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PRELIMINARY INVENTORY OF THE RECORDS OF THE
BUREAU OF SHIPS

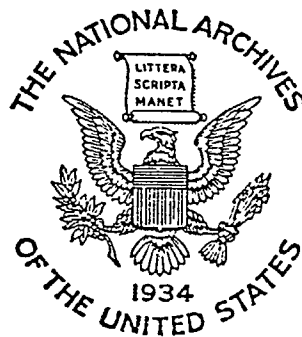
(Record Group 19)

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EXHIBIT**
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General Services Administration

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FOREWORD

To analyze and describe the permanently valuable records of the Federal Government preserved in the National Archives Building is one of the main tasks of the National Archives. Various kinds of finding aids are needed to facilitate the use of these records, and the first step in the records-description program is the compilation of preliminary inventories of the material in some 300 record groups to which the holdings of the National Archives are allocated.

These inventories are called "preliminary" because they are provisional in character. They are prepared as soon as possible after the records are received without waiting to screen out all disposable material or to perfect the arrangement of the records. They are compiled primarily for internal use, both as finding aids to help the staff render efficient reference service and as a means of establishing administrative control over the records.

Each preliminary inventory contains an introduction that briefly states the history and functions of the agency that accumulated the records. The records themselves are described series by series, that is, by units of records of the same form or that deal with the same subject or activity or that are arranged serially. Other significant information about the records may sometimes be given in appendixes.

When the record group has been studied sufficiently and the records have been placed in final order, the preliminary inventories will be revised and the word "preliminary" dropped from the title of the revision. Meanwhile, as occasion demands and time permits, special reports, indexes, calendars, and other finding aids to the record group will be prepared.

Several finding aids that give an overall picture of materials in the National Archives have been published. A comprehensive Guide to the Records in the National Archives (1948) and a brief guide, Your Government's Records in the National Archives (revised 1950), have been issued. Forty-four Reference Information Papers, which analyze records in the National Archives on such subjects as transportation, small business, and the Middle East, have so far been issued. Records of World War I have been described in the Handbook of Federal World War Agencies and Their Records, 1917-1921, and those of World War II in the two-volume guide, Federal Records of World War II (1950-51). Many bodies of records of high research value have been edited by the National Archives and reproduced on microfilm as a form of publication. Positive prints of some 10,000 rolls of this microfilm, many of which are described in the List of National Archives Microfilm Publications (1953), are now available for purchase.

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INTRODUCTION

The Bureau of Ships was established by an act of Congress approved June 20, 1940, which abolished the Bureau of Construction and Repair and the Bureau of Engineering (the latter bureau was the Bureau of Steam Engineering until its name was changed in 1920) and consolidated their functions under one bureau, to be known as the Bureau of Ships. Through the Bureau of Construction and Repair and the Bureau of Engineering, the Bureau of Ships also inherited the functions of the Bureau of Construction, Equipment, and Repairs, which existed from 1842 to 1862, and many of the functions of the Bureau of Equipment, which existed from 1862 to 1910. The records of the Bureau of Ships in the National Archives include records of these predecessor bureaus.

The Bureau of Construction, Equipment, and Repairs was established by an act of Congress approved August 31, 1842, and was responsible for building, equipping, and repairing all naval vessels. This Bureau was abolished by an act of Congress approved July 5, 1862, and its functions were divided among three newly established bureaus--the Bureau of Construction and Repair, the Bureau of Steam Engineering, and the Bureau of Equipment and Recruiting (the name of this bureau was changed to the Bureau of Equipment in 1891). The Bureau of Construction and Repair was responsible for building and repairing the hulls of naval vessels; the Bureau of Steam Engineering was responsible for designing, constructing, maintaining, and repairing steam machinery for naval vessels; and the Bureau of Equipment and Recruiting was responsible for equipping naval vessels and for recruiting and supervising enlisted men. There were thus three bureaus concerned in one way or another with the building and equipping of ships.

During the Civil War the work of constructing naval vessels was vigorously prosecuted. Among the important naval developments of the period was the construction of monitors or turreted ironclads. Since neither the Bureau of Construction and Repair nor the Bureau of Steam Engineering approved of constructing vessels of this type, the office of the General Superintendent of Ironclads was established in New York City to superintend the building of these vessels and other types of vessels built at private shipyards on the Atlantic coast. The period following the Civil War was one of economy, reaction, and widespread indifference to the needs of the Navy. By 1831 the Navy had declined to such an extent that the Secretary of the Navy stated in his annual report for that year that the Navy was unable to protect the rights of American citizens and that unless some action was taken on its behalf it would soon dwindle into insignificance. Congress responded to this statement by providing in the naval appropriation act of August 5, 1832, for the construction of two new steam cruising vessels of war of the highest attainable speed. Additional new ships for the Navy were authorized by Congress every year from 1832 to 1897, with the exception of the year 1834, and the "New Navy" came into being during these years.

The act of August 5, 1832, also provided for the establishment of a Naval Advisory Board, consisting of five naval officers and two civilian

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experts, to advise and assist the Secretary in building and arming the two new vessels authorized by the act. The functions of this Board were later widened to include investigation and recommendation concerning the construction of war vessels in general. Although both the Bureau of Construction and Repair and the Bureau of Steam Engineering were represented on the Naval Advisory Board, responsibility for the construction of ships remained divided. In 1884 the Secretary of the Navy recommended that the Bureau of Construction and Repair and the Bureau of Steam Engineering be consolidated to form a single Bureau of Construction in order to give unity of responsibility and power in the construction of ships and to obviate the necessity for the Naval Advisory Board, which stood between the Secretary of the Navy and the bureaus. Congress did not adopt this recommendation, but by an order of June 25, 1889, the Secretary of the Navy reorganized the duties of some of the Navy Department bureaus, effective July 1, 1889. Considerable changes were made in the duties of the Bureau of Equipment and Recruiting, and its name was changed to the Bureau of Equipment to reflect its change in duties. The functions of the Bureau of Construction and Repair and of the Bureau of Steam Engineering were not materially affected by the order. To increase the efficiency of the existing bureau organization, however, the Secretary's order of June 25, 1889, created the Board on Construction, composed of the chiefs of the Bureaus of Yards and Docks, Ordnance, Equipment and Recruiting, Construction and Repair, and Steam Engineering, to have general supervision over the designing, constructing, and equipping of new ships for the Navy. The continuance of the Naval Advisory Board was made unnecessary by the establishment of the Board on Construction.

Another step toward centralizing responsibility for constructing ships was taken on October 2, 1894, when the Secretary of the Navy issued an order making the Bureau of Construction and Repair responsible for the design, structural strength, and stability of all vessels built for the Navy. All changes in design recommended by other bureaus were required to be submitted to the Bureau of Construction and Repair, which was made responsible--unless its recommendations were overruled by the Secretary of the Navy--for the resultant effect on ships of every change made in construction after the designs were approved. In 1899 the Secretary of the Navy recommended, in the interest of good business organization and economy, that the Bureaus of Construction and Repair, Steam Engineering, and Equipment be consolidated into a Bureau of Ships. He stated that all these bureaus were concerned with the construction and fitting out of vessels, with resulting friction and delays, and pointed out that a contract for a ship was made with one builder and was not given in part to a constructor of hulls, in part to a steam engine manufacturer, and in part to an outfitting firm. The Secretary also pointed out that under the present organization each bureau had its own inspectors at the shipyard where the vessel was being built. The bureaus were not reorganized along the lines suggested by the Secretary until some 40 years later, but by an act of Congress approved June 24, 1910, the Bureau of Equipment was abolished. Its duties were later distributed among other bureaus. The two bureaus chiefly concerned with the construction of naval vessels, the Bureau of Construction and Repair and the Bureau of Engineering, were continued as separate organiza-

tions until the World War II period. After the outbreak of war in Europe in September 1939, it was essential that naval construction should proceed as rapidly and efficiently as possible. Therefore, on September 14, 1939, a Coordinator of Shipbuilding for the Naval Establishment was appointed to have overall supervision of the shipbuilding program. Finally, an act of Congress approved June 20, 1940, abolished the Bureau of Construction and Repair and the Bureau of Engineering, and established the Bureau of Ships, with responsibility for the design, building, equipping, maintenance, repair, and salvage of naval vessels and their machinery and equipment. Thus a single bureau--established in 1842, divided into three bureaus in 1862, and reduced to two in 1910--was reconstituted a single bureau in 1940.

The records described in this inventory are the records of the Bureau of Construction, Equipment, and Repairs, the Bureau of Construction and Repair, the Bureau of Engineering, the Bureau of Equipment, the General Superintendent of Ironclads, the Coordinator of Shipbuilding, and the Bureau of Ships that, as of August 1, 1960, were in the National Archives. They are designated as Record Group 19, Records of the Bureau of Ships, and amount to 19,271 cubic feet, including 515 cubic feet of still pictures.

The correspondence of the bureaus whose records are in Record Group 19 was generally filed according to the recordkeeping systems prescribed by the Navy Department. Until about 1885 original incoming communications were bound in volumes of letters received, generally by class of correspondent (such as the Secretary of the Navy, officers, and commandants of navy yards) and thereunder chronologically; communications sent were copied in letters sent books, also by class of correspondent, and thereunder chronologically. Many of these volumes contain indexes to or registers of the correspondence. Beginning about 1885 correspondence volumes were generally discontinued, and the correspondence was filed numerically in unbound form. Letters received and copies of replies were filed together and indexed on cards. It was frequently the practice to file later correspondence on a given subject under the same number as earlier correspondence on the same subject and to number the documents serially under the main number. Many of the main numbers therefore have a subject significance. This system was followed, with a few exceptions, until about 1923. The Bureau of Steam Engineering filed letters received and copies of replies together numerically in bound volumes from 1885 to 1887, but from 1888 to 1910 it used the earlier system of filing letters received and letters sent in separate series of bound volumes, maintaining within the volumes a numerical arrangement. In 1910 the Bureau of Steam Engineering resumed the practice of filing incoming and outgoing communications together. The Bureau of Construction and Repair, which adopted the system of filing incoming and outgoing communications together in 1887, maintained separate series relating to individual vessels and in 1915 adopted a special classification scheme, composed of ships' symbols and subject numbers, for correspondence relating to ships. In 1923 and in 1925 the Bureau of Engineering and the Bureau of Construction and Repair, respectively, began to use the Navy Filing Manual system, and the Bureau of Ships continued

to use it. The Navy Filing Manual classification scheme combines alphabetical symbols with numbers to indicate subjects and classes of correspondents.

The chiefs of the Bureau of Ships and its predecessors are listed below. The dates given in the first list are the dates of appointment; those given in the other lists are the dates of service.

Bureau of Construction, Equipment, and Repairs

Capt. David Connor	Sept. 1, 1842
Capt. Beverly Kennon	Mar. 2, 1843
Capt. Charles Morris	Apr. 10, 1844
Capt. Charles W. Skinner	June 1, 1847
Capt. William B. Shubrick	Mar. 1, 1852
Commodore John Lenthall	Nov. 18, 1853

Bureau of Construction and Repair

Commodore John Lenthall	Apr. 28, 1863-Jan. 22, 1871
Commodore Isaiah Hanscom	Jan. 23, 1871-Apr. 27, 1877
Commodore John W. Easby	Apr. 28, 1877-Dec. 13, 1881
Commodore Theodore D. Wilson	Mar. 3, 1882-July 7, 1893
Rear Adm. Philip Hichborn	July 23, 1893-Mar. 4, 1901
Rear Adm. Francis T. Bowles	Mar. 5, 1901-Oct. 31, 1903
Rear Adm. Washington L. Capps	Oct. 31, 1903-Oct. 1, 1910
Rear Adm. Richard M. Watt	Oct. 2, 1910-Dec. 12, 1914
Rear Adm. David W. Taylor	Dec. 14, 1914-July 1, 1922
Rear Adm. John D. Beuret	July 2, 1922-Nov. 20, 1929
Rear Adm. George H. Rock	Nov. 20, 1929-Sept. 30, 1932
Rear Adm. Emory S. Land	Mar. 15, 1933-Mar. 15, 1937
Rear Adm. William G. DuBose	Mar. 16, 1937-Sept. 16, 1939
Rear Adm. Alexander H. Van Keuren	Sept. 18, 1939-June 20, 1940

Bureau of Engineering

Commodore Benjamin F. Isherwood	July 25, 1862-Mar. 15, 1869
Capt. James W. King	Mar. 15, 1869-Mar. 20, 1873
Capt. William W. W. Wood	Mar. 20, 1873-Mar. 3, 1877
Commodore William H. Shock	Mar. 3, 1877-June 15, 1883
Commodore Charles H. Loring	Jan. 1, 1884-July 8, 1887
Rear Adm. George W. Melville	Aug. 9, 1887-Aug. 9, 1893
Rear Adm. Charles W. Rae	Aug. 9, 1893-May 13, 1908
Rear Adm. John K. Barton	June 11, 1903-Dec. 22, 1908
Rear Adm. Hutch I. Cone	May 21, 1909-May 18, 1913
Rear Adm. Robert S. Griffin	May 18, 1913-Sept. 22, 1921
Rear Adm. John K. Robison	Oct. 1, 1921-Oct. 29, 1925
Rear Adm. John Halligan	Oct. 29, 1925-Sept. 24, 1928

Rear Adm. Harry E. Yarnell	Sept. 24, 1923-May 29, 1931
Rear Adm. Samuel M. Robinson	May 29, 1931-May 29, 1935
Rear Adm. Harold G. Bowen	May 29, 1935-Sept. 13, 1939
Rear Adm. Samuel M. Robinson	Sept. 13, 1939-June 20, 1940

Bureau of Equipment

Rear Adm. Andrew H. Foote	July 17, 1862-June 3, 1863
Comdr. Albert N. Smith	June 4, 1863-Sept. 8, 1866
Rear Adm. Melancthon Smith	Sept. 17, 1866-July 17, 1870
Rear Adm. William Reynolds	July 18, 1870-Jan. 31, 1875
Commodore Robert W. Shufeldt	Feb. 1, 1875-Nov. 19, 1878
Commodore Earl English	Nov. 20, 1878-Sept. 5, 1884
Commodore Winfield S. Schley	Sept. 6, 1884-July 31, 1889
Commodore George Dewey	Aug. 1, 1889-June 30, 1893
Commodore French E. Chadwick	July 1, 1893-Sept. 6, 1897
Rear Adm. Royal B. Bradford	Sept. 7, 1897-Oct. 20, 1903
Rear Adm. George A. Converse	Oct. 21, 1903-Mar. 14, 1904
Rear Adm. Henry N. Manney	Mar. 15, 1904-Jan. 21, 1906
Rear Adm. William S. Cowles	Jan. 22, 1906-Jan. 20, 1910

Bureau of Ships

Rear Adm. Samuel M. Robinson	June 20, 1940-Jan. 31, 1942
Rear Adm. Alexander H. Van Keuren	Feb. 6, 1942-Nov. 22, 1942
Vice Adm. Edward L. Cochrane	Nov. 23, 1942-Nov. 1, 1946
Vice Adm. Earle W. Mills	Nov. 1, 1946-Jan. 31, 1949
Rear Adm. David H. Clark	Feb. 1, 1949-Feb. 1, 1951
Rear Adm. Homer N. Wallin	Feb. 1, 1951-July 31, 1953
Rear Adm. Wilson D. Leggett, Jr.	Aug. 1, 1953-Apr. 29, 1955
Rear Adm. Albert G. Murma	Apr. 29, 1955-Apr. 29, 1959
Rear Adm. Ralph K. James	Apr. 29, 1959-(scheduled for 4-year term)

RECORDS OF THE BUREAU OF SHIPS

RECORDS OF THE BUREAU OF CONSTRUCTION, EQUIPMENT, AND REPAIRS

The Bureau of Construction, Equipment, and Repairs was administered as two bureaus, the "Bureau of Construction and Repairs" and the "Bureau of Equipments," under a single chief. The Bureau of Construction and Repairs was responsible for the building and repairing of all naval vessels, for the materials used therein, for labor employed thereon, and for all contracts, accounts, and returns relating thereto. The Bureau of Equipments was responsible for all "equipment," including sails, anchors, cables, cordage, rigging, stoves and cooking utensils, furniture, lights, and signals, and for labor, contracts, accounts, and returns relating thereto. In April 1845 vessels in navy yards, either in ordinary (not in commission) or under repair, were placed under the jurisdiction of the Bureau of Construction, Equipment, and Repairs. The period following the establishment of this Bureau was one of transition from sailing ships to steamships, and the principal work of the Bureau was the construction of a steam fleet of naval vessels.

The records of the Bureau of Construction, Equipment, and Repairs now in the National Archives are very fragmentary. Most of them relate to supplies and accounts. There are also a few items of correspondence and a few miscellaneous items. A few of the records antedate the establishment of the Bureau in 1842. After the Bureau of Construction, Equipment, and Repairs was abolished in 1862, some series of records were continued by other bureaus, particularly the Bureau of Construction and Repair. These series are described with the records of the later bureaus. Several volumes of records of the Bureau of Construction, Equipment, and Repairs are among the Naval Records Collection of the Office of Naval Records and Library (Record Group 45) in the National Archives.

LETTERS RECEIVED AND CORRESPONDENCE REGISTERS

LETTERS RECEIVED FROM THE BOSTON NAVY YARD. Sept.-Dec. 1861. 1 vol.
2 in.

Letters and a few telegrams received from the commandant and other officials of the Boston Navy Yard. Arranged chronologically. There is a register in the volume, also arranged chronologically, giving subject of correspondence.

ABSTRACTS OF LETTERS RECEIVED AND SENT. Jan. 1848-Jan. 1849. 1 vol.
1/2 in.

This volume shows name and address of writer or addressee, and date and brief of letter received or sent. The correspondence is chiefly with naval officers and navy agents. Arranged chronologically.

REGISTER OF LETTERS RECEIVED. Sept. 1842-Dec. 1844. 1 vol. 1 in.

Shows date letter was received; file number of letter; name and ship, station, or residence of writer; and date and subject of letter. Arranged alphabetically by initial letter of name of writer and thereunder numeri-

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cally. The correspondence to which this register refers has not been found.

REGISTER OF LETTERS RECEIVED. July 1846-July 1847. 1 vol. 1 in. 4

Shows date letter was received and date it was written, name of writer, and subject of letter. Arranged alphabetically by initial letter of writer's name. The correspondence to which this register refers has not been found.

RECORDS RELATING TO SUPPLIES AND ACCOUNTS

RETURNS OF REPAIRS TO VESSELS. 1820-49. 1 vol. 2 in. 5

This volume contains accounts of repairs to various vessels, giving such information as dates of repairs, descriptions of repairs made, and accounts of labor and materials expended. Many of the later accounts are copies of returns sent to the Chief of the Bureau of Construction, Equipment, and Repairs by naval constructors and commanding officers at navy yards. The earlier accounts do not indicate by whom they were prepared. Arranged by name of vessel, with an index to names of vessels in the front of the volume.

RECORD OF STORES AT NAVY YARDS. 1821-24. 2 vols. 4 in. 6

Contains quarterly lists of iron, cordage, anchors, canvas, cannon, shot, and miscellaneous supplies and stores on hand at various navy yards, showing the kind and quantity of these materials. Arranged by name of navy yard and thereunder by kind of supplies. The second volume of this series is in bad condition, and it is impossible to ascertain its inclusive dates.

These records antedate the establishment of Navy Department bureaus and may be records of the Office of the Secretary of the Navy or of the Board of Navy Commissioners.

RECORD OF THE COST OF BUILDING AND REPAIRING VESSELS. 1826-62. 1 vol. 1 in. 7

Shows name of vessel and thereunder whether it was being built or repaired, date, navy yard at which vessel was located, total cost of work, and costs to the Bureau of Ordnance and Hydrography, the Bureau of Provisions and Clothing, and the Bureau of Construction, Equipment, and Repairs. Arranged by name of vessel. This volume was probably compiled after 1842 since there were no Navy Department bureaus before 1842.

INVENTORIES OF STORES AT NAVY YARDS. 1823; 1842-44. 4 vols. 2 in. 8

Inventories of stores at the Gosport Navy Yard (Norfolk, Va.), 1823 and 1844, the Portsmouth Navy Yard, 1842, and the Brooklyn Navy Yard, 1843, showing items, quantities, and cost. Arranged by name of navy yard (2 volumes for Gosport and 1 volume each for Portsmouth and Brooklyn) and within the volumes sometimes by type of stores, sometimes by name of department of the navy yard (such as carpenter's department), and sometimes by name of vessel or class of vessels at the yard.

MEMORANDA OF STORES. 1842. 1 vol. Less than 1/4 in. 9

This volume bears the following title on its outside cover: "Rough

Memoranda of Stores Sent to Foreign Stations Since the Organization of the Bureau of Construct. Equipmt. and Repairs in September 1842." It contains a few loose sheets showing lists of stores, with quantities and prices, received from certain contractors or for certain ships, lists of stores due on contracts, and lists of stores recommended for purchase.

INVENTORY OF STORES RECEIVED AND EXPENDED ON THE POTOMAC.

Mar. 1842-July 1847. 1 vol. 1/2 in.

10

Shows type of stores or ship's department (such as boatswain's stores, master's department), specific items, and quantities of each on hand, received, and expended. Arranged by type of stores or name of ship's department and thereunder chronologically.

RECORD OF REQUISITIONS FOR FUNDS. 1842-50. 1 vol. 1/2 in.

11

Lists requisitions for funds drawn on the Secretary of the Navy by the Bureau of Construction, Equipment, and Repairs. Shown are date and number of requisition, name and station of navy agent or other official submitting it, and amount. Arranged chronologically.

STATEMENT OF REQUISITIONS MADE ON THE GOSPORT NAVY YARD, NORFOLK, VA.

July-Sept. 1843. 1 vol. Less than 1/4 in.

12

Gives amounts and kinds of equipment and material pertaining to the Bureau of Construction, Equipment, and Repairs that were requisitioned from the storekeeper at the Gosport Navy Yard for various vessels, the navy yard, the naval hospital, and other purposes during the quarter ending September 30, 1843. Arranged by name of vessel or by subject (such as naval hospitals or repairs in general) and thereunder chronologically.

REGISTER OF ARTICLES CONTRACTED FOR. 1843. 1 vol. 1 in.

13

Shows name of contractor, date of contract, date of expiration of contract, articles and quantities contracted for, and, for some classes of articles, navy yard to which they were to be delivered and, for others, names of bidders, navy yards concerned, and amount of bids. Arranged numerically by class of article.

REPORTS ON COST OF REPAIRING THE CONSTITUTION. 1843-44. 1 vol. 1/2 in.

14

Reports of boat builders, painters, sailmakers, caulkers, carpenters, joiners, and gun carriage makers giving dates of repairs, number of days worked, repair work done, and cost. Most of the reports show that these repairs were made at the Norfolk Navy Yard. Arranged by type of report.

COMPILATIONS OF DATA RELATING TO NAVAL VESSELS. 1843-44. 1 vol. 1 in.

15

This volume contains tables relating to weights, costs, and dimensions of anchors, chain cables, and water tanks for the various classes of naval vessels, as established by the Board of Navy Commissioners; schedules of plate iron required to build water tanks; statements of costs and repairs of vessels; tables showing number and size of powder and powder tanks allowed to each class of vessel; and a table showing the cost of sails. Arranged by type of material.

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REPORTS OF RECEIPTS AND EXPENDITURES OF STORES ON THE CUMBERLAND.

1843-45. 1 vol. 2 in.

16

Monthly reports showing stores and amounts of each on hand at the beginning of each month, those received during the month, total on hand and received, and amounts expended during the month. Arranged by name of ship's department and thereunder chronologically, with an index to the ship's departments in the front of the volume. Inserted loosely in the front of the volume are quarterly reports of receipts and expenditures of stores of the gunner's, carpenter's, and sailmaker's departments for 1845.

REPORTS OF RECEIPTS AND EXPENDITURES OF STORES ON THE SLOOP OF WAR

ST. LOUIS. Mar. 1843-Sept. 1845; 1852. 2 vols. 2 in.

17

Monthly reports showing stores and amounts of each received, place from which received, amounts expended each month, and amounts on hand at beginning of each month. Arranged by name of ship's department and thereunder chronologically. Dates are seldom shown in the second volume; those dates shown are in 1852.

INVENTORY OF PROPERTY ON HAND AT THE GOSPORT NAVY YARD, NORFOLK, VA.

Dec. 31, 1844. 1 vol. 1/4 in.

18

Shows amount and value of all public property under the jurisdiction of the Bureau of Construction, Equipment, and Repairs at the Gosport Navy Yard. The inventory of timber is given first, then the inventories for the various departments (such as sailmaker's, ship joiner's, carpenter's), and finally an inventory of articles on hand. Within these inventories the entries are arranged by type of property, name of vessel, or appropriate title. On the last page of the volume there is a recapitulation of values of property listed in the inventories and the total property value for the navy yard.

RECORD OF STORES RECEIVED AND EXPENDED ON THE ERIE. Oct. 1884-June 1848.

1 vol. 2 in.

19

Contains an itemized record of stores received, expended, and remaining each month for the boatswain's, carpenter's, gunner's, sailmaker's, and master's departments of the Erie. Arranged by name of department and thereunder chronologically by the following periods: October 1844-August 1845, August 1845-March 1846, and March 1846-June 1848.

TABLES OF ALLOWANCES OF EQUIPMENTS, OUTFITS, AND STORES FOR NAVAL VESSELS. 1844; 1854. 11 vols. 1 ft.

20

These printed volumes (4 volumes for 1844 and 7 volumes for 1854) show ships' departments, complements of officers and crew, classes of vessels, and articles and quantity of each allowed for each department of each class of vessel. Arranged by year and thereunder by name of department, with tables of contents in the volumes.

RECORD OF THE VALUE OF STORES RECEIVED AND EXPENDED AT NAVY YARDS.

Jan. 1844-June 1856. 1 vol. 1 in.

21

Consists of reports showing name of navy yard, value of stores on hand on the first of each month, value of stores received and expended during month, and value of stores on hand on the first of the succeeding month. Arranged chronologically and thereunder by name of navy yard.

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REPORTS OF RECEIPTS AND EXPENDITURES OF STORES ON THE COLIUBUS.

Apr.-Sept. 1845. 1 vol. 1 in.

22

Monthly reports showing stores and amounts of each on hand at beginning of month, those received during month, total received and total on hand, and total amount expended during month. Arranged by name of ship's department and thereunder chronologically.

REPORTS OF RECEIPTS AND EXPENDITURES OF STORES ON THE BRIG DOLPHIN.

Nov. 1845-Nov. 1847. 1 vol. 1 in.

23

Monthly reports showing stores and amounts of each on hand at beginning of month, those received during month and place from which received, and total amount expended during month. Arranged by name of ship's department and thereunder chronologically.

LEDGER ACCOUNTS WITH NEWSPAPERS. Jan. 1846-May 1853. 1 vol. 1 in.

24

This volume shows name of newspaper; amounts expended, with dates and purposes of expenditures; amounts received under appropriation; and balances. Arranged by name of newspaper, with an index arranged alphabetically by initial letter of name of newspaper.

REPORTS OF RECEIPTS AND EXPENDITURES OF STORES ON THE FRIGATE POTOMAC.

Feb. 1846-Aug. 1847. 1 vol. 1/2 in.

25

Monthly reports showing stores and amounts of each on hand at beginning of month, those received during month, and the total amount expended during month. Arranged by name of ship's department and thereunder chronologically.

REPORT OF EXPENSES NECESSARY TO REPAIR AND EQUIP THE SLOOP VINCENNES.

Apr. 1847. 1 vol. 1/4 in.

26

A report of the officers appointed by the commandant of the New York Navy Yard to survey the outfit, stores, and condition of the Vincennes and to prepare an estimate of the cost of equipping the vessel for service. The report is in two parts: data on the condition of the vessel, its outfit, and stores; and a detailed estimate of the probable cost to fit the vessel for service. Both parts of the report are arranged by name of ship's department.

