
A guide to the John T. Scott photograph collection, 1856-1923

Processed by: L. Bianchi and Amy Croft, February 2013.

San Francisco Maritime National Historical Park

Building E, Fort Mason

San Francisco, CA 94123

Phone: 415-561-7030

Fax: 415-556-3540

SAFR_Historic_Documents@nps.gov

URL: <http://www.nps.gov/safr>

2013

A Guide to the John T. Scott photograph collection

P79-072a

San Francisco Maritime National Historical Park, National Park Service

2013, National Park Service

Title: John T. Scott photograph collection

Date: 1856-1923

Date (bulk): 1890-1905

Identifier/Call Number: P79-072a (SAFR 23362)

Creator: Scott, John T.

Physical Description: 795 items.

Repository: San Francisco Maritime National Historical Park, Historic Documents Department

Building E, Fort Mason

San Francisco, CA 94123

Abstract: The John T. Scott photograph collection, 1856-1923, bulk 1890-1905 (SAFR 23362, P79-072a) is comprised of a photograph album and loose photographic prints primarily relating to the Union Iron Works of San Francisco, California. The photographs show various vessels and pieces of machinery built by the company. The collection has been processed to the File Unit level, with some Items listed, 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

Each photographic image has been assigned an Item number; when there are multiple physical forms of each image (e.g. a print and a copy negative) this has been noted in the physical description field.

In 1983, the National Maritime Museum hired a conservator to treat 187 photographs on the following album pages: flyleaf, 1-30, 93-94, 139-142, 149-152, 159-162, 181-182, and 187-188. The 187 treated photographs were removed, individually mounted, placed in polyester sleeves, and housed in archival envelopes. The original album pages from which the 187 photographs were removed are housed separately from the original album. The collection file contains the conservator's handwritten notes providing details about the condition of each photograph she treated as well as a list of specific treatments she used on each individual photograph. The collection file also includes 120 color slides photographed by the conservator showing the album pages before and after treatment.

"Scr 50" was erroneously handwritten by previous staff members on nearly all the mounts of the treated photographs. In 2013, the mounts were changed to the correct number, scr 51. In addition, SFMNHP Classified photograph collection Item numbers were assigned to approximately 75% of the prints and written on the mounts; however, these numbers should be ignored due to the fact that they have not been cataloged in the Classified collection database.

One of the prints removed by the conservator, Item 036 (formerly scr51: 7b), could not be located at the time of processing in February 2013. The print has been noted as missing at the Item level (Series 1.1, File Unit 12, Item 036). The conservator's slides located in the collection file show the print prior to its removal from the album page. It is a cyanotype, smaller than 8 x 10 in., showing the boilers for OLYMPIA (built 1892; cruiser: U.S. Navy) being lifted aboard the vessel in 1893.

Several photographs in the album have "Photo # NH" and a number written next to them. For example, "Photo # NH 75254." This likely refers to the U.S. Naval Historical Center Photograph number.

SAFR staff made copy negatives of seventeen of the album's photographic prints between 1994-2001. These copies have been identified at the Item level. In addition, 14 copy negatives were made from the album's prints and cataloged as part

of SFMNH's Classified photograph collection, roughly ranging from 41357-41393 and 41426-41513. These prints have been cataloged at the Item level and the corresponding Classified number for the copy negative has been noted in the related collections field. The Classified copy negatives have not been included in the total item count for P79-072a.

The album's original use was intended as a ledger regarding shipments of parts to UIW. This use was abandoned and the ledger was turned into a photograph album. Pages 1-4 and 6-10 have handwriting on them which was revealed when the conservator removed the photographs.

Notes on condition: The album binding is in poor condition. Many of the sewn signatures have broken, and some folios have torn along the center fold, creating separated leaves. Some pages have multiple overlapping photographs attached in such a way that one edge of a photo must be lifted to view a photo underneath. In some cases, the photos have been damaged from folding. Care should be taken when lifting a photograph to view those below. Also take care to ensure that the photographs are lying flat before another album page is turned on top of it. Also note that the leather portions of the album covers have red rot.

The collection file also contains photocopies of four cards with information about oil burner parts and their selling price, circa 1920-1925. The originals were evidently given to the J. Porter Shaw Library, but they could not be located in February 2013.

In March 2013, it was discovered that an item in the field collection SAFR-00454 actually belonged in this collection. This item ("(1) 8" x 10" cyanotype - Union Iron Works May 1897") has been returned to P79-072a (SAFR 23362) and assigned Item number 764. See the collection file for more information.

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], P79-072a (SAFR 23362), John T. Scott photograph collection, San Francisco Maritime National Historical Park

Acquisition Information

SAFR-00001

GOGA-00789

John T. Scott donated the photograph album to the San Francisco Maritime Museum on April 2, 1952, and it was assigned the collection number scr 51 (see SFMM Accession Ledger 101/3). On June 26, 1952, John T. Scott donated more materials to the SFMM, and it appears that some of the loose photographic prints from this donation were added to this collection (see collection file for more information). The album and loose prints were formally accessioned by the National Maritime Museum, part of the Golden Gate National Recreation Area, on April 27, 1979 and given the collection number P79-072a.

SAFR-00001 is a blanket accession that was transferred from the Golden Gate National Recreation Area (GGNRA) to the San Francisco Maritime National Historical Park in September 1988. GGNRA had previously acquired the collection from the San Francisco Maritime Museum when it became a unit of the National Park Service in 1977.

GOGA-00789 was transferred from the J. Porter Shaw Library to the Golden Gate National Recreation Area (GGNRA) in February 1985.

Historical or Biographical Note

John T. Scott (1865-1960) was a marine engineer. He was superintendent of Union Iron Works from 1895-1905 and co-owner of Moore & Scott Iron Works from 1905-1916. He also founded the Pacific Coast Shipbuilding Company in 1917 with his uncle Henry T. Scott (1846-1927).

John Thomas Scott was born in 1864 or 1865 in Maryland to Mary Hopkins Scott and George S. Scott. He had older brothers named Wakeman H. Scott (born 1861) and Irving Murray Scott Jr. (1862-1952), and younger siblings named Margaret H. Scott (born 1867), George Worthington Scott (1869 July-1941 January 31), and Henry T. Scott (1877 January 13-1949 July 15).

John T. Scott's uncles were Irving Murray Scott (1937-1903) and Henry Tiffany Scott (1846-1927), the owners of the Union Iron Works in San Francisco's Potrero district during the 1860s-1890s. John was a marine engineer by profession, and followed his uncles into the family business, becoming a superintendent of the Union Iron Works in 1895. John T. Scott's brother Irving M. Scott, Jr. was also in the family business, and worked as a draftsman and engineer at Union Iron Works, Moore & Scott Iron Works, and Pacific Coast Shipbuilding Company.

John T. Scott managed operations at Union Iron Works until he left in 1905 to begin his own business, in partnership with Robert S. Moore and Joseph A. Moore. The Moore & Scott Iron Works started operation in 1905 in Hunter's Point neighborhood of San Francisco. In 1909, they moved to the site of W.A. Boole's old yard on the shore of Oakland Creek (Knave). Moore & Scott was a very successful operation, which continued to thrive under the name of Moore Shipbuilding Company after Scott sold his interests in 1917.

Scott's next venture was the short-lived Pacific Coast Shipbuilding Company, which he established in 1917 in partnership with his uncle Henry T. Scott (1846-1927) at Bay Point, California, (present day Port Chicago) to take advantage of the World War I shipbuilding boom.

Scott lived in San Francisco until 1909, subsequently in Burlingame, and finally by the side of Lake Merritt in Oakland. He passed away in March of 1960 at the age of 96.

Written by Amy Croft, 2013.

Sources:

San Francisco Maritime staff. Front matter in finding aid for the John T. Scott papers, (HDC 126).

Unknown author. "Knave" section of the Oakland Tribune. Sunday December 3, 1961.

The Bay of San Francisco: the metropolis of the Pacific Coast and its suburban cities: a history. 1892. Chicago: The Lewis Publishing Co.

Collection Scope and Content

The John T. Scott photograph collection, 1856-1923, bulk 1890-1905 (SAFR 23362, P79-072a) is comprised of a photograph album and loose photographic prints primarily relating to the Union Iron Works of San Francisco, California. The photographs show various vessels and pieces of machinery built by the company. The collection has been processed to the File Unit level, with some Items listed, and is open for use.

Contains photographs of machinery and vessels at Union Iron Works and Moore & Scott Iron Works, primarily from 1890-1905. There are 754 photographic images, in 795 physical forms (cyanotypes, black-and-white photographic prints, photomechanical prints, and copy negatives), and 10 textual items (newspaper clippings).

The photograph album contains 705 items (695 photographic prints and 10 newspaper clippings), along with 17 copy negatives made from the album prints, relating to Union Iron Works (UIW), in San Francisco, California, mostly circa 1890-1905. The album prints consist of cyanotypes and black-and-white photographic prints.

The photographs show various vessels built and repaired by UIW, including CHITOSE (built 1898; cruiser: Imperial Japanese Navy), FARRAGUT (built 1898; torpedo boat: U.S. Navy), MONTEREY (built 1891; monitor: U.S. Navy), OLYMPIA (built 1892; cruiser: U.S. Navy), OREGON (built 1893; battleship: U.S. Navy), TACOMA (built 1903; cruiser: U.S. Navy), and WISCONSIN (built 1898; battleship: U.S. Navy), among others. Mostly views of U.S. government vessels as well as some ferries, lightships, merchant vessels, tugboats, and a yacht. The photographs also show various parts and machinery built by Union Iron Works such as engines, boilers, hoists, pumps and more. Some photographs show interior and exterior views of the UIW shipyard.

The collection also contains 59 images in 73 physical forms (cyanotypes, black-and-white photographic prints, and photomechanical prints), showing various pieces of machinery and vessels built by both Union Iron Works and Moore & Scott Iron Works, circa 1880-1923.

Collection Arrangement

Arranged into one Series with two Subseries. Subseries 1.1 consists of the photograph album and prints removed from the album. It is arranged into 205 File Units, one for each page of the photograph album. Series 1.2 consists of loose photographic material not originally attached to the album pages. It is arranged into five File Units by subject.

Related Materials

John Scott collections at SFMNH:

John T. Scott photographs. SFMNH, (SAFR 18511, P78-046a). (62) cyanotypes, most 6 x 8 in., of USS OHIO, showing details of every part of the vessel including crew quarters, hospital, galley, engine room and several exterior views.

John T. Scott photographs. SFMNH, (SAFR 19205, P78-261a). (15) collodion(?) prints, approx. 7 x 9 in., taken as for a catalog, showing hydraulic and steam, fixed and portable riveters, manufactured by the Morgan Engineering Co., Alliance, Ohio, photog. unknown, Dec. 18, 1896.

John T. Scott photograph collection. SFMNH, (SAFR 23364, P78-307a). 13 photographs related to Union Iron Works and Moore & Scott Iron Works.

John Thomas Scott photograph collection, 1903-1919. SFMNH, (SAFR 17023, P85-057). (80) black-and-white, cyanotype, and gelatin chloride prints separated from the personal papers of John T. Scott.

Photograph of 5 unidentified U.S. Warships 1890's, SFMNHP (SAFR 13701). 1 EA. Photosensitized linen with five photographic prints, two sketches. Cyan coloring of naval vessels built by Union Iron, all pre-dreadnought era. Separated from John T. Scott papers (SAFR 15793, HDC 126).

John Thomas Scott papers. SFMNHP, (SAFR 15793, HDC 126). Personal papers. Includes many mechanical drawings and blueprints dating to his employment at Union Iron Works, Moore & Scott Iron Works, and Pacific Coast Shipbuilding Co.

There are copy negatives of some of the prints in this collection cataloged in the SFMNHP Classified photograph collection; this has been noted at the Item level when applicable.

Hanscom photograph collection, circa 1880-1910, bulk 1889-1995. SFMNHP, (SAFR 19542, P79-064a). Many of the cyanotypes in P79-072a can also be found in the photograph album in P79-064a (Hanscom photograph collection). For example, the photograph on page 201 of the album in P79-064a is the same image as P79-072a.073. The processing archivist did not try to match photographs in each collection, but it should be noted that some of the same images are in both collections.

Irving M. Scott, Jr. photograph collection, 1898-1920. SFMNHP, (SAFR 17021, P85-068). 15 views of machinery, possibly at Union Iron Works and Moore and Scott Iron Works.

Mrs. Irving Scott photograph collection, circa 1900-1915. SFMNHP, (SAFR 00363, P83-100). Includes a photograph of a vessel launching in San Francisco, possibly from Union Iron Works.

Mrs. Irving Scott photographs, SFMNHP, (SAFR 19216, P78-272a). (95) black-and-white prints, primarily of Union Iron Works engines and machinery.

Researchers should note that there are other books and archival collections with materials related to Union Iron Works and Moore and Scott Iron Works in the San Francisco Maritime National Historical Park. They can search the Park's web catalog for more information.

This material is located at San Francisco Maritime National Historical Park

John T. Scott papers, circa 1891-1940. Bancroft Library, BANC MSS 73/199c. Correspondence, estimates, financial reports, a few records of Union Iron Works, clippings, blueprints of ships, etc. Mainly relate to his association with the Pacific Coast Shipbuilding Company.

This material is located at University of California, Berkeley. Bancroft Library.

Subjects and Indexing Terms

Shipbuilding

Shipbuilding--California--San Francisco

Shipbuilding--History--19th century

Shipbuilding--History--20th century

Shipyards

Hoisting machinery

Marine engines

Marine machinery

Pumping machinery

Steam-boilers, Marine

Steam engines

Government vessels--United States

Warships

Moore & Scott Iron Works

Union Iron Works Co.

Charleston (Cruiser)

Chitose (built 1898; cruiser: Imperial Japanese Navy)

Farragut (Torpedo boat)

Monterey (built 1891; monitor: U.S. Navy)

Olympia (Cruiser)

Oregon (Battleship)

Tacoma (built 1903; cruiser: U.S. Navy)

Wisconsin (Battleship : BB-9)

San Francisco (Calif.)
Oakland (Calif.)
Photograph albums
Cyanotypes (photographic prints)
Black-and-white prints (photographs)
Gelatin silver prints
Clippings (information artifacts)
Photomechanical prints
Black-and-white negatives

Boxes 1-5; Shared collections box; Shared oversize box

Series 1. **Union Iron Works photograph album and loose photographic prints, 1856-1923 (bulk 1890-1905)**

Extent: 795 EA

Biography/Organization History

Union Iron Works History: In 1849, brothers Peter and James Donahue, a machinist and a boilermaker respectively, started a blacksmith and machine shop in an adobe hut on the northwest corner of Jackson and Montgomery Streets. Their original equipment consisted of only a pair of hand operated bellows and a charcoal forge (A century of progress, 3).

In the spring of 1850, they moved to the northeast corner of First and Mission Streets in the neighborhood then known as Happy Valley, and called their business the Union Iron & Brass Foundry. They were soon joined by their brother Michael Donahue, who was a molder. "The first iron casting produced in California was made at the Union Iron & Brass Foundry in 1850; it was a spring bearing for the shaft of the steamer JOHN S. MCKIM, the first propeller-driven commercial vessel built in the United States (History of Bethlehem's San Francisco Yard, 27).

In 1853, James and Michael sold their interest in the company to Peter. Michael returned to the Midwest where he served three terms as the Mayor of Davenport, Iowa. Peter changed the name of the business to "Union Iron Works, Peter Donahue, Proprietor" and later shortened it to "Union Iron Works" (History of Bethlehem's San Francisco Yard, 27-28).

