001**  
Extent: 69 digital files (65.7 MB).  
Physical Description: MS PowerPoint, MS Excel files, MS Word, JPEG, TIFF, and PDF files.  
Scope and Content Note  
Consists of the "C.A. Thayer Rehabilitation Package 643" PowerPoint presentation made by SFMNHP project manager Michael Bell at the Development Advisory Board project review meeting on February 7, 2001. Includes digital photographs used in the presentation. Also includes electronic versions of cost estimates; project review report; rehabilitation cost model; value analysis study; capital asset plan and justification; BMT Designers & Planners, Inc. report "Task 2: Design and Contracting Support"; a spreadsheet detailing costs of alternatives to the restoration location site, keel replacement, and copper sheathing the hull; and informational documents from the Development Advisory Board regarding the December 2000 construction project review meeting. |
| Digital preservation repository | File Unit 26. **Construction planning fund request, 2001-2002**  
Extent: 2 digital files (52.5 KB).  
Physical Description: MS Word files.  
Scope and Content Note  
Consists of two electronic versions of construction planning fund request forms to fund supplemental services during the C.A. THAYER restoration project. |
|---|---|
| Digital preservation repository | File Unit 27. **Line item construction planning, 2000**  
Extent: 6 digital files (685 KB).  
Physical Description: MS Word and MS Excel files.  
Scope and Content Note  
Consists of electronic informational documents from WASO and PWR regarding line item construction planning needs. |
| Digital preservation repository | File Unit 28. **Gross to net construction planning, 2001**  
Extent: 5 digital files (312 KB).  
Physical Description: MS Word, MS Excel, TXT, and unidentified files.  
Scope and Content Note  
Consists of information regarding the FY2002 Gross-To-Net Sheet for line item construction projects throughout the National Park Service. |
| Digital preservation repository | File Unit 29. **Stem profile drawing and strake logs, 2004**  
Extent: 3 digital files (417 KB).  
Physical Description: MS Excel and PDF files.  
Scope and Content Note  
Consists of the as-found stem profile drawing of C.A. THAYER, a hull strake butt log, and a list of individual strake widths. |
| Digital preservation repository | File Unit 30. **Pacific West Region and Development Advisory Board presentations, 2001, 2004**  
Extent: 4 digital files (20.9 MB).  
Physical Description: MS PowerPoint files.  
Scope and Content Note  
Consists of drafts of the rehabilitation project status PowerPoint slides presented by SFMNHP staff to the NPS Pacific West Region office in June 2004. Also includes a version of the PowerPoint presentation made by SFMNHP project manager Michael Bell at the Development Advisory Board project review meeting in February 2001. |
| Digital preservation repository | File Unit 31. **Timber purchase lists and scope of work, 2000**  
Extent: 7 digital files (1.24 MB).  
Physical Description: MS Word and MS Excel files.  
Scope and Content Note  
### Digital preservation repository

#### Subseries 1.2.2. 2011 drydocking, 2011

- **Extent:** 14 digital files (1.57 MB)
- **Scope and Content Note:**
  Consists of electronic documents related to C.A. THAYER's FY2011 drydocking. Includes the scope of work and technical specifications; letter of compliance completion; independent government cost estimates; contract bid schedule; individual acquisition plan and rational document for PMIS 163946 (drydocking) and PMIS 165863 (fabricate and install pointers); purchase request draft; and notice of award and notice to proceed sent to Bay Ship & Yacht Co. for contract number P11PC00165.
  
  **Note:** some of documents are duplicates of files in Subsubsubseries 1.2.1.2 and the files not sorted into subfolders in Subsubseries 1.2.2.


- **Extent:** 1654 digital files (13 compact discs with 5.74 GB of bagged data)
- **Scope and Content Note:**
  Consists of compact discs containing C.A. THAYER plans and drawings; x-ray photographs of center-line fastenings; photographs documenting C.A. THAYER in 2003 prior to beginning the major construction work; and photographs taken during and after construction work at the hangar in Alameda, California.
  