CONTRACTS. Apr. 1846-Oct. 1847; July 1849-Aug. 1852. 2 vols. 4 in.

27

Contracts for the construction of vessels and for materials, supplies, and equipment showing names of contracting parties and the date and terms of contract, with certifications of sureties as to the contractor's ability to fulfill the contract. Arranged chronologically. The volumes contain indexes showing name of contractor, articles contracted for, date of contract, date of its expiration, and page number on which contract appears.

ACCOUNTS OF STORES ON THE VINCENNES. 1849-52. 1 vol. 1/2 in.

28

This volume shows quantity of the various kinds of stores that were received and expended during each quarter, total quantity received, and aggregate costs for each year. The amount of stores on hand and the

amount of those returned at the close of 1852 are also given. Arranged by name of ship's department and thereunder by kind of stores. There is a subject index in the volume.

RECORD OF THE COST OF LABOR AND REPAIRS FOR VESSELS. Apr. 1849-June 1855.
1 vol. 2 in. 29

Shows dates of repairs, names of persons employed, and, under headings such as "Pumps for Constellation," "Powder Tanks," "Repairs of Carbines," amounts in dollars and cents or in other figures which probably indicate hours of work. The volume is not further identified. Arranged chronologically.

INVOICES AND BILLS OF LADING FOR COAL. 1851-52. 1 vol. 3 in. 30

Invoices for coal showing by whom and to whom it was shipped, name of vessel on which it was shipped, and quantity and type of coal shipped. Accompanying the invoices are bills of lading for the coal's transportation. Arranged chronologically.

STATEMENTS OF EXPENDITURES FOR CONSTRUCTION AND EQUIPMENT OF VESSELS.

1851-53. 1 vol. 1 in. 31

Monthly statements of expenditures at navy yards showing name of navy yard, name of vessel, dates of expenditures, and amounts spent on each vessel for construction and for equipment. Arranged by name of navy yard.

SCALE OF OFFERS TO FURNISH SUPPLIES AT NAVY YARDS. 1851-53. 1 vol.
1 in. 32

A record of offers to furnish supplies for the fiscal years ending June 30, 1851; June 30, 1852; and June 30, 1853, showing name of navy yard, names of persons making offers, class of supplies offered and cost, remarks, and offers accepted. Arranged by fiscal year and thereunder by name of navy yard.

CONTRACTS AND SPECIFICATIONS FOR STEAM MACHINERY. Sept. 1853-May 1862.
2 vols. 4 in. 33

Contracts, showing names of contracting parties and terms of the contract, and specifications for steam machinery to be furnished on contract describing in detail the parts to be furnished. Arranged chronologically, with indexes in the volumes.

INVOICES OF STORES SHIPPED TO FOREIGN PORTS. 1853-62. 1 vol. 2 in. 34

Show by whom and to whom stores were shipped, name of vessel in which they were shipped, articles and quantity shipped, and their value. Some bills of lading accompany the invoices. Arranged chronologically. In the front of the volume is a list showing date of invoice, place from which stores were shipped, name of vessel in which they were shipped, place to which they were shipped, and page number on which invoice appears.

LETTERS RECEIVED BY THE BOARD FOR THE REVISION OF THE ALLOWANCE BOOK.

Mar.-Sept. 1854. 1 vol. 1 in. 35

This volume contains letters, with enclosures, received from naval officers in response to inquiries from Commodore Charles S. McCauley, who was

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... senior officer of the board for the revision of the allowance
... vessels by the Secretary of the Navy. The correspondence
... recommendations for the deletion, addition, and revision of the
... kinds, and sizes of equipment. Arranged numerically by file num-
... correspondence. The volume includes a register, arranged numeri-
... knowing name of correspondent and subject of correspondence.

STOCKS OF STORES RECEIVED AND EXPENDED ON THE FALMOUTH. Dec. 1354-
Apr. 1855. 1 vol. 1 in. 36

Shows date, stores received, quantities and costs, and navy yard from
which they were received; and stores expended, dates they were expended,
and quantities and costs. Arranged chronologically under receipts and
expenditures.

RECORD OF THE RECEIPT AND EXPENDITURE OF STORES ON THE STEAM SLOOP
MADAGASCARETTE. 1859-62. 1 vol. 1 in. 37

Shows kind of stores, ship's departments, amounts of stores expended
each quarter, total amount expended during year, amounts of stores re-
ceived each quarter, and total amount received during year. Arranged by
ship's department, thereunder by type of stores, and thereunder
chronologically.

CONTRACTS FOR MATERIALS. 1860-61. 1 vol. 2 in. 38

Shows date, names of contracting parties, and terms of contract. Follow-
ing each contract are schedules of materials to be delivered under the con-
tract. Arranged chronologically.

CONTRACTS AND SPECIFICATIONS FOR SCREW GUNBOAT MACHINERY. July 1861.
1 vol. 1 in. 39

Contracts for machinery to propel gunboats by fixed screw propeller,
showing date and place of contract, names of contracting parties, and terms
of contract; and specifications stating dimensions, kinds of materials to
be used, and details of construction. Arranged chronologically, with an
index to names of contractors.

CONTRACTS AND SPECIFICATIONS FOR SCREW SLOOP MACHINERY. Sept.-Dec. 1861.
1 vol. 1 in. 40

Contracts for machinery to propel steam sloops by screw propeller,
showing date and place of contract, names of contracting parties, and terms
of contract; and specifications stating dimensions, kinds of materials to
be used, and details of construction. Arranged chronologically, with an
index to names of contractors and vessels.

MISCELLANEOUS RECORDS

MEMORANDUMS OF A BOARD OF OFFICERS RELATING TO AN EXPLORING EXPEDITION.
Dec.-July 1837. 1 vol. 1 1/4 in. 41

A board of five naval officers was appointed by the Secretary of the
Navy on June 5, 1837, to make recommendations as to the adequacy of the
sloop Enterprise and Consort and the schooner Pilot for service in a survey-
ing and exploring expedition and to make recommendations as to the number
and description of vessels necessary for the expedi-

dition. The expedition was to explore unknown or little known regions in the ocean and seas of the Southern Hemisphere, particularly those regions near the South Pole and parts of the Pacific north of the Equator. These proceedings show the activities and findings of the board and include a copy of the report made to the Secretary of the Navy, dated July 13, 1837, and copies of a few letters sent and received by the board. Arranged chronologically.

MISCELLANEOUS RECORD BOOK. ca. 1839-47. 1 vol. 1 in. 42

Contains questions and answers concerning the operation of Stevens' cutoff valve, 1847; data regarding expenses of certain ships, compiled from expense books of the ships and arranged under name of ship, with notations regarding dates of construction (some of these ships were constructed in the early 1820's); and descriptions of the building of ships in France and England. Unarranged.

REGISTER OF REPORTS OF NEW INVENTIONS. Jan. 1846-Dec. 1850. 1 vol. 1 in. 43

Shows date of report, date received, subject, by whom made, and place where it was examined. Arranged chronologically.

MEMORANDA REGARDING THE ARRIVAL, DEPARTURE, EQUIPPING, AND DISPOSITION OF VESSELS. 1847-50. 1 vol. 1/2 in. 44

This volume shows date, name of vessel and notations regarding purchase and change of name, service for which vessel should be prepared, arrivals, departures, and sale or other disposition. Entries are alphabetical by initial letter of name of vessel.

PROCEEDINGS OF A BOARD OF OFFICERS TO PREPARE A SYSTEM OF WATCH, QUARTER, AND STATION BILLS. May 1856-Apr. 1858. 1 vol. 1 in. 45

This board, consisting of three naval officers, was established for the purpose of preparing a system of watch, quarter, and station bills adapted to the various classes of vessels in the Navy and to examine the signal system then in use in the Navy. These proceedings consist of a record of meetings, with some related correspondence, including copies of the Secretary of the Navy's letter of May 7, 1856, establishing the board and copies of his letters of April 1, 1858, to the three board members, dissolving the board.

"CRUISE OF THE DASHING WAVE." 1860. 1 vol. 1/2 in. 46

An account of the voyage of the Dashing Wave from Boston to San Francisco by Philip Hichborn who served as carpenter on the ship, containing information on events, personnel, weather, and the bill of fare. In the front of the volume are photographs of a ship, presumably the Dashing Wave, and of a young man, presumably Hichborn. The Dashing Wave was not a naval vessel and Hichborn was not in the Navy at this time. This record is a copy of a journal kept on shipboard; there is no indication as to when it was sent to the Navy Department.

PAPERS RELATING TO ESPIONAGE. 1861. 1/2 in.

47

A letter, addressed to President Lincoln, offering to procure, for \$10,000, a copy of the plan of some Sardinian armed frigates being built at Toulon, France, and, for \$3,000, a copy of the plan of French armed frigates scheduled to be built at the same place. The letter has as an enclosure a tabular statement on the French fleet as of 1858, listing the various vessels by type.

"PLAN TO CAPTURE OR DESTROY THE MERRIMAC." 1862. 1/4 in.

48

A letter, dated March 16, 1862, from Dr. Benjamin Vallentin describing his plan to capture or destroy this Confederate ironclad. The letter was forwarded, with an endorsement by an unknown person, to Brig. Gen. W. S. Rosecrans, U. S. Army, who wrote a letter of transmittal forwarding it to Commodore Joseph Smith, Chief of the Bureau of Yards and Docks.

RECORDS OF THE BUREAU OF CONSTRUCTION AND REPAIR

The Bureau of Construction and Repair was responsible for designing, building, fitting, and repairing hulls of naval vessels, spars, boats, capstans, windlasses, steering gear, ventilating apparatus, tanks, ballast, casks, blocks, and ships' furniture; and for lumber, plates, and tools for sea stores of all kinds used by it in building vessels. It also had control of all vessels in ordinary (not in commission) and under repair and of the mooring and docking of vessels. The officers on duty with the Bureau constituted the Construction Corps of the Navy. In October 1894 the Secretary of the Navy issued an order centralizing in the Bureau of Construction and Repair the responsibility for the design, structural strength, and stability of all vessels built for the Navy. Thereafter other bureaus were not authorized, during the construction of a ship, to make changes in designs under their jurisdiction--changes in machinery designs by the Bureau of Steam Engineering, for example--unless the changes were approved by the Bureau of Construction and Repair. When the Bureau of Equipment was abolished in 1910 the Bureau of Construction and Repair was given the following additional functions formerly assigned to the Bureau of Equipment: to manufacture anchors and cables; to supply and fit rope, cordage, and galley equipment; and, in conjunction with the Bureau of Steam Engineering, to install voice tubes, conduits, and means of mechanical signaling aboard naval vessels.

From time to time additional duties necessitated by naval expansion and technical developments were assigned to the Bureau of Construction and Repair. These included, as of the World War I period, responsibility, after consultation with the Bureau of Ordnance, for the installation of armor and permanent fixtures of armament aboard naval vessels; and the control of certain shore establishments, including repair bases for submarines and aircraft. During World War I the Bureau functioned through the following divisions: Aircraft, Contract, Design, Maintenance, Production, Shore Establishments, and Supply. At the time the Bureau was abolished in 1940 it was also responsible for the design, development, and procurement of materials and appliances for defense against gas (except as specifically assigned to other bureaus); for diving gear and experimental diving units, respiratory protective devices, paravanes, and

minesweeping gear; for the upkeep and operation of the David W. Taylor Model Basin at Carderock, Md.; and jointly with the Bureau of Engineering, for the upkeep and operation of the Materials Laboratory at the New York Navy Yard.

The Bureau of Construction and Repair maintained an extensive field organization for supervising construction of naval vessels at private shipyards and for inspection purposes. As soon as a contract for a naval vessel was signed there were appointed, in connection with the building of the vessel, a superintending constructor from the Bureau of Construction and Repair, an inspector of machinery from the Bureau of Engineering, an inspector of equipment from the Bureau of Equipment, and an inspector of ordnance from the Bureau of Ordnance. These officials were usually stationed at the contractor's works. The main duty of the superintending constructor was to see that the ship was built according to the contract. Inspectors of material, under the jurisdiction of the Bureau of Construction and Repair, were stationed at manufacturing firms supplying the building contractor with materials to see that the materials furnished met the specifications. Before 1919 the Bureau's inspection service included two main inspection districts, the Eastern District and the Western District, covering the industrial territory of the United States in the East and Middle West. Inspecting officers were stationed at industrial centers within these districts. In 1919 the geographical limits of inspection districts were changed and their number was increased. The entire territory of the United States was divided into inspection districts, seven for miscellaneous materials and eight for timber and lumber.

Frequently, in the course of construction of a naval vessel, changes in the details of design were made because of technical advances after the signing of the contract or a change of policy on the part of the Navy Department or for other reasons. Such changes were proposed by the Bureau of Construction and Repair, the superintending constructor, one of the other inspectors, or the contractors. If the estimated cost of the change was not more than \$500, it was within the province of the bureaus to decide the question; if the amount was larger than \$500, the matter was referred to the Secretary of the Navy. In order to determine the exact amounts of increased or decreased compensation to which contractors were entitled on account of authorized changes, the Navy Department in 1888 provided for the establishment of boards to determine the cost of changes on naval vessels. These boards were called "boards on changes" and were later designated "boards on hull changes." The boards were under the jurisdiction of the Bureau of Construction and Repair. Each board consisted of three naval constructors. The senior member was the same for all such boards at the various shipyards in a given area; the second member was usually the senior assistant at the shipyard in question; and the third member was detailed from a nearby navy yard or private shipyard. The boards met in the office of the superintending constructor. When a board's report had been approved by the Bureau (if the change in cost was not more than \$500) and by the Navy Department (if the change in cost was greater than \$500), the case was settled and the legal right of the contractor to additional compensation in the amount specified

was established or, if the cost was decreased, the legal right of the Government to deduct the amount specified was established.

The records of the Bureau of Construction and Repair in the National Archives include the correspondence of the office of the Chief of the Bureau; plans of ships and shore stations; technical and miscellaneous records relating to ships; records relating to litigation involving ships; records of a few subordinate units of the office of the Chief of the Bureau; records relating to supplies, equipment, and accounts; correspondence of superintending constructors at private shipyards, records of boards on changes, and other field records; records relating to the International Conference on Safety of Life at Sea; and miscellaneous items. Some series of records were begun by the Bureau of Construction, Equipment, and Repairs and were continued by the Bureau of Construction and Repair; they therefore antedate the establishment of the latter Bureau. Several series of records that were begun by the Bureau of Construction and Repair were continued by the Bureau of Ships; most of these series are described with the records of the Bureau of Ships. Records of the Bureau of Construction and Repair relating to aviation, 1917-25, are among the records of the Bureau of Aeronautics (Record Group 72); and a register of contracts, 1365-76, of the Bureau of Construction and Repair is among the Naval Records Collection of the Office of Naval Records and Library (Record Group 45).

GENERAL RECORDS OF THE OFFICE OF THE CHIEF OF THE BUREAU

Correspondence and Reports, 1850-86

LETTERS SENT TO THE SECRETARY OF THE NAVY. Aug. 1850-Sept. 1867. 1 vol. 2 in. ⁴⁹

Copies of letters sent to the Secretary of the Navy containing information concerning vessels in service, construction and repairs to vessels, timber and other materials for vessels, personnel, funds for the Bureau, and other matters relating to activities and functions of the Bureau. Arranged chronologically. The volume includes a register, arranged chronologically, giving subject of correspondence.

LETTERS SENT TO THE SECRETARY OF THE NAVY. Feb. 1862-Aug. 1877. 3 vols. 3 in. ⁵⁰

Press copies of letters sent. The letters dated before September 1867 are duplicated in the letters sent series described in entry 49. Many of the letters in volume 2 are illegible. Arranged chronologically.

LETTERS SENT TO OFFICERS. Jan. 1856-Oct. 1870. 2 vols. 4 in. ⁵¹

Copies of letters sent to naval officers relating to the construction and repair of vessels and to requisitions for funds and materials for construction and repairs, payrolls, and other matters. A large part of the correspondence from July 1861 to November 1863 consists of letters to Rear Adm. Francis H. Gregory, General Superintendent of Ironclads, New York, N. Y. The correspondence after November 1863 pertains primarily to vessels already in commission. Arranged chronologically. There is a name index at the beginning of both volumes. In addition, in the

second volume there is a register, arranged chronologically, showing the subject of letters to Admiral Gregory and a register, arranged by squadrons and thereunder chronologically, showing subject of letters sent to commanding officers of squadrons. For letters sent to the General Superintendent of Ironclads after November 23, 1863, see entry 55.

LETTERS SENT TO OFFICERS. Feb. 1862-Apr. 1863. 3 vol. 3 in. 52

Press copies of letters sent to officers, including the General Superintendent of Ironclads, before February 11, 1864. Arranged chronologically, with name indexes at the beginning of each volume. For press copies of letters sent to the General Superintendent of Ironclads after February 11, 1864, see entry 56. For duplicate copies of letters sent to officers, see entry 51.

LETTERS SENT TO COMMANDANTS OF NAVY YARDS. Mar.-June 1863. 1 vol. 1 in. 53

Press copies of letters sent relating to the construction and repair of vessels or parts for vessels, materials for repair and construction, and other matters. Arranged chronologically, with an index to names of commandants.

LETTERS SENT TO THE COMMANDANT OF THE PHILADELPHIA NAVY YARD. Oct. 1858-Apr. 1875. 2 vols. 4 in. 54

Copies of letters and a few telegrams sent. Arranged chronologically. There is a subject index at the beginning of each volume, arranged alphabetically by initial letter of subject and thereunder chronologically.

LETTERS SENT TO THE GENERAL SUPERINTENDENT OF IRONCLADS. Nov. 1863-Apr. 1867. 1 vol. 2 in. 55

Copies of letters sent to Rear Adm. Francis H. Gregory from November 1863 to September 1866, and to Commodore (later Rear Admiral) Cadwalader Ringgold from October 1866 to April 1867, relating to progress, inspections, and payments in connection with construction and alterations of vessels performed under various contracts. After the close of the office of the General Superintendent of Ironclads on November 1, 1866, there are letters to Commodore Ringgold as president of a board on claims of contractors. Arranged chronologically. There is a subject index, which is arranged alphabetically by initial letter of subject and thereunder chronologically. For letters sent before November 23, 1863, see entry 51.

LETTERS SENT TO THE GENERAL SUPERINTENDENT OF IRONCLADS. Feb. 1864-Apr. 1867. 2 vols. 2 in. 56

Press copies of letters sent. These letters are also copied in the volume described in entry 55. Arranged chronologically. For press copies of letters sent to the General Superintendent of Ironclads before February 12, 1864, see entry 52.

LETTERS SENT TO CONTRACTORS. Apr. 1866-Sept. 1875. 1 vol. 2 in. 57

Copies of letters sent to contractors relating to contracts for the construction and repair of vessels, the delivery of various materials for construction and repair work, and payments on contracts. Arranged

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chronologically, with a name index. For earlier letters sent to contractors, see entry 58.

LETTERS SENT. July 1862-Apr. 1868. 2 vols. 4 in. 58

Copies of letters sent to newspapers, the Fourth Auditor of the Treasury, individuals and firms, and to contractors before April 1, 1866, relating to advertisements of proposals for bids to supply timber and other materials and to construct or repair vessels or parts for vessels, contracts for repairs or construction, payments of bills for advertisements, and performance of contracts. Arranged chronologically, with name indexes. For letters sent to contractors after April 2, 1866, see entry 57.

LETTERS SENT. Feb. 1862-May 1870. 14 vols. 1 ft. 59

Press copies of letters sent to newspapers, contractors, individuals, the Fourth Auditor of the Treasury, and others. Most of these letters are copied in the volumes described in entries 57 and 58. Arranged chronologically except that the last two volumes contain letters of overlapping dates. There is a name index at the beginning of each volume.

LETTERS SENT. Feb. 1873-Mar. 1874. 1 vol. 1 in. 60

Press copies of letters sent to newspapers, Congressmen, commercial firms, and individuals relating to advertisements for materials for ship repair and construction and for the sale of vessels, the repair of vessels, the hiring of personnel, and other matters. Arranged chronologically.

LETTERS RECEIVED FROM THE SECRETARY OF THE NAVY. Jan. 1861-Dec. 1869. 2 vols. 4 in. 61

Letters received relating to the construction of vessels, instructions on the awarding of contracts, the acquisition and disposal of vessels, estimates and expenditures of funds, and personnel. Arranged chronologically. There is a register at the beginning of each volume, arranged chronologically, giving date of letter, subject, and page number on which it appears. The first part of the register in volume 2 (for the letters dated from January 1864 to February 1868) is missing.

LETTERS RECEIVED FROM OFFICERS. Jan. 1862-June 1866. 7 vols. 1 ft. 62

Letters and a few telegrams received from officers, most of whom were on duty with a vessel but some of whom were at a naval station. Arranged chronologically. There are registers, arranged chronologically, in the first four volumes (1862-63), giving name of vessel or station of officer, name of officer, and subject of correspondence.

LETTERS RECEIVED FROM THE COMMANDANT OF THE PHILADELPHIA NAVY YARD.

Jan.-Dec. 1863. 1 vol. 2 in. 63

Letters and a few telegrams received. Arranged chronologically. There is a register, arranged chronologically, giving subject of correspondence.

"LETTERS RECEIVED FROM SUPERINTENDENTS OUTSIDE OF NAVY YARDS." Jan. 1862-May 1867. 13 vols. 3 ft. ⁶⁴

Letters received from Rear Adm. Francis H. Gregory and, after October 1866, from his successor, Commodore Cadwalader Ringgold, with many enclosures of correspondence and reports from engineers and inspectors under their jurisdiction and reports of various boards appointed to make surveys of vessels, concerning recommendations on claims for extra costs by contractors and other matters relating to the construction, purchase, and alteration of gunboats under contract. Arranged chronologically by year, thereunder in roughly numerical order until October 1866, and thereafter chronologically. At the beginning of the first four volumes are registers, arranged chronologically, giving date and subject of correspondence. Most of the pages for the register of volume 4 are missing. For progress reports, the transmittal letters for which are in these volumes, see entries 65 and 68.

"REPORTS FROM SUPERINTENDENTS OUTSIDE OF NAVY YARDS." Sept. 1862-Apr. 1863. 2 vols. 3 in. ⁶⁵

Weekly reports of the General Inspector of Ironclads transmitting reports of local inspectors of ironclad steamers to the General Superintendent of Ironclads, who in turn submitted them to the Bureau of Construction and Repair. The General Inspector of Ironclads was the principal assistant to the General Superintendent of Ironclads. The transmittal reports of the General Inspector give summarized information and the enclosures give detailed information on the condition and progress of work on each vessel. A few of the vessels reported on in these reports are later included in the biweekly reports described in entry 68. Arranged chronologically. Reports Nos. 22-35 are in the first half of a volume which contains, in the last half, some of the semimonthly reports described in entry 66. There is an index to the reports in each volume. For letters received concerning these vessels and for letters transmitting the reports, see entry 64.

"REPORTS FROM SUPERINTENDENTS OUTSIDE OF NAVY YARDS." Jan. 1863-July 1866. 3 vols. 6 in. ⁶⁶

Semimonthly reports until June 1865 and thereafter monthly reports of the General Inspector of Ironclads transmitting reports of inspecting engineers concerning the progress and condition of work on iron side-wheel steamers, screw tugboats, and ironclad turret vessels to the General Superintendent of Ironclads, who in turn forwarded the reports to the Bureau of Construction and Repair. Arranged chronologically. These reports begin in the last half of a volume, the first half of which contains some weekly reports described in entry 65. For letters received concerning these vessels, see entry 64.

INDEXES TO "REPORTS FROM SUPERINTENDENTS OUTSIDE OF NAVY YARDS."

Jan. 1864-July 1866. Less than 1/4 in. ⁶⁷

Indexes, by name of vessel, to part of the semimonthly and monthly reports described in entry 66. They are arranged chronologically by the following periods: January-July 1864, August 1864-February 1865, and February 1865-July 1866, and thereunder alphabetically by name of vessel. The reports to which these indexes refer were apparently bound at one

52- are in three volumes covering the above periods. When the reports were rebound, those for the period January 1864-July 1866 were consolidated into two volumes (the last two volumes of those described in entry 66). Since the pages were not renumbered when the reports were rebound, these indexes can be used to locate reports in the present volume.

REPORTS FROM SUPERINTENDENTS OUTSIDE OF NAVY YARDS." Nov. 1862-

Sept. 1866. 10 vols. 2 ft.

68

Biweekly reports until June 1865 (through report No. 66) and thereafter monthly reports of the General Inspector of Ironclads transmitting reports of local inspectors on ironclad steamers to the General Superintendent of Ironclads, who in turn forwarded the reports to the Bureau of Construction and Repair. The transmittal reports of the General Inspector give summarized information regarding names of inspectors, vessels, and contractors; place where work was carried on; number of men employed on each vessel; and progress of work. The enclosures give detailed information concerning the progress and condition of the work on each vessel. Arranged chronologically, with the exception of report No. 27 which is in a separate volume after report No. 31. There is an index to the reports in the first two volumes. For letters received concerning these vessels and for letters transmitting these reports, see entry 64.

INDEXES TO "REPORTS FROM SUPERINTENDENTS OUTSIDE OF NAVY YARDS."

Jan. 1864-Jan. 1866. 1/4 in.

69

Indexes, by name of vessel, to part of the biweekly and monthly reports described in entry 68. They are arranged chronologically, generally by 2-month periods, and thereunder alphabetically by name of vessel. The reports to which these indexes refer were apparently bound at one time in volumes, each of which covered approximately a 2-month period. When the reports were rebound more reports were placed in each volume so that the present volumes generally cover a 3-month period. Since the pages were not renumbered when the reports were rebound, these indexes can be used to locate reports in the present volumes.

LETTERS AND TELEGRAMS RECEIVED FROM CONTRACTORS. Jan. 1864-Dec. 1868;

Jan. 1885-Dec. 1886. 3 vols. 8 in.

70

Letters and telegrams received from contractors relating to contracts, specifications, acceptance and rejection of parts for vessels, delays in deliveries, payments, and other matters pertaining to contracts. Arranged chronologically.

LETTERS RECEIVED. Jan. 1862-Dec. 1867. 7 vols. 1 ft.

71

Letters, with some enclosures, received from commercial firms (including contractors for ship repair and construction to January 1864), private individuals, the Fourth Auditor of the Treasury, and others. Most of the correspondence for 1862-63 relates to bids, awards, and the carrying out of construction contracts. Other correspondence relates to payments for wages and materials, inventions, the sale of vessels by the Government, and advertisements. Arranged chronologically. There is a register in the front of each volume, except the last, giving date of correspondence, name of correspondent, subject of correspondence, and page number. The registers in the first five volumes are arranged

chronologically; the register in the sixth volume is arranged alphabetically by initial letter of correspondent's surname and thereunder chronologically. For letters received from contractors after January 1, 1864, see entry 70.

MISCELLANEOUS LETTERS RECEIVED. Nov. 1870-Apr. 1877. 1 vol. 2 in.

Letters received for the most part from contractors and private individuals relating to inventions, and bids or offers to furnish timber and other materials, to build engines, and to repair vessels. This correspondence apparently was not placed with the main bodies of letters received and was therefore bound separately. A notation on the back of the volume identifies the contents as letters "found with other papers left by Mr. I. Hanscom but not officially on file nor entered prior to Mar. 1878." (Commodore Isaiah Hanscom was Chief of the Bureau of Construction and Repair from 1871 to 1877.) Arranged chronologically. There is an index arranged alphabetically by initial letter of name of person or vessel and thereunder by subject. 72

LETTERS RECEIVED RELATING TO THE NEW 870-, 1700-, and 4000-TON SHIPS.

Jan.-July 1886. 1 vol. 1/4 in.

Letters received by the Bureau of Construction and Repair from other bureaus of the Navy Department and from the Navy Department Board on Additional Vessels (see entry 247) relating to changes in design, construction, and equipment and stores for these new ships. Included are some lists and tables of equipment and weights. Arranged chronologically. 73

Correspondence, Reports, and Related Records, 1887-1940

GENERAL CORRESPONDENCE. 1887-95. 50 ft.