In 1863, Peter sold a two-thirds interest in Union Iron Works to Henry J. Booth and Charles S. Higgins, and the company was then known as Donahue-Booth and Company. "It was at this time that Irving M. Scott, who had come to the Union Iron Works in 1860 as a draftsman and had risen to the position of responsibility and authority in the firm, was induced to return as superintendent" (History of Bethlehem's San Francisco Yard, 28).

In 1865, Peter Donahue and Charles Higgins sold their interest in the firm and Henry J. Booth, George W. Prescott and Irving M. Scott went into partnership, with Scott becoming the general manager of the works. The new firm was called H.J. Booth and Company (History of Bethlehem's San Francisco Yard, 28).

In June 1875, Henry J. Booth retired and the firm name was changed to Prescott, Scott and Company (History of the San Francisco Yard, 8). In 1880, Irving M. Scott took a trans-Pacific voyage and visited many shipyards around the world, taking note of what other businesses were doing. When he returned to San Francisco, he reorganized the company to make shipbuilding its principal business. The company was incorporated and reverted to its earlier name of Union Iron Works. They purchased 32 acres of land in the Potrero District, and constructed new buildings in 1883. The president of the new corporation was George W. Prescott. Henry T. Scott (Irving's brother) was vice president and treasurer, and Irving M. Scott was general manager. George W. Dickie and his brother James Dickie were brought in to take charge of shipbuilding as superintendent and manager, respectively. The first ship off the ways at the new Union Iron Works was ARAGO, a 200-foot collier, completed in 1885 (History of Bethlehem's San Francisco Yard, 29).

Between the years 1885 and 1902, the Union Iron Works built 75 vessels, including OLYMPIA (built 1892; cruiser: U.S. Navy), OREGON (built 1893; battleship: U.S. Navy), CHARLESTON (built 1888; cruiser: U.S. Navy) and SAN FRANCISCO (built 1889; cruiser: U.S. Navy).

On August 25, 1902, the United Iron Works was sold, together with five other companies, to the United States Shipbuilding Company. The United States Shipbuilding Company went bankrupt and sold Union Iron Works to the Reorganization Committee of the United States in the fall of 1904. On January 19, 1905, the Bethlehem Steel Corporation of New Jersey purchased Union Iron Works (A century of progress, 14; Fear, 238).

On November 11, 1908, the Union Iron Works Dry Dock Company was incorporated and the entire property of the San Francisco Dry Dock Company was purchased at the foot of Second Street and Hunters Point (Fear, 240). In October 1917, the Bethlehem Shipbuilding Corporation, Ltd. was established in Delaware and leased the Potrero Yard in November of the same year (History of the San Francisco Yard, Argonaut, 11). The company's four Bay Area yards were known as the Potrero Works (for the former Union Iron Works), the Risdon Works, the Hunters Point Works, and the Alameda Works (Minor).

During WWI, the yard built destroyers and submarines. On December 24, 1924, the Union Iron Works Company was purchased by Bethlehem (History of the San Francisco Yard, Argonaut, 11).

A guide to the John T. Scott photograph collection, 1856-1923

On November 15, 1938, the Bethlehem Shipbuilding Corporation, Ltd. was changed to the Bethlehem Steel Company, Shipbuilding Division, and the Potrero Yard was renamed the San Francisco Yard (Fear, 240). On December 29, 1939, the Hunter's Point property was sold to the Navy Department (Fear, 240).

During WWII, the yard built destroyers, destroyer escorts and cruisers and converted or repaired more than 2500 naval and commercial vessels (San Francisco Yard).

In the early 1970s, Bethlehem Shipbuilding Corporation sold their Alameda Yard to

Boxes 1-5; Shared
collections box;
Shared oversize
box

Subseries 1.1. **Union Iron Works photograph album, 1856-1905 (bulk 1890-1905)**

Extent: 722 EA (1 photograph album containing 705 items; 17 copy negatives)

Scope and Content Note

Items 001-704; 764. One photograph album, 14 x 17 x 2.5 inches, comprised of 695 photographic prints (cyanotypes, black-and-white photographic prints, and photomechanical prints) and 10 newspaper clippings. There are also 17 copy negatives made from prints in the album.

The photographs show various vessels built and repaired by Union Iron Works. Mostly views of U.S. government vessels, with some ferries, lightships, merchant vessels, tugboats, and a yacht pictured. The photographs also show various parts and machinery built by Union Iron Works such as engines, boilers, hoists, pumps, and more. Some photographs show interior and exterior views of the Union Iron Works shipyard.

"Harr Jumper" is written on the upper right corner of the album cover.

Arrangement

Each album page has been assigned a File Unit number, from 001-205. Some photographs are described at the Item level within a File Unit.

Box 1; Shared
oversize box

File Unit 001. **Photograph Album: Cover Verso, 1894**

Extent: 1 photograph (1 physical form).

Physical Description: 1 cyanotype, 6.5 x 9.25 in.

Scope and Content Note

Item 001.

Box 1

Item No. 001. **Medley of 19 images showing Union Iron Works scenes, San Francisco, California, 1894**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 6.5 x 9.25 in.

Scope and Content Note

12 views of employees ashore; 2 views of employees aboard vessels; 2 interior views of buildings; 2 general exterior views of the yard; and one bow view of a U.S. Navy vessel in a graving dock.

During conservation work in 1983, this print was removed from the album cover verso and placed in a separate envelope numbered scr51: cover verso. It was also assigned the SFMNHP Classified number P53.41426.

Box 1; Shared
oversize box

File Unit 002. **Photograph Album: Flyleaf 1, 1856-1895**

Extent: 3 photographs (3 physical forms).

Physical Description: 3 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 002-004.

Box 1

Item No. 002. **Artist's conception of Union Iron Works, San Francisco, California, 1856**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.75 x 10 in.

Scope and Content Note

During conservation work in 1983, this print was removed from the album flyleaf and placed in a separate envelope numbered scr51: flyleaf 1a. It was also assigned the SFMNHP Classified number A22.41427.

- | | |
|-------------------------------|--|
| Box 1 | <p>Item No. 003. Union Iron Works exterior view, San Francisco, California, circa 1895</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.5 x 7.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from the album flyleaf and placed in a separate envelope numbered scr51: flyleaf 1bL. It was also assigned the SFMNHP Classified number A20.41429.</p> |
| Box 1 | <p>Item No. 004. Union Iron Works exterior view, San Francisco, California, 1895</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.5 x 7.75 in.</p> <p>Scope and Content Note</p> <p>The foundry is one of the buildings in view.</p> <p>During conservation work in 1983, this print was removed from the album flyleaf and placed in a separate envelope numbered scr51: flyleaf 1bR. It was also assigned the SFMNHP Classified number A20.41428.</p> |
| Box 1; Shared
oversize box | <p>File Unit 003. Photograph Album: Flyleaf 2, 1891-1895</p> <p>Extent: 3 items (3 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in., and 1 newspaper clipping.</p> <p>Scope and Content Note</p> <p>Items 005-007. Two cyanotypes (Items 005-006) and one newspaper clipping titled "Fastening the keel of the Wisconsin" from the [San Francisco?] Chronicle, March 12, 1891 (Item 007). During conservation work in 1983, the 2 photographic prints on this album page were removed and are now housed separately. See Item level descriptions for details. The newspaper clipping is still attached to the album page.</p> |
| Box 1 | <p>Item No. 005. Group of Native American children at Fort Simpson, Alaska, 1895</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6.25 x 8 in.</p> <p>Scope and Content Note</p> <p>Two adult non-native women also in view.</p> <p>During conservation work in 1983, this print was removed from the album flyleaf and placed in a separate envelope numbered scr51: flyleaf 2a. It was also assigned the SFMNHP Classified number [G or P]53.41430.</p> |
| Box 1 | <p>Item No. 006. San Rafael, California, middle distance view, 1895</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6.25 x 8 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from the album flyleaf and placed in a separate envelope numbered scr51: flyleaf 2b. It was also assigned the SFMNHP Classified number K21.41431.</p> |

Box 1; Shared
oversize box

File Unit 004. **Photograph Album: Flyleaf 3, circa 1890-1905**

Extent: 5 documents (5 physical forms).

Physical Description: 5 newspaper clippings.

Scope and Content Note

Items 008-012. Five newspaper clippings. "Biggest gas tank in the world" concerns a gas tank in Chicago, Illinois. A portion of the article has torn off and is housed in a glassine envelope attached to the album page. "The school board" discusses the arrest of Annie J. Dolan, a teacher, for public intoxication. Only the title for "Loss at Pullman" remains adhered to the album page; the rest of the article is missing. "The armament of Europe" concerns fears of war in Europe. Finally, "First rivet in the Japanese cruiser" discusses the construction of CHITOSE (built 1898; cruiser: Imperial Japanese Navy) at Union Iron Works, San Francisco, California.

Box 1; Shared
oversize box

File Unit 005. **Photograph Album: Flyleaf 4, circa 1890-1905**

Extent: 3 documents (3 physical forms).

Physical Description: 3 newspaper clippings.

Scope and Content Note

Items 013-015. Three newspaper clippings: "Torpedo boat Farragut is a hoodoo ship" concerns repair issues plaguing FARRAGUT (built 1898; torpedo boat: U.S. Navy) in 1898; "Comparing the growth of nations" in 1899; and a poem titled "The Rush of the Oregon" by Arthur Fuiterman about OREGON (built 1893; battleship: U.S. Navy) during the Spanish-American war. A handwritten note at the top of the page reads " Note, the numbers in red ink on blue prints are photos as numbered & sent to Fraser & Co., Yokohama - Japan - Nov. 1894."

Box 1; Shared
collections box;
Shared oversize
box

File Unit 006. **Photograph Album: Page 1, circa 1890-1905**

Extent: 2 photographs (3 physical forms).

Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Items 016-017.

Box 1

Item No. 016. **Group of men in front of the machine shop building at the Union Iron Works yard at 3rd and 20th Streets, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 3.5 x 5.75 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 1 and placed in a separate envelope numbered scr51: 1a. It was also assigned the SFMNHP Classified number P53.41432.

Box 1; Shared
collections box

Item No. 017. **Union Iron Works yard general view, San Francisco, California, circa 1890-1905**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 7.5 x 9.5 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Shipways in left background.

During conservation work in 1983, this print was removed from album page 1 and placed in a separate envelope numbered scr51: 1b. It was also assigned the SFMNHP Classified number A20.41433.

Box 1; Shared collections box; Shared oversize box	<p>File Unit 007. Photograph Album: Page 2, circa 1890-1905</p> <p>Extent: 2 photographs (3 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Items 018-019.</p>
Box 1	<p>Item No. 018. Snow on Mount Hamilton, California, with Lick Observatory in the background, circa 1890-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6.75 x 9 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 2 and placed in a separate envelope numbered scr51: 2a. It was also assigned the SFMNHP Classified number D21.41434.</p>
Box 1; Shared collections box	<p>Item No. 019. Scale drawing showing a general view of Union Iron Works, San Francisco, California, circa 1890-1905</p> <p>Extent: 1 photograph (2 physical forms).</p> <p>Physical Description: 1 cyanotype, 6 x 9.5 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 2 and placed in a separate envelope numbered scr51: 2b. It was also assigned the SFMNHP Classified number T21.41435.</p>
Box 1; Shared oversize box	<p>File Unit 008. Photograph Album: Page 3, circa 1892-1893</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 020-023.</p>
Box 1	<p>Item No. 020. Medley of 3 memento cards commemorating the launch of Oregon (built 1893; battleship: U.S. Navy) at Union Iron Works, San Francisco, California, 1893 October 26</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6.75 x 8.75 in.</p> <p>Scope and Content Note</p> <p>Launched at 11:46am.</p> <p>During conservation work in 1983, this print was removed from album page 3 and placed in a separate envelope numbered scr51: 3a. It was also assigned the SFMNHP Classified number J07.41357.</p>
Box 1	<p>Item No. 021. Guillotine used to launch Oregon (built 1893; battleship: U.S. Navy) at Union Iron Works, San Francisco, California, 1893 October 26</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.5 x 7.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 3 and placed in a separate envelope numbered scr51: 3b. It was also assigned the SFMNHP Classified number L00.41358.</p>

- | | |
|-------------------------------|---|
| Box 1 | <p>Item No. 022. Engine of the thirty-foot steam cutter assigned to Olympia (built 1892; cruiser: U.S. Navy), circa 1892</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.25 x 7.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 3 and placed in a separate envelope numbered scr51: 3c. It was also assigned the SFMNHP Classified number V73.41359.</p> |
| Box 1 | <p>Item No. 023. Ship model of Peru (built 1892; steamship) as seen in a drydock, 1893</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7 x 9.25 in.</p> <p>Scope and Content Note</p> <p>PERU was built at Union Iron Works, San Francisco, California. The model maker is unknown.</p> <p>During conservation work in 1983, this print was removed from album page 3 and placed in a separate envelope numbered scr51: 3d. It was also assigned the SFMNHP Classified number M00.41360.</p> |
| Box 1; Shared
oversize box | <p>File Unit 009. Photograph Album: Page 4, 1891-1893</p> <p>Extent: 3 photographs (3 physical forms).</p> <p>Physical Description: 3 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 024-026.</p> |
| Box 1 | <p>Item No. 024. Union Iron Works drydock and shipways, as seen from the water, San Francisco, California, 1891</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 3.5 x 9 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 4 and placed in a separate envelope numbered scr51: 4a. It was also assigned the SFMNHP Classified number A19.41361.</p> |
| Box 1 | <p>Item No. 025. El Primero (built 1893; steam yacht), dressed, starboard broadside view, in the stream after launching at Union Iron Works, San Francisco, California, 1893 August 5</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6.25 x 9 in.</p> <p>Scope and Content Note</p> <p>Yacht built for Edward Hopkins.</p> <p>During conservation work in 1983, this print was removed from album page 4 and placed in a separate envelope numbered scr51: 4b. It was also assigned the SFMNHP Classified number A18.41390.</p> |

- Box 1
- Item No. 026. **Tugboats and launches carrying visitors for the launching of Monterey (built 1891; monitor: U.S. Navy) at Union Iron Works, San Francisco, California, 1891 April 28**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 5.75 x 9.25 in.
- Scope and Content Note**
- During conservation work in 1983, this print was removed from album page 4 and placed in a separate envelope numbered scr51: 4c. It was also assigned the SFMNHP Classified number A18.41389.
- Box 1; Shared
oversize box
- File Unit 010. **Photograph Album: Page 5, circa 1890-1905**
- Extent:** 4 photographs (4 physical forms).
- Physical Description:** 4 cyanotypes, smaller than 8 x 10 in.
- Scope and Content Note**
- Items 027-030.
- Box 1
- Item No. 027. **Profile of the propeller of Queen (steamship) while in drydock, likely at Union Iron Works, San Francisco, California, circa 1890-1905**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 4 x 7 in.
- Scope and Content Note**
- Unidentified man also in view.
- During conservation work in 1983, this print was removed from album page 5 and placed in a separate envelope numbered scr51: 5a. It was also assigned the SFMNHP Classified number V74.41436.
- Box 1
- Item No. 028. **Propeller of Bear (built 1874; cutter: U.S. Revenue Service) while in drydock, likely at Union Iron Works, San Francisco, California, circa 1890-1905**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 3.75 x 7 in.
- Scope and Content Note**
- Showing the banjo frame for the lefting propeller.
- During conservation work in 1983, this print was removed from album page 5 and placed in a separate envelope numbered scr51: 5b. It was also assigned the SFMNHP Classified number V74.41437.
- Box 1
- Item No. 029. **Columbia River (built 1892; lightship: U.S. Lightship Service), bow view, in the stream after launching at Union Iron Works, San Francisco, California, 1892 March 26**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 7 x 9.5 in.
- Scope and Content Note**
- Vessel designation LV 50.
- During conservation work in 1983, this print was removed from album page 5 and placed in a separate envelope numbered scr51: 5c. It was also assigned the SFMNHP Classified number K01.41438.
-