  **Arrangement**
  Arranged into 10 File Units by CD or groups of related CDs.

#### File Unit 01. Existing condition and drydocking plans, 1990, 2001

- **Extent:** 8 digital files (9.67 MB).
- **Physical Description:** 1 compact disc with PDF files.
- **Scope and Content Note:**
  Consists of electronic copies of plans from the SFMNHP architectural drawings collection (HDC 555, SAFR 18765). Includes the existing condition drawings from the 1991 C.A. THAYER Historic Structure Report, sheets 1-7, drawn by D. Birkholz, Sr. in May 1990 (outboard profile, plan of decks, hold arrangement, inboard profile, midship section, piping system, and electrical system) and a Bay Ship & Yacht Co. drydocking plan, July 18, 2001.

#### File Unit 02. Documentation photographs, 2003

- **Extent:** 1142 digital files (1.7 GB).
- **Physical Description:** 3 compact discs with JPG, PSD, MS Excel, and MPG files.
- **Scope and Content Note:**
  Consists of digital documentation photographs and videos of C.A. THAYER prior to her major restoration.
  
  The contents of the CDs are as follows:
  
  **A:** Photographs of the quarter deck cabin; quarter deck hardware documentation and steering gear removal; starboard midship deck pattern; and general topside views.
  **B:** Photographs of the hold ballast and stanchions; main deck hardware documentation and removal of the capstan, windlass chain, and anchor; and the removal of the bowsprit, mizzen, and foremast.
  **D:** Deckhouse documentation, removal, and general photographs as well as videos of the removal of the deckhouse, foremast, main deck, mizzenmast, and quarter deck. Also contains spreadsheets with the interferences inventory (issue 04) and electrical inventory (issue 02).
  
  **Note:** There was likely a CD marked "C," but it was not located as of May 2016.
  
  **Note:** Many of the photographs in this File Unit duplicate those in Subsubseries 1.2.1.2, File Unit 02.
| Box 10: Digital preservation repository | File Unit 03. **Alameda barge move photographs, 2004 January 13**  
Extent: 95 digital files (57.5 MB).  
Physical Description: 1 compact disc with JPEG, MS Word, and HTM files.  
Scope and Content Note  
Consists primarily of digital photographs of C.A. THAYER being moved from a barge to shore prior to being towed over land to the hangar where her restoration construction took place in Alameda, California. |
| Box 10: Digital preservation repository | File Unit 04. **Fastenings x-ray images, 2004 October**  
Extent: 40 digital files (2.898 GB).  
Physical Description: 2 compact discs with 190 various file types. The files on the CD were used to export 40 TIFF files of the x-ray images.  
Scope and Content Note  
Consists of digital data from the computerized radiography testing (x-rays) of a selection of the center-line fastenings completed by Conam Pacific Coast Testing. The testing produced 40 images of the keel, keelson, and riders at frames 10, 11, 31, 51, and aft of 51. The images were used to determine which fasteners needed to be replaced.  
Note: Because the images are only viewable using the CD software, the processing archivist exported the images to TIFF files and saved them in a separate folder.  
See Subsubsubseries 1.1.5.4, File Unit 04, for the Conam Pacific Coast Testing certificate for this work and related correspondence. See also Subsubsubseries 1.2.2.1, File Unit 19, for JPEG files of some of the x-rays. |
| Box 10: Digital preservation repository | File Unit 05. **Restoration progress presentation, 2005 March**  
Extent: 1 digital files (21.9 MB).  
Physical Description: 1 compact disc with a MS PowerPoint file.  
Scope and Content Note  
Consists of a PowerPoint presentation containing photographs of the C.A. THAYER restoration work. |
| Box 10: Digital preservation repository | File Unit 06. **HABS/HAER documentation, 2006**  
Physical Description: 1 compact disc with TIFF, DGN, HLN, PLT, TXT, and 000 files.  
Scope and Content Note  
There are six subfolders:  
CAD files: original MicroStation v8.1 CAD files.  
CADREFS: original MicroStation v8.1 CAD files essential for displaying and plotting drawings in CAD.  
RASTERREFS: raster reference files essential for displaying and plotting drawings in CAD.  
PLTDRIVER: HPGL/2 plotter driver file for MicroStation v8.1 set to use with the THAYER drawings.  
PLOTFILES: HPGL/2 monochrome plotfile for each drawing, produced by MicroStation.  
PLOTS: Monochrome raster images at 400dpi of each drawing, in TIF Group 4 compression format. |
A guide to the C.A. Thayer (built 1895; schooner, 3m) restoration records, 1972-2016