Letters, endorsements, telegrams, and reports received and press copies of correspondence sent. Arranged chronologically by year and thereunder in two groups. The first group contains correspondence on all subjects except specific vessels and is arranged numerically by file number (letters received and copies of replies thereto are filed together); the second group contains most of the correspondence relating to specific vessels, which was withdrawn from the first group and filed alphabetically by name of vessel and thereunder, in most instances, numerically by file number. Exceptions to this arrangement are as follows: (1) For the year 1888 two sets of numbers were used for each of the two groups and therefore there are four groups of correspondence. The first set of numbers covers the correspondence sent and received from January to May 22 and the letter "A" is prefixed to each number. (2) Some of the correspondence relating to trials of specific vessels for the period 1893-94 is filed in a separate group after the correspondence for 1893. It is arranged in general by name of vessel. (3) There is no general correspondence for 1895. Some correspondence relating to specific vessels is scattered in the series on subjects other than specific vessels and, in some instances, correspondence relating to two or more vessels was withdrawn and filed alphabetically by name of one of the vessels. For example, a considerable amount of correspondence relating to the Massachusetts and to the Oregon for 1891 is filed under the letter "I" with the correspond-

... on the Indiana. Usually there are no cross-references or labels to indicate such a consolidation. For registers, see entries 75-81. Some of the correspondence relating to ships described in this entry is duplicated in the correspondence described in entry 82. For some miscellaneous items withdrawn from this file, see entry 83.

CORRESPONDENCE REGISTERS ("KEY BOOKS"). 1890; 1892; 1894. 8 vols. 1 ft.

Registers of the correspondence described in entry 74 showing file number and subject of correspondence and the action taken, such as when and to whom replies to incoming correspondence were sent, to whom correspondence was referred, or that the correspondence was filed. Arranged chronologically by year and thereunder numerically by file number of correspondence.

REGISTERS OF LETTERS RECEIVED. Aug. 1891-Dec. 1895. 3 vols. 3 in.

Give date of letter, file number (see entry 74), name of correspondent, subject of correspondence, and dates of actions taken. Arranged chronologically. The entries in these registers appear to be restricted to correspondence from contractors or naval constructors located at contracting firms, and the information they contain is duplicated in some of the registers described in entry 75.

REGISTER OF REPORTS RECEIVED FROM NAVY YARDS AND NAVAL STATIONS.

1890-93. 1 vol. 1/2 in.

Shows name of navy yard or naval station, date report was received, title of report, month for which report was made, and Bureau's file number (see entry 74). The reports are monthly reports on vessels, employees, and expenditures. Arranged by name of navy yard and naval station and thereunder chronologically, with an index to yards and stations in the front of the volume.

RECORD OF REPORTS OF WEIGHTS AND REPAIRS. 1891-94. 1 vol. 1/2 in.

This is probably a record of reports received. For reports of weights of material placed in hulls of vessels it shows date, name of vessel, navy yard or shipyard at which vessel was located, and file reference to correspondence of the Bureau of Construction and Repair (see entry 74); and for reports of repairs to vessels it shows date, name of vessel, navy yard from which sent, period covered by report, and file reference to correspondence of the Bureau of Construction and Repair (see entry 74). Arranged by type of report and thereunder chronologically.

REGISTERS ("DAYBOOKS") OF LETTERS RECEIVED REGARDING SHIPS. Aug. 1891-Dec. 1895. 5 vols. 4 in.

Show date of letter's receipt, name of person or office from which it was received, name of vessel and subject of letter, writer's file number, Bureau's file number (see entry 74), date action was taken, and nature of action or remarks. Arranged chronologically and thereunder by name of vessel.

REGISTERS OF COMMUNICATIONS RECEIVED REGARDING SHIPS. 1891-1900. 2 vols. 2 in. ⁸⁰

Show name of ship, document received (various types of reports, requisitions, and financial papers), and Bureau's file number (see entries 74 and 92). Occasionally dates of keel laying, launching, and commissioning are shown. Arranged by name of ship, with indexes to names of ships in the volumes.

REGISTERS OF REPORTS RECEIVED FROM SHIPS AND STATIONS. 1894-95. 2 vols. 1 in. ⁸¹

Show name of ship or station; form number and occasionally title of report; date report was received; and Bureau's file number (see entry 74). The volume for 1894 contains an explanation of form numbers showing that the reports are monthly and quarterly reports on vessels, personnel, expenditures, docking, surveys of articles, and hull inspections. Arranged chronologically and thereunder by name of ship or station, with indexes to ships and stations in the volumes.

CORRESPONDENCE SENT AND RECEIVED RELATING TO SHIPS. 1886-94. 161 vols. and 1 index vol. 22 ft. ⁸²

Copies of incoming and outgoing letters, endorsements, a few telegrams, and enclosures relating to the construction, inspection, alteration, and equipping of various ships and to claims and payments therefor. Eleven of the early volumes, 1886-88, contain correspondence pertaining to several ships. The remaining volumes, with the exception of the index volume, are arranged alphabetically by name of ship. Some of the early correspondence in the general volumes is duplicated in the volumes for specific ships. Within the volumes, incoming correspondence is copied on one side of the page and outgoing correspondence on the opposite side. The incoming and outgoing correspondence for the earlier period is arranged chronologically; and for the later period, numerically by file number. Each of the volumes has a name and subject index and, in addition, there is one index volume, December 1888-April 1891, relating to correspondence for several ships in different volumes. Some of the correspondence indexed in this volume has been found in the other volumes, but some of it has not been located or identified. Some of the correspondence described in this entry is duplicated in the correspondence described in entry 74.

MISCELLANEOUS CORRESPONDENCE AND REPORTS. 1887-1911. 5 ft. ⁸³

This material, with the exception of two or three items, was withdrawn from the correspondence described in entries 74, 88, and 92. It includes correspondence relating to the repair and maintenance of the Constitution, reports of the progress of work on the hulls of various vessels, balance sheets of naval stores and materials on vessels, reports of surveys of supplies and equipment at the naval station at Olongapo, Philippine Islands, statements of the Bureau's functions and organization prepared for the President's Commission on Economy and Efficiency and correspondence with superintending constructors concerning filing systems in use in their offices in connection therewith, reports on the condition of machinery on vessels, receipts for packages delivered to the Adams Express Co., a few items relating to payments on contracts and appropriations, and a copy of the annual report of the Chief of the Bureau of Construction and Repair

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for 1890. In some instances all correspondence filed under a given number is in this collection, and in other instances a part is in this collection and the remainder is in the correspondence described in entries 83 and 92. There are no cross-references to this material in the correspondence from which it was withdrawn, and the indexes described in entries 91 and 107 do not indicate its location. Generally papers bearing the same subject number are filed together, but the material is otherwise unarranged. Correspondence relating to steel inspection, which is grouped together in this collection, is described in entry 110.

LETTERS RELATING TO PERSONNEL ASSIGNMENTS. Oct. 1890-July 1894. 1 vol. 1 in. 84

Chiefly copies of letters from the Secretary of the Navy, but including some from the Chief of the Bureau of Navigation that were received in the Bureau of Construction and Repair for forwarding to naval officers and other personnel relating to assignments for work. There are a few letters of reply from officers with respect to the assignments. Arranged chronologically. There is a name index in the volume.

CORRESPONDENCE CONCERNING ANNUAL REPORTS. 1889-91. 5 in. 85

Consists mainly of letters from naval personnel and others acknowledging the receipt of copies of the Bureau's annual reports. Interspersed in this correspondence are a few items of unrelated correspondence on contracts, contract changes, and status of purchase orders for steel, fittings, and other supplies. Unarranged.

MISCELLANEOUS CORRESPONDENCE. Aug. 1889-Dec. 1894. 1 vol. 1/2 in. 86

Copies of letters and memoranda sent to and received from other bureaus of the Navy Department and personnel in the Bureau of Construction and Repair; circular letters issued by the Bureau to commandants of navy yards and superintending constructors, and several circulars issued by the Secretary of the Navy; and instructions and reports. The correspondence relates to blueprints, specifications, the arrangement and design of vessels and parts, and weights of materials. Arranged numerically by file number except that Nos. 34-71 are in the back of the volume. There is a subject index.

CORRESPONDENCE RELATING TO THE MAINE. 1895-98. 2 ft. 87

Letters, telegrams, endorsements, reports, and requisitions received and press copies of letters sent. Some of this material was withdrawn from the correspondence described in entry 92 and bears the file numbers of that correspondence. Unarranged, although most of the correspondence of a given correspondence number is together.

CORRESPONDENCE ("A" DOCUMENTS). 1896-1925. 1,313 ft. 88

Incoming letters, memoranda, reports, and related papers and copies of those sent concerning administration and other matters with which the Bureau was concerned, excluding correspondence concerning ships (see entries 92 and 105) and correspondence concerning steel inspection, 1898-1912 (see entry 110). Incoming communications and copies of replies are filed together numerically, the letter "A" being affixed to the numbers. Most

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the numbers have a subject significance and cover a collection of documents that are numbered serially under the subject number. The correspondence is arranged in the following three series, all filed according to the same classification scheme: one series for the period 1896-1911, when the documents were folded, stamped, and briefed; and two series for the period 1912-25, when the documents were filed flat and stapled in folders. The latter two series contain correspondence filed under the same subject numbers but not the same serial numbers. If a serially numbered document is not found under the subject number in one series, it will be found in the other. There does not appear to be any distinction between the two series as to content or type of correspondence. Some enclosures (3 ft.) covering the period 1897-1919 are filed separately from the correspondence to which they relate. They are unarranged and there are no cross-references to them in the pertinent correspondence. Most of the correspondence relating to requisitions is also filed separately (see entry 89).

For history cards and the index to this correspondence, see entries 90 and 91. Some correspondence relating to personnel has been removed from this series and filed with the correspondence described in entry 115. This is indicated by cross-reference sheets showing name of person, old file number, and new file number (number used for correspondence described in entry 115). For some miscellaneous items withdrawn from this series of correspondence, see entry 83; for registers in which a few items in this series are registered, see entries 102 and 103.

CORRESPONDENCE RELATING TO REQUISITIONS. 1896-1913. 197 ft. 89

Letters received and copies of letters sent concerning requisitions for materials, supplies, publications, and routine equipment (such as furniture) for ships. The correspondence is with paymasters and storekeepers at navy yards and naval stations, and with superintending constructors and other persons at shipbuilding and manufacturing firms. Incoming communications and copies of replies are filed together. Correspondence on related matters, such as payments, contracts, shipping orders, and inspections and tests of articles requisitioned, is included. Arranged numerically (A51-A100) and thereunder chronologically. Each number generally covers correspondence concerning requisitions for a single navy yard, naval station, or private firm. Index cards in the index described in entry 91 show, for this correspondence, name of navy yard, naval station, or private firm and the number under which the correspondence is filed. For history cards, see entry 90. A few letters relating to requisitions, filed under numbers A51-A100, have been left in the correspondence described in entry 88.

HISTORY CARDS. 1896-1925. 75 ft. 90

These cards relate to the correspondence described in entries 88 and 89 and to the documents described in entry 118. They show subject of correspondence, subject number, an abstract of correspondence, date, and serial number. Arranged numerically and thereunder chronologically.

INDEX TO CORRESPONDENCE. 1896-1925. 76 ft. 91

A card index to the correspondence described in entries 88, 89, and 103, showing name of correspondent or subject and subject number.

correspondence, and sometimes an abstract of correspondence, date, and serial number. Some of the cards that were originally filed in this index have been removed to the index described in entry 117, and a cross-reference to that index has been inserted in their place. Arranged alphabetically by name of correspondent or subject.

CORRESPONDENCE CONCERNING SHIPS ("E" DOCUMENTS). 1896-1915. 1,992 ft.

Incoming letters, memoranda, reports, and related papers and copies of those sent concerning individual ships or classes of ships. Incoming communications and copies of replies are filed together numerically, the letter "E" being affixed to the numbers. Most of the correspondence numbers have a subject significance and cover a collection of documents that are numbered serially under the subject number. Arranged in two series, both filed according to the same classification scheme: one series for the period 1896-1911, when the documents were folded, stamped, and briefed, and another for the period 1912-15, when the documents were filed flat and stapled in folders. There are a few items in the latter series dating to 1919. For the index to this correspondence, see entry 107; for registers, see entries 80 and 96-103; and for correspondence withdrawn from this series, see entries 83, 87, 94, and 95. For later correspondence concerning ships, see entry 105.

HISTORY CARDS. 1896-1915. 82 ft.

These cards relate to the correspondence described in entry 92 (including the few items dated to 1919). They show subject of correspondence, subject number, an abstract of correspondence, date, and serial number. Some of the cards show the number under which later correspondence was filed (see entry 105). Arranged numerically and thereunder chronologically.

REPORTS OF PROGRESS ON THE CONSTRUCTION OF VESSELS. 1896-1905. 13 ft.

Monthly reports from superintending constructors describing the work in progress on a number of vessels and stating the percentage of completion. These reports were received as enclosures to the correspondence described in entry 92. Arranged alphabetically by name of vessel and thereunder numerically.

CORRESPONDENCE RELATING TO THE CHARLESTON. 1896-99. 1 ft.

Letters, reports, and endorsements received and press copies of those sent. This material was withdrawn from the correspondence described in entry 92 and is arranged numerically by file number of that correspondence.

REGISTER OF REPORTS RECEIVED FROM SHIPS. 1896. 1 vol. 1 in.

Shows name of ship, form number, and occasionally title of report, date of report, and Bureau's file number (see entry 92). A list of form numbers in the volume shows that the reports are monthly and quarterly reports of ships, steam launches, inspections of hulls, seagoing qualities of ships, surveys of articles, and abstracts of receipts and expenditures. Arranged by name of ship, with an index to names of ships in the front of the volume.

REGISTERS ("DAYBOOKS") OF LETTERS RECEIVED REGARDING SHIPS. Jan. 1896-Dec. 1897; Oct. 1898-Mar. 1899. 3 vols. 3 in. 97

Show date of letter's receipt, name of person or office from which it was received, subject of letter, writer's file number, Bureau's file number (see entry 92), date action was taken, and nature of action or remarks. Arranged chronologically and thereunder by name of vessel.

REGISTER OF LETTERS RECEIVED REGARDING SHIPS. May 1897-Dec. 1898. 1 vol. 1 in. 98

Gives date the letter was received, office of the correspondent, Bureau's file number, and subject of letter. Arranged chronologically by date the correspondence was received. Although the dates of the items in this register overlap with those in the register described in entry 99 and both registers refer to the correspondence described in entry 92, the two registers do not appear to duplicate each other. There are a few duplications between this register and the third volume of the registers described in entry 97.

REGISTER OF LETTERS RECEIVED REGARDING SHIPS. Jan. 1898-Jan. 1899. 1 vol. 1/2 in. 99

Gives date the letter was received, office of correspondent, Bureau's file number, name of vessel, subject of letter, and date action was taken. Arranged chronologically by date the correspondence was received. Although the dates of the items in this register overlap with those in the register described in entry 98 and both registers refer to the correspondence described in entry 92, the two registers do not appear to duplicate each other. There are a few duplications between this register and the third volume of the registers described in entry 97.

REGISTER OF DOCUMENTS RECEIVED RELATING TO SHIPS. Dec. 1901-Oct. 1903. 1 vol. 1 in. 100

Shows name of ship, document received (such as plans, weight reports, trial reports, and correspondence), file reference to incoming correspondence and reports (see entry 92) or to ship's plan number (see entry 126), to whom document was returned or sent, and date of action. Arranged by name of ship, with an index to names of ships in the front of the volume.

REGISTER OF CORRESPONDENCE REGARDING 22 SHIPS. 1906. 2 vols. 1/2 in. 101

Shows name of ship, date and subject of correspondence, file number of correspondence (see entry 92), and remarks. Seventeen of the ships were under construction at various shipyards, four were completed but were unassigned, and one was serving with the Asiatic Fleet. The register appears to have been set up as a temporary record of correspondence. The entries are in pencil and most of them are marked through with a large checkmark. Arranged chronologically.

REGISTER OF LETTERS RECEIVED. Mar.-May 1901. 1 vol. 1 in. 102

This register, relating primarily to vessels, shows name of vessel, subject of letter, Bureau's file number, date the letter was received, name of person or office from which it was received, file number assigned

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by office in which letter originated, date of letter, date it was referred to the Chief of the Bureau, date it was answered, and remarks, usually consisting of name of company or office to which reply was sent. Arranged by name of vessel, except for a few items entered under "Miscellaneous," and thereunder chronologically, with an index to vessels and the "Miscellaneous" items. Most of the Bureau's file numbers shown in this register refer to correspondence described in entry 92, but a few refer to the correspondence described in entry 83.

REGISTER OF LETTERS RECEIVED. 1900-1901. 1 vol. 1 in. 103

Shows name of vessel, navy yard or station, Navy Department bureau, other Government agency, shipyard, or private individual from whom the letter was received, name of person from whom it was received (if not already shown under the previous heading), Bureau's file number (see entries 88 and 92), date received and subject of letter, writer's file number and date of letter, date the letter was answered or referred, and to whom it was referred. Arranged by name of vessel, with a miscellaneous class for those communications not received from vessels. There is an index to names of vessels in the volume.

RECORD OF CORRESPONDENCE ANSWERED. Feb. 1897-Jan. 1898. 1 vol. 1 in. 104

Contains Bureau's file numbers (see entries 88 and 92) for correspondence received during the period February-November 1897, date the correspondence was received, and in most instances the date on which reply was made (February 1897-January 1898). Occasionally there are notations that no reply was required or there is no notation in the space provided. Arranged chronologically by date the correspondence was received.

CORRESPONDENCE CONCERNING SHIPS. 1915-25. 1,085 ft. 105

Incoming letters, memoranda, reports, related papers, and copies of correspondence sent concerning individual ships or classes of ships. Incoming correspondence and copies of outgoing correspondence are filed together numerically according to a subject-numeric classification scheme, thereunder alphabetically by ship's symbol, and thereunder numerically by number assigned each ship of the class designated by the symbol. The subject-numeric classification covers numbers from 0 through 201, each relating to a certain subject, such as "18" for radiography, and the ships' symbols indicate the type of ship, such as "B" for battleship. For each ship a number was added to the symbol to individualize it and to show its sequence in connection with other ships of its class. Thus a letter concerning the installation of a flag radio station on the bridge of the battleship Idaho would be filed as 18-B42, the number 42 being the number assigned to the Idaho. For the subject-numeric classification scheme and the ships' symbols in use during the period, see the appendix. An "X" added to a ship's symbol, such as PX and SPX, shows that the number following it was assigned to the vessel arbitrarily by the file room and not officially by the Navy Department. This series of correspondence is further arranged in two series, one dated 1915-16 and the other, 1916-25. For earlier correspondence concerning ships, see entry 92.

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HISTORY CARDS. 1915-25. 70 ft.

106

These cards relate to the correspondence described in entry 105. They show subject of correspondence, subject number, date, and abstract of correspondence. Arranged numerically, thereunder alphabetically by ship's symbol, thereunder numerically by ship's number, and thereunder chronologically.

INDEX TO CORRESPONDENCE CONCERNING SHIPS. 1896-1925. 52 ft.

107

A card index to the correspondence described in entries 92 and 105 showing, for the period 1896-1915, the subject of correspondence and its subject number, and sometimes an abstract of correspondence, its date and serial number; and, for the period 1915-25, the ship's name, symbol, and number, and the subject number of correspondence. Arranged alphabetically by name of ship. There is an alphabetical index to classes of ships.

MISCELLANEOUS CORRESPONDENCE CONCERNING SHIPS. 1916-25. 90 ft.

108

Incoming correspondence and copies of replies thereto concerning such matters as requests for information, offers of suggestions, and inventions in connection with ships in general. Arranged numerically under numbers 300 and 301 (301 superseded 300 for miscellaneous correspondence). For an index to this correspondence, see entry 91; for history cards, see entry 109.

HISTORY CARDS. 1916-25. 3 ft.

109

These cards relate to the correspondence described in entry 108. They show subject of correspondence, abstract of correspondence, date, and file number. Arranged numerically and thereunder chronologically.

CORRESPONDENCE RELATING TO STEEL INSPECTION ("I" DOCUMENTS). 1898-1912. 40 ft.

110

Incoming correspondence and copies of outgoing correspondence with officials at navy yards, shipbuilding firms, steel manufacturers, and other Navy Department bureaus (particularly the Bureau of Ordnance), concerning inspections, requirements, contracts, specifications, experiments, and tests of steel and of articles made of steel for naval purposes. Incoming communications and copies of replies are filed together numerically (Nos. 1075-2831), the letter "I" being affixed to the numbers, except that a small group of these records (5 ft.) bearing numbers 2080-2090 and a few other numbers have been filed separately (see entry 83) in roughly numerical order. Most of the numbers have a subject significance and cover a collection of documents that are numbered serially under the subject numbers.

HISTORY CARDS TO CORRESPONDENCE RELATING TO STEEL INSPECTION. 1899-1912. 5 ft.

111

These cards relate to the correspondence described in entry 110. They show subject of correspondence, name of correspondent, subject number, abstract of correspondence, date, and serial number. Arranged numerically and thereunder chronologically.

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106
CORRESPONDENCE RELATING TO LEGAL MATTERS. 1910-14. 1 in. 112
Copies of letters from the Attorney General and the Comptroller of the Treasury to the Secretary of the Navy, and from the Secretary of the Navy to chiefs of bureaus concerning legal opinions and interpretations of acts of Congress relating to the Navy Department. These copies are labeled "Mr. H. C. Brunner's Copies." (Mr. Brunner was a clerk in the Bureau of Construction and Repair.) Arranged chronologically.

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107
CORRESPONDENCE WITH ADM. WILLIAM S. SIMS. 1917-19. 5 ft. 113
Copies of letters, memoranda, reports, and endorsements exchanged between Admiral Sims, Commander of the United States Naval Forces Operating in European Waters, and the Bureau of Construction and Repair, other Navy Department bureaus, and the Secretary of the Navy relating to destroyer designs, airplanes and balloons, damages and repairs to vessels, equipment for the vessels operating in European waters, small craft, submarines, and personnel. Arranged according to a subject classification scheme.

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107
CORRESPONDENCE AND DATA CONCERNING STOCK REQUIREMENTS. 1917-22. 10 ft. 114
Letters and despatches received, copies of letters and despatches sent, and memoranda concerning stock supplies of material and equipment to be maintained at naval shore establishments. Arranged in numerical order under a filing system using "S" plus a number for classification and a letter-number subhead consisting of the first letter of the name of the material or equipment in question, and a distinguishing number (the file labeled S12B3 concerns buckets; S12B6, bells for powerboats; and S4L6, ratchet braces).

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GENERAL CORRESPONDENCE. 1925-40. 2,062 ft. 115
Letters and despatches received, copies of letters and despatches sent, reports, and memoranda. This correspondence includes papers that were withdrawn from the correspondence described in entry 88. These papers relate to individuals and generally date from 1912, but there are a few earlier items that are filed with the later papers relating to the same individual. A cross-reference in the place from which the papers were withdrawn indicates their present location in this correspondence. Arranged according to the Navy Filing Manual.

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HISTORY CARDS. 1925-40. 156 ft. 116
Relate to the correspondence described in entry 115 and to the reports and other documents described in entry 118. The cards show classification filing symbol, serial number, date, and abstract of correspondence. Arranged according to the Navy Filing Manual and thereunder chronologically.

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107
INDEX TO GENERAL CORRESPONDENCE. 1925-40. 51 ft. 117
A card index to the correspondence described in entry 115, the documents described in entry 118, and the contracts described in entry 286. The index shows name or subject, file number, and frequently an abstract of correspondence and date of correspondence. Some cards on miscellaneous subjects have been transferred to this index from the one described

in entry 91. Cards, referring to personnel correspondence transferred from the correspondence described in entry 83 to this correspondence, have been left in the index described in entry 91 and show the old file number only; cards relating to the same individuals in this index, 1925-40, show both the old and new numbers. Apparently only selected names and subjects are included. Arranged alphabetically by name or subject.

RESEARCH DATA. 1913-29. 16 vols. 3 ft.

118

Memoranda, reports, and compilations of data, by naval officers and others, on a variety of subjects such as cork lifejackets, statutory limitations in connection with repairs to ships, history of big gun battleships, consolidation of inspection forces under all bureaus, deck coverings, diesel engine and marine propulsion, and designs of various types of ships. Arranged numerically with lists, also arranged numerically, in each volume showing number, subject, name of author, and date. Until 1925 these records bear subject number 15474A of the correspondence described in entry 88, and thereafter they bear Navy Filing Manual symbol EN7All of the correspondence described in entry 115. In both of these series of correspondence there are cross-reference cards indicating the removal of this material, and an index card filed under the heading "Research Data" in the index described in entry 117 shows both subject numbers. The history cards described in entries 90 and 116 list the individual documents under the subject numbers.

CORRESPONDENCE REGARDING FINANCIAL MATTERS. 1925-40. 28 ft.

119

Letters and despatches received (originals addressed to the Bureau of Construction and Repair and information copies of correspondence addressed elsewhere for action) and copies of letters and despatches sent concerning appropriations and allotments. Arranged under the symbol 11 (appropriations, estimates, and allotments) according to the Navy Filing Manual symbols for large divisions of the naval establishment (such as navy yards, naval districts, fleets), but these divisions are not in alphabetical order. Included are files labeled 11 (ANV) and 11 (IN) which contain, respectively, correspondence pertaining to the appropriation for "Alterations to Naval Vessels" and correspondence pertaining to the appropriation for "Increase of the Navy."

RECORD OF TELEGRAMS AND RADIOGRAMS SENT AND RECEIVED. May 1916-Dec. 1929; Jan.-Mar. 1935; July 1938-Dec. 1939. 4 ft.

120

A daily record of telegrams and radiograms sent from May 1916 to December 1929 and from January to March 1935, giving time the message was sent, its file number, and place to which it was sent; and a record of telegrams and radiograms received from July 1938 to December 1939, giving file number of message and place from which it was received. Arranged chronologically.

MEMORANDA SENT ON SELECTED SUBJECTS. 1933-37. 1 ft.

121

Copies of outgoing memoranda relating to ground tackle, fire extinguishers, and diving. Arranged by subject and thereunder chronologically.

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Circulars, Orders, and Regulations

CIRCULARS, ORDERS, AND REGULATIONS. 1865-88. 2 vols. and 1 index vol. 122

Copies of circulars, general orders, and regulations issued by the Department; copies of sections from revised statutes relating to naval matters; and copies of circulars issued by the Bureau of Construction and Repair. They relate to a variety of matters, such as names of vessels; the requisition, inspection, and delivery of materials; surveys of vessels; and personnel. Arranged chronologically. Most of the material is duplicated in the two volumes. One volume contains a subject index; the subject index to the other volume is in a separate volume.

CIRCULARS. 1892-92. 1 vol. 1 in. 123

Copies of circulars issued by the Bureau of Construction and Repair and of a few circulars issued by the Navy Department or other bureaus of that Department relating to such matters as requisitions for stores and materials, plans and specifications for vessels, the outfitting of vessels, the preparation of various reports--including schedules--for contracts, and expenditures and appropriations. Arranged chronologically. There is a subject index in the front of the volume.

CIRCULAR LETTERS. Nov. 1911-Mar. 1912. 1 vol. 1/4 in. 124

Copies of circular letters issued by the Bureau of Construction and Repair relating to such matters as instructions for submitting reports and the use of printed forms; approvals for making repairs to vessels; and manufacturing, supplying, and packing parts for vessels. Arranged chronologically.