- Box 1
- Item No. 030. **Columbia River (built 1892; lightship: U.S. Lightship Service), starboard broadside view, pierside, circa 1892 March-April**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 7.25 x 9.25 in.
- Scope and Content Note**
- Vessel designation LV 50.
- During conservation work in 1983, this print was removed from album page 5 and placed in a separate envelope numbered scr51: 5d. It was also assigned the SFMNHP Classified number F01.41438.
- Box 1; Shared
oversize box
- File Unit 011. **Photograph Album: Page 6, circa 1890-1905**
- Extent:** 4 photographs (4 physical forms).
- Physical Description:** 4 cyanotypes, smaller than 8 x 10 in.
- Scope and Content Note**
- Items 031-034.
- Box 1
- Item No. 031. **Columbia River (built 1892; lightship: U.S. Lightship Service) on the ways at Union Iron Works, San Francisco, California, 1892 January-March**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 7.25 x 9.5 in.
- Scope and Content Note**
- Vessel designation LV 50.
- During conservation work in 1983, this print was removed from album page 6 and placed in a separate envelope numbered scr51: 6a. It was also assigned the SFMNHP Classified number K16.41440.
- Box 1
- Item No. 032. **Columbia River (built 1892; lightship: U.S. Lightship Service) launching, view at the bow, at Union Iron Works, San Francisco, California, 1892 March 26**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 7.25 x 9.25 in.
- Scope and Content Note**
- Group of people gathered at the bow. Note the champagne bottle smashing against the vessel. Vessel designation LV 50.
- During conservation work in 1983, this print was removed from album page 6 and placed in a separate envelope numbered scr51: 6b. It was also assigned the SFMNHP Classified number K18.41441.
- Box 1
- Item No. 033. **Donkey boiler built by Union Iron Works, San Francisco, California, circa 1890-1905**
- Extent:** 1 photograph.
- Physical Description:** 1 cyanotype, 3 x 7.5 in.
- Scope and Content Note**
- During conservation work in 1983, this print was removed from album page 6 and placed in a separate envelope numbered scr51: 6c. It was also assigned the SFMNHP Classified number V73.41442.
-

Box 1

Item No. 034. **Engine built for Governor Tilden (tugboat), likely at Union Iron Works, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.25 x 6.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 6 and placed in a separate envelope numbered scr51: 6d. It was also assigned the SFMNHP Classified number V73.41443.

Box 1; Shared
oversize box

File Unit 012. **Photograph Album: Page 7, circa 1892**

Extent: 3 photographs (3 physical forms).

Physical Description: 3 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 035-037.

Box 1

Item No. 035. **"Big Betsy," a 12 inch rifle, being lifted aboard Monterey (built 1891; monitor: U.S. Navy), 1892 January 23**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.25 x 9.25 in.

Scope and Content Note

1-12 inch breech, 100259 lbs.

During conservation work in 1983, this print was removed from album page 7 and placed in a separate envelope numbered scr51: 7a. It was also assigned the SFMNHP Classified number K19.41444.

Missing as of
February 2013

Item No. 036. **Boilers being lifted aboard Olympia (built 1892; cruiser: U.S. Navy) at Union Iron Works, San Francisco, California, 1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, smaller than 8 x 10 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 7 and numbered scr51: 7b. As of February 2013, the print could not be located. See the conservator's slides in the collection file to view a copy of the image.

Box 1

Item No. 037. **Boilers built for Olympia (built 1892; cruiser: U.S. Navy), as seen in the Union Iron Works yard, San Francisco, California, circa 1892-1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7 x 9.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 7 and placed in a separate envelope numbered scr51: 7c. It was also assigned the SFMNHP Classified number V73.41445.

Box 1; Shared
oversize box

File Unit 013. **Photograph Album: Page 8, 1893**

Extent: 2 photographs (2 physical forms).

Physical Description: 2 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 038-039.

Box 1

Item No. 038. **Olympia (built 1892; cruiser: U.S. Navy) in drydock during outfitting at Union Iron Works, San Francisco, California, 1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.25 x 9.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 8 and placed in a separate envelope numbered scr51: 8a. It was also assigned the SFMNHP Classified number K16.41446.

Box 1

Item No. 039. **Charleston (built 1888; cruiser: U.S. Navy) ship model, 1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.25 x 9 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 8 and placed in a separate envelope numbered scr51: 8b. It was also assigned the SFMNHP Classified number M00.41447.

Box 1; Shared
oversize box

File Unit 014. **Photograph Album: Page 9, 1893**

Extent: 2 photographs (2 physical forms).

Physical Description: 2 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 040-041.

Box 1

Item No. 040. **Monterey (built 1891; monitor: U.S. Navy) ship model, 1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.25 x 9.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 9 and placed in a separate envelope numbered scr51: 9a. It was also assigned the SFMNHP Classified number M00.41448.

Box 1

Item No. 041. **San Francisco (built 1889; cruiser: U.S. Navy) ship model, 1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.25 x 9.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 9 and placed in a separate envelope numbered scr51: 9b. It was also assigned the SFMNHP Classified number M00.41449.

Box 1; Shared
oversize box

File Unit 015. **Photograph Album: Page 10, 1892-1893**

Extent: 2 photographs (2 physical forms).

Physical Description: 2 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 042-043.

Box 1	<p>Item No. 042. Olympia (built 1892; cruiser: U.S. Navy), bow view, in drydock during outfitting at Union Iron Works, San Francisco, California, 1893 October</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.5 x 9.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 10 and placed in a separate envelope numbered scr51: 10a. It was also assigned the SFMNHP Classified number K16.41450.</p>
Box 1	<p>Item No. 043. Bronze condensers to be installed on Olympia (built 1892; cruiser: U.S. Navy) as seen in the Union Iron Works yard, San Francisco, California, 1892</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6.5 x 9.25 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 10 and placed in a separate envelope numbered scr51: 10b. It was also assigned the SFMNHP Classified number V73.41451.</p>
Box 1; Shared oversize box	<p>File Unit 016. Photograph Album: Page 11, 1893</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 044-045.</p>
Box 1	<p>Item No. 044. El Primero (built 1893; steam yacht), dressed, port broadside view, on the ways ready to launch at Union Iron Works, San Francisco, California, 1893 August</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.25 x 9.25 in.</p> <p>Scope and Content Note</p> <p>Yacht built for Edward Hopkins.</p> <p>During conservation work in 1983, this print was removed from album page 11 and placed in a separate envelope numbered scr51: 11a. It was also assigned the SFMNHP Classified number K17.41452.</p>
Box 1	<p>Item No. 045. Looking across a pier at Fearless (tugboat) on the occasion of Vice President Stevenson's visit to Union Iron Works, San Francisco, California, 1893 July 21</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.25 x 9.25 in.</p> <p>Scope and Content Note</p> <p>A large group of people is on board FEARLESS. During conservation work in 1983, this print was removed from album page 11 and placed in a separate envelope numbered scr51: 11b. It was also assigned the SFMNHP Classified number K01.41453.</p>
Box 1; Shared oversize box	<p>File Unit 017. Photograph Album: Page 12, 1893</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 046-047.</p>

Box 1	<p>Item No. 051. Powell Street elephant boilers, 56 in. x 16 in., 1894</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6 x 8.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 13 and placed in a separate envelope numbered scr51: 13d. It was also assigned the SFMNHP Classified number A24.41459.</p>
Box 1; Shared oversize box	<p>File Unit 019. Photograph Album: Page 14, circa 1890-1905</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 052-053.</p>
Box 1	<p>Item No. 052. Water power hoist designed by W.T. Works and built by Branch Works for Pelton Water Wheel Company of San Francisco, California, 1894</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.75 x 9.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 14 and placed in a separate envelope numbered scr51: 14a. It was also assigned the SFMNHP Classified number V73.41459.</p>
Box 1	<p>Item No. 053. Olympia (built 1892; cruiser: U.S. Navy) port main engine built by Union Iron Works, San Francisco, California, circa 1892</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.5 x 9.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 14 and placed in a separate envelope numbered scr51: 14b. It was also assigned the SFMNHP Classified number V73.41460.</p>
Box 1; Shared oversize box	<p>File Unit 020. Photograph Album: Page 15, circa 1890-1905</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 054-055.</p>
Box 1	<p>Item No. 054. Olympia (built 1892; cruiser: U.S. Navy) starboard main engine built by Union Iron Works, San Francisco, California, circa 1892</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.5 x 9.25 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 15 and placed in a separate envelope numbered scr51: 15a. It was also assigned the SFMNHP Classified number V73.41461.</p>

Box 2; Shared oversize box	File Unit 022. Photograph Album: Page 17, 1890-1894 Extent: 5 photographs (5 physical forms). Physical Description: 5 cyanotypes, smaller than 8 x 10 in. Scope and Content Note Items 060-064.
Box 2	Item No. 060. Compressor, 14 x 30 inches, built by Union Iron Works, San Francisco, California, for the Juno Mining and Manufacturing Company, 1893 Extent: 1 photograph. Physical Description: 1 cyanotype, 4.5 x 7.5 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 17 and placed in a separate envelope numbered scr51: 17a. It was also assigned the SFMNHP Classified number A23.41388.
Box 2	Item No. 061. J.B. Low's sample grinder, likely built by Union Iron Works, San Francisco, California,, 1890 Extent: 1 photograph. Physical Description: 1 cyanotype, 4.5 x 7.25 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 17 and placed in a separate envelope numbered scr51: 17b. It was also assigned the SFMNHP Classified number A23.41387.
Box 2	Item No. 062. J.B. Low's ore sampler built by Union Iron Works, San Francisco, California,, 1890 Extent: 1 photograph. Physical Description: 1 cyanotype, 4.5 x 7.25 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 17 and placed in a separate envelope numbered scr51: 17c. It was also assigned the SFMNHP Classified number A23.41386.
Box 2	Item No. 063. Single valve compound engine for the ventilator on Oregon (built 1893; battleship: U.S. Navy), built by Union Iron Works, San Francisco, California, 1894 Extent: 1 photograph. Physical Description: 1 cyanotype, 4.75 x 7.75 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 17 and placed in a separate envelope numbered scr51: 17d. It was also assigned the SFMNHP Classified number V73.41384.
Box 2	Item No. 064. Meyers cut off engine, 12 x 24 inches, built for the Good Hope Mining Company, likely by Union Iron Works, San Francisco, California, 1894 Extent: 1 photograph. Physical Description: 1 cyanotype, 4.75 x 7.75 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 17 and placed in a separate envelope numbered scr51: 17e. It was also assigned the SFMNHP Classified number A23.41385.

- Box 2; Shared
oversize box
- File Unit 023. **Photograph Album: Page 18, circa 1888-1895**
Extent: 6 photographs (6 physical forms).
Physical Description: 6 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 065-070.
- Box 2
- Item No. 065. **Oregon (built 1893; battleship: U.S. Navy) electric engine, built by Union Iron Works, San Francisco, California,, 1894**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 4.75 x 7.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 18 and placed in a separate envelope numbered scr51: 18a. It was also assigned the SFMNHP Classified number V73.41383.
- Box 2
- Item No. 066. **Three unit wood grinder for making pulp built by Pusey & Jones, Wilmington, Delaware, 1894 May**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 4.5 x 5.75 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 18 and placed in a separate envelope numbered scr51: 18b. It was also assigned the SFMNHP Classified number A23.41382.
- Box 2
- Item No. 067. **Air pump for Charleston (built 1888; cruiser: U.S. Navy), possibly built by Union Iron Works, San Francisco, California, circa 1888-1889**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 4 x 6.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 18 and placed in a separate envelope numbered scr51: 18c. It was also assigned the SFMNHP Classified number V73.41381.
- Box 2
- Item No. 068. **Two cylinder vertical steam engine, possibly built by Union Iron Works, San Francisco, California, circa 1895**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 4 x 4.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 18 and placed in a separate envelope numbered scr51: 18d. It was also assigned the SFMNHP Classified number V73.41380.
- Box 2
- Item No. 069. **Standard cam shaft built for Brown Bear Mining Company, possibly by Union Iron Works, San Francisco, California, 1894**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 4.5 x 7.75 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 18 and placed in a separate envelope numbered scr51: 18e. It was also assigned the SFMNHP Classified number A23.41379.
-

-
- | | |
|-------------------------------|--|
| Box 2 | <p>Item No. 080. Blocks under an unidentified vessel on the ways, likely at Union Iron Works, San Francisco, California, circa 1890-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 5.25 x 8.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 20 and placed in a separate envelope numbered scr51: 20d. It was also assigned the SFMNHP Classified number A16.41369.</p> |
| Box 2 | <p>Item No. 081. Albatross (built 1882; steamship: U.S. Bureau of Fisheries) tail shaft view while in drydock at Union Iron Works, San Francisco, California, for conversion to a gunboat for the Spanish-American War, 1898 June</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.5 x 10 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 20 and placed in a separate envelope numbered scr51: 20e. It was also assigned the SFMNHP Classified number A16.41368.</p> |
| Box 2; Shared
oversize box | <p>File Unit 026. Photograph Album: Page 21, circa 1890-1905</p> <p>Extent: 5 photographs (5 physical forms).</p> <p>Physical Description: 5 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 082-086.</p> |
| Box 2 | <p>Item No. 082. Southern Pacific mammoth wharf, turntable, and roundhouse at either Port Los Angeles or Santa Monica, California, circa 1894-1905</p> <p>Creator/Collector: Rile, H.F.</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.75 x 7 in.</p> <p>Scope and Content Note</p> <p>The pier was 4,700 feet long.</p> <p>During conservation work in 1983, this print was removed from album page 21 and placed in a separate envelope numbered scr51: 21a. It was also assigned the SFMNHP Classified number D12.41467.</p> |
| Box 2 | <p>Item No. 083. Creosote retort made for P.G. Co. that burst in testing, circa 1890-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 5 x 8 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 21 and placed in a separate envelope numbered scr51: 21b. It was also assigned the SFMNHP Classified number L00.41468.</p> |
| Box 2 | <p>Item No. 084. Steering engine likely built by Union Iron Works, San Francisco, California, circa 1890-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.25 x 4.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 21 and placed in a separate envelope numbered scr51: 21c. It was also assigned the SFMNHP Classified number V73.41469.</p> |
-

Box 2

Item No. 095. **Sea King (tugboat) as a spectator boat at the launch of Olympia (built 1892; cruiser: U.S. Navy) at Union Iron Works, San Francisco, California, 1892 November 5**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4 x 8 in.

Scope and Content Note

This image was previously incorrectly identified as the launch of OREGON.

During conservation work in 1983, this print was removed from album page 23 and placed in a separate envelope numbered scr51: 23d. It was also assigned the SFMNHP Classified number A18.41479.