| Box 10; Digital preservation repository | File Unit 07. **USDA Forest Products Laboratory tour photographs, 2006 January**  
Extent: 86 digital files (570 MB).  
Physical Description: 1 compact disc with TIFF, JPEG, VOB, IFO, BUO, and PLS files.  
Scope and Content Note  
Consists of digital photographs and video footage taken during a tour led by SFMNHP staff members Stephen Canright and Steve Hyman aboard C.A. THAYER during her restoration. Includes shots of the construction work in progress and of men rolling oakum to be used in the caulking. The photographs were taken by Xiping Wang from the University of Minnesota Duluth and USDA Forest Products Laboratory (cite USDA Forest Products Laboratory if used for public display or publication purposes).  
Note: Duplicates of these photographs as well as correspondence between Xiping Wang and SFMNHP historic preservation specialist Steve Hyman are located in Series 2.2, File Unit 2. |
| Box 10; Digital preservation repository | File Unit 08. **Electrical layout and bilge plans, 2007**  
Extent: 5 digital files (832 KB).  
Physical Description: 1 compact disc with PDF and DWG files.  
Scope and Content Note  
Consists of electronic versions of drawings by BMT Designers & Planners, Inc. of the electrical layout and the bilge and fireman pumping design of C.A. THAYER, 2007. These drawings were completed as part of task order T8520020076/0005.  
Note that the files on this CD are duplicated in Subsubsubseries 1.2.2.1, File Unit 07. |
| Box 10; Digital preservation repository | File Unit 09. **Michael Bell photographs, 2007 March 22-23**  
Extent: 78 digital files (63.0 MB).  
Physical Description: 1 compact disc with JPEG files.  
Scope and Content Note  
Consists of digital photographs by SFMNHP project manager Michael Bell of C.A. THAYER being towed through Alameda from the hangar site where her restoration took place to the Bay Ship & Yacht Co. shipyard.  
Note that many of the images in this File Unit are duplicated Subsubseries 1.2.2.1, File Unit 13. |
| Box 10; Digital preservation repository | File Unit 10. **Dave Duffin photographs, 2007 March 22-23**  
Creator/Collector: Duffin, David  
Extent: 45 digital files (174 MB).  
Physical Description: 1 compact disc with JPEG files.  
Scope and Content Note  
Consists of digital photographs by Dave Duffin (associated with Bay Ship & Yacht Co.) of C.A. THAYER being towed through Alameda from the hangar site where her restoration took place to the Bay Ship & Yacht Co. shipyard.  
Note that many of the images in this File Unit are duplicated in Subsubseries 1.2.2.1, File Unit 13. |

Extant: 0.38 linear feet (6 folders of paper documents) and 347 digital files (935.4 MB)

Scope and Content Note
Consists of paper and electronic files created and collected by the SFMNHP Chief of Cultural Resources and Museum Management concerning the C.A. THAYER restoration project.

Arrangement
Arranged into 2 Subseries by format (physical and digital).

Provenance
Collected from the office of Robbyn Jackson, Chief of Cultural Resources and Museum Management. Prior becoming Chief of CRMM in July 2004, Robbyn Jackson worked as a historical architect in the NPS Pacific West Region office. Her primary role in the C.A. THAYER restoration project was related to compliance. She helped to develop NEPA environmental assessment documents and National Historic Preservation Act Section 106 documents.

Box 6, Digital preservation repository


Extent: 6 folders

Scope and Content Note
Consists of paper files created and collected by the SFMNHP Chief of Cultural Resources and Museum Management concerning the C.A. THAYER restoration project.

Documents include:
Draft environmental assessment reports (March 29, April 27, May 14, June 10, and July 5, 2002).
Draft narrative description of the rehabilitation project prepared by Stephen Canright, January 24, February 13, and April 1, 2002.
Meeting notes and email correspondence, including email updates with photographs of the restoration progress in 2004 from SFMNHP shipwright John Conway.
Invitation to and program from the rechristening of C.A. THAYER on April 12, 2007.
Various other documents related to budget, project progression, project documentation, finding of no significant impact, and more.
**Subseries 2.2. Chief of Cultural Resources and Museum Management digital files, 2002-2016 (bulk 2004-2007)**

**Extent:** 347 digital files (935.4 MB)

**Scope and Content Note**
Consists of electronic files created and collected by the SFMNHP Chief of Cultural Resources and Museum Management concerning the C.A. THAYER restoration project. Four subfolders located within the original folder collected from the Chief's computer desktop have been arranged into File Units. They primarily contain photographs of C.A. THAYER's construction in progress and C.A. THAYER's 2007 return to Hyde Street Pier. Also includes material related the Park's acquisition of WAWONA (built 1897; schooner, 3m) artifacts for use in the C.A. THAYER restoration project.