CIRCULARS, MEMORANDA, AND INSTRUCTIONS. Jan. 1917-Mar. 1919. 3 vols. 3 in. 125

Copies of circulars, circular letters, memoranda, and instructions issued by the Secretary of the Navy, the Bureau of Construction and Repair, and other bureaus of the Navy Department relating to various matters such as personnel, subsistence, office procedure, inspection of aircraft materials, contracts for vessels, camouflage painting, and repairs to vessels. The issuances in the first volume, covering the period January 1917-October 1918, are arranged chronologically and are indexed; issuances in the other two volumes, covering the period February 1918-March 1919, are unarranged and contain some duplications of material.

Plans of Ships and Stations, With Related Records

PLANS OF SHIPS AND SHORE ESTABLISHMENTS. 1794-1910. 2,800 ft. 126

Plans, tracings, blueprints, and vandykes (brown opaque drawings similar to blueprints except in color) of United States and foreign naval vessels, a few Confederate vessels, United States navy yards, and ships' facilities at foreign ports. Most of the plans are those of United States naval vessels, including plans of decks, bridges, inboard and outboard profiles, holds, magazines, armor, drainage systems, docking, and arrangement of sections, poop, forecastle, and superstructure. The navy yard plans include plans of buildings and docking facilities.

as well as a few plans of dock layouts at foreign ports. The earlier plans (1794-98) were prepared in the offices of the Secretary of War, the Secretary of the Navy, and the Board of Navy Commissioners. For a continuation of plans of the Bureau of Construction and Repair, see entry 1282. Arranged numerically in the style 4-6-10, 72-10-17, the main (first) numbers running from 1 to 204. These plans are known, from the style of numbers, as the "Dash Plan Series." For indexes to this series, see entries 127 and 128.

INDEXES TO PLANS OF SHIPS AND SHORE ESTABLISHMENTS. 1794-1910. 360 ft.

Card indexes to the plans described in entry 126 are arranged in the following series: ¹²⁷

1. Alphabetically by name of ship and thereunder alphabetically by title of plan, except that occasionally the arrangement is by class of vessel (for example, "Adder Class") and thereunder alphabetically by title of plan (199 ft.). Some of these plans show only name of vessel, title of plan, and file number (dash plan number), but most of the plans show name of vessel, title of plan, drafting room number (dash number by which the plan is filed), plan number (probably contractor's or superintending constructor's number), date of plan and date it was received, file reference to a Bureau of Construction and Repair letter concerning the plan, from whom the plan was received (navy yard, shipbuilding firm, or Navy Department bureau), and sometimes whether it is a drawing, blueprint, or vandyke.
2. Alphabetically by type of ship and thereunder, if pertinent, by number, such as "Armored Cruiser No. 1" (16 ft.). The information on these cards is similar to that on cards described in series 1 except that the cards in this series frequently relate to proposed and unnamed ships and therefore no ship's name is given. Some of these cards are cross-reference cards to the cards described in series 1. For instance, a card stating "Battleship No. 1-see Bainbridge" refers to plans of the Bainbridge, indexed in series 1.
3. Alphabetically by name of foreign country and thereunder alphabetically by name of ship (1 ft.). These cards are duplicated by the cards described in series 1.
4. Two miscellaneous series (10 ft.) unrelated to specifically named ships or related to more than one ship, the second series including plans of navy yards and foreign port facilities. Arranged by subject (title of plan, class of vessel, name of navy yard, or name of foreign port).
5. "Navy Yard File" (4 ft.), arranged alphabetically by name of vessel, with a few subject headings such as "Miscellaneous English Plans" and "Miscellaneous French Data." The dash numbers on these cards are practically all in the 140's and 190's. These cards are not duplicated by the cards described in series 1.
6. Arranged alphabetically by title of plan, cards for miscellaneous ships being filed under "X" and those for navy yards, under "Y," in two

series (95 ft. in the first series and 35 ft. in the second series).
There is no apparent distinction between the two series.

UNFINISHED PLANS OF SHIPS STRICKEN FROM THE NAVY REGISTER.

1901-15. 1 ft.

128

A card index showing name of ship, title of plan, and file reference
plan number (see entry 126) or to vault, pigeonhole, and yard
number. Arranged alphabetically by name of vessel. The vault, pigeon
hole, and yard number references are unidentified and may relate to a
previous location or filing arrangement of the plans. Stricken ves-
sels are those sold, scrapped, or otherwise disposed of by the Navy De-
partment. Most of the cards are undated and many of them are probably
of an earlier date than 1904. Included are cards for the Amphitrite
referring to plans of this vessel that are misfiled with plans of foreign
vessels (see entry 133).

MISCELLANEOUS PLANS. ca. 1863-1919. 25 ft.

129

Plans and blueprints, mostly of United States naval vessels, similar
to those described in entry 126. Unarranged.

RECORD OF BLUEPRINTS AND TRACINGS OF VESSELS. 1893-95. 2 vols.

2 in.

130

A record of plans sent to other Navy Department bureaus, the Secretary
of the Navy, naval constructors at navy yards and shipyards, and a few
naval stations and naval boards showing date sent, place sent, name of
vessel and title of plan, whether it is a blueprint or tracing, and the
number of blueprints or tracings sent. Arranged chronologically and
thereunder by name of agency or station to which sent or by name of ves-
sel, with indexes to places sent and names of vessels in the volumes.

PLANS OF BATTLESHIPS. 1896. 2 vols. 1 in.

131

Plans of inboard profiles, decks, holds, and platforms. One volume
contains plans of the "Alabama and Class"; the other, plans of the Illi-
nois. The plans are not dated, but it is indicated on some of them that
they were prepared to illustrate an article on "The New Battleships" pub-
lished in Transactions of the Society of Naval Architects and Engineers
in 1896.

RECORD OF PLANS SENT. 1896-98. 2 vols. 3 in.

132

Shows date plan was sent, name of ship and title of plan, and number
of sets sent. Arranged chronologically, with indexes to names of ships
in the volumes.

RECORD OF PLANS RECEIVED OF TORPEDO BOAT DESTROYERS NOS. 14, 15, and 16.

1899-1902. 1 vol. 1/2 in.

133

This volume contains a list of contractor's plans showing plan number,
subject, date of approval, number of blueprints, date forwarded to Bu-
reau, file reference to transmittal letter, and remarks; and a list of
reference plans showing reference number, plan number or mark, subject,
number of prints received, date received, from whom received (the Bureau
of Construction and Repair and various shipbuilding firms), file refer-
ence to correspondence (unidentified), number of receipts forwarded, to

whom receipts were forwarded, and date receipts were forwarded. Arranged by "Contractors Plans" and "Reference Plans," thereunder numerically by plan number. The officer or station receiving these plans is not shown. These ships were in service at various stations during the period.

PLANS OF THE CHICAGO. ca. 1907. 1 vol. 1 in. 134

Blueprint diagrams of the steering gear, spare steering gear, wardroom moldings, sliding doors in the cabin, aftershaft hanger, shaft tube, lifeline stanchions, sections of billboard, and similar equipment. Arranged by type of plan. Included are one or two similar plans of the Atlanta. The plans are not dated, but many of them were received by the Bureau of Construction and Repair in 1907. These ships were in service at this time.

RECORD OF NEGATIVES RECEIVED. 1910-12. 1 vol. 1 in. 135

Shows date negative was received, subject of negative and name of vessel to which it relates, file number of negative, and sometimes a notation that it was a glass negative. Arranged chronologically.

INDEX TO PLANS OF NAVAL AUXILIARY VESSELS AND ARMED MERCHANTMEN.

1915-18. 3 ft. 136

A card index to plans of naval auxiliary vessels and armed merchantmen acquired by the Navy Department for temporary use during World War I. The cards show name of vessel, class (auxiliary vessel or armed merchantman), name of foreign country if the vessel formerly belonged to a foreign country, title of plan, and file reference (vault, pigeonhole number, and yard number). The plans are of the vessels' hulls, machinery, and gun emplacements. Arranged alphabetically by name of vessel. The plans to which this index refers have not been found.

PLANS OF MERCHANT VESSELS. 1917-18. 15 ft. 137

Plans, tracings, blueprints, and vandykes of merchant vessels operated by the Navy Department during World War I. Included are general arrangement plans; hull plans; and plans of engine rooms, pumping and drainage systems, and apparatus and equipment. Arranged according to a numerical-alphabetical system.

PLANS OF FOREIGN VESSELS. 1917-33. 24 ft. 138

Plans showing arrangements of various parts, machinery, lighting and ventilation systems, and other apparatus, chiefly of British battleships of the World War I period. Arranged according to an alphabetical-numerical system (the letters A to O with numerical breakdowns under the letters). The letters of the alphabet that were used have no connection with a ship's name, but plans relating to a given ship are usually filed under the same letter. Misfiled with these records are plans of the Amphitrite, a United States vessel, 1891-99, which are included in the index to plans of ships stricken from the Navy Register (see entry 128).

STANDARD BOAT DETAIL SHEETS. 1919-37. 2 vols. 4 in. 139

Blueprints of machinery and equipment, with descriptions of alterations and schedules of materials. There is no particular arrangement except that related plans are frequently grouped together.

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YARDS AND NAVAL BASES. 1917-19. 1 ft. 140

Plans of yards and bases showing name and location of yard or base, and location and designation of buildings; and plans of departments at yards, such as the Public Works Department of the Washington Navy Yard, in which improvements made by the Public Works Department are indicated. Unarranged.

Records Relating to Ships' Descriptions, Dimensions, Weights,
Calculations, Tests, and Trials

TESTS OF CONSTRUCTION MATERIALS. 1883-84. 1 vol. 1/2 in. 141

This volume contains data on tensile strength tests performed on steel, beams, castings, and other steel materials used in the construction of an unidentified vessel. Shown are the dates of these tests, the dimensions and dimensions of the material, and the results. Arranged in strictly chronological order.

REPORTS OF HULL WEIGHTS. 1883-93. 55 vols. 4 ft. 142

Monthly reports of weights of materials placed in the hulls of naval vessels showing items, finished weight of each, weight of rivets for each item, and total weight of each item plus rivets; and the total weight of all items, the total weight of all rivets, and the grand total of weights of items and rivets. Some of the volumes also include reports from the naval storekeeper of the weight of stores placed on board, from the equipment officer of the weight of equipment at the time of sailing, and from the inspector of machinery of the weights of machinery. Arranged alphabetically by name or class of vessel (such as gunboats and steam tugs), with subject indexes in some of the volumes.

REPORT OF WEIGHTS AND DESCRIPTION OF EQUIPMENT AND STORES FOR THE BOSTON. 1 vol. 1/2 in. 143

This volume contains a record of weights of equipment, and descriptions showing width, length, height, depth (or kind and size where pertinent) of spars, boats, deadeyes, hearts, blocks, furniture, and stores manufactured for the Boston at the Portsmouth Navy Yard. Arranged by type of equipment, with an index to items in the volume. This volume is dated, but it was sent to the Bureau of Construction and Repair in 1883.

REPORT OF HULL WEIGHTS OF THE NEWARK. 1836. 1 vol. 1/2 in. 144

This volume shows item, weight in pounds and in tons, center of gravity forward and aft, moments forward and abaft, center of gravity below and above, moments below and above, and remarks. Arranged by item, with an index to items in the volume.

REPORT OF HULL WEIGHTS, 870-TON GUNBOAT. 1883. 1 vol. 1/2 in. 145

This volume shows item, weight in pounds and in tons, center of gravity forward and aft, moments forward and abaft, center of gravity below and above, moments below and above, and remarks. Arranged by item, with an index to items in the volume.

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TESTS TO BE APPLIED TO STEEL FOR USE IN THE CONSTRUCTION OF THE HULL AND MACHINERY OF CRUISERS NOS. 1, 4, AND 5 AND GUNBOATS NOS. 3 AND 4. 1336. 1 1/4 in. 146

Descriptions of tests to be made on steel for steel plates, steel castings, rivets, piston rings, and other parts made of steel. Arranged by subject.

RECORD OF ESTIMATED HULL WEIGHTS. 1889-94. 19 vols. 1 ft. 147

Shows name of vessel, item and its weight, and data regarding the center of gravity in connection with weight. Arranged by class of vessel and thereunder by number of vessel. The weight record in the volumes is not dated, but a number of the volumes include copies of correspondence, dated between 1889 and 1894, with other Navy Department bureaus concerning the weights.

RECORD OF WEIGHTS. 1890-92. 1 vol. 1 in. 148

Shows general class of equipment, parts, and apparatus (by class number), specific items thereunder and their weights, and the month. Arranged numerically by general class number, thereunder by item, and thereunder by date. There is an index to items in the volume. The name of the vessel to which this record refers is not shown.

RECORDS OF WEIGHTS IN HULLS OF SHIPS. 1890-96. 5 vols. 7 in. 149

Each of these volumes contains the record of the weights of various classes of materials or objects placed in the hull of a vessel. The reports in two of the volumes--those containing the weights for cruiser No. 11, the Marblehead, and Cruiser No. 8, the Raleigh--are in the form of letters submitted each month by the superintending constructor and are dated September 1890-March 1892 and January 1890-July 1892, respectively. The other three volumes contain tables of weights, one for the Concord, one for the Bennington, and one for a vessel whose name is not given. The dates of the records for the Concord and the Bennington are not given; the dates of the record for the unidentified vessel are 1890-96. The records for Cruisers Nos. 11 and 8 are arranged chronologically; those for the other vessels are arranged by class of material or object. There is a subject index in each volume.

MISCELLANEOUS CALCULATIONS RELATING TO VESSELS. n.d. 11 vols. 9 in. 150

Calculations of hull weights and of capacities of coal bunkers, estimates relating to the center of gravity in connection with weights, calculations of weights of ordnance and equipment compiled from correspondence with the Bureaus of Ordnance and of Equipment, and calculations of length, width, and thickness of plates and other items in connection with specifications. These records appear to be working papers. Many of them were compiled by the same person. No dates are shown, but material in a number of the volumes concerns battleships built after 1890. Arranged by name or class of vessel.

MOLD LOFT DIMENSIONS OF HARBOR DEFENSE RAM. 1892. 1 vol. 1 1/2 in. 151

This volume shows dimensions of half-breadths, heights above the base line, and the contour of the stern.

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SHIPS' WEIGHTS. 1892-1921. 295 vols. 45 ft. 152
volumes vary in form and content. Most of them fall into the
two classes: (1) Detail of Calculation of Weights, showing
part, apparatus, or equipment and thereunder a description and
of material, weight per unit, number of units, total weights,
relating to weights in connection with the center of gravity,
recapitulations of calculated weights. (2) Returned Finished
showing ship's part, apparatus or equipment, specific item
and weight. There are also a few volumes of preliminary
estimates of proposed vessels. The general arrangement within
volumes is numerical by group number assigned each part or general
of apparatus or equipment. Part of the series is arranged by name
vessel in roughly alphabetical order, and part is arranged by class
vessel (such as battleship or destroyer).

CHANGES IN WEIGHTS AND CENTERS OF GRAVITY. 1893-94. 3 vols. 153
in.
Narrative accounts of changes in weights and centers of gravity for
hull, machinery, equipment, and stores for the battleship Iowa,
Gunboat No. 7, and the armored cruiser Brooklyn, including infor-
mation concerning the nature of the change and changes in weights in-
volved, and occasionally showing file number of Bureau's letter relating
to the change. Arranged by name of vessel, with subject indexes in the
volumes. U. S. Gunboat No. 7 was built by the Newport News Shipbuilding
and Dry Dock Co., Newport News, Va., and the Iowa and the Brooklyn were
built by the William Cramp and Sons Shipbuilding Co., Philadelphia, Pa.
Entries in the three volumes were all made by the same person, probably
someone in the Bureau of Construction and Repair in Washington, D. C.

CALCULATIONS OF CHANGES IN DISPLACEMENT, METACENTRIC HEIGHT, AND TRIM OF
VESSELS. 1894-1902. 15 vols. 2 ft. 154
These volumes show name and type of vessel, reason for changes (gen-
erally because of changes in design or equipment), weight of vessel be-
fore change, weight removed, and weight added. Some of the volumes also
contain recapitulations giving details of weight removed and added, re-
marks, and file references pertinent to the Bureau's correspondence. Ar-
ranged by name of vessel.

CALCULATIONS RELATING TO THE KATAHDIN. 1895. 1 vol. 1/4 in. 155
Mathematical calculations of curves on displacement scale and cross-
curves for stability.

TRAINING EXPERIMENT DATA. 1895-1925. 67 vols. 2 ft. 156
Before being released by contractors, naval vessels were inclined to
ascertain the position of the center of gravity. The information shown
in these volumes includes the time and place of the experiment; name of
officer supervising the experiment; weather, tide, and mooring conditions;
position of the ship as to completeness and as to water in bilges; den-
sity of water where the experiment was made; and data regarding weights,
motions, readings, and results. Arranged by name of vessel.

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STABILITY CALCULATIONS FOR 70-FOOT TORPEDO BOAT. 1896. 1 vol. 1/4 in. ¹⁵⁷

Mathematical calculations relating to the stability of this vessel.

RECORD OF THE TRIAL BOARD FOR THE MARIETTA AND THE WHEELING.

May-June 1897. 1 vol. 1/4 in. ¹⁵⁸

Contains the record kept by the recorder of the board appointed to make trials at San Francisco of these two vessels constructed by the Union Iron Works, San Francisco, Calif. The record shows the daily activities of the board and lists the correspondence sent and received by the board each day (giving name of person from whom or to whom correspondence was sent, and date and subject of correspondence). The volume bears a Bureau of Construction and Repair correspondence file number showing that it was received as an enclosure to correspondence. Arranged chronologically.

INSTRUCTIONS FOR STANDARD SHIP CALCULATIONS. 1893. 1 vol. 1/2 in. ¹⁵⁹

Printed tables containing mathematical data for calculating stability, the center of buoyancy, metacentric radii, appendages and wetted surface, and appendages and midship section. Arranged by type of calculation.

STANDARD CLASSIFICATION OF CALCULATED AND RETURNED FINISHED WEIGHTS.

1893-99. 2 vols. 1 in. ¹⁶⁰

These volumes show group (there are some 50 groups each covering a general class of ships' parts, machinery, equipment, or supplies), specific part under the group, and a description and remarks concerning the part. Arranged chronologically and thereunder numerically by group number.

BOOKLETS CONTAINING REPORTS OF WEIGHTS, DESCRIPTIONS AND TESTS OF ELECTRIC AUXILIARIES, PHOTOGRAPHS, AND GENERAL INFORMATION REGARDING NAVAL VESSELS. 1900-1917. 200 vols. 15 ft. ¹⁶¹

These records consist of the following classes of booklets, mostly in the form of paperbound blueprints, relating to individual naval vessels. (1) Detailed Finished Weights, showing name of vessel, station of superintending constructor, year, and, under the general group of equipment and parts (there are some 50 groups for such classes as stempost and sternpost, transverse framing, main deck, and steering appliances) the specific items and their weights. Arranged within the volumes numerically by group number, with indexes showing item, group number, and page number, and summaries showing group number, weights of classes of items, and total weights for each group. (2) Tests of Electric Auxiliaries, showing name of vessel, station of superintending constructor, year, and performance and descriptive data concerning tests of electric auxiliaries (cranes, pumps, hoists, fans, motors, winches, etc.). Arranged within the volumes by type of electric auxiliary, with tables of contents and sometimes alphabetical indexes. (3) Descriptions of Electric Auxiliaries, containing name of vessel, station of superintending constructor, year, and narrative descriptions (including some diagrams and statistical tables) of electrically operated auxiliaries, such as systems of power wiring, ventilation fans, deck winches, electric freshwater

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endless chain ammunition hoists. Arranged within the volumes of electric auxiliary, with tables of contents and indexes. Some descriptions contain corrections and additions prepared when the were overhauled. (4) Descriptions and Tests of Electric Appliances, containing the information contained in the booklets described in 2 above, and arranged in the same manner as those booklets. (5) General Information, showing name of vessel, station of superintending constructor, year, ship's complement of officers and crew, and dimensions of . The booklets also contain descriptions of batteries, anchors and , watertight compartments, valves, fireplugs, cooling arrangements, ammunition handling arrangements, steering gear, systems for pumping, drainage, flooding, and sprinkling, and the various rooms on the ship. arranged within the volumes by subject, with tables of contents. (6) Photographs (a few booklets only), showing views of vessels as a whole and of rooms and decks on vessels.

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The series is arranged alphabetically by name of vessel. A few volumes relate to two vessels of the same class and are filed alphabetically by name of vessel. Many of the booklets bear file references to correspondence of the Bureau of Construction and Repair showing that they were originally enclosures to incoming correspondence. There are very few booklets for the years before 1902 and after 1912. Not all vessels are represented by all the types of booklets described; the number and types of booklets on file for each vessel vary considerably.

DATA CONCERNING DESTROYERS NOS. 1, 2, AND 3. 1901. 1 vol. 1 in. 162

This volume contains drawings of profiles of stem and stern, with authorized changes indicated, heights of half-breadths, decks, and sections, and working papers relating to heights inserted loosely in the volume. The figures appear to relate to mold loft dimensions.

RECORD OF SHIPS' WEIGHTS. 1902-6. 6 vols. 1 ft. 163

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s.
These volumes show the location and weights of bulkheads, doors, hatches, armor plating, airports, deck lights, hoisting machinery, and all types of structures and fittings on board the Chauncey, the Bainbridge, the St. Louis, and two other unidentified vessels. Arranged by name of vessel and thereunder by name of section of ship.

COMPUTATIONS RELATING TO THE CANONICUS AND THE PASSAIC. 1903-4. 2 vols. 2 in. 164

Mathematical computations, with drawings, relating to weights and dimensions of plating, bolts, deck planking, stempost and sternpost, rudder, and similar items. The items are numbered, and most of the computations are arranged numerically by item number. One volume, dated 1903-4, contains entries for the Canonicus; the other volume contains entries for the Canonicus and the Passaic. The latter volume, which is undated, contains a list of items arranged numerically and showing page number of volume.

REPORT ON THE PRELIMINARY TRIAL OF THE COLORADO. Nov. 1904. 1 vol. 12 in. 165

A copy of the report of the Board of Inspection and Survey, Washington, on the trial of this vessel at the New York Navy Yard.

contains information regarding the hull, fittings, equipment, machinery, and speed trials. Included are lists of uncompleted work.

The Board of Inspection and Survey was organized under an act of Congress approved August 5, 1882, which required the Secretary of the Navy to provide for the inspection of all naval vessels. The functions of the Board were later extended to include acceptance examination trials of naval vessels and the inspection of newly commissioned vessels and of vessels returning from foreign stations. A Pacific Coast Section of the Board was maintained at San Francisco, Calif. The Board generally conducted inspections and trials through subboards of inspection and survey. From 1889 to 1909 the Board was under the Bureau of Navigation; in 1909 it was transferred to the Office of the Secretary of the Navy; and in 1915 it was transferred to the Office of the Chief of Naval Operations where it became the Inspection Division.

DETAILED FINISHED WEIGHTS OF THE ST. LOUIS. 1906. 1 vol. 1 in. 166

This volume shows general class of ship's parts, equipment, and apparatus; specific items thereunder and their weights; and total weights for each class. Arranged numerically by general class (or group) number. A summary, by group number, shows classes and weights; and an index, arranged alphabetically by item, shows group number and page number.

RECORD OF SHIPS' WEIGHTS OF THE PADUCAH. 1906. 1 vol. 2 in. 167

This volume shows general class of equipment and machinery (some 50 groups), specific items thereunder, and their weights. Arranged numerically by group number.

REPORTS OF TRIALS OF THE NEREUS, THE PROTEUS, THE ORION, THE JASON, THE CYCLOPS, THE NEPTUNE, THE NORTH CAROLINA, AND THE WASHINGTON. 1906-13. 4 in. 168

Reports of trial boards on preliminary and final trials of vessels, containing information on the performance of the vessels. Some of the reports are accompanied by data sheets containing technical compilations on the performance of engines and hulls. Arranged by name of vessel.

REPORTS OF TESTS OF ELECTRIC AUXILIARIES OF THE VERMONT. 1907. 1 vol. 1 in. 169

Reports of shop tests and ship tests of electric auxiliaries installed on this vessel under the jurisdiction of the Bureau of Construction and Repair, with tabulations of data. Arranged by subject, with a table of contents and an index.

TRACINGS OF TRIALS OF VESSELS. 1907-11. 1 ft. 170

Tracings of the Board of Inspection and Survey (see entry 161) to accompany reports of trial boards, containing technical data on the performance of ships under trial. They show name of ship, course over which trial took place, time of run, speed of ship, and data regarding temperatures and behavior of boilers. Arranged numerically under dash plan number 196-1 (196-1-1 to 196-1-44), but filed separately from the "Dash Plan Series" (see entry 126) and not included in the index to that series. There is a card list showing name of ship and file number, arranged

by file number. These cards evidently refer to additional
since they show numbers as high as 196-1-100.

CALCULATION OF WEIGHTS OF THE PENNSYLVANIA. 1912. 1 vol. 2 in. 171

This volume shows general class of equipment and machinery and there-
fore specific items, number of units, weights per unit, total weights,
and data regarding weights in connection with the center of gravity. Ar-
ranged by group number of class of equipment and machinery, with an in-
dex in the front of the volume.

DESCRIPTIONS AND TEST REPORTS OF ELECTRIC AUXILIARIES OF THE UTAH.

1912. 1 vol. 1 in. 172

Descriptions and tests of the electrically operated auxiliaries in-
stalled on the Utah by or under the supervision of the Bureau of Con-
struction and Repair. They contain a brief description of the mechani-
cal features of each auxiliary, with data on its electrical and mechani-
cal appliances; diagrams of electrical connections; descriptions of the
types of motors, rheostats, controlling appliances, and safety
devices; directions for the operation and care of the apparatus; and
descriptions and results of the shop tests and ship tests of the elec-
trical apparatus. These printed volumes are undated, but they contain
a photograph of the completed Utah, dated in 1912. Arranged by subject.
There are indexes, arranged alphabetically by subject, in the front of
the volumes.

SHOP TEST REPORTS FROM THE DIEHL MANUFACTURING CO., ELIZABETHPORT, N. J.
1912. 7 in. 173

Reports to the Bureau of Construction and Repair from the electrical
and other technicians employed by this company on tests of motors,
ventilating sets, laundry equipment, winches, and spare parts under manu-
facture at this company for a number of vessels, including a few sub-
marines. Related correspondence and some blueprints and diagrams are
included. There are also some reports of inspections and shipments of
these parts. Arranged in general by name of vessel but occasionally by
name of article tested.

WEIGHT CALCULATIONS OF WEIGHTS OF DESTROYERS 57-62 AND 69-74. 1913-15.
3 vols. 3 in. 174

These volumes show general class of equipment and machinery and there-
fore specific items, number of units, weight per unit, total weights,
and data regarding weights in connection with the center of gravity. Ar-
ranged by vessel number (one volume relates to destroyers Nos. 57-62 and
another volume to destroyers Nos. 69-74) and thereunder numerically by
number of class of equipment and machinery. There are indexes in
the front of the volumes.

NOTES AND ADDITIONS TO DESCRIPTION OF ELECTRICAL AUXILIARIES OF
THE DELAWARE. 1915. 1 booklet. Less than 1/2 in. 175

This booklet contains explanations of corrections and additions made
to the "Description of Electrical Auxiliaries" in connection with the
work of the ship at the Norfolk Navy Yard. Arranged by subject.

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CORRECTIONS AND ADDITIONS TO DESCRIPTION OF ELECTRICAL AUXILIARIES OF
THE VERMONT. 1915. 1 booklet. Less than 1/4 in. 170

This booklet contains explanations of corrections and additions made to the "Description of Electrical Auxiliaries" in connection with the overhaul of the ship at the Norfolk Navy Yard. Arranged by subject.

CORRECTIONS AND ADDITIONS TO DESCRIPTION OF ELECTRICAL AUXILIARIES OF
THE NEW HAMPSHIRE. 1915-16. 1 booklet. Less than 1/4 in. 177

This booklet contains explanations of corrections and additions made to the "Description of Electrical Auxiliaries" in connection with the overhaul of the ship at the Norfolk Navy Yard. Arranged by subject.