Box 2

Item No. 096. **Oregon (built 1893; battleship: U.S. Navy) launch at Union Iron Works, San Francisco, California, with several spectator boats in the foreground, 1893 October 26**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.5 x 7.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 23 and placed in a separate envelope numbered scr51: 23e. It was also assigned the SFMNHP Classified number A18.41480.

Box 2; Shared
collections box;
Shared oversize
box

File Unit 029. **Photograph Album: Page 24, circa 1890-1905**

Extent: 6 photographs (6 physical forms).

Physical Description: 5 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Items 097-101.

Box 2

Item No. 097. **Olympia (built 1892; cruiser: U.S. Navy) air pumps, likely built by Union Iron Works, San Francisco, California, circa 1892-1894**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.25 x 7.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 24 and placed in a separate envelope numbered scr51: 24a. It was also assigned the SFMNHP Classified number V73.41481.

Box 2; Shared
collections box

Item No. 098. **Oregon (built 1893; battleship: U.S. Navy) launch at Union Iron Works, San Francisco, California, with several spectator boats in the foreground, 1893 October 26**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 4.25 x 7.75 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 24 and placed in a separate envelope numbered scr51: 24b. It was also assigned the SFMNHP Classified number A18.41482.

Box 3; Shared
oversize box

File Unit 031. **Photograph Album: Page 26, circa 1890-1905**

Extent: 5 photographs (5 physical forms).

Physical Description: 5 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 104-108.

Box 3

Item No. 104. **Hydraulic bending machine built by Union Iron Works, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 6.75 x 8.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 26 and placed in a separate envelope numbered scr51: 26a. It was also assigned the SFMNHP Classified number V73.41486.

Box 3

Item No. 105. **Air pumps built for Monterey (built 1891; monitor: U.S. Navy) by Dow Steam Pump Works, San Francisco, California, circa 1891**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.25 x 7.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 26 and placed in a separate envelope numbered scr51: 26b. It was also assigned the SFMNHP Classified number V73.41487.

Box 3

Item No. 106. **Marine steam engine, unidentified, built by Union Iron Works, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.25 x 6.75 in.

Scope and Content Note

Two men are also in view.

During conservation work in 1983, this print was removed from album page 26 and placed in a separate envelope numbered scr51: 26c. It was also assigned the SFMNHP Classified number V73.41488.

Box 3

Item No. 107. **Union Iron Works shipyard, San Francisco, California, circa 1880-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 3.25 x 7.5 in.

Scope and Content Note

Superstructure of one of the shipways in the background.

During conservation work in 1983, this print was removed from album page 26 and placed in a separate envelope numbered scr51: 26d. It was also assigned the SFMNHP Classified number A20.41489.

-
- | | |
|-------------------------------|---|
| Box 3 | <p>Item No. 113. McDowell (steamship) engine, likely built by Union Iron Works, San Francisco, California, circa 1885-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.25 x 6.25 in.</p> <p>Scope and Content Note</p> <p>Possibly GENERAL MCDOWELL (built 1886; freighter: U.S. Army).</p> <p>During conservation work in 1983, this print was removed from album page 27 and placed in a separate envelope numbered scr51: 27e. It was also assigned the SFMNHP Classified number V73.41494.</p> |
| Box 3 | <p>Item No. 114. Hunts coal hoist at Union Iron Works, San Francisco, California, circa 1890-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 6 x 9.25 in.</p> <p>Scope and Content Note</p> <p>250 tons in 10 hours. An unidentified steamship is alongside. A three-masted sailing vessel is in the background.</p> <p>During conservation work in 1983, this print was removed from album page 27 and placed in a separate envelope numbered scr51: 27f. It was also assigned the SFMNHP Classified number A19.41495.</p> |
| Box 3 | <p>Item No. 115. Monterey (built 1891; monitor: U.S. Navy), broadside view, in the stream with people on deck, possibly after delivery at Mare Island, California, circa 1893</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.25 x 7.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 27 and placed in a separate envelope numbered scr51: 27g. It was also assigned the SFMNHP Classified number A01.41496.</p> |
| Box 3; Shared
oversize box | <p>File Unit 033. Photograph Album: Page 28, circa 1890-1905</p> <p>Extent: 6 photographs (6 physical forms).</p> <p>Physical Description: 4 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white albumen photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 116-121.</p> |
| Box 3 | <p>Item No. 116. Dynamo engine, 600 horsepower, built by Union Iron Works for the Mission Street Electric Rail Road Company, both of San Francisco, California, 1890-1894</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.5 x 9.25 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 28 and placed in a separate envelope numbered scr51: 28a. It was also assigned the SFMNHP Classified number A24.41497.</p> |
-

-
- | | |
|-------------------------------|--|
| Box 3 | <p>Item No. 117. Whisper (passenger vessel?) marine engine built by Union Iron Works, San Francisco, California, circa 1891</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 28 and placed in a separate envelope numbered scr51: 28b. It was also assigned the SFMNHP Classified number V73.41498.</p> |
| Box 3 | <p>Item No. 118. Salmo (built 1889; tugboat) engine built by Union Iron Works, San Francisco, California, circa 1889</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.25 x 4.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 28, numbered scr51: 28c, and placed in a separate envelope along with scr51: 28d. It was also assigned the SFMNHP Classified number V73.41499.</p> |
| Box 3 | <p>Item No. 119. Salmo (built 1889; tugboat) engine built by Union Iron Works, San Francisco, California, circa 1889</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 4.25 x 5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 28, numbered scr51: 28d, and placed in a separate envelope along with scr51: 28c. It was also assigned the SFMNHP Classified number V73.41499.</p> |
| Box 3 | <p>Item No. 120. Dogshore for launching as seen under an unidentified vessel, likely at Union Iron Works, San Francisco, California, 1893</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white albumen photographic print, 4.25 x 7.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 28 and placed in a separate envelope numbered scr51: 28e.</p> |
| Box 3 | <p>Item No. 121. Launching blocks under an unidentified vessel, likely at Union Iron Works, San Francisco, California, 1893</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white albumen photographic print, 4.25 x 7.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 28 and placed in a separate envelope numbered scr51: 28f.</p> |
| Box 3; Shared
oversize box | <p>File Unit 034. Photograph Album: Page 29, circa 1890-1905</p> <p>Extent: 7 photographs (7 physical forms).</p> <p>Physical Description: 7 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 122-128.</p> |
-

Box 3

Item No. 127. **U.S. naval vessel, unidentified, in the stream after launching, as seen from the end of the ways, likely at Union Iron Works, San Francisco, California, circa 1892-1893**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 7.25 x 9.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 29 and placed in a separate envelope numbered scr51: 29f. It was also assigned the SFMNHP Classified number A20.41505.

Box 3

Item No. 128. **Launching blocks and dogshore under an unidentified vessel, likely at Union Iron Works, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4 x 7.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 29 and placed in a separate envelope numbered scr51: 29g. It was also assigned the SFMNHP Classified number A24.41506.

Box 3; Shared
oversize box

File Unit 035. **Photograph Album: Page 30, circa 1890-1905**

Extent: 7 photographs (7 physical forms).

Physical Description: 7 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 129-135.

Box 3

Item No. 129. **O'Neill cut off engine, likely built by Union Iron Works, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.25 x 7.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 30 and placed in a separate envelope numbered scr51: 30a. It was also assigned the SFMNHP Classified number V73.41507.

Related Material

A copy negative was made from the print and cataloged in the SFMNHP Classified Photograph Collection as Item L00.40423.

Box 3

Item No. 130. **Donkey engine boiler and hoist built by Union Iron Works, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.5 x 5.25 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 30 and placed in a separate envelope numbered scr51: 30b. It was also assigned the SFMNHP Classified number V73.41508.

Box 5

File Unit 036. **Photograph Album: Page 31, circa 1890-1905**

Extent: 7 photographs (7 physical forms).

Physical Description: 6 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white albumen photographic print, smaller than 8 x 10 in.

Scope and Content Note

Items 136-142. Views of SAN FRANCISCO (built 1889; cruiser: U.S. Navy); steam winch for OREGON (built 1893; battleship: U.S. Navy); wagons; and an unidentified piece of machinery.

Box 5

File Unit 037. **Photograph Album: Page 32, circa 1890-1905**

Extent: 7 photographs (7 physical forms).

Physical Description: 7 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 143-149. Views of a copper smelting furnace; barbettes; a hoist; a rocking grate bar; WHISPER (yacht) on the ways; and employees posing on the boilers of NEW YORK (steamship).

Box 5; Shared
collections box

File Unit 038. **Photograph Album: Page 33, circa 1890-1905**

Extent: 8 photographs (10 physical forms).

Physical Description: 6 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white albumen photographic prints, smaller than 8 x 10 in.; 2 black-and-white copy negatives, 4 x 5 in.

Scope and Content Note

Items 150-157. Views of machinery; the Union Iron Works yard; and MONTEREY (built 1891; monitor: U.S. Navy) under construction. Also a view of men, including one in a diving suit, alongside CHARLESTON (built 1888; cruiser: U.S. Navy).

Box 5; Shared
collections box

Item No. 155. **Engine built for Charleston (built 1888; cruiser: U.S. Navy), with two unidentified men standing alongside, at Union Iron Works, San Francisco, California, circa 1888**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 4.25 x 7.75 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75129.

Scope and Content Note

Print is adhered to album page 33.

Box 5; Shared
collections box

Item No. 156. **Union Iron Works yard, general view, San Francisco, California, circa 1885-1905**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 3.75 x 7.5 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75286.

Scope and Content Note

Print is adhered to album page 33.

Box 5; Shared
collections box

File Unit 039. **Photograph Album: Page 34, circa 1890-1905**

Extent: 4 photographs (5 physical forms).

Physical Description: 4 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Items 158-161. Views of Powell Street and Mission Street boilers, San Francisco; a melting furnace; and a close up of the propeller and rudder of WILLAMETTE (steamship).

Box 5; Shared
collections box

File Unit 043. **Photograph Album: Page 38, 1894-1897**

Extent: 3 photographs (4 physical forms).

Physical Description: 3 cyanotypes, 13.5 x 16.5 in. and smaller; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Items 175-177. Two views of OREGON (built 1893; battleship: U.S. Navy), pierside and in dry dock; and one view of the Market Street Railway Company's Bryant Avenue power house, San Francisco.

Box 5

Item No. 176. **Market Street Railway Company's Bryant Avenue power house, interior view, San Francisco, California, 1897 July**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 13.5 x 16.5 in.

Scope and Content Note

Print is adhered to album page 38.

Related Material

Two copy negatives were made from the print. One was cataloged in the SFMNHP Classified Photograph Collection as Item RR0.39196, and one was cataloged as A13.40426.

Box 5; Shared
collections box

Item No. 177. **Oregon (built 1893; battleship: U.S. Navy), bow view, in Hunters Point drydock, San Francisco, California, 1894 August 12**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 7 x 9.25 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Print is adhered to album page 38.

Box 5

File Unit 044. **Photograph Album: Page 39, circa 1890-1905**

Extent: 4 photographs (4 physical forms).

Physical Description: 4 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 178-181. Views of OREGON (built 1893; battleship: U.S. Navy) in the Hunters Point drydock, San Francisco; an armor plate for OREGON; and a sectional union crusher.

Box 5

File Unit 045. **Photograph Album: Page 40, circa 1890-1905**

Extent: 7 photographs (7 physical forms).

Physical Description: 7 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 182-188. Views of various machinery.

Box 5

File Unit 046. **Photograph Album: Page 41, circa 1890-1905**

Extent: 4 photographs (4 physical forms).

Physical Description: 4 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 189-192. Views of various machinery and parts.

- Box 5 File Unit 047. **Photograph Album: Page 42, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 193-196. Views of MONTEREY (built 1891; monitor: U.S. Navy) in drydock; a water tube boiler built for the San Francisco Examiner; a hydraulic steering gear built for MONTEREY; and a band saw mill.
- Box 5 File Unit 048. **Photograph Album: Page 43, 1894**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 197-199. View of turret rings and roller path for OREGON (built 1893; battleship: U.S. Navy). Two views of a band saw mill.
- Box 5 File Unit 049. **Photograph Album: Page 44, circa 1890-1905**
Extent: 6 photographs (6 physical forms).
Physical Description: 6 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 200-205. Views of the interior of the Union Iron Works shop and of various machinery.
- Box 5 File Unit 050. **Photograph Album: Page 45, circa 1890-1905**
Extent: 5 photographs (5 physical forms).
Physical Description: 5 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 206-210. Views of ANNIE JOHNSON (bark, 3m) in drydock; a hydraulic press; pump plungers; a locomotive derailment; and the Forth Bridge in Scotland.
- Box 5 File Unit 051. **Photograph Album: Page 46, 1896**
Extent: 3 items (3 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 1 newspaper clipping.
Scope and Content Note
Items 211-213. Two photographs of ZARAGOZA (built 1891; gunboat: Mexican Navy) in drydock. One newspaper clipping about the vessel's arrival in San Francisco.
- Box 5 File Unit 052. **Photograph Album: Page 47, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 214-216. ZARAGOZA (built 1891; gunboat: Mexican Navy) in drydock; an unidentified ship launching; and the Spring Valley Water Works Company pumps, San Francisco.

-
- | | |
|-------------------------------|---|
| Box 5 | <p>Item No. 216. Spring Valley Water Works Company pumps, 17th Street, San Francisco, California, 1895</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Pumps built by Union Iron Works, San Francisco, California. Print is adhered to album page 47.</p> <p>Related Material</p> <p>A copy negative was made from the print and cataloged in the SFMNHP Classified Photograph Collection as Item A13.40425.</p> |
| Box 5 | <p>File Unit 053. Photograph Album: Page 48, 1889</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 217-218. Two views of ADLER (built 1883; gunboat; German Navy) wrecked after a hurricane at Apia, Samoa.</p> |
| Box 5 | <p>File Unit 054. Photograph Album: Page 49, 1895</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 219-220. Two close up views of damage to the side of CITY OF RIO DE JANEIRO (built 1878; passenger vessel) while in drydock at Nagasaki, Japan.</p> |
| Box 5 | <p>File Unit 055. Photograph Album: Page 50, circa 1890-1905</p> <p>Extent: 6 photographs (6 physical forms).</p> <p>Physical Description: 6 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 221-226. Views of various machinery.</p> |
| Box 5 | <p>File Unit 056. Photograph Album: Page 51, circa 1890-1905</p> <p>Extent: 3 photographs (3 physical forms).</p> <p>Physical Description: 3 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 227-229. Views of pumping engines for Spring Valley Water Works and Golden Gate Park, both of San Francisco. One view of Cornish crushing rolls.</p> |
| Box 5; Shared collections box | <p>File Unit 057. Photograph Album: Page 52, circa 1890-1905</p> <p>Extent: 4 photographs (5 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white photographic prints, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Items 230-233. Views of OREGON (built 1893; battleship: U.S. Navy) underway; a diagram of a first class battleship; a boring mill; and an unidentified piece of equipment for EL PRIMERO (built 1893; steam yacht).</p> |