There are also 114 digital files in Series 2.2 that were not originally organized into folders by the Chief which consist of various documents related to C.A. THAYER projects including:
- Environmental assessment and finding of no significant impact (2002).
- Scope of work and technical specifications draft for the 2011 drydocking.
- Rigging (2013-2016).
- Forward house configuration changes (2016).
- Task agreement P14AC01337 to provide access to digital archival collections (2014-2016).
- Photographs of the rechristening of C.A. THAYER in 2007; aft house construction work in 2008; installing the masts in 2016; and more.
- And other miscellaneous documents.

**Arrangement**
Arranged into 4 File Units by original electronic folder. The 114 files that were found not organized into subfolders are not further arranged (described as part of Subseries 2.2).

**Digital preservation repository**

**File Unit 01. C.A. Thayer rehabilitation, 2004-2005**

**Extent:** 20 digital files (32 MB).

**Physical Description:** JPEG, MS Excel files, MS Word, MS PowerPoint, PDF, and AVI files.

**Scope and Content Note**
Consists of various digital files from the rehabilitation of C.A. THAYER, including a BMT Designers & Planners, Inc. structural adequacy analysis report; laser images of the hull; current budget and cost estimates to finish the project; video containing interviews with Bay Ship & Yacht Co. employees discussing their work on the project; and a PowerPoint presentation giving an overview and current status of the project.
File Unit 02. **C.A. Thayer rehabilitation, 2006**

**Extent:** 111 digital files (647 MB).

**Physical Description:** JPEG, TIFF, MS Word, MS PowerPoint, PDF, VOB, IFO, and BUP files.

**Scope and Content Note**

Consists of digital photographs and a video taken during a tour led by SFMNHP staff members Stephen Canright and Steve Hyman aboard C.A. THAYER during her restoration. Includes shots of the construction work in progress and of men rolling oakum to be used in the caulking. The photographs and video were taken by Xiping Wang from the University of Minnesota Duluth and USDA Forest Products Laboratory (cite USDA Forest Products Laboratory if used for public display or publication purposes).

The File Unit also includes the aft house lumber list; a SF Chronicle article by Carl Nolte from May 21, 2006 titled “Seaworthy, again”; “Rebuilding the C.A. Thayer” text by Stephen Canright; and correspondence from Bay Ship & Yacht Co. regarding concerns for launching C.A. THAYER too soon, April 6, 2006.

Note: Duplicates of the USDA Forest Products Laboratory tour photographs are located in Subsubseries 1.2.3, File Unit 07.

File Unit 03. **C.A. Thayer rehabilitation, 2007**

**Extent:** 52 digital files (52 MB).

**Physical Description:** JPEG, MS Word, PDF, and MOV files.

**Scope and Content Note**

Consists of digital photographs of C.A. THAYER nearing construction completion in the Alameda, California, hangar as well as being moved out of the hangar and being towed in Aquatic Park Cove to Hyde Street Pier in San Francisco. Also includes a press release about C.A. THAYER’s return to the pier and notes from SFMNHP meetings to plan for her return ceremony.

File Unit 04. **Wawona (built 1897; schooner, 3m) artifacts, 2011-2013**

**Extent:** 50 digital files (73.4 MB).

**Physical Description:** JPEG, MS Word, and PDF files.

**Scope and Content Note**

Consists of digital photographs of artifacts from the schooner WAWONA in Seattle, Washington. In February 2011, SFMNHP rigger Courtney Andersen and shipwright Jeffrey Morris went to Seattle to select pieces of the dismantled WAWONA to be used in the C.A. THAYER restoration either as is or for patterning. The File Unit also includes a "Proposal for using Artifacts and Material Salvaged from the Schooner Wawona for use on Reconstructed Schooner C.A. Thayer"; list of Wawona artifacts taken for C.A. Thayer project; correspondence with Emmett Smith of Northwest Seaport; and correspondence between SFMNHP staff.