DETAIL CALCULATIONS OF WEIGHTS OF BATTLE CRUISERS NOS. 1-5. 1916. 1 vol.
6 in. 178

This volume shows general class of equipment and machinery and thereunder specific items, number of units, weight per unit, total weights, and data regarding weights in connection with the center of gravity. Arranged numerically by group number of class of equipment and machinery. There is an index in the front of the volume.

DENVER MOLD LOFT BOOK. n.d. 1 vol. 1 in. 179

Contains penciled notations apparently relating to measurements of the Denver. It is not further identified. Arranged in general by part of vessel.

WEIGHT BOOK OF THE STRINGHAM. n.d. 1 vol. 1 in. 180

Shows general class of ship's parts, apparatus, and equipment (such as keel, transverse framing, lower deck, and bulkheads), specific items thereunder, and their weights. Arranged by name of general class of item.

DATA RELATING TO A 750-TON TORPEDO CRUISER. n.d. 1 vol. 1 in. 181

This volume contains a few pages of notations describing the battery and machinery of this vessel and showing weights and dimensions. There is no particular arrangement.

WEIGHT BOOK OF THE WHIPPLE. n.d. 1 vol. 1 in. 182

Shows general class of ship's parts, apparatus, and equipment, specific items thereunder, and their weights. Arranged numerically by group number of general class of item.

MOLD LOFT DIMENSIONS. n.d. 1 vol. 1/2 in. 183

This volume shows dimensions of half-breadths; radius and center of stern tube boss; dimensions of engine room, coal bunker, and ordinary floors; and offsets for turtle deck. Included are several diagrams. The name of the vessel concerned is not shown.

NOTES ON TESTS. n.d. 1 vol. 1/2 in. 184

This volume contains rough notes, drawings, and calculations on various tests conducted on materials and machinery for unidentified vessels. Unarranged.

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RECORD OF WEIGHTS OF CONSTRUCTION MATERIALS. n.d. 1 vol. 1/4 in.

195

This volume records weights of plates, frames, angles, and beams used in the construction of an unidentified vessel, showing their dimensions and identifying marks. Arranged by type of material, with a list of materials arranged numerically by page number.

Records Relating to Claims Involving Vessels

These records concern claims of contractors against the Navy Department in connection with the building of Civil War vessels and the building of vessels from about 1894 to 1908 when the Navy was being rapidly increased; claims of German nationals for merchant vessels taken by the United States during World War I; and claims of the Electric Boat Co. of Groton, Conn., in connection with the building of World War I submarines.

The claims arising out of Civil War contracts for war vessels were for additional compensation for alterations and extra work, alleged delays, and increased costs of labor and materials when the time for completing the contract had been extended. These claims of contractors for damages of various sorts growing out of the construction of vessels of war and steam machinery led to the organization, between 1863 and 1870, of six boards of naval officers having widely divergent instructions but all passing in one way or another on all or part of these claims. The first board, known as the Board of August 1863, was appointed on June 25, 1863, to examine and report on the claims of two companies for extra work and extra expense on several vessels. It made its report on August 29, 1863, and transacted no further business. On October 7, 1863, the Chief of the Bureau of Construction and Repair reported to the Secretary of the Navy on the confused condition of accounts of vessels under construction and requested that a board be appointed to examine the extent of the liability of the Government in each case. Accordingly, on October 16, 1863, the Secretary appointed Adm. F. H. Gregory president of a board, known as the Gregory Board, to examine and report on the cost of the changes made since the contracts were awarded in the vessels of the monitor class then under construction for the Navy Department. This board met irregularly from October 26, 1863, until January 1865, when it took up the accounts of the various contractors and prepared them for settlement. The claims of the contractors were submitted directly to the board without the intervention of the Navy Department. The board recommended the amounts to be paid, and the Bureau of Construction and Repair paid the recommended amounts to the contractors. After the death of Admiral Gregory on October 4, 1866, his senior assistant, Commodore Cadwalader Ringgold, assumed Gregory's duties as General Superintendent of Ironclads and as president of the board. The board continued to pass upon the bills of contractors and to submit recommendations to the Navy Department until November 1, 1866, when the office of the General Superintendent of Ironclads was ordered closed by the Navy Department. Coincident with the closing of the office of the General Superintendent of Ironclads, Commodore Ringgold was appointed president of a board to pass on a number of accounts of contractors. The two continuous boards over which Commodore Ringgold presided were considered as one board, known as the Ringgold

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Board. Some of the claims considered by it were received directly from the contractors and others were referred to the board by the Navy Department. Its procedure was similar to that of the Gregory Board. The Ringgold Board submitted a complete report of its work on May 4, 1867, and transacted no further business.

On March 9, 1865, the Senate passed a resolution to inquire into and to determine how much the vessels of war and steam machinery contracted for by the Navy Department in the years 1862 and 1863 cost the contractors over and above the contract price and allowance for extra work. Only the vessels that had given satisfaction to the Department were to be considered. On May 25, 1865, as a result of this action, the Secretary of the Navy appointed Commodore Thomas O. Selfridge president of a board, known as the Selfridge Board, which met at the New York Navy Yard on July 5, 1866, and adjourned on December 23, 1865. This board was furnished with a list of vessels that had given satisfaction to the Navy Department, and the contractors submitted their claims directly to the board. The board's report stated the excess of cost to contractors as determined by the board, but it did not determine to what extent the Government was responsible for any increased cost due the contractor over and above the contract price and allowance for extra work.

By an act of Congress approved March 2, 1867, the Secretary of the Navy was directed to investigate the claims of all contractors for building vessels of war and for the steam machinery therefor under contracts made after May 1, 1861, and before January 1, 1864, on the following basis: to ascertain the additional cost which was necessarily incurred by each contractor in the completion of his work by reason of any change or alteration in the plans and specifications required and of delays in the prosecution of the work that were caused by the Government and were not provided for in the original contract. The Secretary was directed to submit to Congress a tabular statement of each case containing the name of the contractor, description of the work, the contract price, the increased cost of the work over the contract price, and the amount of such increased cost caused by the delay and action of the Government. On July 6, 1867, Commodore J. B. Marchand was appointed president of a board, known as the Marchand Board, to gather the required information. This board met in Washington, D. C., from July 3 to October 16, 1867, when it was dissolved. It was reconvened on November 26, 1867, to consider two additional claims, and it was finally dissolved on that date. The board submitted a tabular statement of the results of its investigations, which was transmitted to Congress by the Secretary of the Navy on December 4, 1867.

The last board, known as the Boggs Board, was established by order of the Secretary of the Navy, dated August 6, 1869, to examine the claims of two companies for charges extra to the contract in the construction of several harbor and river monitors. Commodore Charles S. Boggs was president of this board, which met on August 17, 1869, and adjourned on August 20. The board was reconvened in November 1869 to consider an additional claim, and it was finally dissolved on November 19, 1869. It recommended payment to the two companies, and the payment was made by the Bureau of Construction and Repair.

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As a result of the reports and recommendations of these boards, the Government paid a number of claims, some in amounts corresponding to the findings of the boards and others in part. Congress, by special appropriation acts, provided for direct payment of a number of claims and, by statute, sent others to the Court of Claims for judgment and payment of the amounts due. Some of these claims were not settled until many years after the close of the Civil War.

Naval vessels contracted for after the Civil War, particularly after the 1880's when the Navy was being rapidly rebuilt and increased, were involved in litigation before the Court of Claims for several reasons, such as inability of the contractor to complete the contract at the specified time because of the nondelivery of structural material, inability to obtain a sufficient supply of skilled labor, and strikes. In cases involving the construction of torpedo boats and destroyers, contractors claimed, as an additional reason for delay, that contracts for the construction of these vessels were so exacting that full compliance with them was often impossible. To provide against delays, contracts for new ships generally contained clauses assigning penalties for delays, with a provision authorizing the Secretary of the Navy, for good cause shown, to extend the time provided in the contract for completion. If the Secretary refused to do this and the contractor thought the penalty unjust, he could take his case to the Court of Claims, which was authorized to hear and determine, among other types of claims, those arising out of contracts with the Government. In addition to the records relating to these claims described below, the field records of the Bureau also contain some records relating to these claims (see entries 623, 673, 674, 773, 804, 842, 850, and 852).

On May 12, 1917, shortly after the United States entered World War I, a joint resolution was passed by Congress authorizing the President to take possession of merchant vessels owned by citizens, corporations, and subjects of nations with which the United States was at war and directing the Secretary of the Navy to appoint a Board of Survey to ascertain the actual value of the vessels at the time they were taken. The Settlement of War Claims Act, approved March 10, 1928, provided for the appointment of a War Claims Arbiter whose duties included the determination of fair compensation to German nationals for merchant vessels taken by the United States during World War I. Both the Arbiter and the Department of Justice, representing the United States in claims before the Arbiter, requested the Navy Department to furnish information and assistance regarding vessels seized under the joint resolution of May 12, 1917. In 1928 and 1929 information regarding these vessels was compiled from the records of the Bureau of Construction and Repair and was forwarded as requested.

The claims of the Electric Boat Co., Groton, Conn., in connection with submarine contracts, were investigated by a board of naval officers appointed by the Secretary of the Navy in May 1920. The claims were for damages caused to the contractor by delays resulting from changes ordered by the Navy Department, delays causing the contractor to lose premiums on early deliveries, increased and retroactive wages, and extra police

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protection. The board, meeting at Groton, Conn., and other places, continued its investigations until about 1925.

RECORDS RELATING TO CLAIMS IN CONNECTION WITH THE CONSTRUCTION OF CIVIL WAR NAVAL VESSELS. 1861-1909. 60 ft. 186

1. Papers relating to accounts and supplies, consisting of data regarding wages and prices compiled from Senate and Labor Department reports, navy yard payrolls, and the books of contractors; correspondence, dated in 1907, regarding prices in the 1860's; diagrams and graphs concerning wages and prices; memoranda of prices, consisting of documents of the Civil War period and compilations of later dates; compilations of data regarding payments in connection with changes in specifications and extra work; letters forwarding approved bills; and proposals and advertisements for the construction of vessels and for materials and supplies. Arranged numerically by envelope number (Nos. 1-10, 42, 43, 117-118A, 601-602, 604-611, and 620).

2. Papers relating to war vessels, consisting of correspondence between superintending constructors, inspectors, or contractors and the Navy Department at the time of construction of the vessels; compilations of data regarding costs; analyses of the claimants' evidence before boards of naval officers; and, in Court of Claims cases, bound volumes containing "correct copies" of letters, progress reports, bills, contracts, specifications, blueprints, and financial statements forwarded in response to the call of the Department of Justice. Arranged in numbered envelopes by name of vessel, except that a few papers are filed under the heading "Miscellaneous Vessels," the class of vessel (such as light-draft monitors), or the name of the contractor (envelope numbers 21, 23, 31, 33, 35-36, 72-103, 123-541, and 703-812). Filed separately are 14 volumes of "correct copies" of documents submitted in Court of Claims cases, most of which bear envelope numbers but which are not arranged numerically.

3. Papers relating to boards of naval officers, consisting of calculations regarding expenditures and costs submitted to or compiled by the Ringgold Board; papers relating to the establishment and organization of the Gregory and Selfridge Boards, with some related correspondence; proceedings of the Marchand Board; and a report of the Boggs Board containing information regarding its establishment, its membership, and the awards it made. Arranged by name of board in numbered envelopes (Nos. 52-60).

4. Papers relating to Admiral Gregory's tenure as General Superintendent of Ironclads, consisting of orders to principal inspectors, correspondence with local inspectors, reports of expenditures and other accounting records, correspondence and estimates concerning the pay of employees, and correspondence concerning the administration of the office. Arranged numerically in numbered envelopes (Nos. 105-116).

5. Miscellaneous records, consisting of correspondence regarding devices for removing harbor obstructions, ideas for new devices, and patents; orders and correspondence regarding the assignment of inspecting engineers; records of the Port Royal, S. C., Working Party (evidently a

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force engaged in the repair and refitting of naval vessels), consisting of letters and reports regarding costs, employees, and repairs and other work of naval vessels; tables relating to ironclads; charters; "un-identified" and "unidentified" papers; and papers relating to a few Court of Claims cases. Arranged numerically in numbered envelopes (Nos. 615-701), except for the Court of Claims papers that are filed by case number and do not bear envelope numbers.

According to a report found with these records, they were arranged in the manner described above by the Navy Department, at an unspecified date, in order to facilitate the locating of individual papers. Papers relating to a particular vessel were placed in a separate envelope, and other papers were classified according to their content and placed in envelopes. In the case of papers relating to one or both sister vessels built by one firm, the papers relating to one vessel and the papers relating to both vessels were placed in one envelope and an additional envelope was provided for papers relating to the second vessel only. This same system was followed in filing papers relating to vessels not of the same class but which were built in the same yard and for those relating to vessels built under one inspector but not at the same yard. Original documents were placed in odd-numbered envelopes; copies of original documents were placed in even-numbered envelopes having the next number above the envelope containing the originals; and notes, calculations, drafts of reports, and other papers compiled in connection with claims were placed in envelopes bearing the same numbers as those containing copies, with the letter "A" added. Thus original papers relating to the Yazoo are in envelope 305, copies are in envelope 306, and notes and calculations are in envelope 306A. If more than one envelope was necessary for a class of papers, the envelopes were numbered in the style 237-1, 237-2, etc. The report further states that in order to find a paper with ease a certain familiarity was necessary with the names of vessels built, their class, the names of contractors, and the principal officers engaged in supervising their building. It pointed out that a looseleaf index had been compiled, in five volumes, which contained a great deal of information on these points and other miscellaneous matters and also that a "List of Envelope Numbers" had been compiled in a looseleaf memoranda book. These looseleaf books have not been found. At present there are some gaps in numbers and many of the envelopes have disappeared, although the papers are marked with and filed by the envelope number.

REPORT OF A BOARD OF NAVAL OFFICERS IN THE CASE OF THE IRON DOUBLE-ENDER ASHUELOT. Dec. 1893. 1 vol. 1/2 in. 187

A report of a board of two naval officers appointed to assist the Department of Justice in the preparation of the defense in Court of Claims Case No. 16228 relating to the Ashuelot, a Civil War vessel. The report consists of copies of correspondence regarding the establishment of the board, instructions to the board, and the results of the board's inquiry. The volume contains a subject index.

REPORT OF A BOARD OF NAVAL OFFICERS IN THE CASE OF THE MONITOR MANAYUNK. Dec. 1892. 1 vol. 1 in. 185

A report of a board of two naval officers appointed to assist the Department of Justice in the preparation of the defense in Court of Claims

Case No. 16834 relating to the Manayunk, a Civil War vessel. The report consists of copies of correspondence regarding the establishment of the board, instructions to the board, and the results of the board's inquiries. The volume contains a subject index.

REPORT OF A BOARD OF NAVAL OFFICERS IN THE CASE OF THE MONITOR NAUBUC.

July 1893. 1 vol. 1/2 in. 189

A report of a board of two naval officers appointed to assist the Department of Justice in the preparation of the defense in Court of Claims Case No. 16920 relating to the Naubuc, a Civil War vessel. The report consists of copies of correspondence regarding the establishment of the board, instructions to the board, and the results of the board's inquiries. The volume contains a subject index.

REPORT OF A BOARD OF NAVAL OFFICERS IN THE CASE OF THE MONITOR NAUSET.

Feb. 1893. 1 vol. 1/2 in. 190

A report of a board of two naval officers appointed to assist the Department of Justice in the preparation of the defense in Court of Claims Case No. 16821 relating to the Nauset, a Civil War vessel. The report consists of copies of correspondence regarding the establishment of the board, instructions to the board, and the results of the board's inquiries. The volume contains a subject index.

REPORT OF A BOARD OF NAVAL OFFICERS IN THE CASE OF THE MONITOR SQUANDO.

1891. 1 vol. 1 in. 191

A report of a board of two naval officers appointed to assist the Department of Justice in the preparation of the defense in Court of Claims Case No. 16316 relating to the Squando, a Civil War vessel. The report consists of copies of correspondence regarding the establishment of the board, instructions to the board, and the results of the board's inquiries. The volume contains a subject index. Inserted in the volume also is the cross-examination in 1892 of Naval Constructor Philip Hichborn, a member of the board.

REPORT OF A BOARD OF NAVAL OFFICERS IN THE CASE OF THE MONITOR WASSUC.

Oct. 1893. 1 vol. 1/2 in. 192

A report of a board of two naval officers appointed to assist the Department of Justice in the preparation of the defense in Court of Claims Case No. 16835 relating to the Wassuc, a Civil War vessel. The report consists of copies of correspondence regarding the establishment of the board, instructions to the board, and the results of the board's inquiries.

"COURT OF CLAIMS WORK-LIST OF PAPERS AND DATES SAME WERE SENT TO THE

BUREAU C & R." 1904-9. 1 vol. 1/4 in. 193

This volume shows title of paper, generally under the name of vessel concerned, number of copies made, and date sent. The name of the office or person keeping the record is not shown. The vessels mentioned are of the Civil War period. Arranged chronologically.

MISCELLANEOUS RECORDS. 1867-98. 5 in. 194

This material relates to claims involving both Civil War vessels and vessels constructed at a later date. It includes the proceedings of the

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Board and of Secor and Co., New York, N. Y.; claims in the
of Claims; compilations of data regarding claims of the Newport
Shipbuilding and Dry Dock Co., Newport News, Va.; and blueprints
torpedo boat destroyers. Unarranged.

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INDEXED COURT OF CLAIMS RECORDS IN CASES INVOLVING NAVAL VESSELS.
1873-1910. 88 vols. or pamphlets. 5 ft. 195

Printed volumes, some of which are only pamphlets, containing some or
all of the following documents: petition of the claimant, evidence and
depositions for the claimant, correspondence relating to construction of
vessel, contract for vessel, evidence and depositions for defendant,
history of case, and findings of facts. Most of this material relates
to cases growing out of Civil War contracts, but a small quantity re-
lates to later contracts for the construction of naval vessels. There
are a few scattered items dated later than 1910. Arranged by designa-
tion of case.

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REPORTS RELATING TO THE BAILEY. 1899-1900. 1 vol. 2 in. 196

This vessel was built by the Gas Engine and Power Co. and Charles L.
Seabury and Co., Consolidated, Morris Heights, N. Y. This volume shows
amounts of payments made for plates, castings, paints and oils, miscel-
laneous material, and personnel; changes involving change in cost, giving
changes and cost estimates of the board on changes; contract extensions
and cost; and dates on which strikes occurred. Arranged under subject
headings and thereunder chronologically. There is an index, arranged
alphabetically by initial letter of subject, in the front of the volume.

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RECORDS RELATING TO THE BLAKELY AND THE DeLONG. 1900-1904. 1 ft. 197

These torpedo boats were constructed at the George Lawley and Son
Corp., South Boston, Mass. The records consist of reports of trial
boards and reports of defects, reports relating to payments and insur-
ance, reports on the inspection of machinery, and reports of employees,
with related correspondence; blueprints and plans; and reports on weights
of machinery. Arranged in part by name of vessel and in part by type of
correspondence or other record.

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RECORDS RELATING TO THE STEWART. 1901-3. 1 in. 198

This torpedo boat was constructed by the Gas Engine and Power Co. and
by Charles L. Seabury and Co., Consolidated, Morris Heights, N. Y. The
records, consisting of correspondence and contracts, are arranged under
the following headings: "Correspondence in Connection with Changes under
Contract"; "Payments" (bills and vouchers); "Correspondence Regarding
Extensions in Contract Time"; "Proposal, Contract, and Agreement" (the
agreement relating to changes in contract); and "Trials and Acceptances"
reports of final and preliminary trials, and notification to Navy De-
partment bureaus of acceptance of the vessel).

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RECORDS RELATING TO THE WILKES. 1909-1902. 1 in. 199

This vessel was constructed by the Gas Engine and Power Co. and by
Charles L. Seabury and Co., Consolidated. The records consist of corre-
spondence, contracts and agreements, progress reports, and records re-
lating to trials and acceptances. They are arranged under the following

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headings: "Correspondence in Connection with Changes under Contract"; "Payments" (bills and vouchers); "Progress Reports"; "Proposal, Contract, and Agreement" (the agreement relating to changes in contract); "Correspondence Regarding Extensions in Contract Time"; and "Trials and Acceptances" (reports of final and preliminary trials and notification to Navy Department bureaus of acceptance of the vessel).

RECORD OF CORRESPONDENCE RELATING TO THE STEWART, THE BLAKELY, THE WILKES, AND THE DeLONG. 1898-1908. 5 in. 200

Consists of cards showing name of vessel, main subject and Bureau's file number, and thereunder abstracts of communications relating to the main subjects and to their subnumbers. Some of the correspondence to which these cards refer is included in the series described in entry 92, and some is scattered in the series described in entries 197-199 and 225. This correspondence relates chiefly to contracts and to the construction of vessels. Arranged by name of vessel and thereunder by subject.

RECORDS RELATING TO THE DALE, THE DECATUR, THE SHUBRICK, THE STOCKTON, AND THE THORNTON (TORPEDO BOATS NOS. 1-5, RESPECTIVELY). 1898-1902. 5 ft. 201

These boats were constructed at the William R. Trigg Co., Richmond, Va. The records consist of correspondence of the superintending constructor at this company with the Bureau of Construction and Repair, the William R. Trigg Co., other shipbuilding firms, and Navy Department officials concerning construction problems, progress of the work, plans and specifications, payments, design changes, and personnel; orders and requisitions for the purchase of materials and equipment; regulations for governing employees; and a record of correspondence received from the Bureau of Construction and Repair. Arranged by type of record. The correspondence is further arranged in groups according to subject, such as "Correspondence Concerning Galvanizing" and "Correspondence Concerning the Approval of Plans," but most of it is unarranged under the heading "Miscellaneous Correspondence."

TRIAL RECORDS OF THE DALE. 1902. 1 in. 202

Requests for trials and statements from the William R. Trigg Co., Richmond, Va., of the readiness of the vessel for trial, correspondence regarding changes and defects, and reports of trial. Unarranged.

TRIAL RECORDS OF THE DECATUR. 1901-2. 1 in. 203

Letters appointing boards of trial, reports of unfinished work, inspection and survey reports of hull and machinery, reports of inspectors of equipment, and final report of the trial board. Unarranged.

RECORD OF THE COST OF LABOR AND MATERIAL FOR THE FARRAGUT. 1896-97. 204

1 vol. 1 1/4 in.

This vessel was built by the Union Iron Works, San Francisco, Calif. This volume shows classes of labor employed, number employed in each class, and cost for each class; and items of material, number of each, and total cost of items. Arranged by class of labor and item of material, and thereunder chronologically by month.

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RECORDS RELATING TO THE FARRAGUT. 1897-98. 4 in. 205
A report of the preliminary trial of the vessel, a report of the con-
struction of work on the hull, and vouchers, bills, and other papers relating
to payments to the Union Iron Works, San Francisco, Calif., for the con-
struction of this vessel. Unarranged.

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RECORDS RELATING TO THE HOPKINS, THE HULL, AND THE STRINGHAM (TORPEDO
BOATS NOS. 6, 7, and 19, RESPECTIVELY). 1898-1900. 1 ft. 206
These vessels were constructed at the Harlan and Hollingsworth Co.,
Baltimore, Del. The records consist of bills for equipment, material,
and services; lists of material ordered and received, with related cor-
respondence; and lists of correspondence received and sent. Unarranged.

RECORDS RELATING TO THE HOPKINS AND THE HULL. 1898-1900. 1 ft. 207
Receipted bills for articles and material furnished the Harlan and
Hollingsworth Co. for these vessels, arranged in roughly alphabetical
order by name of firm; and reports of weights of machinery on the ves-
sels and reports of absences of employees, arranged by type of report.

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INVOICES OF MATERIAL RECEIVED FOR USE IN THE CONSTRUCTION OF THE HOPKINS.
Jan. 1899-Apr. 1902. 2 in. 208
Show kind of material, number of pieces, size, from whom received,
weight, price per unit, and total cost. Arranged chronologically.

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REPORTS OF WEIGHTS PLACED ON BOARD AND OF SCRAP REMOVED FROM THE HOPKINS.
June 1899-Sept. 1902. 2 in. 209
Daily reports showing date, description of object, location, net
weight, and page number in a weight book of this vessel. Arranged chron-
ologically.

REPORT OF RETURNED WEIGHTS FOR THE HOPKINS. n.d. 1 in. 210
Shows class of equipment (by group number), specific items thereunder,
and their weights. Arranged by group number, with a summary in front
showing group number and total weights of each class.

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INVOICES OF MATERIAL RECEIVED FOR USE IN THE CONSTRUCTION OF THE HULL.
Jan. 1899-May 1902. 1 in. 211
Show kind of material, number of pieces, size, from whom received,
weight, price per unit, and total cost. Filed with these invoices are
some miscellaneous reports of supplies and stores for the Hull. Arranged
chronologically.

RECORD OF WAGES EXPENDED ON THE HULL. Jan. 1899-May 1902. 1 in. 212
Reports showing class of labor (such as draftsmen, ship carpenters,
and riggers), number of hours worked by each class and their rate of pay,
and total amount paid. Arranged chronologically.

REPORTS OF WEIGHTS PLACED ON BOARD AND OF SCRAP REMOVED FROM THE HULL.
Apr. 1900-July 1902. 4 in. 213
Daily reports showing date, description of object, location, net
weight, and page number in a weight book relating to this vessel. Ar-
ranged chronologically.

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"NOTES AND REFERENCES RELATING TO THE NEBRASKA." 1908. 1 pamphlet.
1/2 in. 214

Data on awards of boards on changes, claims made by the contractor and disallowed, and uncompleted work at time of delivery of vessel; and a record of events during construction of vessel containing information on progress of work, receipt of armor and armament, and payments. Arranged by subject. This pamphlet was prepared by the contractor, the Moran Brothers Co., Seattle, Wash., at the request of the Bureau in connection with claims in the Court of Claims and was forwarded to the Bureau.

FINAL WEIGHT REPORTS FOR THE PAUL JONES, THE PERRY, AND THE PREBLE. 1902.
1 ft. 215

These vessels were all built at the Union Iron Works, San Francisco, Calif. These reports show class of machinery or equipment (numbered in some 50 groups), item thereunder, and weight. Arranged by name of vessel and thereunder by group number, with an index in each report showing items in alphabetical order, group number, and page number. There are several copies of each report.

REPORTS OF WEIGHTS OF EQUIPMENT ON THE PAUL JONES, THE PERRY, AND THE PREBLE. 1900-1902. 8 in. 216

Show name of vessel, item (such as machinery supports and various types of plates and beams), date, and weight. Arranged by type of item.

TRIAL RECORDS OF THE PAUL JONES. 1902. 3 in. 217

Correspondence regarding preliminary acceptance of the vessel at the Mare Island, Calif., Navy Yard; majority and minority reports of the trial board; correspondence regarding extensions of time on contract; and bills and vouchers relating to payments. Unarranged.

TRIAL RECORDS OF THE PERRY. 1902. 4 in. 218

A report of unfinished work; data regarding official trial runs; reports on preliminary and final trials, including some joint reports on the Perry and the Preble; a copy of the contract for construction of the Perry at the Union Iron Works, San Francisco, Calif.; and correspondence regarding deficiencies. Unarranged. For other trial records of the Preble, see entry 219.

TRIAL RECORDS OF THE PREBLE. 1902. 4 in. 219

Letters appointing boards of trial, reports of unfinished work and technical matters relating to trials, reports of inspectors of ordnance and inspectors of equipment, reports of results of trials by the trial board at the Mare Island, Calif., Navy Yard, and notifications that the board's recommendations were carried out. Unarranged. For other records of trials of the Preble, see entry 218.

RECORD OF THE COST OF LABOR AND MATERIAL FOR THE WYOMING. 1899-1902.
1 vol. 1/4 in. 220

Shows classes of labor employed, number employed in each class, and cost of each class; and items of material, number of each, and total cost of items. Arranged by class of labor and item of material and thereunder chronologically, with an index to classes of labor and names of materials in the front of the volume.