Box 5; Shared collections box	<p>Item No. 232. Scale drawing of a first class battleship, starboard broadside view and view from above, circa 1885-1905</p> <p>Extent: 1 photograph (2 physical forms).</p> <p>Physical Description: 1 cyanotype, 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75192.</p> <p>Scope and Content Note</p> <p>Print is adhered to album page 52.</p>
Box 5	<p>File Unit 058. Photograph Album: Page 53, circa 1890-1905</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 234-237. Views of a friction hoist; a tubular boiler; and a ship model of OLYMPIA (built 1892; cruiser: U.S. Navy).</p>
Box 5	<p>File Unit 059. Photograph Album: Page 54, circa 1894</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 238-239. Two views of OREGON (built 1893; battleship: U.S. Navy) underway.</p>
Box 5	<p>File Unit 060. Photograph Album: Page 55, circa 1894</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 240-241. Two views of OREGON (built 1893; battleship: U.S. Navy) underway.</p>
Box 5	<p>Item No. 240. Oregon (built 1893; battleship: U.S. Navy) underway, starboard bow view, 1894</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Print is adhered to album page 55.</p> <p>Related Material</p> <p>A copy negative was made from the print and cataloged in the SFMNHP Classified Photograph Collection as Item B07.20708.</p>
Box 5	<p>File Unit 061. Photograph Album: Page 56, circa 1894</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 242-243. Two views of OREGON (built 1893; battleship: U.S. Navy) underway.</p>
Box 5	<p>File Unit 062. Photograph Album: Page 57, circa 1894</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 244-245. Two views of OREGON (built 1893; battleship: U.S. Navy) underway, one of which is a view from on deck.</p>

- Box 5 File Unit 063. **Photograph Album: Page 58, circa 1890-1905**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 246-247. Views of SAN FRANCISCO (built 1889; cruiser: U.S. Navy) and OLYMPIA (built 1892; cruiser: U.S. Navy).
- Box 5 File Unit 064. **Photograph Album: Page 59, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, 11.75 x 15.75 and smaller.
Scope and Content Note
Items 248-250. One view of OLYMPIA (built 1892; cruiser: U.S. Navy) and two views of MONTEREY (built 1891; monitor: U.S. Navy).
- Box 5 File Unit 065. **Photograph Album: Page 60, 1895**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 251-252. One view of CITY OF PUEBLA (built 1881; steamship) in drydock at Union Iron Works and one view of a rifle to be loaded aboard OREGON (built 1893; battleship: U.S. Navy).
- Box 5 File Unit 066. **Photograph Album: Page 61, circa 1890-1905**
Extent: 5 photographs (5 physical forms).
Physical Description: 5 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 253-257. Views of a Roney stoker and a rocking grate.
- Box 5 File Unit 067. **Photograph Album: Page 62, 1895**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 258-259. View of the Spring Valley Water Works Company pump, San Francisco. Also a double geared hoist.
- Box 5 File Unit 068. **Photograph Album: Page 63, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 260-262. Views of a McCulley crusher; CHARLESTON (built 1888; cruiser: U.S. Navy) at anchor; and Spring Valley Water Works Company pumps, San Francisco.
- Box 5 File Unit 069. **Photograph Album: Page 64, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 263-266. Two interior views of the Union Iron Works erecting shop and two diagrams of a triple expansion engine.
-

- Box 5 File Unit 070. **Photograph Album: Page 65, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 267-269. One interior view of the Union Iron Works erecting shop; one diagram of a triple expansion engine; and one diagram of a windlass for MONTEREY (built 1891; monitor: U.S. Navy).
- Box 5 File Unit 071. **Photograph Album: Page 66, circa 1890-1905**
Extent: 6 photographs (6 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 270-275. Views of various mining and mill machinery.
- Box 5 File Unit 072. **Photograph Album: Page 67, circa 1890-1905**
Extent: 7 photographs (7 physical forms).
Physical Description: 5 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 276-282. Views of various machinery and equipment.
- Box 5 File Unit 073. **Photograph Album: Page 68, 1895**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 283-284. Two views of OREGON (built 1893; battleship: U.S. Navy).
- Box 5 File Unit 074. **Photograph Album: Page 69, 1895**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 285-287. One view of OREGON (built 1893; battleship: U.S. Navy) pierside and two views of CITY OF EVERETT (built 1894; whaleback steamer) in drydock.
- Box 5 File Unit 075. **Photograph Album: Page 70, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white photographic print, smaller than 8 x 10 in.
Scope and Content Note
Items 288-290. One diagram of the Market Street Railway Company's general power house, San Francisco. Also views of a Cully rock crusher and a rotary screen.
- Box 5 File Unit 076. **Photograph Album: Page 71, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 291-293. One view of a triple expansion engine. Two views of the missionary boat NORTHERN LIGHT (paddle launch), one of which shows the dedication ceremony.
-

- Box 5 File Unit 077. **Photograph Album: Page 72, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 1 cyanotype, smaller than 8 x 10 in.; 3 black-and-white albumen photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 294-297. One view of lighters built for the Pacific Mail Steamship Company and three views of air pumps built for OLYMPIA (built 1892; cruiser: U.S. Navy).
- Box 5 File Unit 078. **Photograph Album: Page 73, circa 1892**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 298-299. Views of a triple expansion engine built for OLYMPIA (built 1892; cruiser: U.S. Navy).
- Box 5 File Unit 079. **Photograph Album: Page 74, circa 1890-1905**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 300-301. One view of large guns loaded on flat railcars and one view of a gun being loaded aboard OREGON (built 1893; battleship: U.S. Navy).
- Box 5 File Unit 080. **Photograph Album: Page 75, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 302-305. Views of various machinery.
- Box 5 File Unit 081. **Photograph Album: Page 76, 1896**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 306-308. Views of a gun being loaded aboard OREGON (built 1893; battleship: U.S. Navy); a dynamo engine; and OREGON in drydock.
- Box 5 File Unit 082. **Photograph Album: Page 77, 1896 March**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 309-310. Interior views of Union Iron Work's erecting shop, San Francisco, California.
- Box 5 File Unit 083. **Photograph Album: Page 78, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 311-314. Two views of the fire proofing plant and two views of a dynamo engine.
-

- Box 5 File Unit 084. **Photograph Album: Page 79, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 315-317. One interior view of Union Iron Work's erecting shop; one view of an elephant boiler front; and one view of a Lake Tahoe boat engine.
- Box 5 File Unit 085. **Photograph Album: Page 80, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 318-321. One view of TAHOE (steamship) under construction at Union Iron Works; two views of dynamo engines; and one view of a steering engine built for MARIETTA (built 1897; gunboat: U.S. Navy) or WHEELING (built 1897; gunboat: U.S. Navy).
- Box 5 File Unit 086. **Photograph Album: Page 81, 1896**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 322-324. Views of a shell of a fire box boiler built for TAHOE (steamship); blower engines; and a stroke dynamo engine.
- Box 5 File Unit 087. **Photograph Album: Page 82, circa 1895-1896**
Extent: 3 photographs (3 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white photomechanical print, smaller than 8 x 10 in.
Scope and Content Note
Items 325-327. Views of the dedication ceremony for the missionary boat NORTHERN LIGHT (paddle launch) and double direct acting hoists.
- Box 5 File Unit 088. **Photograph Album: Page 83, 1896-1897**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 328-330. Views of double direct acting hoists and a generator.
- Box 5 File Unit 089. **Photograph Album: Page 84, 1896**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 331-334. Views of OREGON (built 1893; battleship: U.S. Navy).
- Box 5 File Unit 090. **Photograph Album: Page 85, circa 1896-1897**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 335-338. One view of OREGON (built 1893; battleship: U.S. Navy) returning from its trial trip; two views of a hoisting engine for Anaconda Mining Company; and one view of a motor.
-

Box 5; Shared
collections box

File Unit 097. **Photograph Album: Page 92, 1897**

Extent: 2 photographs (3 physical forms).

Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Items 360-361. One view of a men aboard ROCKAWAY (tugboat) for a stockholders meeting at Union Iron Works and one view of sugar boiling pans.

Box 5; Shared
collections box

Item No. 361. **Seamless steel sugar boiling pans at Union Iron Works, San Francisco, California, 1897 August 28**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Twelve sugar bowls and an unidentified man in view. Handwritten on the album page next to the print: "These sugar pans made by Continental Iron Wks, Brooklyn, N.Y., were ordered by Millner Bros. S.F. for J. Berkeley Hays, marked J.B.H., Triumfo [sic], Salvador." Print is adhered to album page 92.

Box 3; Shared
oversize box

File Unit 098. **Photograph Album: Page 93, 1897**

Extent: 4 photographs (4 physical forms).

Physical Description: 4 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 362-365.

Box 3

Item No. 362. **Radial drill press built by Union Iron Works, San Francisco, California, 1897 March**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 8 x 9.25 in.

Scope and Content Note

Image is annotated.

During conservation work in 1983, this print was removed from album page 93 and placed in a separate envelope numbered scr51: 93a. It was also assigned the SFMNHP Classified number A23.41367.

Box 3

Item No. 363. **Shaft, labeled intermediate section, possibly showing wear, 1897**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.75 x 8 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 93 and placed in a separate envelope numbered scr51: 93b. It was also assigned the SFMNHP Classified number V73.41366.

Box 3

Item No. 364. **Shaft, labeled intermediate section, possibly showing wear, 1897**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 4.75 x 8 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 93 and placed in a separate envelope numbered scr51: 93c. It was also assigned the SFMNHP Classified number V73.41365.

Box 3	<p>Item No. 365. Detrick & Harvey open side planer, 48 x 48 inches, built by Union Iron Works, San Francisco, California, 1897</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7.25 x 9.25 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 93 and placed in a separate envelope numbered scr51: 93d. It was also assigned the SFMNHP Classified number A24.41364.</p>
Shared oversize box	<p>File Unit 099. Photograph Album: Page 94, 1897</p> <p>Extent: 1 photograph (1 physical form).</p> <p>Physical Description: 1 cyanotype, 13.5 x 16.5 in.</p> <p>Scope and Content Note</p> <p>Item 366.</p>
Shared oversize box	<p>Item No. 366. Marietta (built 1897; gunboat: U.S. Navy) and Wheeling (built 1897; gunboat: U.S. Navy) in drydock at Union Iron Works, San Francisco, California, 1897 May 8</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 13.5 x 16.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 94 and placed on a mount numbered scr51: 94. It was also assigned the SFMNHP Classified number A16.41392.</p>
Box 5	<p>File Unit 100. Photograph Album: Page 95, circa 1898</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 367-370. Views of various machinery.</p>
Box 5	<p>File Unit 101. Photograph Album: Page 96, circa 1897</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 371-374. Views of various machinery.</p>
Box 5; Shared collections box	<p>File Unit 102. Photograph Album: Page 97, circa 1897</p> <p>Extent: 5 photographs (6 physical forms).</p> <p>Physical Description: 5 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Items 375-379. Views of various machinery and one view of the erecting floor in the new boiler shop at Union Iron Works.</p>
Box 5; Shared collections box	<p>Item No. 375. Milling oil grooves in guides for Newport (steamship) at Union Iron Works, San Francisco, California, 1897 May</p> <p>Extent: 1 photograph (2 physical forms).</p> <p>Physical Description: 1 cyanotype, 8 x 9.75 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Print is adhered to album page 97.</p>

- Box 5 File Unit 103. **Photograph Album: Page 98, circa 1897**
Extent: 5 photographs (5 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white photographic print, smaller than 8 x 10 in.
Scope and Content Note
Items 380-384. Views of winches, a boiler, and a steering engine.
- Box 5 File Unit 104. **Photograph Album: Page 99, circa 1897**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 385-387; 764. Views of the interior of the erecting shop; an open side planer; cylinders; and a 26 ft. diameter ring for a boiler drill press.
- Shared collections box Item No. 764. **26 ft. diameter ring for a boiler drill press built by Union Iron Works, San Francisco, California, 1897 May**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 8 x 10 in. "Weight 54000 lbs" handwritten on print.
Scope and Content Note
Note: In March 2013, it was discovered that an Item in the field collection SAFR-00454 actually belonged in this collection. This Item ("(1) 8" x 10" cyanotype - Union Iron Works May 1897") has been returned to P79-072a (SAFR 23362) and assigned Item number 764. See the collection file for more information.
Caption: 26 ft. Dia. Ring for Boiler Drill Press on 30 ft. Yert. Boreing [sic] Mill Union Iron Works - May 1897.
- Box 5 File Unit 105. **Photograph Album: Page 100, 1897 October-November**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 388-391. CHITOSE (built 1898; cruiser: Imperial Japanese Navy) under construction at Union Iron Works, San Francisco, California.
- Box 5 File Unit 106. **Photograph Album: Page 101, 1897 May-August**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 392-395. CHITOSE (built 1898; cruiser: Imperial Japanese Navy) under construction at Union Iron Works.
- Box 5 File Unit 107. **Photograph Album: Page 102, circa 1898**
Extent: 5 photographs (5 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 396-400. Two views of CHITOSE (built 1898; cruiser: Imperial Japanese Navy) under construction and three views of parts built for CHITOSE.

- Box 5 File Unit 108. **Photograph Album: Page 103, circa 1898**
Extent: 3 photographs (3 physical forms).
Physical Description: 2 cyanotypes, 13 x 16 in. and smaller; 1 black-and-white photographic print, smaller than 8 x 10 in.
Scope and Content Note
Items 401-403. Two views of a part built for CHITOSE (built 1898; cruiser: Imperial Japanese Navy) and one view of the CHITOSE launch.
- Box 5 File Unit 109. **Photograph Album: Page 104, circa 1898**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 13 x 16 in.
Scope and Content Note
Item 404. Engine built for CHITOSE (built 1898; cruiser: Imperial Japanese Navy).
- Box 5 File Unit 110. **Photograph Album: Page 105, circa 1898**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 13 x 16 in.
Scope and Content Note
Item 405. Engine built for CHITOSE (built 1898; cruiser: Imperial Japanese Navy).
- Box 5 File Unit 111. **Photograph Album: Page 106, circa 1888-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 406-408. One view of MONTEREY (built 1891; monitor: U.S. Navy) in the stream with laundry drying on the rigging. Two views below deck of CHARLESTON (built 1888; cruiser: U.S. Navy).
- Box 5; Shared collections box File Unit 112. **Photograph Album: Page 107, 1897-1898**
Extent: 4 photographs (5 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.
Scope and Content Note
Items 409-412. Three views of WISCONSIN (built 1898; battleship: U.S. Navy) under construction and one view of WISCONSIN's hydraulic steering gear.
- Box 5; Shared collections box Item No. 410. **Wisconsin (built 1898; battleship: U.S. Navy) under construction, bow view as seen through the scaffolding, at Union Iron Works, San Francisco, California, 1897 October**
Extent: 1 photograph (2 physical forms).
Physical Description: 1 cyanotype, 7.75 x 9.25 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75097.
Scope and Content Note
Print is adhered to album page 107.
- Box 5; Shared collections box File Unit 113. **Photograph Album: Page 108, 1898-1900**
Extent: 4 photographs (5 physical forms).
Physical Description: 1 cyanotype, smaller than 8 x 10 in.; 3 black-and-white photographic prints, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.
Scope and Content Note
Items 413-416. Views of WISCONSIN (built 1898; battleship: U.S. Navy) launching and underway as well as views of the armor plate and upper ring turret built for the vessel.
-

Box 5; Shared
collections box

Item No. 414. **Upper ring for a 13 inch turret built for Wisconsin (built 1898; battleship: U.S. Navy) by Union Iron Works, San Francisco, California, 1897-1900**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 black-and-white photographic print, 6.75 x 9.5 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75101.

Scope and Content Note

23 feet in diameter and 33,000 pounds weight. Six men are standing in front of the ring which is being held upright by a hook. Print is adhered to album page 108.

Box 5

File Unit 114. **Photograph Album: Page 109, 1898 December**

Extent: 1 photograph (1 physical form).