RELATING TO DESTROYERS NOS. 14 AND 15. 1897-1901. 1 ft. 221

The vessels were constructed by the Maryland Steel Co., Sparrows Point, Md. The records consist of requisitions and orders for material, materials and equipment sold and delivered to the company for destroyers, and blueprints and data regarding specifications. Unarranged.

LIST OF MATERIAL PURCHASED BY THE MARYLAND STEEL CO., SPARROWS

POINT, MD. 1898-99. 1 in. 222

Show date, articles and quantity purchased, from whom purchased, and sometimes method of shipping and terms of payment. No names of vessels are shown. Arranged chronologically.

LIST OF WEIGHTS OF DESTROYERS NOS. 24-35. 1899-1900. 1 in. 223

Form reports entitled "Recapitulation of Calculated Weights," showing items of machinery and equipment and their weights; and other records of weights describing parts and giving their weights. Unarranged.

CORRESPONDENCE WITH THE GAS ENGINE AND POWER CO. AND CHARLES L. SEABURY AND CO., CONSOLIDATED, MORRIS HEIGHTS, N. Y. 1897-1904. 2 ft. 224

Correspondence between the Navy Department, the superintending constructor at this company, and company officials regarding vessels under construction or being repaired for the Navy Department, general administrative matters such as the employment of special mechanics and the transmission of catalogs and other publications, and policies and precedents regarding the construction of naval vessels. Arranged in part by subject and in part unarranged.

MISCELLANEOUS RECORDS CONCERNING VESSELS OF THE POST CIVIL WAR PERIOD.

1894-1911. 18 ft. 225

Correspondence and reports of the Secretary of the Navy's office, the Bureau of Construction and Repair, other Navy Department bureaus, naval constructors, the Board on Construction, constructing firms, and private individuals regarding contracts, specifications, proposals, payments, status of work, trials of vessels, changes in contracts, delays because of strikes, payments and final settlements, and inventions relating to any of the vessels mentioned above and to other vessels involved in litigation. Many of these records are original letters and reports apparently drawn from the files of Navy Department bureaus. Unarranged, except that occasionally papers relating to a given vessel are together. The correspondence dates to about 1903; but there is a collection of cards, dating from 1900 to 1911, containing abstracts of correspondence, with pertinent file numbers, relating chiefly to matters concerning payments to contractors.

REPORTS AND DATA REGARDING INSPECTIONS AND REPAIRS OF GERMAN MERCHANT VESSELS. 1917-20. 1 ft. 226

Consist of copies of the following types of documents from the records of the Bureau of Construction and Repair relating to individual vessels:

Memoranda concerning costs of repairs; inspection and docking reports; reports of surveys showing work to be done and the cost; work progress reports; memoranda regarding availability as naval auxiliaries or naval

transports; specifications for repairs and renewals; and reports of repairs and alterations. Arranged in envelopes alphabetically by German name of vessel. Each envelope shows the German and American name of the vessel. Some of the envelopes contain most of the types of papers listed above; some contain inspection reports only and bear the notation "No Report"; and a few are empty and bear the notation "No information in the files."

RECORDS RELATING TO THE FURNISHING OF INFORMATION REGARDING GERMAN MERCHANT VESSELS. 1928-29. 1 in.

227

Letters and memoranda exchanged between the War Claims Arbitrator and the Navy Department concerning the type of information desired and the availability of records; a report of the Navy Department, dated June 7, 1929, regarding 11 vessels, containing information on willful damage done by the German crew and the cost of repairs, and including some data regarding subsequent repairs and disposition of the vessels; and lists of vessels showing German name, new name, length, breadth, tonnage, yard in which repaired, and dates of commissioning and sailing. Unarranged.

REPORT AND RECORD OF PROCEEDINGS OF THE BOARD ON CLAIMS OF THE ELECTRIC BOAT CO., GROTON, CONN. 1921-25. 1 ft.

228

A report of the board on its findings and a record of its proceedings giving the details of the cases concerned. The general report is followed by a voluminous record of each case, arranged by claim number.

Miscellaneous Records Relating to United States Vessels

REPORTS OF SHIPS UNDER CONSTRUCTION OR REPAIR. 1837-96. 8 ft.

229

Monthly and quarterly reports on the status and condition of vessels being built or repaired at various navy yards. The reports show name of navy yard and vessel, cost of materials and supplies, labor expended, time required to complete construction, and amount of work done since the previous report. Included also are a few miscellaneous reports on construction and materials and an alphabetical list of surveys and reports on construction and repair for the Civil War period. Arranged by name of navy yard, thereunder chronologically, and thereunder by name of vessel.

RECORDS RELATING TO THE ACQUISITION OF VESSELS. 1844-76. 2 ft.

230

Correspondence regarding vessels rejected in connection with the Bureau's advertisement for a store ship, a list of small steamers and schooners purchased before or during the Mexican War or captured during that war and afterward sold, a memorandum giving the original cost of two vessels built in Bombay in 1856-57 and afterward offered for sale, papers pertaining to the acquisition of the Mercedita, and papers pertaining to contracts for building ships, including copies of some of the contracts, paid bills under the contracts, claims of contractors for payment or for compensation for extra work, specifications of the vessels, and memoranda and correspondence on these subjects. Unarranged.

RECORDS RELATING TO THE DISPOSAL OF VESSELS. 1845-76. 9 in.

231

A record of the correspondence regarding the agreement for the disposal

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New Ironsides; two bills from newspapers for advertising naval vessels for sale (refused because the newspapers were not authorized for the advertising); papers showing bids to buy the Kanawha, the Albany, the St. Louis, the Sagamore, and the John Adams; an abstract report of a board and of correspondence relating to the disposal of the Albany; correspondence regarding the purchase of a small naval vessel for Liberia and the purchase of a naval vessel for a native king in the Fiji Islands; papers relating to a canceled contract for breaking up the Piscataqua and claims of affected laborers against the Bureau; printed copies of an advertisement of an auction sale of vessels (the Albany and the Plymouth) recovered near Gosport Navy Yard, Norfolk, Va.; orders appointing a board to appraise the sale value of the Albany, the Nevada, and the board's report; the report of the commanding officer on the decommissioning of the Monongahela; the account sheet on the sale of the brig Lawrence showing the cash sale price, costs of sale, and net proceeds; the record of sale of the condemned brig Oregon (1845); orders appointing a board of survey relating to the disposal of the Albany, and the report of the board. Unarranged.

REPORTS RELATIVE TO ALTERATIONS AND REPAIRS ON VESSELS. 1850-77. 4 in.

232

A list of alterations on the Canonicus, suggested by Commander Benham; a letter requesting a change in the wardroom of the California according to plans enclosed; a claim of Peter Green for carpenter work on the Albany in 1863; papers pertaining to repairs on the Narragansett at Callao, Peru; a letter regarding alterations on the Alert; a letter from the carpenter of the Berricia suggesting alterations in masts; a recommendation by Adm. D. D. Porter for spar decks for vessels recently authorized by Congress (1873); a recommendation of alterations on the Pensacola by the captain of that vessel; a statement on cost of repairs to the Tallapoosa and a proposal to repair that vessel; correspondence of Admiral Porter regarding alterations on the Alarm; a report of repairs needed on the Brooklyn; Admiral Porter's recommendation of changes in the Ajax; estimated cost of repairing the Saratoga in 1859; and papers pertaining to the cost of repairing the Buckthorn. Unarranged.

REPORTS OF BOARDS OF SURVEY ON SHIPS AND THEIR EQUIPMENT. 1854-69.

7 ft.

233

Give the opinion of the board on the condition of the ship or equipment inspected and its decision as to whether or not the ship or equipment could be of further usefulness, and, if so, the repairs that would be necessary. Usually included is the order appointing the board, and often included is the letter from the officer in charge of the property to be surveyed requesting that the board be appointed. Arranged chronologically by year and thereunder alphabetically by name of vessel.

DIRECTIONS AND SPECIFICATIONS FOR THE CONSTRUCTION OF SHIPS. 1857-73.

2 vol. 2 in.

234

This volume contains copies of directions, instructions, and specifications for the construction of various ships; copies of contracts for the construction of two ships; and one or two accounts of the cost of construction and of iron work done on ships. Arranged by name of

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ship, with an index to the contents at the beginning of the volume. This information was apparently compiled by Theodore D. Wilson, who was appointed Naval Constructor at the Philadelphia Navy Yard in 1868.

CONTRACTS FOR CONSTRUCTION OF NAVAL VESSELS. 1861-64. 2 vols. 3 in.

Show date, names of contracting parties, and terms of contract. Arranged alphabetically by name of vessel. 235

PROPOSALS TO BUILD OR TO EQUIP GUNBOATS. 1861-77. 9 in.

Mainly responses to the Bureau's advertisements in 1861 and 1862 inviting such proposals and including bids on construction, suggestions, specifications, drawings, and plans relating to ironclads or their armor or armament submitted for consideration. Included are orders of the Secretary of the Navy appointing a board in 1862 to examine the proposals, the Secretary's subsequent instructions to the board, an incomplete report of the board, and correspondence relating to requests of some of the persons who submitted proposals to withdraw their plans or specifications and the board president's consent. Also included are printed clippings of the Bureau's advertisement for proposals (1861) to build side-wheel steamers and several offers or plans dated in the late 1860's and the 1870's, including correspondence about a torpedo boat designed by Adm. D. D. Porter. Unarranged. 236

RECORDS RELATING TO THE RAISING OF SUNKEN VESSELS. 1862-68. 2 in. 237

A list of books containing instructions respecting contracts to be made for raising vessels; a list of proposals to raise the Congress and the Cumberland, showing each bidder's name, address, and terms, accompanied by the bidder's letter; a list of proposals to raise ships from the Cape Fear River, N. C., giving each bidder's name, terms, and time required, accompanied by the bidder's letter; a rough draft of an advertisement inviting proposals to raise wrecks at Norfolk, Va., and vicinity; and a proposal for wrecking operations in Mobile Bay, Ala. Unarranged.

MISCELLANEOUS RECORD BOOK RELATING TO WAR VESSELS. 1863-65. 1 vol. 2 in. 238

This volume contains statements of payments for work and services relating to the construction of vessels, specifications for side-wheel steamers, copies of contracts for war vessels, and copies of correspondence exchanged with the General Superintendent of Ironclads, the General Inspector of Ironclads, and shipbuilders regarding the construction and inspection of war vessels. Arranged chronologically.

REPORTS RELATING TO THE PERFORMANCE AND CONDITION OF VESSELS. 1864-75. 2 ft. 239

A report of the chief engineer of the Hibiscus on a trial run; a report on the condition of the hulls of vessels at the New York Navy Yard; a report of a board of inspection on the Canonicus, the Powhatan, and the Juniate; orders appointing a board of inspection and the board's report on the Severn, the Niagara, the Virginia, the Dragon, the Shawnee, and

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the vessels: a report of the chief engineer of the Tennessee on trial runs; reports of Adm. D. D. Porter on the condition of the Juniata, the Terray, the Juritan, the Tennessee, the Florida, and the Colorado; a board of inspection's report on the Brooklyn; reports of a board of inspection on the Delaware, the Susquehanna, and the Colossus; reports by Admiral Porter on the Shamut and on steam-cutters for the Wyoming and ships of that class; orders appointing a board of inspection and the board's report on the condition of light-draft monitors at League Island, Philadelphia, Pa.; a report on the condition and outfit of the Mayflower; a report by the commanding officer on the grounding of the Tuscarora; a report of the medical member of a board of inspectors on the medical department of the Shenandoah; a report of a board on the Galena; a report of the commanding officer of the Monongahela on the decommissioning of that vessel; and a report of a board of engineering officers on the machinery of the Monadnock and the Comanche. There is also a letter on the difficulty of keeping the Hartford's bilges clean. Unarranged.

REPORTS OF VESSELS BUILDING, REPAIRING, AND IN ORDINARY AT NAVY YARDS. 1865-67. 3 in. 240

These reports give the status of the construction or repairs on vessels under construction and repair, and the condition of the hulls of vessels in ordinary. Some of these reports note necessary alterations or repairs and time required to prepare vessels in ordinary for sea duty. The navy yards represented are Norfolk, Va., Pensacola, Fla., Mare Island, Calif., Boston, Mass., Portsmouth, N. H., New York, N. Y., Philadelphia, Pa., Washington, D. C., and Mound City, Ill. Arranged by name of navy yard and chronologically thereunder.

BUILDING INSTRUCTIONS FOR NEW SLOOPS AT THE NAVY YARD, NORFOLK, VA. 1873. 1 vol. 1 1/4 in. 241

Instructions for building the various parts of these vessels. Arranged by subject. The following names have been written in pencil on the outside cover of the volume: Aaron, Adams, Essex, and Enterprise.

BUILDING DIRECTIONS FOR THE STEAM SLOOP NIPSIC. 1873. 1 vol. 1 in. 242

Directions, containing measurements and descriptive material, for rebuilding this vessel at the Washington Navy Yard. Arranged by subject (usually parts of vessel), with an index showing subject and page number.

REPORT OF MONITOR SQUADRON EXERCISES AT KEY WEST, FLA. 1874. 1/4 in. 243

This report, dated March 12 with no year indicated, is unsigned and without an indicated addressee; it is stamped as received in the Office of the Secretary of the Navy on March 24, 1874. The evolutions of the vessels are described in narrative form and are illustrated by drawings.

REPORTS ON "SAILING AND OTHER QUALITIES OF VESSELS." 1874-96. 6 vols. 244

Reports from commanding officers of naval vessels showing name and station of vessel, period of observation, complement of officers and crew, armament of vessel, and answering such questions as the following: the

draft of water found to be best sailing trim in connection with the amount of provisions, stores, and coal on board; the weight of iron ballast, water, and coal stowed; the inclination of vessel under various conditions; the performance of the vessel riding at anchor and under various weather conditions; and the rate of sailing and speed as compared with other ships. Arranged chronologically, with indexes to names of vessels in the volumes.

DATA REGARDING THE CONSTRUCTION OF VESSELS. 1883-95. 2 vols. 1 in.

245

Show name of vessel, date the keel was laid, date the vessel was launched, and date the vessel was commissioned. This information is supplemented in some instances by lists of documents received, such as reports of weights and surveys, with the Bureau's file number. Arranged by name of vessel, with an index to names of vessels in the front of each volume.

SPECIFICATIONS FOR VESSELS. 1883-1917. 113 vols. 8 ft.

246

Most of these volumes contain specifications prepared by the Bureau of Construction and Repair for the construction of naval vessels of all types; a few volumes contain specifications for machinery and material prepared by the Bureau of Steam Engineering; and a few other volumes contain specifications for Coast and Geodetic Survey vessels prepared by the Treasury and Commerce Departments. Unarranged. There are indexes in the volumes.

COMMUNICATIONS SENT BY THE BOARD ON ADDITIONAL VESSELS. July 1885-Nov. 1886. 1 vol. 1/2 in.

247

This board, composed of members from several of the bureaus of the Navy Department, was established on July 29, 1885, to examine plans, models, and designs for two cruisers, one heavily armed gunboat, and one light gunboat and to make recommendations concerning their adoption. Construction of the four vessels was authorized by an act of Congress of March 3, 1885, and, in conformity with the act, an advertisement inviting the submission of plans appeared on May 3, 1885. The board submitted its report of recommendations as to the characteristics of the vessels on September 18, 1885, and, after detailed plans and specifications had been prepared by the Bureau of Construction and Repair and the Bureau of Engineering in accordance with these recommendations, the board was reconvened on February 16, 1886, to examine these plans and specifications. These records consist of press copies of letters, memoranda, and endorsements sent. Arranged chronologically.

RECORDS RELATING TO ACCOUNTS AND CONSTRUCTION OF VESSELS. 1887-99. 5 ft.

248

Correspondence concerning payments for cruisers and gunboats, schedules of materials required for vessels, reports of work required on monitors, contracts for materials required in the construction of cruisers, authorizations to purchase materials, reports of hull weights of vessels, data relating to ships' allowance lists, specifications and lists of stores of vessels, payrolls of employees under the Bureau of Construction and Repair at shipyards, correspondence regarding changes in and trials of vessels, reports of ships' boats and related correspondence, and state-

from the Bureau of Supplies and Accounts regarding charges to be
an account of supplies issued from stock purchased under the Navy
Fund. Some of the documents are copies and some are originals
file references of Bureau of Construction and Repair correspond-
Arranged chronologically by year, except that following the docu-
for 1899 is a small quantity of unarranged material, an occasional
of which is dated as late as the World War I period.

OF A BOARD OF NAVAL OFFICERS ON THE METHODS OF FITTING ARMOR AND
DOCKING TO NAVAL VESSELS. Feb. 1891. 1 vol. 1/2 in. 249

This board, consisting of four naval constructors and a professor of
mechanics from the Naval Academy, was appointed by order of the Secre-
ary of the Navy, dated November 12, 1890, to consider and report on the
details of the best method of fitting armor and backing to naval vessels
and the appliances required for the execution of the work in the most
efficient, economical, and expeditious manner. This report of the board's
findings includes drawings and tables of dimensions. Arranged by subject,
with an index to drawings and tables.

ON SHIPS' BOATS. 1892-1901. 1 vol. 1 in. 250

This volume shows number of boat, weight in pounds, cost, place and
date built, ship or purpose for which built, reference number of Bureau's
letter concerning the boat, and sometimes remarks. Arranged by class of
boat, with an index to classes arranged alphabetically by initial letter
of class of boat.

RECORD OF VESSELS DOCKING AT NAVY YARDS. 1893-1918. 6 vols. 5 in. 251

Shows name of navy yard, name of vessel, and dates docked and un-
locked. Arranged by name of navy yard and thereunder by date of docking.

WATCH, QUARTER, AND STATION BILLS OF THE MINNEAPOLIS. 1894. 1 vol. 252

2 in.

This volume shows the crew authorized for the ship by rating (with
names of actual crew members filled in), indicates routine duties of the
various divisions of the ship, and shows stations to be manned, rating
or rank required, and duties to be performed in case of emergency, such
as fire or collision or when engaged by the enemy. Arranged by name of
division or other unit of the ship's organization, with a subject index
arranged alphabetically by initial letter of subject.

DOCKING RECORD. 1894-96. 1 vol. 1 in. 253

Shows name of vessel, date and place of docking, and file reference
to Bureau of Construction and Repair correspondence. Arranged by name
of vessel, with an index to names of vessels arranged alphabetically by
initial letter of vessel's name.

REPORTS OF INSPECTIONS OF NAVAL VESSELS ("HULL BOOKS"). 1894-1920. 254

113 vols. 7 ft.

Periodical reports by division officers on the condition of mechanical
devices and boats; by the Executive Officer and Medical Officer on the
condition of holds, storerooms, and living quarters; and by the Executive

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ried the contractor and the board of its approval. Arranged alpha-
ally by name of battleship and thereunder numerically by file num-
of Bureau's correspondence (see entry 92). There is a subject in-
changes, arranged alphabetically by subject and showing nature of
age, vessel on which it occurred, and change number shown on the
mentioned cards. The Georgia was under construction at the Bath
Works, Bath, Maine; the Nebraska at the Moran Brothers Co., Seattle,
ash.; the New Jersey and the Rhode Island at the Fore River Shipyard,
incy, Mass.; and the Virginia at the Newport News Shipbuilding and Dry
ck Co., Newport News, Va.

REPORTS CONCERNING THE DOLPHIN. 1902-4. 1 vol. 1/2 in. 259
This volume contains copies of reports sent to the commander of the
Dolphin by various officers on board relating to recommendations for re-
pairs and improvements, reporting the results of special and weekly in-
spections, and commenting on the general condition of the vessel. Ar-
ranged in roughly chronological order.

LIST OF SHIPS' SURVEYS. 1904-5. 1 vol. 1/2 in. 260
This volume concerns surveys of work necessary on ships. It shows
name of vessel and navy yard, estimated cost and estimated time, and
dates the survey was ordered and held. Arranged chronologically.

REPORTS OF "SEAGOING AND OTHER QUALITIES OF VESSELS." 1907-12. 2 vols. 261
1/2 in.
Reports of commanding officers of naval vessels showing name and sta-
tion of vessel, period covered (generally a year), complement of officers
and crew, maximum draft, amount of water and provisions on board, coal
capacity, nature of armament, speed and performance on trials, and con-
dition of the bottom; and answering questions on the way the vessel rode
at anchor, its general behavior at sea and whether it rolled or pitched,
alterations that had been made in quarters or storerooms, and the type
and performance of machinery. Arranged chronologically.

REPORTS OF COMPLETED WORK ON VESSELS. 1910. 2 in. 262
Monthly reports from the navy yards at Charleston, S. C., Philadelphia,
Pa., and Puget Sound, Wash., showing job order number; authority for work
(generally a citation to Bureau of Construction and Repair letter); name
of vessel and description of work; cost of labor, indirect expenses, and
material, and total cost of these items; and authorized estimated cost
for labor, indirect expenses, and material, and total authorized esti-
mated cost of these items. Arranged by name of navy yard and thereunder
chronologically. The reports bear file stamps showing that they were en-
closures to letters received by the Bureau of Construction and Repair.

REPORTS OF WORK ON VESSELS. 1913-20. 18 ft. 263
Periodical reports from officers at navy yards and shipyards on work
on naval vessels showing name and location of vessel, period covered,
description of work, total working days required, date work was author-
ized and by whom it was authorized, and date work was completed; paint-
ing and docking reports showing name of vessel, date of docking, condi-
tion of paint, and painting work done; and inspection reports on the

condition of hulls. Arranged by name of vessel (in part alphabetically), except that a group of inspection reports on hulls is filed, separately from the reports on vessels, by navy yard and a few of the painting and docking reports are filed by name of vessel apart from the main series.

RECORD RELATING TO SHIPS' SURVEYS. 1913-20. 1 vol. 1/2 in. 264

This volume, entitled "Surveys," contains four columns of data as follows: name of vessel, file reference to correspondence of the Bureau of Construction and Repair, date, and cost of work. Arranged alphabetically by initial letter of name of vessel, with an index to names of vessels in the volume. The surveys appear to relate to the cost of necessary work on vessels.

COMPARISON CARDS RELATING TO CHANGES ON VESSELS. 1916-20. 10 in. 265

Show card number, type of vessel, name of vessel involved, description of change, date of reference to board on changes, Bureau's change number, superintending constructor's change number, estimates of changes in cost by the contractor and the superintending constructor, and board's action (date and amount of award, if any). Arranged numerically.

RECORD OF WORK DONE. 1917-19. 1 vol. 1/2 in. 266

This volume contains descriptions of painting, carpentering, alterations made, and work done preparatory to putting a vessel, the name of which is not shown, out of commission. Arranged chronologically. The "U.S.S. Iowa" is written in pencil on the flyleaf, but, according to the annual report of the Chief of the Bureau of Construction and Repair, an order was given in July 1919 to the Newport News Shipbuilding and Drydock Co., Newport News, Va., for the construction of the battleship Iowa.

RECORD OF CHANGES ON DESTROYERS. 1917-20. 1 vol. 1 in. 267

This volume shows card number, description of changes, date and file reference to Bureau's letter authorizing changes, superintending constructor's and contractor's estimates of cost, date and file reference to Bureau's letter of approval, and remarks. Arranged numerically by destroyer number (Nos. 75-78, 131-134, and 345-347). The card number mentioned above is a number in the same style as the Bureau's change number shown on the comparison cards described in entry 265, but in that series there are apparently no comparison cards for these particular destroyers.

DAILY WORK RECORD OF THE CHESAPEAKE. 1919. 1 vol. 1/4 in. 268

A record of the construction department of the vessel describing work undertaken by carpenters, painters, electricians, and others and showing date on which work was performed and its degree of completion. Arranged chronologically.

SERVICE STATUS OF VESSELS. 1921-25. 1 vol. 2 in. 269

This volume shows name of ship, displacement, whether it is first or second line, whether it is in or out of commission or in reserve, and, if decommissioned during the period 1921-25, date the decommissioning took place. Final disposition, if any, is shown for the ships listed

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... with an index to classes of ships.

RELATING TO THE SALVAGING OF THE S-51. 1925-26. 1 vol. 4 in. 270

The submarine S-51 was sunk in a collision with the City of Rome off
Wapogo, R. I., in October 1925. These records consist of a volume con-
taining radiograms from the commander of the salvage force to the com-
mandants of the New York Navy Yard and the Submarine Base at New London,
Conn., regarding equipment, operations, and recovery of the bodies of the
crew; logs of operations containing data on the progress of the work and
weather conditions; and newspaper clippings. Unarranged. There is also
a copy of a report on salvage operations; it is arranged by subject, with
an index.

TECHNICAL REPORT ON THE SALVAGE OF THE S-4. Sept. 1928. 2 in. 271

The submarine S-4 was sunk in a collision with the Paulding off
Winnetown, Mass., on December 27, 1927. This is a copy of the report
of the commander of the salvage force containing information regarding
problems and working conditions, organization and composition of the
salvage force, procedure adopted, plan of attack, and results, and in-
cluding suggestions and recommendations. Arranged by subject, with a
table of contents.

SPECIFICATIONS FOR THE LEANDER. n.d. 1 vol. 1/4 in. 272

These specifications give dimensions and descriptions for constructing
the various parts of this ship, a twin-screw second-class cruiser of
steel. Arranged by subject.

DATA ON CONSTRUCTION. n.d. 1 vol. 1/2 in. 273

This volume contains lists of stanchions aboard an unidentified ves-
sel showing their number and location, together with information on fit-
tings and plates for various tanks and scrap accumulated. Arranged by
name of structure or fitting.

Records Relating to Supplies, Equipment, and Accounts

Procurement Records

CONTRACTS. 1852-84. 1 vol. 2 in. 274

Copies of contracts for materials and machinery for vessels and of a
few contracts for rebuilding and altering vessels and raising and sal-
vaging vessels showing date, name of contractor, and terms of contract,
with certifications of sureties as to the ability of the contractor to
fulfill the contract. Arranged chronologically. There is an index show-
ing name of contractor, work or articles contracted for, and page number,
arranged alphabetically by name of contractor and name of vessel.

PROPOSALS TO BUILD A WHARF AT PORT ROYAL, S. C. 1862. 1 in. 275

Responses to the Navy Department's advertisement of November 25, 1862.
With the communications from bidders is a summary sheet showing name of
bidder, residence, amount of bid, and time required. The bidders' let-
ters are numbered and arranged in numerical order.

CONTRACTS FOR MATERIALS. 1862-72. 4 vols. 1 ft. 271

Contracts for materials and for such items as locks, hinges, bolts, screws, and hardware, with accompanying specifications and certifications of sureties as to the ability of the contractor to fulfill the contract. Arranged chronologically, with indexes to names of contractors in the volumes.

CONTRACTS FOR SUPPLIES. 1868-69. 1 vol. 1/4 in. 272

Contracts for naval stores and office supplies showing name of contractor and general class of article and specific items thereunder, with quantities, prices, and delivery terms. Arranged numerically by class number of article, with a list showing class number, article, name and address of contractor, and page number.

RECORD OF CONTRACTS. 1869-74. 2 vols. 1 in. 273

A record of contracts entered into for lumber, hardware, pipe, paint, and similar supplies and fittings showing names and addresses of contractors; dates of contracts; class, quantity, and cost of materials; and dates of delivery and payment. Arranged numerically by class number of material, with a list showing class numbers and names of articles.

RECORD OF CONTRACTS. 1873-78; 1882-83. 2 vols. 3 in. 279

Shows name of contractor, general class of supplies (by number), and specific items and quantity. One volume covers the 1873-78 period; the other volume, the 1882-83 period. Arranged chronologically and thereunder numerically by number of general class of supplies.

CONTRACTS. 1882; 1885-86. 2 vols. 3 in. 280

Contracts for supplies (coal, brass, nails, hinges, stationery, and brushes) showing date, names of contracting parties, and terms of contract. Some of the contracts are followed by certifications of sureties concerning the contractor's ability to fulfill the contract. Contracts in the first volume (1882) are not arranged in any particular order; those in the second volume are arranged chronologically. Both volumes contain indexes to names of contractors.