Physical Description: 1 cyanotype, 12.75 x 15.75 in.

Scope and Content Note

Item 417. Engine built for WISCONSIN (built 1898; battleship: U.S. Navy).

Box 5

File Unit 115. **Photograph Album: Page 110, 1898 December**

Extent: 1 photograph (1 physical form).

Physical Description: 1 cyanotype, 12 x 15 in.

Scope and Content Note

Item 418. Engine built for WISCONSIN (built 1898; battleship: U.S. Navy).

Box 5; Shared
collections box

File Unit 116. **Photograph Album: Page 111, 1898 December**

Extent: 1 photograph cal forms).

Physical Description: 1 cyanotype, 12.5 x 16.25 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Item 419.

Box 5; Shared
collections box

Item No. 419. **Engine built for Wisconsin (built 1898; battleship: U.S. Navy), 1898 December 31**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 cyanotype, 12.5 x 16.25 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75106.

Scope and Content Note

Print is adhered to album page 111.

Box 5; Shared
collections box

File Unit 117. **Photograph Album: Page 112, circa 1898**

Extent: 3 photographs (4 physical forms).

Physical Description: 3 black-and-white photographic prints, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.

Scope and Content Note

Items 420-422. Views of WISCONSIN (built 1898; battleship: U.S. Navy) in the stream.

Box 5; Shared
collections box

Item No. 420. **Looking down upon the deck of Wisconsin (built 1898; battleship: U.S. Navy) from atop a mast, circa 1898-1905**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 black-and-white photographic print, 3.25 x 10.5 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75107.

Scope and Content Note

Print is adhered to album page 112.

- Box 5 File Unit 118. **Photograph Album: Page 113, circa 1890-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photomechanical prints, smaller than 8 x 10 in.
Scope and Content Note
Items 423-426. Illustrations of hoist engines.
- Box 5 File Unit 119. **Photograph Album: Page 114, 1898**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 12.75 x 16.25 in.
Scope and Content Note
Item 427. Double hoisting engine built by Union Iron Works, San Francisco, California.
- Box 5 File Unit 120. **Photograph Album: Page 115, 1898**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 13 x 16.25 in.
Scope and Content Note
Item 428. Double hoisting engine built by Union Iron Works, San Francisco, California.
- Box 5 File Unit 121. **Photograph Album: Page 116, 1898 March 19**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 12.5 x 16 in.
Scope and Content Note
Item 429.
- Box 5 Item No. 429. **Oregon (built 1893; battleship: U.S. Navy), bow view, sailing for Cuba, 1898 March 19**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 12.5 x 16 in.
Scope and Content Note
Print is adhered to album page 116.
Related Material
A copy negative was made from the print and cataloged in the SFMNHP Classified Photograph Collection as Item B06.20707.
- Box 5 File Unit 122. **Photograph Album: Page 117, 1898 March 19**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 13.5 x 16.5 in.
Scope and Content Note
Item 430. OREGON (built 1893; battleship: U.S. Navy), broadside view, sailing for Cuba.
- Box 5 File Unit 123. **Photograph Album: Page 118, 1898 April**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 431-434. Alaska Commercial Company sternwheel engines.

- Box 5 File Unit 127. **Photograph Album: Page 122, 1898 April-June**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 443-444. Views of a distilling plant and a broken conning tower.
- Box 5 File Unit 128. **Photograph Album: Page 123, circa 1898**
Extent: 4 photographs (4 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white photographic print, smaller than 8 x 10 in.
Scope and Content Note
Items 445-448. Views of a stroke engine for a sternwheeler; a boiler shell drill; and a milling machine. Also an advertisement for a horizontal post-boring and drilling machine built by Bement, Miles, and Company.
- Box 5 File Unit 129. **Photograph Album: Page 124, 1898 March-July**
Extent: 5 photographs (5 physical forms).
Physical Description: 5 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 449-453. Views of a Thornycroft boiler and engines built for FARRAGUT (built 1898; torpedo boat: U.S. Navy). Also view of FARRAGUT ready to launch.
- Box 5 File Unit 130. **Photograph Album: Page 125, 1898**
Extent: 7 photographs (7 physical forms).
Physical Description: 7 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 454-460. Views of FARRAGUT (built 1898; torpedo boat: U.S. Navy), MAUI (built 1898; steamship), SENATOR (built 1898; passenger vessel), and ST. PAUL (built 1898; passenger vessel).
- Box 5 File Unit 131. **Photograph Album: Page 126, 1898 May**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 461-462. CITY OF PEKING (built 1874; steamship) leaving San Francisco Bay, California, with troop transports for Manila, Philippines.
- Box 5 File Unit 132. **Photograph Album: Page 127, 1898 July**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 463-464. Views of machinery.
- Box 5 File Unit 133. **Photograph Album: Page 128, 1897-1898**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 465-468. Views of a triple expansion engine built for BERKELEY (built 1898; ferry); a distilling plant; FARRAGUT (built 1898; torpedo boat: U.S. Navy) ready to launch; and a plan for a 30 knot torpedo boat destroyer.
-

Box 5	<p>Item No. 465. Triple expansion engine built for Berkeley (built 1898; ferry) by Union Iron Works, San Francisco, California, 1898 July</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 8 x 9.75 in.</p> <p>Scope and Content Note</p> <p>Print is adhered to album page 128.</p> <p>Related Material</p> <p>A copy negative was made from the print and cataloged in the SFMNH Classified Photograph Collection as Item A04.28862.</p>
Box 5; Shared collections box	<p>File Unit 134. Photograph Album: Page 129, 1898</p> <p>Extent: 8 photographs (9 physical forms).</p> <p>Physical Description: 8 cyanotypes, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Items 469-476. Views of FARRAGUT (built 1898; torpedo boat: U.S. Navy).</p>
Box 5; Shared collections box	<p>Item No. 469. Farragut (built 1898; torpedo boat: U.S. Navy) in drydock, 1898 August</p> <p>Extent: 1 photograph (2 physical forms).</p> <p>Physical Description: 1 cyanotype, 7.25 x 8.75 in.; 1 black-and-white copy negative, 4 x 5 in. NH 75164.</p> <p>Scope and Content Note</p> <p>Six men also in view. Print is adhered to album page 129.</p>
Box 5	<p>File Unit 135. Photograph Album: Page 130, circa 1898</p> <p>Extent: 1 photograph (1 physical form).</p> <p>Physical Description: 1 cyanotype, 11.5 x 15 in.</p> <p>Scope and Content Note</p> <p>Item 477. SAIDIE (built 1898; paddle steamer) underway.</p>
Box 5; Shared collections box	<p>File Unit 136. Photograph Album: Page 131, circa 1898</p> <p>Extent: 1 photograph (2 physical forms).</p> <p>Physical Description: 1 cyanotype, 11.5 x 15.25 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Item 478.</p>
Box 5; Shared collections box	<p>Item No. 478. Saidie (built 1898; paddle steamer) underway, starboard quarter view, circa 1898-1905</p> <p>Extent: 1 photograph (2 physical forms).</p> <p>Physical Description: 1 cyanotype, 11.5 x 15.25 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Print is adhered to album page 131.</p>
Box 5	<p>File Unit 137. Photograph Album: Page 132, 1898-1899</p> <p>Extent: 3 photographs (3 physical forms).</p> <p>Physical Description: 3 cyanotypes, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 479-481. Views of the launchings of WALLULA (built 1899; tugboat) and FEARLESS (built 1899; tugboat). Also view of a wheellock engine.</p>

- Box 5 File Unit 138. **Photograph Album: Page 133, 1898**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 482-485. Dynamo engines.
- Box 5 File Unit 139. **Photograph Album: Page 134, circa 1898**
Extent: 4 photographs (4 physical forms).
Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 486-489. Views of UNION (built 1899; tugboat) launching; cylinders built for CHITOSE (built 1898; cruiser: Imperial Japanese Navy); and SANTA LUCIA (tugboat) pierside.
- Box 5 File Unit 140. **Photograph Album: Page 135, circa 1898**
Extent: 2 photographs (2 physical forms).
Physical Description: 1 cyanotype, 11.5 x 15 in.; 1 letterpress photomechanical print, 9.5 x 12.5 in.
Scope and Content Note
Items 490-491. Views of KASAGI (built 1898; cruiser: Imperial Japanese Navy) and an unidentified Japanese naval vessel.
- Box 5 File Unit 141. **Photograph Album: Page 136, 1899 April 19**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 12.25 x 15.5 in.
Scope and Content Note
Item 492. FEARLESS (built 1899; tugboat), port broadside view, on trial trip.
- Box 5 File Unit 142. **Photograph Album: Page 137, 1899 April 19**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 12.25 x 15.25 in.
Scope and Content Note
Item 493. FEARLESS (built 1899; tugboat), starboard broadside view, on trial trip.
- Box 5 File Unit 143. **Photograph Album: Page 138, circa 1898**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white photographic print, 13 x 16.25 in.
Scope and Content Note
Item 494. Machinery.
- Shared oversize box File Unit 144. **Photograph Album: Page 139, circa 1890-1905**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white photographic print, 12.75 x 16.25 in.
Scope and Content Note
Item 495.
-

Shared oversize box	<p>Item No. 495. Direct acting hoist built for the Utica Mining Company by Union Iron Works, San Francisco, California, circa 1890-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 12.75 x 16.25 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 139 and placed on a mount numbered scr51: 139.</p>
Box 3; Shared oversize box	<p>File Unit 145. Photograph Album: Page 140, circa 1895-1905</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 1 cyanotype, 7 x 9 in.; 3 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 496-499.</p>
Box 3	<p>Item No. 496. Machinery, possibly a boiler, built by Union Iron Works, San Francisco, California, circa 1900</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 cyanotype, 7 x 9 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 140 and placed in a separate envelope numbered scr51: 140a. It was also assigned the SFMNHP Classified number A24.41363.</p>
Box 3	<p>Item No. 497. Perry (built 1900; destroyer: U.S. Navy), broadside view, launching at Union Iron Works, San Francisco, California, 1900 October 27</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 6.75 x 9 in.</p> <p>Scope and Content Note</p> <p>The print had originally been adhered to album page 140. On an unknown date, the print was removed from P79-072a and placed in the SFMNHP Classified photograph collection with the item number A04.20837. On 2/13/2013, the print was removed from the Classified collection and returned to P79-072a.</p>
Shared oversize box	<p>Item No. 498. Engines built for Paul Jones (built 1902; destroyer: U.S. Navy), Perry (built 1900; destroyer: U.S. Navy), and Preble (built 1901; destroyer: U.S. Navy), 1900 October 1</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 11 x 14 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 140 and placed on a mount numbered scr51: 140c.</p>
Box 3	<p>Item No. 499. United States Navy torpedo boat, starboard view, underway on a trial run, circa 1895-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7 x 9 in.</p> <p>Scope and Content Note</p> <p>Possibly FARRAGUT (built 1898; torpedo boat: U.S. Navy).</p> <p>During conservation work in 1983, this print was removed from album page 140 and placed in a separate envelope numbered scr51: 140d.</p>

Box 3; Shared oversize box	File Unit 146. Photograph Album: Page 141, circa 1890-1905 Extent: 5 photographs (5 physical forms). Physical Description: 1 cyanotype, 6.5 x 8.5 in.; 4 black-and-white photographic prints, smaller than 8 x 10 in. Scope and Content Note Items 500-504.
Box 3	Item No. 500. Blake union crusher built by Union Iron Works, San Francisco, California, 1900 Extent: 1 photograph. Physical Description: 1 black-and-white photographic print, 6.5 x 8.75 in. Scope and Content Note For mine use. During conservation work in 1983, this print was removed from album page 141 and placed in a separate envelope numbered scr51: 141a.
Box 3	Item No. 501. Advertising view of a Dodd improved concentrator built at Union Iron Works, San Francisco, California, 1900 Extent: 1 photograph. Physical Description: 1 cyanotype, 6.5 x 8.5 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 141 and placed in a separate envelope numbered scr51: 141b. It was also assigned the SFMNHP Classified number A24.41362.
Box 3	Item No. 502. Copper convertors made for the Copper Queen Consolidated Mining Company as seen loaded on a flat railcar, possibly at Union Iron Works, San Francisco, California, circa 1890-1905 Extent: 1 photograph. Physical Description: 1 black-and-white photographic print, 7 x 9 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 141 and placed in a separate envelope numbered scr51: 141c.
Box 3	Item No. 503. Slag dump car built for the Copper Queen Consolidated Mining Company, likely by Union Iron Works, San Francisco, California, circa 1890-1905 Extent: 1 photograph. Physical Description: 1 black-and-white photographic print, 7 x 8.75 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 141 and placed in a separate envelope numbered scr51: 141d.
Box 3	Item No. 504. Tilting cradle built for the Copper Queen Consolidated Mining Company, likely by Union Iron Works, San Francisco, California, circa 1890-1905 Extent: 1 photograph. Physical Description: 1 black-and-white photographic print, 6.75 x 8.5 in. Scope and Content Note During conservation work in 1983, this print was removed from album page 141 and placed in a separate envelope numbered scr51: 141e.

Shared oversize
box

File Unit 147. **Photograph Album: Page 142, 1900 March**

Extent: 1 photograph (1 physical form).

Physical Description: 1 cyanotype, 12.5 x 14 in.

Scope and Content Note

Item 505.

Shared oversize
box

Item No. 505. **Engine built for Californian (built 1900; steamship) by Union Iron Works, San Francisco, California, 1900 March**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 12.5 x 14 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 142 and placed on a mount numbered scr51: 142. It was also assigned the SFMNHP Classified number V73.41391.

Box 5

File Unit 148. **Photograph Album: Page 143, circa 1900**

Extent: 5 photographs (5 physical forms).

Physical Description: 1 cyanotype, 11 x 13 in.; 4 black-and-white photographic prints, smaller than 8 x 10 in.

Scope and Content Note

Items 506-510. Views of CALIFORNIAN (built 1900; steamship) under construction and the engine built by Union Iron Works for CALIFORNIAN. Also an artist's conception of CALIFORNIAN underway.

Box 5

File Unit 149. **Photograph Album: Page 144, circa 1900**

Extent: 3 photographs (3 physical forms).

Physical Description: 3 black-and-white photographic prints, smaller than 8 x 10 in.

Scope and Content Note

Items 511-513. Views of CALIFORNIAN (built 1900; steamship) on her trial trip and of a cast steel quadrant built for the vessel.

Box 5

File Unit 150. **Photograph Album: Page 145, circa 1900**

Extent: 2 photographs (2 physical forms).

Physical Description: 2 black-and-white photographic prints, 6.75 x 15.75 in.

Scope and Content Note

Items 514-515. One view of CALIFORNIAN (built 1900; steamship) in the Union Iron Works drydock. One view of WISCONSIN (built 1898; battleship: U.S. Navy) pier side with CALIFORNIAN (built 1900; steamship), OHIO (built 1901; battleship: U.S. Navy), PAUL JONES (built 1902; destroyer: U.S. Navy), PERRY (built 1900; destroyer: U.S. Navy), PREBLE (built 1901; destroyer: U.S. Navy), and WYOMING (built 1900; monitor: U.S. Navy) on the ways at Union Iron Works.

Box 5

File Unit 151. **Photograph Album: Page 146, 1900 July**

Extent: 1 photograph (1 physical form).

Physical Description: 1 black-and-white photographic print, 12.5 x 15.75 in.

Scope and Content Note

Item 516. Mitchell economic hot blast furnace built by Union Iron Works for Copper Queen Consolidated Mining Company.

- Box 5 File Unit 152. **Photograph Album: Page 147, circa 1900**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 517-518. Views of a distilling plant and a boiler.
- Box 5 File Unit 153. **Photograph Album: Page 148, 1901 March**
Extent: 1 photograph (1 physical form).
Physical Description: 1 cyanotype, 13.25 x 16.5 in.
Scope and Content Note
Item 519. Geared water wheel hoist built by Union Iron Works for Eagle Shawmut Mining Company.
- Box 4; Shared
oversize box File Unit 154. **Photograph Album: Page 149, circa 1900-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, 6.75 x 15.5 in. and smaller.
Scope and Content Note
Items 520-523.
- Box 4 Item No. 520. **Outfitting dock area of Union Iron Works, San Francisco, California, showing a three-masted bark, ferry, and United States naval vessel, circa 1900-1905**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 7.5 x 9.5 in.
Scope and Content Note
The ferry is possibly TAMALPAIS (built 1901; paddle ferry).
During conservation work in 1983, this print was removed from album page 149 and placed in a separate envelope numbered scr51: 149a.
- Shared oversize
box Item No. 521. **Artist's conception of San Pablo (built 1900; paddle ferry), starboard broadside view, underway, circa 1900-1905**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 6.75 x 15.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 149 and placed on a mount numbered scr51: 149b.
- Box 4 Item No. 522. **Tamalpais (built 1901; paddle ferry), starboard quarter view, underway on trial trip, 1901 April**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 3.5 x 9 in.
Scope and Content Note
North Pacific Coast Railroad Company vessel.
During conservation work in 1983, this print was removed from album page 149 and placed in a separate envelope numbered scr51: 149c.
-

Box 4; Shared
oversize box

File Unit 156. **Photograph Album: Page 151, 1900**

Extent: 2 photographs (2 physical forms).

Physical Description: 2 black-and-white photographic prints, 12 x 15.75 in. and smaller.

Scope and Content Note

Items 528-529.

Shared oversize
box

Item No. 528. **Furnace built for Green Consolidated Copper Mining Company by Union Iron Works, San Francisco, California, 1900**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 12 x 15.75 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 141 and placed on a mount numbered scr51: 151a.

Box 4

Item No. 529. **Blast furnace for mine use, built by Union Iron Works, San Francisco, California, 1900**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 6 x 8 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 151 and placed in a separate envelope numbered scr51: 151b.

Box 4; Shared
oversize box

File Unit 157. **Photograph Album: Page 152, 1901-1902**

Extent: 5 photographs (5 physical forms).

Physical Description: 5 black-and-white photographic prints, smaller than 8 x 10 in.

Scope and Content Note

Items 530-534.

Box 4

Item No. 530. **Dump car for mine use, built by Union Iron Works, San Francisco, California, 1901**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 5 x 8 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 152 and placed in a separate envelope numbered scr51: 152a.

Box 4

Item No. 531. **Ohio (built 1901; battleship: U.S. Navy) boilers, likely built by Union Iron Works, San Francisco, California, 1902 July**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 7.5 x 9.5 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 152 and placed in a separate envelope numbered scr51: 152b.

Box 4

Item No. 532. **Ohio (built 1901; battleship: U.S. Navy) Thornycroft boiler, likely built by Union Iron Works, San Francisco, California, 1902**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 7.25 x 8 in.

Scope and Content Note

During conservation work in 1983, this print was removed from album page 152 and placed in a separate envelope numbered scr51: 152c.

- Box 4 Item No. 533. **Dump car made for mine use, built by Union Iron Works, San Francisco, California, 1901**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 8 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 152 and placed in a separate envelope numbered scr51: 152d.
- Box 4 Item No. 534. **Dump car made for mine use, built by Union Iron Works, San Francisco, California, 1901**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 8 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 152 and placed in a separate envelope numbered scr51: 152e.
- Box 5 File Unit 158. **Photograph Album: Page 153, circa 1900-1905**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white photographic print, 13 x 16.25 in.
Scope and Content Note
Item 535. View of a room containing boilers.
- Box 5 File Unit 159. **Photograph Album: Page 154, circa 1900-1905**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white photographic prints, 8 x 10 in.
Scope and Content Note
Items 536-537. Possibly the steering gear built for SAN MATEO (steamship).
- Box 5 File Unit 160. **Photograph Album: Page 155, circa 1901**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white photographic print, 13 x 15.75 in.
Scope and Content Note
Item 538.
- Box 5 Item No. 538. **Engine built for Ohio (built 1901; battleship: U.S. Navy) as seen in the Union Iron Works shop, San Francisco, California, circa 1901**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 13 x 15.75 in. NH 75111.
Scope and Content Note
Print is adhered to album page 155.
Related Material
A copy negative was made from the print and cataloged in the SFMNHP Classified Photograph Collection as Item V73.40406.
- Box 5 File Unit 161. **Photograph Album: Page 156, 1902-1903**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 539-542. Three views of WHITTIER (built 1903; steamship) launching and one view of the engine built for the vessel.
-

- Box 5 File Unit 162. **Photograph Album: Page 157, circa 1900-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 black-and-white photographic prints, smaller than 5.75 x 16.5 in.
Scope and Content Note
Items 543-545. Three panoramic views of Union Iron Works shipyard, as seen from the water.
- Box 5 File Unit 163. **Photograph Album: Page 158, circa 1902**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 546-548. Three views of ALASKAN (built 1902; steamship) underway.
- Box 4; Shared
oversize box File Unit 164. **Photograph Album: Page 159, 1902**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 549-552.
- Box 4 Item No. 549. **Paul Jones (built 1902; destroyer: U.S. Navy), starboard broadside view, underway on a trial run at 28.9 knots, 1902 July 8**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 7.75 in.
Scope and Content Note
During conservation work in 1983, this print was removed from an unnumbered album page and placed in a separate envelope numbered scr51: Unid. Odd a. It was determined on 02/15/2013 that the page is likely 159.
- Box 4 Item No. 550. **Perry (built 1900; destroyer: U.S. Navy), port broadside view, underway on a trial run at 27.5 knots, 1902 April-May**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 3.75 x 9.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from an unnumbered album page and placed in a separate envelope numbered scr51: Unid. Odd b. It was determined on 02/15/2013 that the page is likely 159.
- Box 4 Item No. 551. **Perry (built 1900; destroyer: U.S. Navy), starboard broadside view, underway on a trial run at 28.5 knots, 1902 April-May**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 3.75 x 9 in.
Scope and Content Note
During conservation work in 1983, this print was removed from an unnumbered album page and placed in a separate envelope numbered scr51: Unid. Odd c. It was determined on 02/15/2013 that the page is likely 159.
-

- Box 4
Item No. 552. **Paul Jones (built 1902; destroyer: U.S. Navy), starboard broadside view, underway on a trial run at 28.9 knots, 1902 July 8**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 8 in.
Scope and Content Note
During conservation work in 1983, this print was removed from an unnumbered album page and placed in a separate envelope numbered scr51: Unid. Odd d. It was determined on 02/15/2013 that the page is likely 159.
- Box 4; Shared
oversize box
File Unit 165. **Photograph Album: Page 160, 1902**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white photographic print, 12 x 15 in.
Scope and Content Note
Item 553.
- Shared oversize
box
Item No. 553. **Dynamo engine built for San Francisco Gas & Electric Company by Union Iron Works, San Francisco, California, 1902**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 12 x 15 in.
Scope and Content Note
During conservation work in 1983, this print was removed from an unnumbered album page and placed in a separate envelope numbered scr51: Unid. Even. It was determined on 02/15/2013 that the page is likely 160.
- Box 4; Shared
oversize box
File Unit 166. **Photograph Album: Page 161, circa 1900-1905**
Extent: 7 photographs (7 physical forms).
Physical Description: 7 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 554-560.
- Box 4
Item No. 554. **Governor for a three cylinder engine built by Union Iron Works for the United Railroads of San Francisco, California, circa 1902-1903**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 7.5 x 9.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161a.
- Box 4
Item No. 555. **Three cylinder engine built by Union Iron Works for the United Railroads of San Francisco for use at the North Beach station, San Francisco, California, circa 1902**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 7.5 x 9.75 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161b.
-

Box 4	<p>Item No. 556. Portable milling machine for oil grooves, used at Union Iron Works, San Francisco, California, circa 1900-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.75 x 9.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161c.</p>
Box 4	<p>Item No. 557. Winch, possibly built by Union Iron Works, San Francisco, California, circa 1900-1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 4.75 x 7 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161d.</p>
Box 4	<p>Item No. 558. Machinery, unidentified, possibly built by Union Iron Works, San Francisco, California, 1903</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 4.75 x 7.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161e.</p>
Box 4	<p>Item No. 559. Machinery, unidentified, possibly built by Union Iron Works, San Francisco, California, 1903</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 4.75 x 7.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161f.</p>
Box 4	<p>Item No. 560. Governor for a triple compound engine built by Union Iron Works for the United Railroads of San Francisco, California, 1902</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.5 x 9.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 161 and placed in a separate envelope numbered scr51: 161g.</p>
Box 4; Shared collections box; Shared oversize box	<p>File Unit 167. Photograph Album: Page 162, circa 1900-1905</p> <p>Extent: 8 photographs (9 physical forms).</p> <p>Physical Description: 8 black-and-white photographic prints, smaller than 8 x 10 in.; 1 black-and-white copy negative, 4 x 5 in.</p> <p>Scope and Content Note</p> <p>Items 561-568.</p>

-
- | | |
|-------------------------------|--|
| Box 4 | <p>Item No. 567. Tacoma (built 1903; cruiser: U.S. Navy), bow view, ready to launch at Union Iron Works, San Francisco, California, 1903 June</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.75 x 10 in. NH 75134.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 162 and placed in a separate envelope numbered scr51: 162g.</p> |
| Box 4 | <p>Item No. 568. Tacoma (built 1903; cruiser: U.S. Navy), bow view, tied up at the outfitting dock at Union Iron Works, San Francisco, California, 1903 June</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.75 x 9.75 in. NH 75140.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 162 and placed in a separate envelope numbered scr51: 162h.</p> |
| Box 5 | <p>File Unit 168. Photograph Album: Page 163, 1903</p> <p>Extent: 8 photographs (8 physical forms).</p> <p>Physical Description: 8 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 569-576. Views of TACOMA (built 1903; cruiser: U.S. Navy) ready to launch and in the stream. One view shows the ship's sponsor, Julia M. Harris. Two views of the engine built for the vessel.</p> |
| Box 5; Shared collections box | <p>File Unit 169. Photograph Album: Page 164, circa 1903</p> <p>Extent: 6 photographs (6 physical forms).</p> <p>Physical Description: 6 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 577-582. Close up view of machinery parts.</p> |
| Box 5; Shared collections box | <p>Item No. 581. Close up of a shaft, 1903</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 5 x 8 in.</p> <p>Scope and Content Note</p> <p>Print is partially adhered to album page 164. A portion of the print broke off and is now housed separately from the album.</p> |
| Box 5 | <p>File Unit 170. Photograph Album: Page 165, circa 1900-1905</p> <p>Extent: 5 photographs (5 physical forms).</p> <p>Physical Description: 2 cyanotypes, smaller than 8 x 10 in.; 3 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 583-587. Views of mining equipment and of the damaged wheel of TAMALPAIS (built 1901; paddle ferry).</p> |
| Box 5; Shared collections box | <p>File Unit 171. Photograph Album: Page 166, circa 1900-1905</p> <p>Extent: 5 photographs (5 physical forms).</p> <p>Physical Description: 5 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 588-592. Views of WYOMING (built 1900; monitor: U.S. Navy).</p> |
-

- Box 5 File Unit 176. **Photograph Album: Page 171, 1902**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white photographic prints, 5 x 16.75 in. and smaller.
Scope and Content Note
Items 606-607. Panoramic views of Risdon Iron Works, San Francisco, California, as seen from the water.
- Box 5 File Unit 177. **Photograph Album: Page 172, circa 1900-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 608-611. Views of machinery.
- Box 5 File Unit 178. **Photograph Album: Page 173, circa 1900-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 612-615. Views of machinery and equipment.
- Box 5 File Unit 179. **Photograph Album: Page 174, circa 1900-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 616-618. Views of an engine at the North Beach station (possibly of the United Railroads of San Francisco); a damaged rod from the engine; and a broken bed plate.
- Box 5 File Unit 180. **Photograph Album: Page 175, circa 1900-1905**
Extent: 8 photographs (8 physical forms).
Physical Description: 8 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 619-626. Views of machinery.
- Box 5 File Unit 181. **Photograph Album: Page 176, circa 1900-1905**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white photographic print, 8 x10 in.
Scope and Content Note
Item 627. Pump built for MONTEREY (built 1891; monitor: U.S. Navy).
- Box 5 File Unit 182. **Photograph Album: Page 177, circa 1904**
Extent: 7 photographs (7 physical forms).
Physical Description: 7 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 628-634. Views of LIKELIKE (built 1904; steamship) and machinery built for the vessel.
-

- Box 5 File Unit 183. **Photograph Album: Page 178, circa 1890-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 1 cyanotype, smaller than 8 x 10 in.; 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 635-637. Views of boilers built for the Powell Street Cable Railway Company, San Francisco; a water tight door; and parts for MISSOURI (built 1901; battleship: U.S. Navy).
- Box 5 Item No. 635. **Powell Street Cable Railway Company boilers built by Union Iron Works, San Francisco, California, 1893**
Extent: 1 photograph.
Physical Description: 1 cyanotype, 4.5 x 7.75 in.
Scope and Content Note
Print is adhered to album page 178.
Related Material
A copy negative was made from the print and cataloged in the SFMNHP Classified Photograph Collection as Item RR0.39195.
- Box 5 File Unit 184. **Photograph Album: Page 179, circa 1904**
Extent: 9 photographs (9 physical forms).
Physical Description: 9 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 638-646. Views of SOUTH DAKOTA (built 1904; cruiser: U.S. Navy) ready to launch and of machinery built for the vessel. One photo of an artist's conception of CALIFORNIA (built 1904; cruiser: U.S. Navy) underway.
- Box 5 File Unit 185. **Photograph Album: Page 180, 1902-1904**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 647-648. One view of QUEEN (steamship) damaged after a fire. One view of an unidentified part.
- Box 4; Shared
oversize box File Unit 186. **Photograph Album: Page 181, 1904**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 649-651.
- Box 4 Item No. 649. **Patch on a cylinder of Milwaukee (built 1904; cruiser: U.S. Navy), 1904 July 14**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 8 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 181 and placed in a separate envelope numbered scr51: 181a.
-