REQUISITIONS FOR THE NEW YORK NAVY YARD. July 1886-June 1887. 1 vol. 2 in. 281

Signed copies of requisitions approved by the Chief of the Bureau of Construction and Repair for various materials and services. These requisitions are numbered and dated, and the estimated cost of materials or services is shown. Arranged chronologically.

INDEX TO REQUISITIONS FOR SUPPLIES. 1899. 1 ft. 282

Cards showing kind of materials ordered, name of vessel or office requesting supplies, navy yard from which supplies were obtained, and requisition numbers. Arranged alphabetically by name of supplies.

INDEX TO REQUISITIONS. 1900-1902. 8 in. 283

A card index to requisitions for materials and stores showing name of vessel, shop (such as machine shop or paint shop), or plant (such as galvanizing plant) for which requisitioned, kinds and quantities of

and stores requisitioned, requisition number, and place from which requisitioned (occasionally a navy yard but place is more frequently indicated by a number preceded by the letter "E," as "E25"). Arranged alphabetically by name of ship, shop, or plant.

1903. Apr. 1903-Oct. 1911. 5 vols. 1 ft. 284
Copies of contracts for supplies and equipment made by the Bureau of Supplies and Accounts on requisitions of the Bureau of Construction and Repair, showing date, names of contracting parties, and terms of contract. Arranged chronologically.

1903. Sept. 1903-Dec. 1911. 9 vols. 2 ft. 285
Copies of contracts for supplies and equipment made by the Bureau of Supplies and Accounts for the Bureau of Construction and Repair under the Navy Supply Fund and the Navy Supply Account showing date, names of contracting parties, and terms of contract. Arranged chronologically.
The Navy Supply Fund was authorized by an act of Congress approved Jan 3, 1893, for the purchase of ordinary commercial supplies for the naval service. It was divided into seven different store accounts. The Navy Supply Fund was liquidated in 1910, and an act of Congress approved June 25, 1910, created the Navy Supply Account in its place. In the latter account the seven accounts of the Navy Supply Fund were consolidated into one property store account.

1912-40. 191 ft. 286
Contracts for materials and equipment, reports of material shipped, reports of inspections and tests, notices of awards, memoranda regarding payments, and related correspondence. Arranged numerically by contract number in two series, one covering the period 1912-26 and the other, the period 1926-40. Index cards described in entry 117 show, for contracts and related records for the period 1926-40, name of contractor and contract number.

1914-39. 156 ft. 287
Drafts of specifications for material and equipment, proposed specifications, and printed copies of specifications as finally issued; correspondence with navy yards and manufacturing firms regarding the drawing of specifications and the printing and mailing of them; and blue-prints, diagrams, and drawings. Arranged numerically in two series by name of material or equipment. In the second series, which contains the final printed copies and related papers, the file references are a combination of numbers and letters of the alphabet; and the "Index of Naval Specifications" printed in the Navy Filing Manual serves as an index to them.

1917. 3 in. 288
Consists of cards showing requisition numbers of materials or services ordered, and dates of their receipt. Arranged by name of navy yard.

1917-20. 20 ft. 289
Copies of orders issued by the Bureau of Supplies and Accounts in

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accordance with an act of Congress approved June 15, 1917, which authorized the President to place orders with any person for such ships and materials as the Government needed and which made compliance with the order obligatory. The orders show date, name and address of firm to which issued, articles ordered and cost, place and time of delivery, and terms and conditions of order. Attached to the orders are correspondence concerning inspections of the articles ordered and the status of the order, and correspondence of the Paymaster General of the Navy concerning changes in prices. A few items of correspondence concerning payments are dated as late as 1923. Arranged numerically by order number.

"BUREAU ORDERS" FOR SUPPLIES. 1917-25. 32 ft.

290

Bids and proposals to furnish supplies coming within the Bureau of Construction and Repair's schedules of supplies and copies of acceptances of these bids and proposals by the Bureau of Supplies and Accounts, showing schedule of articles to be delivered, name and address of firm to furnish them, and general specifications and conditions governing classes of supplies within the schedule, with invoices and reports of material shipped and correspondence regarding inspections of the articles furnished. These orders relate to supplies costing under \$500, which, in accordance with an act of Congress approved March 2, 1907, the Navy Department was authorized to purchase in the open market without formal contract or bond. Arranged numerically in two series, one series covering the period 1917-20 and the other, the period 1920-25. The numbers are preceded by the letters "BO" (Bureau Order), except for a small group preceded by the letter "O" but in the same numerical series as the "BO" orders.

Allowance Lists of Vessels and Related Records

ALLOWANCE BOOKS OF NAVAL VESSELS. 1893-1907. 24 vols. 2 ft.

291

These printed volumes show name of vessel, date, ship's complement of officers and crew, and general class of equipage and supplies, and thereunder specific articles and quantities allowed. Some of the volumes also show allowances at commissioning and periodically thereafter. Some of the volumes are entitled "Outfit and Allowance of Stores" and others are entitled "Allowance of Equipage (Title B) and Supplies (Title Y)." Some of the volumes were prepared by the Bureau of Supplies and Accounts, some by the Bureau of Equipment, and some by the Bureau of Construction and Repair. Many of the volumes prepared by the first two bureaus bear a file reference to correspondence of the Bureau of Construction and Repair, showing that they were originally enclosures to incoming correspondence. Arranged alphabetically by name of vessel and, within the volumes, numerically by class number of equipage and supplies.

ALLOWANCE LIST OF THE ST. LOUIS. 1904. 1 vol. 1/2 in.

292

Under the headings "Equipage" and "Supplies" this list shows the general class of article and thereunder specific items, their quantity, and whether the items were furnished by the Government or the contractor. Also shown are the number of square yards of painting surface; the ship's complement of officers, crew, and marines; the number of masts; and the

of staterooms and berths. Arranged numerically by general class of articles of equipage and supply.

ALLOWANCE LIST OF EQUIPAGE AND SUPPLIES. 1909. 1 vol. 1 in.

293

Shows general class of equipage and supplies, specific articles thereunder, and whether the items were furnished by the contractor or the Government. The volume bears the same title as this series and does not relate to a particular vessel.

ALLOWANCE LISTS OF SUBMARINES. 1911-18; 1933. 83 vols. 6 ft.

294

Shows list of items of equipage and supplies allowed on submarines showing designation of submarine, year, general class of supplies and equipage (number), specific items under the general class, and whether the items were furnished by the contractor or the Government. The lists for 1911-18 relate to many of the same vessels included in the 1918 lists. Arranged by designation of submarine.

ALLOWANCE LIST OF EQUIPAGE FOR THE WOLVERINE. 1912. 1 vol. 1/4 in.

295

Shows general class of equipage, and specific items and quantities thereunder. Arranged numerically by general class of number of equipage.

ALLOWANCE LIST OF THE BENHAM. 1913. 1 vol. 1/4 in.

296

Shows general class of equipage and supplies, specific items thereunder, and whether the items were furnished by the Government or the contractor. Arranged numerically by general class number of equipage and supplies.

ALLOWANCE LIST OF EQUIPAGE FOR THE PROMETHEUS. 1913. 1 vol. 1/2 in.

297

Shows general class of equipage, and specific items and quantities thereunder. Arranged numerically by general class number of equipage.

ALLOWANCE LIST OF EQUIPAGE FOR THE BIRMINGHAM. 1915. 1 vol. 1/4 in.

298

Shows general class of equipage, specific items thereunder, and brief descriptions of items. Arranged numerically by general class number of equipage.

ALLOWANCE LIST OF THE CHENING. 1915. 1 vol. 1/2 in.

299

Shows general class of equipage and supplies, specific items thereunder, and brief descriptions of items. Arranged numerically by general class number of equipage and supplies.

ALLOWANCE LIST FOR COMMISSION FOR THE NEPTUNE. 1915. 1 vol. 1/2 in.

300

Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies.

ALLOWANCE LIST OF EQUIPAGE FOR THE CLEVELAND. 1916. 1 vol. 1/2 in. 301

Shows general class of equipage, specific items thereunder, and brief descriptions of items. Arranged numerically by general class number of equipage and thereunder numerically by item number, the items being numbered consecutively.

ALLOWANCE LIST OF EQUIPAGE FOR THE AGAMEMNON. 1917. 1 vol. 1/2 in. 302

Shows general class of equipage, specific items thereunder, and occasionally brief descriptions of the items. Arranged numerically by general class number of equipage.

ALLOWANCE LIST OF THE AGWIDALE. 1918. 1 vol. 1/4 in. 303

Shows general class of equipage and supplies, specific items thereunder, and whether the items were furnished by the Government or the contractor. Arranged numerically by general class number of equipage and supplies.

ALLOWANCE LIST OF EQUIPAGE FOR THE BOREAS. 1918. 1 vol. 1/2 in. 304

Shows general class of equipage, and specific items and quantities thereunder. Items furnished by the shipbuilder are indicated by the letter "S." Arranged numerically by general class number of equipage.

ALLOWANCE LIST OF THE ELCANO. 1923. 1 vol. 1/4 in. 305

Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies.

ALLOWANCE LIST OF THE VILLALOBOS. 1923. 1 vol. 1/4 in. 306

Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies.

INSTRUCTIONS CONCERNING THE PREPARATION AND MAINTENANCE OF SHIPS' ALLOWANCE LISTS. 1925. 1 vol. 307

Instructions to commandants of navy yards and a few other naval officers modifying the method of preparing and handling allowance lists, with sample lists. Arranged by class of article.

SALVAGE ALLOWANCE LIST OF THE CHEWINK. 1929. 1 vol. 1/4 in. 308

Shows general class of equipage and supplies, and specific items and quantity thereunder. Arranged numerically by general class number of equipage and supplies. Only a few classes are included.

ALLOWANCE LISTS OF THE WILLIAMSON AND THE CHILDS. 1929. 2 vols. 1 in. 309

The allowance lists for these small seaplane tenders show general class of equipage and supplies, specific items and quantities thereunder, and, sometimes, whether the items were furnished by the Government or the contractor. Arranged by name of vessel and thereunder numerically by general class number of equipage and supplies.

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LIST OF THE BADGER. n.d. 1 vol. 1/2 in. 310
Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies.

LIST OF EQUIPAGE FOR THE BAYSPRING. n.d. 1 vol. 1/4 in. 311
Shows general class of equipage, and specific items and quantities thereunder. Arranged numerically by general class number of equipage.

LIST OF THE BENHAM. n.d. 1 vol. 1 in. 312
Shows general class of equipage and supplies, specific items and quantities thereunder, and whether the items were furnished by the Government or the contractor. Arranged numerically by general class number of equipage and supplies.

LIST OF THE DRAYTON. n.d. 1 vol. 1/4 in. 313
Shows general class of equipage and supplies, specific items thereunder, and whether the items were furnished by the contractor or the Government. Arranged numerically by general class number of equipage and supplies.

LIST OF EQUIPAGE FOR THE GENESSEE. n.d. 1 vol. 1/4 in. 314
Shows general class of equipage, and specific items and quantities thereunder. Arranged numerically by general class number of equipage.

LIST OF THE NEREUS. n.d. 1 vol. 1/2 in. 315
Shows general class of equipage and supplies, specific items and quantities thereunder, and whether the items were furnished by the Government or the contractor. Arranged numerically by general class number of equipage and supplies.

ALLOWANCE LIST OF THE ORTOLAN. n.d. 1 vol. 1/4 in. 316
Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies. Only a few classes are included.

ALLOWANCE LIST OF THE PIGEON. n.d. 1 vol. 1/4 in. 317
Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies. Only a few classes are included.

ALLOWANCE LIST OF THE WIDGEON. n.d. 1 vol. 1/4 in. 318
Shows general class of equipage and supplies, and specific items and quantities thereunder. Arranged numerically by general class number of equipage and supplies. Only a few classes are included.

LIST OF LIGHT CRUISERS NOS. 40-43. Aug. 1934. 1 vol. 2 in. 319
This article, by whom furnished (the contractor or the Government), quantity furnished. Arranged by class of article.

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Returns, Inventories, and Lists of Supplies and Stores

RETURNS OF STORES AT NAVY YARDS AND NAVAL STATIONS. 1842-86. 299 vols.
51 ft. 320

Monthly or quarterly returns showing articles, quantity on hand on first of month or at beginning of quarter, quantity received during month or quarter, total on hand and received, quantity expended during month or quarter, quantity remaining on hand, and sometimes money value of stores, with related papers such as vouchers and receipts. Arranged by name of navy yard or naval station and thereunder chronologically, with indexes to stores in most of the volumes. The following navy yards and stations are represented: Navy Yard, Boston, Mass., 1844-86; Naval Depot, Hongkong, China, 1856-60; Naval Storekeeper, Key West, Fla., 1855-80; Navy Yard, Portsmouth (Kittery), N. H., 1844-86; Navy Yard, Mare Island, Calif., 1851-86; "Miscellaneous," 1842-83, containing individual returns from several yards and compilations of aggregate returns from all yards; Navy Yard, Memphis, Tenn., 1850-55; Navy Yard, New York, N. Y., 1844-85; Navy Yard, Norfolk (Gosport), Va., 1844-86; Navy Yard, Pensacola, Fla., 1844-86; Navy Yard, Philadelphia (League Island), Pa., 1844-86; Naval Depot, Port Mahon, Spezia, Italy, 1844-58; Naval Depot, Valparaiso, Chile, 1855-57; and Navy Yard, Washington, D. C., 1844-86.

INVENTORIES OF STORES AND SUPPLIES. 1842-37. 10 in. 321

Returns of public stores and property on hand at various navy yards or naval stations, together with lists of supplies required by various vessels and naval installations and monthly inventories of articles received. Arranged by name of navy yard or naval station.

RECORD OF RECEIPTS AND EXPENDITURES OF STORES BY THE INO. Sept. 1861-Aug. 1862. 1 vol. 1/2 in. 322

Shows ship's departments and thereunder articles received or purchased from Boston, Mass., and articles expended on requisitions. Arranged by name of department, thereunder under the headings "Receipts" and "Expenditures," and thereunder chronologically.

LEDGER OF SUPPLIES FOR THE NORTH ATLANTIC SQUADRON. 1864-65. 1 vol. 2 in. 323

Shows articles, date received, name of vessel (occasionally name of navy yard) for which received, quantity, and cost. Arranged by name of articles, with an index to articles in the front of the volume.

RECORD OF SUPPLIES RECEIVED FOR THE NORTH ATLANTIC SQUADRON. Oct. 1864-Aug. 1865. 1 vol. 2 in. 324

A record of supplies received at the Norfolk Navy Yard from the Bureau of Construction and Repair for the North Atlantic Squadron, showing articles, quantity, and value. Arranged chronologically.

INVENTORY OF PUBLIC PROPERTY IN THE CONSTRUCTION AND REPAIR DEPARTMENT OF THE BOSTON NAVY YARD. 1865. 1 vol. 2 in. 325

Shows articles, quantities, and, in the case of items of furniture, names of vessels. Arranged alphabetically by initial letter of name of

The inventory was prepared by a Board of Inventory appointed by Department order and was submitted to the Chief of the Bureau of Construction and Repair.

EXPENDITURES OF LABOR AND MATERIAL AT NAVY YARDS. 1865-69.

Labor and material expended at the various yards building or repairing vessels or for miscellaneous purposes. Some of the reports show the vessel on which labor and materials were expended, some show only the amount expended (indicated by occupation or craft), and some show only the amount of labor and materials expended at the yard for the period of the report. Unarranged.

INVENTORY OF PROPERTY AT THE PORTSMOUTH NAVY YARD. 1866. 1 vol.

This volume lists tools, lumber, and miscellaneous supplies and articles belonging to the Bureau of Construction and Repair and in charge of the naval storekeeper. It shows the kind, quantity, and cost of the supplies. The inventory was submitted to the Bureau by a Board of Inventory appointed to survey the stores. Arranged alphabetically by initial letter of name of article.

RECORD OF STORES RECEIVED AND EXPENDED ON BOARD THE UNADILLA. 1866-69.

1 vol. 1 in. Contains a list of stores received, arranged by ship's department and thereunder chronologically, and a daily record of stores expended, arranged chronologically and thereunder by ship's department.

RECORD OF STORES RECEIVED AND EXPENDED ON BOARD THE PEORIA. 1867. 1 vol.

1/2 in. This volume is a record of the construction department of the vessel. It shows dates of receipt and expenditure of canvas, cordage, tools, nails, blocks, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by name of supplies or fitting and thereunder chronologically.

RECORD OF STORES RECEIVED AND EXPENDED ON BOARD THE MAUMEE. 1867-69.

1 vol. 1/2 in. This volume is a record of the construction department of the vessel. It shows dates of receipt and expenditure of canvas, cordage, tools, nails, blocks, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by name of supplies or fitting and thereunder chronologically.

RECORD OF STORES RECEIVED AND EXPENDED ON BOARD THE UNADILLA. 1867-69.

1 vol. 1/2 in. This volume is a record of the construction department of the vessel. It shows dates of receipt and expenditure of canvas, cordage, tools, nails, blocks, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by name of supplies or fitting and thereunder chronologically.

LISTS OF STORES DELIVERED TO NAVAL VESSELS. July 1867-Dec. 1886. 1 vol. 2 in. 332

This volume shows date (month and year), name of vessel, articles and quantities delivered, and value of articles. Arranged chronologically.

LEDGERS OF STORES RECEIVED AND EXPENDED ON BOARD THE PORTSMOUTH. 1869-71. 2 vols. 1 in. 333

These volumes are records of the construction department of the vessel. They show dates of receipt and expenditure of tools, lumber, blocks, nails, bolts, paints, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by name of supplies or fitting and thereunder chronologically.

"REGISTER OF RECEIPTS." 1870-80. 1 vol. 2 in. 334

This volume relates to supplies. It shows name of firm and thereunder articles received, their quantity and cost, and whether they were obtained by contract or open-purchase requisition. Arranged chronologically, with an index to names of firms in the front of the volume.

RECORD OF THE RECEIPT OF RETURNS OF STORES FROM NAVY YARDS AND VESSELS. 1872-76. 1 vol. 1 in. 335

Shows name of navy yard or vessel, date of stores' return, and date of stores' receipt. Arranged under the headings "Navy Yards" and "Vessels," and thereunder by name of navy yard or vessel.

LEDGER OF STORES RECEIVED AND EXPENDED ON BOARD THE BROOKLYN. 1874-76. 1 vol. 1 in. 336

This volume is a record of the construction department of the vessel. It shows dates of receipt and expenditure of tools, lumber, blocks, nails, bolts, paints, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by name of supplies or fitting and thereunder chronologically.

RECORD OF DAILY EXPENDITURES OF STORES ON BOARD THE BROOKLYN. 1874-76. 1 vol. 1/4 in. 337

Lists of articles used by the construction department of the vessel showing date of expenditure, and quantity of stores and materials used. Arranged chronologically.

RECORD OF SHIPS' STORES FURNISHED ON REQUISITION. 1878. 1 vol. 1/2 in. 338

Shows name of vessel, stores (paint, timber, copper, lead, hardware, and sundries), quantities, and date of requisition. Arranged by name of ship, with an index to ships' names in the front of the volume.

LEDGER OF STORES RECEIVED AND EXPENDED ON BOARD THE RICHMOND. 1878-81. 1 vol. 1 in. 339

This volume is a record of the construction department of the vessel. It shows dates of receipt and expenditure of tools, lumber, blocks, nails, bolts, paints, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by year, thereunder by name of supplies or fitting, and thereunder chronologically.

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OF DAILY EXPENDITURES OF STORES ON BOARD THE RICHMOND. 18
vol. 1/4 in.
of articles used by the construction department of the v
of materials expended and purpose for which they
arranged chronologically.

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OF ARTICLES RECEIVED ON THE RICHMOND. 1878-81. 1 vol.

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lists of articles received by the construction department of
from various navy yards, naval stations, and private contrac
from whom articles were received, and quantity and
articles. Arranged chronologically.

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REPORTS OF EXPENDITURES OF STORES BY VESSELS. 1879-80
1/2 in.

These reports show the Bureau of Construction and Repair's i
plies and equipment expended during the period covered by th
their value or cost; sometimes included are inventory figur
at the beginning and end of the period. The vessels repor
are the Minnesota (first 3 quarters), the Wachusett (2d a
quarters), and the Saratoga (all 4 quarters). The vessels rep
for 1880 are the Franklin (2d quarter), the Yantic (4th quarte
Skull (1st quarter). Unarranged.

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RETURN OF STORES BY THE NAVAL STOREKEEPERS AT KEY W
AND RIO DE JANEIRO, BRAZIL. 1881-87. 39 vols. 1 ft.

These volumes show the quantity of lumber, paint, sheathing
steel forgings and castings, furniture, and miscellaneous supp
tures, and fittings on hand and manufactured in the navy yarc
at and in the naval depot at Rio de Janeiro. Arranged by na
installation, thereunder chronologically, and thereunder l
fittings or supplies.

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NAVAL STOREKEEPER'S REPORTS OF STORES AND MATERIAL ON HAND
TO THE BUREAU OF CONSTRUCTION AND REPAIR AT THE PORTSMOUTH
Feb. 1888-May 1890. 27 pamphlets. 1 ft.

Monthly reports showing articles and quantities of each or
and chronologically (reports for September and October 18
March and April 1890 are missing) and thereunder numerically
location number of stores and material. Each pamphlet inclu
ification of Ledger Accounts," which shows number and class
of material, arranged numerically. These pamphlets were re
enclosures to correspondence.

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of

LISTS OF MATERIALS FOR THE NEWARK AND THE TEXAS. 1883;
2 pamphlets. 1/4 in.

Schedules of materials required at the New York Navy Yarc
1883, and the Texas, 1890, showing general class of
specific items thereunder, with weights and measurement
prices. Arranged by name of vessel and thereunder
general class number of materials. These pamphlets were
Bureau as enclosures to correspondence.

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ails,
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or

RECORD OF STORES RECEIVED AND EXPENDED. 1890. 1 vol. 1 in. 31

A monthly record of miscellaneous stores received at an unidentified navy yard or private construction company, or on board an unidentified vessel, showing kind, quantity, and cost of supplies. Arranged by name of supplies and thereunder chronologically.

SHIP'S ACCOUNT OF MATERIALS. 1896-1902. 1 vol. 1 in. 31

This volume shows materials and quantity received, date received, Navy Department bureau from which received, purpose for which received, and initials of various individuals (possibly the persons receiving the materials). The name of the vessel is not shown but inserted loosely in the volume is a list of plans of the Rainbow, which was a distilling ship of the Navy during this period. Arranged chronologically.

RECORD OF MATERIALS RECEIVED AT NAVY YARDS AND NAVAL STATIONS. 1909-11. 2 vols. 2 in. 315

Lists of supplies and construction materials received at various navy yards and naval stations, showing date received; kind, quantity, and cost of material; and vessel or officer to which it was assigned. Arranged by name of navy yard or naval station and thereunder chronologically.

RETURNS OF SUPPLIES ON BOARD VESSELS. 1910-11. 4 ft. 349

Quarterly returns of receipts and expenditures of supplies under the Bureau of Construction and Repair, showing name of vessel and commanding officer, articles, quantity on hand at beginning of quarter, quantity received during quarter, quantity expended during quarter, quantity remaining on hand, and remarks. These reports were received as enclosures to the correspondence described in entry 33 and are arranged numerically by file numbers of the correspondence with which they were enclosed.

Records Relating to Inspections and Surveys of Material and Equipment

REGISTER OF CORRESPONDENCE RECEIVED BY THE CHIEF INSPECTOR OF STEEL FOR NEW CRUISERS. 1887-89. 1 vol. 1 in. 350

Gives name of correspondent, a correspondence file number, date of correspondence, and subject. Arranged alphabetically by initial letter of name of inspector or company from which correspondence was received and thereunder chronologically. The correspondence to which this register refers has not been found.

RECORDS OF SURVEYS OF UNSERVICEABLE EQUIPMENT. 1916-40. 20 ft. 351

Records of surveys of articles (such as motor launches, furniture, lifejackets, mattresses, blankets, coal barges, and anchors) at naval districts and navy yards that were damaged, worn out, or otherwise unfit for use. These records consist of form requests to the Bureau of Supplies and Accounts for surveys showing article, quantity, identifying marks, invoice price, date, from whom received, and reason for survey; reports by the surveying officer describing condition of article surveyed and making a recommendation regarding its replacement or disposition; and sometimes a notification by the Bureau of Construction and Repair concerning approval of recommendation, with photographs of damaged article. Arranged by number of naval district or by name of navy yard.

SURVEYS OF ARTICLES LOST, MISSING, OR DESTROYED ON VESSELS.

90 ft.

352

for surveys showing article, quantity, identification marks, price, date, from whom received, and reason for survey; reports of supply officer of the vessel of investigations, with recommendations and correspondence with persons allegedly responsible for the loss; and correspondence to the Bureau of Construction and Repair concerning the surveys and forwarding the reports. Arranged by name of vessel in two alphabetical series.

REPORT OF INSPECTORS OF NAVAL MATERIAL. 1928-35. 2 ft.

353

Series of monthly reports of material inspected, showing inspection district, date of inspection, weight and cost of material inspected, amount of tons of material accepted and rejected, estimated value of material accepted, itemized cost of inspection, name of inspector, and number of inspectors on duty in the district, with their salaries, bureau with which they belonged, and number of hours each one spent in inspecting material. Arranged according to the Navy Filing Manual file number for inspection district and thereunder chronologically.

Transfer Records

"TRANSFER ACCOUNTS." 1946-50; 1855-56; 1861-73; 1975-85. 16 vols. 3 ft.

355

Statements of the transfer of services and supplies to accounts of other bureaus for work at navy yards, showing name of bureau and navy yard, articles transferred (chiefly labor and materials), and their value. Arranged chronologically. In this series there are gaps in dates because of missing volumes (Volumes 2, 4-6, 8, 14, and 18 are missing).

INDEX OF THE TRANSFER OF FUNDS. 1952-64. 1 vol. 1 in.

356

Contains statements of the transfer of funds appropriated to the Bureau of Construction, Equipment, and Repairs (after 1862, to the Bureau of Construction and Repair) to other bureaus, navy yards, and to "Miscellaneous" (Quartermaster's Department, Mexican Hostilities, and Treasury Department) showing agency or station to which transferred, and purpose and amount of transfer. Arranged chronologically and thereunder by name of organization to which transferred. There is an index in the front of the volume.

MONTHLY SUMMARIES OF NAVY YARDS. 1952-68. 7 ft.

357

Monthly summaries of payrolls for work done at navy yards for the various bureaus of the Navy Department. They show work done and name of bureau for which it was done, occupation of person employed thereon (such as mechanic, laborer, teamster), and total amount of days worked during month and total amount paid therefor in each class of occupation. Arranged chronologically and thereunder by name of navy yard.

INDEX OF COST OF ACQUIRING, REPAIRING, AND EQUIPPING SHIPS. 1852-88.

7 vols. and 1 index vol. 1 ft.

358

These volumes show purchase price of ship or building cost by contract; frequently contractor's name; and a record of repairs made or equipment

installed, by date and place, with cost indicated. In some of the volumes the part of the ship that was repaired is specified. The date of final disposition or fate of ship is given if the ship's term of service has ended, the price received and usually the purchaser being given in case of sale. Arranged by name of ship. There are indexes in the volumes to names of ships, arranged alphabetically by initial letter of name of ship. The letters "A" and "B" are missing in the index for volume 11. There is a separate incomplete index volume, showing name of ship, volume number, and page number; this index refers to a 12-volume series, only 7 volumes of which have been found.

RECORD OF RECEIPTS AND EXPENDITURES OF FUNDS AND STORES AT NAVY YARDS.
1856-67. 1 vol. 2 in. 359

Shows date, name of navy yard, amount of funds on hand at each yard at beginning of fiscal year, amounts received and expended during year, and amounts on hand at beginning of next fiscal year; and date, name of navy yard, and value of stores on hand at each navy yard at beginning of month, value of stores received and expended during month, and value of stores on hand at beginning of next month. Arranged chronologically, with an index in the front of the volume.