-
- | | |
|-------------------------------|--|
| Box 4 | <p>Item No. 650. Milwaukee (built 1904; cruiser: U.S. Navy) main engines, as seen in the Union Iron Works shop, San Francisco, California, 1904</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.25 x 9.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 181 and placed in a separate envelope numbered scr51: 181b.</p> |
| Box 4 | <p>Item No. 651. Machinery, 100 kw armature and back center, built by William Bement & Son of Philadelphia, Pennsylvania, 1904</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 8 x 10 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 181 and placed in a separate envelope numbered scr51: 181c.</p> |
| Box 4; Shared
oversize box | <p>File Unit 187. Photograph Album: Page 182, circa 1900-1905</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 652-655.</p> |
| Box 4 | <p>Item No. 652. Madrono (built 1885; lighthouse tender: U.S. Lighthouse Service) winch, possibly built by Union Iron Works, San Francisco, California, 1904</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 5 x 8 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 182 and placed in a separate envelope numbered scr51: 182a.</p> |
| Box 4 | <p>Item No. 653. Matte conveyor built for the Yampa Smelting Company, possibly by Union Iron Works, San Francisco, California, 1904</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 4.75 x 7.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 182 and placed in a separate envelope numbered scr51: 182b.</p> |
| Box 4 | <p>Item No. 654. Alaskan (built 1902?; steamship) wildcat, possibly built by Union Iron Works, San Francisco, California, circa 1901</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.25 x 9.5 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 182 and placed in a separate envelope numbered scr51: 182c. It was also assigned the SFMNHP Classified number A23.41393.</p> |
-

-
- | | |
|-------------------------------|---|
| Box 4 | <p>Item No. 655. Alaskan (built 1902?; steamship) wildcat, end-on view, possibly built by Union Iron Works, San Francisco, California, circa 1901</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 7.75 x 9.75 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 182 and placed in a separate envelope numbered scr51: 182d.</p> |
| Box 5 | <p>File Unit 188. Photograph Album: Page 183, circa 1904</p> <p>Extent: 5 photographs (5 physical forms).</p> <p>Physical Description: 5 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 656-660. OHIO (built 1901; battleship: U.S. Navy) in drydock and pier-side.</p> |
| Box 5 | <p>File Unit 189. Photograph Album: Page 184, 1904</p> <p>Extent: 2 photographs (2 physical forms).</p> <p>Physical Description: 2 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 661-662. View of the Union Iron Works shipyard and of a defective planen casting.</p> |
| Box 5 | <p>File Unit 190. Photograph Album: Page 185, 1904</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 663-666. Two views of a crowd at Union Iron Works during the sale of the company. Two views of an English geared winch.</p> |
| Box 5 | <p>File Unit 191. Photograph Album: Page 186, 1904 October-December</p> <p>Extent: 4 photographs (4 physical forms).</p> <p>Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.</p> <p>Scope and Content Note</p> <p>Items 667-670. Views of machinery built for San Francisco Gas and Electric Company.</p> |
| Box 4; Shared
oversize box | <p>File Unit 192. Photograph Album: Page 187, 1905</p> <p>Extent: 1 photograph (1 physical form).</p> <p>Physical Description: 1 black-and-white photographic print, 4.75 x 8 in.</p> <p>Scope and Content Note</p> <p>Item 671.</p> |
| Box 4 | <p>Item No. 671. Helene (steamship) wildcats, likely built by Union Iron Works, San Francisco, California, 1905</p> <p>Extent: 1 photograph.</p> <p>Physical Description: 1 black-and-white photographic print, 4.75 x 8 in.</p> <p>Scope and Content Note</p> <p>During conservation work in 1983, this print was removed from album page 187 and placed in a separate envelope numbered scr51: 187.</p> |
-

- Box 4; Shared
oversize box
- File Unit 193. **Photograph Album: Page 188, 1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 672-674.
- Box 4
- Item No. 672. **Chinook (dredge) hoist, possibly built by Union Iron Works, San Francisco, California, 1905**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 7.5 x 9.5 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 188 and placed in a separate envelope numbered scr51: 188a.
- Box 4
- Item No. 673. **Chinook (dredge) winches, possibly built by Union Iron Works, San Francisco, California, 1905**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 8 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 188 and placed in a separate envelope numbered scr51: 188b.
- Box 4
- Item No. 674. **Chinook (dredge) wildcat, possibly built by Union Iron Works, San Francisco, California, 1905**
Extent: 1 photograph.
Physical Description: 1 black-and-white photographic print, 5 x 7.75 in.
Scope and Content Note
During conservation work in 1983, this print was removed from album page 188 and placed in a separate envelope numbered scr51: 188c.
- Box 5
- File Unit 194. **Photograph Album: Page 189, 1905**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 675-676. Views of a Muller patent universal slot punching device and a sample of its produced work.
- Box 5
- File Unit 195. **Photograph Album: Page 190, circa 1904-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 677-680. Views of machinery built for San Francisco Gas and Electric Company.
- Box 5
- File Unit 196. **Photograph Album: Page 191, circa 1904-1905**
Extent: 4 photographs (4 physical forms).
Physical Description: 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 681-684. Views of machinery built for San Francisco Gas and Electric Company.
-

- Box 5 File Unit 197. **Photograph Album: Page 192, circa 1904-1905**
Extent: 5 photographs (5 physical forms).
Physical Description: 5 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 685-689. One view of machinery built for San Francisco Gas and Electric Company. Four views possibly showing the exterior of a Union Iron Works building.
- Box 5 File Unit 198. **Photograph Album: Page 193, circa 1904-1905**
Extent: 3 photographs (3 physical forms).
Physical Description: 3 cyanotypes, smaller than 8 x 10 in.
Scope and Content Note
Items 690-692. Views possibly showing the exterior of a Union Iron Works building.
- Box 5 File Unit 199. **Photograph Album: Page 194, circa 1880-1900**
Extent: 1 photograph (1 physical form).
Physical Description: 1 black-and-white albumen photographic print, 12 x 16 in.
Scope and Content Note
Item 693. View of an unidentified naval vessel that has not yet been completed.
- Box 5 File Unit 200. **Photograph Album: Page 195, 1884**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white albumen photographic prints, 10.5 x 13.5 in. and smaller.
Scope and Content Note
Items 694-695. Views of ATLANTA (built 1884; cruiser: U.S. Navy) and DOLPHIN (built 1885; gunboat: U.S. Navy) under construction at John Roach & Sons shipyard, Chester, Pennsylvania.
- Box 5 File Unit 201. **Photograph Album: Page 196, circa 1880-1900**
Extent: 2 photographs (2 physical forms).
Physical Description: 2 black-and-white albumen photographic prints, 12 x 16 in. and smaller.
Scope and Content Note
Item 696-697. Views of a Chicago class U.S. Naval vessel under construction at John Roach & Sons shipyard, Chester, Pennsylvania.
- Box 5 File Unit 202. **Photograph Album: Page 197, 1897-1905**
Extent: 6 photographs (6 physical forms).
Physical Description: 2 black-and-white photomechanical prints, smaller than 8 x 10 in.; 4 black-and-white photographic prints, smaller than 8 x 10 in.
Scope and Content Note
Items 698-703. Views of FLORIDA (built 1901; monitor: U.S. Navy); a furnace; and cylinders for CHITOSE (built 1898; cruiser: Imperial Japanese Navy).
- Box 5 File Unit 203. **Photograph Album: Page 198, undated**
Extent: 0 Unit].
Scope and Content Note
Blank page.
-

Box 5	File Unit 204. Photograph Album: Page 199, undated Extent: 0 Unit]. Scope and Content Note Blank page.
Box 5	File Unit 205. Photograph Album: Page 200, circa 1880-1900 Extent: 1 photograph (1 physical form). Physical Description: 1 black-and-white albumen photographic print, 7.5 x 9.25 in. Scope and Content Note Item 704. View of a piece of machinery built by Bement, Miles and Company.

Shared collections box; Shared oversize box	Subseries 1.2. Union Iron Works and Moore & Scott Iron Works loose photographic prints, circa 1880-1923 Extent: 59 photographs (73 physical forms) Scope and Content Note Items 705-763. Contains loose photographic prints not originally attached to the photograph album pages. There are 59 unique photographs in 73 physical forms (cyanotypes, black-and-white prints, and photomechanical prints). Mostly views of parts and machinery built by Union Iron Works and Moore & Scott Iron Works. Also includes views of vessels built or repaired by Union Iron Works. One view of a group of men photographed while logging. Arrangement Arranged into five File Units by subject: File Unit 1: Union Iron Works parts and machinery; File Unit 2: Moore & Scott Iron Works parts and machinery; File Unit 3: Parts and machinery produced by other companies; File Unit 4: Vessels; and File Unit 5: Loggers.
Shared collections box	File Unit 1. Union Iron Works parts and machinery, circa 1880-1905 Extent: 12 photographs (12 physical forms). Physical Description: 2 black-and-white photographic prints, 8.5 x 10.5 in.; 10 cyanotypes, smaller than 8 x 10 in. Scope and Content Note Items 705-716. Views of parts and machinery built by Union Iron Works, San Francisco, California, including a band saw; a cross compound pumping engine for the Spring Valley Water Works, San Francisco; sternwheel engines; port main engine of OLYMPIA (built 1892; cruiser: U.S. Navy); and the starboard main engine of OREGON (built 1893; battleship: U.S. Navy). Includes a view of a crane outside of Union Iron Work's machine shop and erecting shop. Also includes five general interior views of the machine shop and erecting shop and one view of the interior of the drydock power house.
Shared collections box	Item No. 705. Union Iron Works drydock power house interior, San Francisco, California, 1897 Extent: 1 photograph. Physical Description: 1 cyanotype, 8 x 10 in. NH 75283. Scope and Content Note The man on the left is identified as Jarvis.

Shared collections
box

Item No. 709. **Union Iron Works machine shop interior, San Francisco, California, circa 1890-1905**

Extent: 1 photograph.

Physical Description: 1 cyanotype, 8 x 10 in.

Scope and Content Note

Large Corliss engine cylinder casting in center of photograph.

Caption: Bay A mach. shop looking toward fish oil.

Shared collections
box

File Unit 2. **Moore & Scott Iron Works parts and machinery, 1905-1923**

Extent: 28 photographs (40 physical forms).

Physical Description: 22 black-and-white photographic prints, smaller than 8 x 10 in.; 18 cyanotypes, smaller than 8 x 10 in.

Scope and Content Note

Items 717-744. Views of parts and machinery built by Moore & Scott Iron Works. Includes views of the burner and parts of Erickson's patent mechanical oil burner and furnace. Multiple views of hoists. Also views of heater components for JASON (steamship); a pump set with self-cleaning oil strainers used in connection with Moore & Scott's high-pressure fuel oil system on AMUR (steamship); oil burning front for scotch marine boilers aboard SAMOA (steamship); an electric mine locomotive; fire box boilers built for CORLONA (tugboat); a furnace front for marine boilers; an adjustable mechanical liquid atomizer; railway derrick cars; and a swing crane for a barge. One print shows a general interior view of the machine shop. Note that there are multiple copies of Items 717, 719, 722, 723, 724, 727, 731, 734, and 737.

Related Material

See also P85-057, Items 2-7, for other views of Erickson's patent mechanical oil burner and furnace parts.

Shared collections
box

Item No. 717. **Burner and parts of Erickson's patent Mechanical Oil Burner and Furnace, 1915 July**

Extent: 1 photograph (3 physical forms).

Physical Description: 3 cyanotypes, 7.75 x 9.5 in. and smaller. One of the copies is annotated with prices.

Scope and Content Note

Two views showing 26 parts. A key identifies each part.

Related Material

See also P85-057, Item 2, for another print of this image. See also P85-057, Items 3-7, for other views of Erickson parts.

Shared collections
box

Item No. 721. **Parts for Erickson Mechanical Oil Burner, circa 1915**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 7.75 x 9.75 in., mounted on linen. Photog. no. 183. Annotated with numbers which correspond to a key adhered to the verso.

Scope and Content Note

Shows 12 parts. A key on the verso identifies each one.

Related Material

See also P85-057, Item 3, for another print of this image. See also P85-057, Items 2-7, for other views of Erickson parts.

Shared collections
box

Item No. 744. **Moore & Scott Iron Works machine shop interior, San Francisco, California, 1913**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 8 x 9.75 in., mounted on linen.

Scope and Content Note

Caption: Moore & Scott's Machine Shop (Just Completed) 75' & 160'. 22 ft. hoist. No. 678 Second St., San Francisco. Containing the Most Modern Cranes, Motor-Driven Tools and Electrical Equipment. Designed for Greater Results at Lower Expense. S.F. 1913.

Shared collections
box

File Unit 3. **Parts and machinery produced by other companies, circa 1900-1912**

Extent: 4 photographs (4 physical forms).

Physical Description: 1 black-and-white letterpress halftone photomechanical print, 11.25 x 16 in.; 3 black-and-white silver gelatin photographic prints, 4.25 x 7 and smaller.

Scope and Content Note

Items 745-748. Two prints show views of an unidentified piece of equipment in an unidentified shop. One halftone print shows a twin-tandem, compound, condensing, direct-connected reversing engine built for the Carnegie Steel Company and Jones & Laughlin Steel Company by Mackintosh, Hemphill & Company of Pittsburgh, Pennsylvania. One print shows a piece of machinery, possibly an engine, built by Lidgerwood Manufacturing Company.

Shared collections
box; Shared
oversize box

File Unit 4. **Vessels, circa 1885-1915**

Extent: 14 photographs (15 physical forms).

Physical Description: 7 black-and-white silver gelatin photographic prints, 13.5 x 7 in. and smaller; 8 cyanotypes, 12.25 x 15.5 in. and smaller

Scope and Content Note

Items 749-762. CHARLESTON (built 1888; cruiser: U.S. Navy) under construction; President McKinley at the launching table of OHIO (built 1901; battleship: U.S. Navy); OLYMPIA (built 1892; cruiser: U.S. Navy) in dry dock; gun being lifted aboard OREGON (built 1893; battleship: U.S. Navy); OREGON in the stream; SADIE (paddle steamer) underway; SHERMAN (transport: U.S. Army) leaving for Manila, Philippines; SOUTH DAKOTA (built 1904; cruiser: U.S. Navy) ready to launch; view of damage aboard STRATHORD (steamship); TACOMA (built 1903; cruiser: U.S. Navy) at anchor; VICKSBURG (built 1896; gunboat: U.S. Navy) at anchor; WALLULA (tugboat) underway; and ZARAGOZA (built 1891; gunboat: Mexican Navy). One view shows metallic lifeboats built by Moore & Scott Iron Works for the Pacific Mail Steamship Company. Note that Item 762 consists of two duplicate prints.

Shared collections
box

Item No. 759. **Vicksburg (built 1896; gunboat: U.S. Navy) anchored in the stream, 1904**

Extent: 1 photograph.

Physical Description: 1 black-and-white photographic print, 7.5 x 10 in.

Scope and Content Note

Starboard view. A long homeward bound pennant is attached to the mainmast. Note that the print was removed from P79-072a on an unknown date and placed in the SFMNH Classified photograph collection with the Item number B06.29042. On 2/13/2013, the print was removed from the Classified collection and returned to P79-072a.

Shared collections
box

Item No. 762. **Metallic life boats built for Pacific Mail Steamship Company by Moore & Scott Iron Works, San Francisco, California, 1912 August**

Extent: 1 photograph (2 physical forms).

Physical Description: 1 black-and-white photographic print, 9.75 x 7.75 in., mounted on linen.

Scope and Content Note

Four boats in view. Unidentified man also in view.

Caption: Metallic life boats built for P.M.S.S. Co. by Moore & Scott Iron Works, S.F., Aug. 1912. Length 25' 2", Breadth 6'7", Depth 3' 1-3/4'. 309 cu. ft. Tested with 30 persons with 11" freeboard.

Shared collections
box

File Unit 5. **Loggers, circa 1880-1915**

Extent: 1 photograph (2 physical forms).

Physical Description: 2 cyanotypes, 4.5 x 7.25 in. and smaller.

Scope and Content Note

Item 763. Two copies of the same image showing a group of men standing on a portion of a felled tree during logging operations.