BILLS FROM NAVY YARDS AND NAVAL STATIONS. 1860-66. 202 vols. 32 ft. 360

These bills, from navy agents, paymasters, and storekeepers for services and supplies coming under the appropriation "Construction and Repairs," show articles furnished and their cost. Some of the bills are in the form of letters requesting funds. Arranged alphabetically by name or location of yard or station and thereunder chronologically, except that the first volume, 1861-66, contains bills from several yards and from the office of the General Superintendent of Ironclads in New York, N. Y.

RECORDS RELATING TO MISCELLANEOUS FINANCIAL MATTERS. 1860-77. 3 in. 361

Include a memorandum on the monetary condition of the Bureau and memoranda on indebtedness and expenses of the Bureau; a copy of the "average bond" (insurance policy) on the brig Charles H. Frost; papers pertaining to claims for damages in collisions involving naval vessels; statements of amounts of contracts at the various navy yards, 1865-77; a copy of the insurance policy on the monitor Montauk covering towing from Washington, D. C., to New York, N. Y.; a letter from the Chief of the Bureau of Construction and Repair to a paymaster regarding the latter's request for Bureau of Construction and Repair funds; exhibits showing requisitions of the Navy agent at Philadelphia for Bureau funds for November and December 1864; and exhibits, vouchers, and other papers of the paymaster at the Pensacola Navy Yard. Unarranged.

RECORD OF PAYMENTS ON CONTRACTS FOR SHIPS ("BILL BOOK"). 1861-64.
1 vol. 1 in. 362

This volume shows name of ship, date and amount of contract, date the contract was to be completed, usually name of contractor, and payments made under contract (listed by date and amount), with notations regarding

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... reserved and record of extra costs, if any. Payments on hull and machinery are frequently under separate contracts. Arranged by name of vessel. There is an index in the front of the volume to names of vessels, arranged alphabetically by initial letter of name of vessel.

REQUISITIONS FOR FUNDS DRAWN ON THE SECRETARY OF THE NAVY.

July 1861-Aug. 1863. 2 vols. 3 in.

363

These volumes show date, requisition number, name and station of person in whose favor funds were drawn (chiefly navy agents and paymasters), amounts and appropriations under which funds were drawn, and total amounts. Arranged chronologically.

STATEMENTS FROM NAVY YARDS OF PAYMENTS, VOUCHERS, AND CONTRACTS. 1862-83. 2 ft.

364

Monthly statements of payments made to contractors at various navy yards showing the authorized appropriation, balances, requisitions made, and amounts received and deposited; monthly statements of current contracts showing name of contractor, date, articles supplied, their prices, and payments therefor; and statements of outstanding vouchers and money received and expended for various purposes. Arranged by name of navy yard.

RESERVATION BILLS. 1863-82. 8 in.

365

These bills relate to contracts on which a certain percentage of the amount of the contract was reserved for payment after all the articles contracted for had been delivered. They show name of contractor, full amount of contract, articles contracted for and place of delivery, and percentage and amount of reservation. Sometimes included is a certification by a naval constructor that all articles on the contract had been delivered and that amount of reservation was due, with notations as to settlements. Arranged in roughly chronological order.

RECORD OF ACCOUNTS APPROVED FOR PAYMENTS. Aug. 1864-June 1868. 1 vol. 1 in.

366

A record of accounts primarily for payments to contractors for construction and repair work on vessels and for payments for advertisements for bids, but also payments for the hauling of freight, for materials, and for labor. The accounts give name of person or firm to receive payment, purpose and amount of payment to be made, dates and names of persons certifying or approving payments, date payment was approved by the Chief of the Bureau of Construction and Repair, and place the payment was to be made. Some of the bills were incurred as early as 1863. Arranged chronologically by date of bill's approval by the Bureau. There is a name index in the volume.

REPORTS OF THE TRANSFER OF FUNDS UNDER APPROPRIATIONS. 1864-92. 2 ft.

367

Monthly reports of amounts debited and credited showing, under the headings "Debits" and "Credits," name of person or purpose of debit or credit, title of appropriation, and amount debited or credited. The earlier reports are in the form of individual vouchers for debits and credits. Arranged in roughly chronological order.

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ACCOUNTS FOR STATIONERY AND MISCELLANEOUS ARTICLES. 1865-73. 1 vol. 1/2 in.

Show date of purchase, articles purchased, and cost. The volume, apparently kept by someone in the Bureau of Construction and Repair, relates chiefly to office supplies. Arranged chronologically.

RECORD OF PAYMENTS MADE BY PAYMASTERS AT NAVY YARDS. Jan.-June 1866; Sept.-Oct. 1866. 1 vol. 1/4 in.

Shows requisition number, date, name of person or firm receiving payment, and purpose and amount of payment. Arranged by name of navy yard and thereunder chronologically. The records for all the yards are for the period January-June 1866 except the one for the yard at Mound City, Ill., which is for the period September-October 1866. There is an index to names of yards in the volume.

STATEMENT OF RECEIPTS AND EXPENDITURES AT NAVY YARDS. 1866-67. Less than 1/4 in.

Shows funds on hand at beginning of period of report, receipts during period, and amount on hand at end of period at the New York, N. Y., Washington, D. C., and Portsmouth (Kittery), N. H., Navy Yards. Unarranged.

RECORD OF PAYMENTS MADE BY PAYMASTERS. 1866-74; 1882-87. 3 vols. 1/4 in.

A record of payments for supplies and materials showing name and station of paymaster, name of person paid, date of payment, articles for which paid, requisition number, and amount paid. Arranged chronologically and thereunder by name of station.

RECORD OF PAYMASTERS' REQUISITIONS FOR FUNDS. 1866-82. 1 ft.

Lists of expenditures and funds required by various navy yards and naval stations showing name of recipient, type of work performed, amount requested, and balance on hand. Arranged by name of naval station or navy yard, and sometimes by name of vessel.

RECORD OF THE COST OF LABOR AND MATERIAL EXPENDED BY AND TO THE BUREAU OF CONSTRUCTION AND REPAIR. July 1867-May 1869. 1 vol. 1/2 in.

Monthly statements showing names of Navy Department bureaus and costs of labor and material expended to each by the Bureau of Construction and Repair, and names of Navy Department bureaus and costs of labor and material expended by each to the Bureau of Construction and Repair. Arranged chronologically.

RECORDS RELATING TO INTERBUREAU TRANSFERS OF LABOR AND MATERIAL. 1867-70. 3 in.

Lists of items of material and labor (with their value indicated) which were transferred at the various yards from the Bureau of Construction and Repair to other bureaus (mainly the Bureau of Yards and Docks) or to the Bureau of Construction and Repair from other bureaus, and statements rendered in connection with settlement of such transfer accounts. Unarranged.

ACCOUNTS OF MATERIALS. July 1867-Sept. 1869; July 1875-Oct. 1876.
2 vols. 2 in. 375
These volumes show name of vessel and, for each month, the money value
of material in the vessel's departments and the total money value. Ar-
ranged chronologically (one volume for the period July 1867-September 1869
and one for the period July 1875-October 1876) and thereunder by name of
vessel, with indexes to names of vessels in the volumes.

ACCOUNTS FOR LABOR. July 1867-Jan. 1870; July 1875-Oct. 1876.
2 vols. 2 in. 376
These volumes show name of vessel and cost of labor in each of the
vessel's departments. Arranged chronologically (one volume for the pe-
riod July 1867-January 1870 and one for the period July 1875-October 1876)
and thereunder by name of vessel.

EXHIBITIONS FOR FUNDS BY THE PAYMASTER'S OFFICE AT BALTIMORE, MD.
1868-69. 1 vol. 1/4 in. 377
This volume contains correspondence and purchase certificates from
the Paymaster at Baltimore to the Chief of the Bureau of Construction
and Repair relating to the payment of bills for lumber, paints, tools,
and miscellaneous supplies used aboard various vessels. The kind, quan-
tity, and cost of these materials are shown. Arranged in roughly chrono-
logical order.

RECORDS RELATING TO THE NAVAL STATION AT MOUND CITY, ILL. 1869-71.
2 in. 378
Requisitions for funds under Bureau of Construction and Repair appro-
priations; exhibits showing quarterly transactions with funds, abstracts,
or copies of vouchers; exhibits showing expenditures by station on ves-
sel; and an abstract of inspections showing supplies inspected and ap-
proved for purchase at the station. Unarranged.

BILLS AND RELATED CORRESPONDENCE. 1870-93. 3 ft. 379
Bills for supplies and services, transportation and freight, and news-
paper advertisements, with some correspondence in explanation of the
bills and certifications as to their correctness. Unarranged.

ACCOUNTS WITH CONTRACTORS. 1871-72. 1 vol. 1/2 in. 380
This volume shows name and address of contractor and thereunder date
of contract, navy yard (apparently the yard to which deliveries were to
be made), amount delivered, date and amount of bill, amount of 20 per-
cent reservation, net amount, and date and place of payment. Arranged
alphabetically by initial letter of contractor's name, with a list of
contractors in the front of the volume.

ABSTRACT OF MONTHLY EXPENDITURES ON THE KEARSARGE. Dec. 1873-Dec. 1877.
1 vol. 1 in. 381
This volume shows date of expenditure, name of articles, quantity,
price per unit, total cost, and signatures of the Executive Officer and
the Commanding Officer. Arranged chronologically.

RECORD OF INSTALLMENT PAYMENTS ON CONTRACTS FOR VESSELS. 1873-89.

1 vol. 1/2 in.

382

Shows name of vessel, by whom built, place it was built, numbers of installment payments, amount paid and amount reserved on each installment, total amount of reservation, and total amount paid. The later entries also show service for which payment was made, such as hull, machinery, labor, and extra work. Arranged chronologically, with an index to names of vessels and shipbuilders.

RECORD OF PURCHASES ON THE RICHMOND. -1878-81. 1 vol. 1/4 in.

383

Consists of monthly and quarterly reports of expenditures of the construction department of the vessel listing articles purchased, together with their quantity and cost. Arranged chronologically.

REPORTS OF EXPENDITURES ON VESSELS. 1882-94. 3 vols. 5 in.

384

Quarterly reports of expenditures for labor and material showing name of vessel and amounts expended on the hull, masts and spars, boats, and other equipment. Arranged chronologically, with indexes to names of vessels in the volumes.

BILLS FOR THE CHICAGO, THE BOSTON, AND THE ATLANTA ("TRIPPLICATE BILLS").

1885-87. 3 vols. 7 in.

385

Bills for supplies, equipment, and material showing date, name of firm furnishing items and name of vessel for which furnished, items furnished, quantity and cost of items, certification by the naval constructor at Chester, Pa., of inspection, certification as to correctness by the Naval Advisory Board, and approval of the Chief of the Bureau of Construction and Repair. One volume relates to the Atlanta only; the other two volumes relate to all three vessels. Arranged chronologically.

RECORD OF ADDITIONAL COSTS ALLOWED BY BOARDS ON CHANGES. 1887-1900.

7 vols. 8 in.

386

These volumes relate to a number of vessels. They show date and number of superintending constructor's letter recommending change, nature of change recommended, estimated cost, date the Bureau authorized change and date it was referred to the board on changes, action of the board, amount allowed, remarks, and date of payment. Since the vessels were being constructed at a number of shipbuilding companies, these volumes were apparently compiled in the Bureau. Arranged by name or class of vessel and thereunder chronologically, with indexes to names of vessels in the volumes.

"CONSOLIDATED REPORTS OF VESSELS." 1889-91. 1 vol. 1 in.

387

This volume relates to a number of vessels. It shows name of vessel and thereunder amount brought forward, and two columns of figures (without headings but denoting money) after each month. The volume is not further identified. Arranged by name of vessel and thereunder chronologically.

STATEMENTS OF THE TRANSFER OF ACCOUNTS FOR STORES AT THE NEW YORK NAVY YARD. 1890. 1 in.

388

Monthly statements, submitted to the Bureau of Construction and Repair,

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The transfers of stores from one appropriation to another showing the appropriation from which and to which transferred, class of articles and quantity transferred, unit price, and total cost of stores transferred, and accompanying notifications from the Bureau of Construction and Repair to the Fourth Auditor of the Treasury Department. Arranged chronologically.

INDEX OF PAYMENTS ON CONTRACTS FOR SHIPS. 1890-98. 2 vols. 3 in.

389

Shows name of ship, date and amount of contract, date the contract was to be completed, and usually name of contractor. The payments made under the contract are listed by date and number, with amounts for hull, machinery, reservation, and extra work indicated and totaled. Arranged by name of vessel. In the front of each volume is an index to names of vessels, arranged alphabetically by initial letter of name of vessel.

BILLS FOR THE "IRON" NAVY. 1890-1914. 30 vols. 5 ft.

390

Bills for the construction of vessels authorized during the rebuilding of the Navy which took place after 1882, showing date, name of shipbuilder, firm, date of contract, name of vessel, payment installment number, amount due for work on the hull and machinery, amount of reservation, and amount payable. Included are certifications by the Inspector of Hulls and the Inspector of Machinery that the work had progressed sufficiently to entitle the contractor to payment, a certification as to the bill's correctness by the Chief of the Bureau of Construction and Repair and the Chief of the Bureau of Steam Engineering, and a notification of approval by the Secretary of the Navy. The volumes are arranged in part chronologically and in part by class of vessel, except that one volume contains bills from the Columbian Iron Works and Dry Dock Co., Baltimore, Md., only, and another volume contains bills from the Fore River Shipyard, Quincy, Mass., only. Arranged by name of vessel and thereunder by number of installment payment.

MONTHLY REPORTS OF EXPENDITURES AT NAVY YARDS. Apr. 1896-June 1909.

9 vols. 2 ft.

391

Show name of navy yard, date of report, title of appropriation, object of expenditure, amount spent on labor and material, total amount of expenditures, and remarks. The navy yards covered and the inclusive dates of the reports are as follows: Norfolk, Va., and League Island, Philadelphia, Pa., April 1896-June 1901; Cavite, Philippine Islands, July 1901-June 1905; Boston, Mass., Portsmouth, N. H., Washington, D. C., and Mare Island, Calif., April 1896-June 1905; and New York, N. Y., July 1901-June 1909. Arranged by name of navy yard and thereunder chronologically.

INDEX OF THE COST OF WORK DONE ON VESSELS. 1899-1904; 1908-11. 3 vols. and 1 index vol. 1 ft.

392

Shows name of vessel, date work was performed, navy yard or station where work was performed, amount spent each month on vessel's hull and on supplies and equipage for the vessel, and total amount spent each month. The volumes are arranged chronologically and the material within them is arranged alphabetically by name of vessel. Each volume contains an index to names of vessels. There is a separate index volume, arranged

alphabetically by name of vessel, showing volume number (A-1 to A-9) and page number. Only three volumes of this series have been found.

ANALYSIS OF EXPENDITURES UNDER STANDING JOB ORDERS AT NAVY YARDS. 1904. 1 pamphlet. 1/4 in. 393

This pamphlet shows job order number, purpose of expenditure (for clerical force, drafting, leave and holidays, foremen and quartermen, tests and experiments, and minor repairs to yard craft) and thereunder name of navy yard, cost of labor and material, and total cost. The analysis is followed by a list of standing job orders and instructions regarding them.

RECORD OF EXPENDITURES UNDER APPROPRIATION FOR A CONSTRUCTION PLANT. 1906-8. 1 vol. 1/2 in. 394

Shows name of navy yard or naval station, amount appropriated, amounts obligated for labor and materials, requisition number and amount of funds requisitioned, amounts expended under the contract, and actual expenditures for labor and materials. Arranged by name of navy yard or naval station and thereunder chronologically.

ESTIMATES AND ALLOTMENTS OF FUNDS FOR LABOR AND MATERIAL AT NAVY YARDS AND NAVAL STATIONS. Mar. 1907-Feb. 1913. 2 vols. 2 in. 395

These volumes show amount of funds estimated and amount approved each month under appropriations for the various yards and stations. Arranged chronologically by year, thereunder according to the headings "Labor" and "Material," and thereunder by name of navy yard or naval station.

RECORD OF EXPENDITURES AT NAVY YARDS AND NAVAL STATIONS. 1907-14. 7 vols. 1 ft. 396

These volumes contain monthly estimates of appropriations required for the construction and repair of vessels at various navy yards and naval stations, and monthly statements of funds allotted and expended for materials and labor. Arranged by name of navy yard or naval station and thereunder chronologically.

ESTIMATES OF FUNDS FOR THE NAVAL STATIONS AT CAVITE AND OLONGAPO, PHILIPPINE ISLANDS. 1915-16. 1 in. 397

Memoranda from the commandants giving general estimates of funds necessary for labor and materials and detailed estimates for labor showing names of vessels to be worked on and the cost for each, reports of actual amounts spent the previous month for labor and materials, and copies of replies from the Bureau. Some of the estimates relate to Cavite only, some to Olongapo only, and some are combined estimates for both stations. Arranged chronologically.

ESTIMATES AND ALLOTMENTS OF FUNDS FOR ISSUE TO SHIPS UNDER THE NAVAL SUPPLY ACCOUNT. July 1912-Feb. 1913. 1 vol. 1 in. 398

This volume shows amount of funds estimated and amounts allotted each month under various appropriations at navy yards and naval stations. Arranged chronologically.

REQUISITIONS FOR FUNDS AND RELATED CORRESPONDENCE. 1915-18. 3 ft. 399

Requisitions for funds for the procurement of materials and supplies

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construction and repair work at various navy yards, together with
assistance concerning appropriations and available funds for service
construction work, requests for changes in fund allotments, and the
total of unexpended balances. Arranged by name of navy yard, with
miscellaneous corrections at the end of the series.

EXPENDITURE REGARDING ALLOTMENT OF FUNDS FOR THE NAVAL STATION AT
PANAMA, FLA. 1916. 1 in.

Letters from the commandant of the naval station to the Bureau of
Construction and Repair requesting allotments under appropriations stating
total amount requested, with detailed estimates, and copies of memoranda
and telegrams from the Bureau authorizing these allotments. Arranged
chronologically.

CASHBOOKS. 1936-39. 2 vols. 3 in.

Cash items and quantities purchased, their cost, and unidentified sur-
plus pertaining to the items. These cashbooks relate to routine supplies,
many of which are connected with painting. They are not further identi-
fied.

Miscellaneous Records

INVOICES AND BILLS OF LADING. 1842-88. 27 vols. 6 ft.

Invoices of stores showing by whom and to whom shipped, name of vessel
in which shipped, articles shipped, and quantity and cost of articles,
with accompanying bills of lading for their transportation. Arranged
chronologically.

RECORDS RELATING TO SUPPLIES AND ACCOUNTS. 1844-90. 2 ft.

Approved bills for supplies furnished the steamers General Taylor and
Colonel Harney; papers pertaining to advertising for proposals to furnish
supplies or equipment; memoranda regarding characteristics, cost, or op-
eration of certain materials or equipment; a few papers pertaining to
transportation costs; accounts, for 14 months, of the storekeeper at
Shanghai, China, sent to the Bureau for review; memoranda concerning vari-
ous office supplies, furniture, and equipment and proposals to furnish
them; requisitions from various vessels for supplies from the Bureau;
papers pertaining to supplies and contracts for iron, timber, coal, and
billiard cloth; papers pertaining to open-purchase requisitions; a table
of data on itemized foods required for 200 men for 3 months; bills for
various items, including magazine subscriptions, electric bells, and
other fans; and papers pertaining to sale of old equipment or property.
Arranged.

LISTS OF NEWSPAPERS AUTHORIZED TO PUBLISH ADVERTISEMENTS. 1853-73.

1 vol.

This volume contains lists of newspapers which published proposals for
bidding bids for lumber, steam machinery, armor plating, and naval sup-
plies, and advertisements on the sale of vessels and the salvaging of
wrecks. The lists show dates of publication and cost. In many instances,
clippings of sample advertisements are included. Arranged in roughly
chronological order.

PROPOSALS AND ADVERTISEMENTS OF SALES. 1854-39. 1 vol. 2 in.

Proposals inviting bids for supplying coal, iron, other naval stores, and ships machinery, and advertisements of naval vessels for sale. They are newspaper clippings pasted in the volume. Arranged chronologically.

CONSTRUCTION ACCOUNT OF MACHINERY. Mar. 1869. 1 vol. 1 in.

This volume relates to the plumber's department (vessel unidentified). It contains descriptions of items of machinery, with their money value, and information concerning their condition. Arranged by division of the plumber's department (finishing shop, foundry, coppersmith's shop, and tin shop) or by type of machinery, such as ordnance machinery.

RECORDS RELATING TO THE BROOKLYN. 1874-76. 3 in.

Requisitions for supplies under the Bureau of Construction and Repair, monthly reports of expenditures in the carpenter's department of the ship, invoices of Bureau of Construction and Repair supplies delivered to the vessel, records of surveys held on wornout tools and other Bureau equipment, and records of Bureau supplies furnished by the Brooklyn to other vessels on requisition. Unarranged. L07

SCHEDULE OF TOOLS REQUIRED FOR THE NEW YORK NAVY YARD. 1889.

1 pamphlet. 1/4 in.

A printed pamphlet of the Bureau of Construction and Repair showing articles and quantities. Arranged numerically by article number. L08

INDEX TO CLASSIFICATION OF NAVAL STORES. 1892. 1 vol. 1/4 in. L09

This index is a publication of the Navy Department listing all types of naval stores and supplies and giving their classification numbers and appropriate page numbers in the "Report of the General Storekeeper" and the "Grand Stock Ledger" maintained by the Bureau of Provisions and Clothing. Arranged alphabetically by name of store.

NAVY ESTIMATES FOR EXPENDITURES CHARGEABLE TO GREAT BRITAIN. 1907-8.

1 vol. 1 in.

This volume contains estimates of funds in British currency for all expenditures chargeable to the Admiralty. The estimates are given in considerable detail. There is a table of contents in the front of the volume; and there is an index at the back, followed by a "Statement of First Lord of the Admiralty Explanatory of the Navy Estimates, 1907-1903." The volume was printed in London in 1907 and was received by the Bureau of Construction and Repair in the same year. L10

RECORD BOOK RELATING TO EQUIPMENT. Feb.-July 1909. 1 vol. 1 in. L11

In this volume, under four headings--Steam Engineering, Ordnance, Equipment, and Yards and Docks--are listed dates, numbers, items (such as steam generators and condenser tubes), and frequently names of navy yards. The volume is not identified. It may be a record of items sent by the four Navy Department bureaus mentioned above to navy yards for use by the Bureau of Construction and Repair.

REPORTS OF MATERIAL SHIPPED. 1910-11. 2 ft.

Copies of reports of inspectors of naval material forwarded to the L12

Bureau of Construction and Repair showing inspection district, name and address of contractor, name and address of manufacturer, place from which shipped and method of shipment, station of supply officer to whom contracted, contract and schedule number, description of material shipped, number of pieces and weight, date of inspection, and date shipment was authorized. A few reports are dated in 1941 and are addressed to the Bureau of Ships. Unarranged.

DATA RECORD RELATING TO SUPPLIES AND EQUIPMENT. n.d. 8 in. 413
Cards showing name and address of firm, subject (various types of supplies and equipment) and number (such as 1-5, 2-3). Some of the cards give only the subject and the name and address of firm. This record has not been identified. Arranged alphabetically by name of firm or subject.

Records Relating to Personnel

MISCELLANEOUS PAPERS RELATING TO PERSONNEL. 1845-74. 1 in. 414

A memorandum regarding the method of calculating quarterly salaries; a protest of Mare Island Navy Yard laborers against a proposed reduction in wages; a letter requesting reinstatement of an employee at Portsmouth Navy Yard; a letter from a store clerk requesting promotion to storekeeper at a navy yard; and a memorial petitioning that its author be commissioned a lieutenant on the retired list because of wounds. Unarranged.

PROCEEDINGS OF BOARDS TO EXAMINE APPLICANTS FOR APPOINTMENT AS ASSISTANT NAVAL CONSTRUCTORS. 1863; 1866. 2 in. 415

Proceedings of two boards, one in session from April 28 to May 2, 1863, and the other in session from February 6 to March 3, 1866. The former record of proceedings is accompanied by a copy of the examination questions and the applicant's answers, together with letters recommending the applicant. The latter record is accompanied by items of correspondence pertaining to the board's activities. Unarranged.

REPORTS OF GENERAL SERVICE EMPLOYMENT AT NAVY YARDS. 1863-68. 4 in. 416

Monthly reports listing occupations at the Philadelphia, Boston, and Norfolk Navy Yards, with brief statements of the nature of the services assigned to general service or to general purposes for the period of the report, the number of days involved for each occupation, and the wage rate of the services in each case. Arranged by name of navy yard and thereunder chronologically.

REPORTS ON THE NUMBER OF EMPLOYEES AT NAVY YARDS. 1865-66. 3 in. 417

Show by class or occupation the number of employees on the payroll chargeable to the Bureau of Construction and Repair for the period of the report. The navy yards represented by reports are Boston, New York, Portsmouth, and Philadelphia. The reports for the Boston Navy Yard are complete for the period February-December 1866 and those for the other navy yards are complete for the period December 1865-December 1866. Arranged by name of navy yard and thereunder chronologically.

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MISCELLANEOUS RECORDS RELATING TO ASSISTANT NAVAL CONSTRUCTORS. 1865-85. 8 in. 418

Letters of application for appointment as assistant naval constructor, letters recommending applicants for appointment, letters of applicants concerning their application or examination, and a few papers recommending the promotion or petitioning for the transfer of certain assistant naval constructors. Unarranged.

EXAMINATION PAPERS OF APPLICANTS FOR APPOINTMENT AS ASSISTANT NAVAL CONSTRUCTORS. 1866-74. 2 ft. 419

Contain the examination questions and the applicant's answers. Usually accompanying the question-and-answer sheets are a physician's certificate stating that the applicant was physically qualified for the position, testimonial letters as to his character, and sometimes a certificate stating that the applicant was employed at a navy yard. Arranged alphabetically by name of applicant.

PAYROLLS AND PAYROLL SUMMARIES OF EMPLOYEES AT THE MARE ISLAND, CALIF., NAVY YARD. July 1867-Dec. 1868. 1 vol. 2 in. 420

Monthly payrolls of employees under the Bureau of Construction and Repair showing name, occupation, number of days worked, rate of pay per day, aggregate amount of pay, and amount due and paid; and monthly payroll summaries showing vessels under construction, number of employees in each occupation working thereon, and amount paid to employees in each occupation. This volume was forwarded to the Bureau in 1868. Arranged chronologically.

RETURNS AND REPORTS OF APPRENTICES. 1867-86. 10 in. 421

Semiannual returns of apprentices and minors under instruction at various navy yards showing their names, dates and places of birth, trades, pay, proficiency, and dates of indenture; and reports of examinations of applicants for apprenticeships listing those who applied and those who were recommended. Arranged in roughly chronological order.

REPORTS OF BOARDS TO EXAMINE APPLICANTS FOR APPOINTMENT AS ASSISTANT NAVAL CONSTRUCTORS. 1868-77. 2 in. 422

These three reports, dated January 18, 1868, March 19, 1873, and September 24, 1877, respectively, are as follows: a report on the examination of an assistant naval constructor for promotion to naval constructor; and a report on the examination of an applicant for assistant naval constructor. Included are a copy of the examination questions, the applicant's answers, and testimonial letters recommending the applicant. Unarranged.

RATES OF WAGES PAID EMPLOYEES IN THE NAVAL CONSTRUCTORS' DEPARTMENTS AT NAVY YARDS. 1868-94. 1 vol. 1 in. 423

This volume shows title of position, class, and daily rate of pay. Arranged chronologically by quarter of the year, with an index in the front of the volume arranged alphabetically by initial letter of title.

LETTERS RECEIVED REGARDING EMPLOYMENT AT NAVY YARDS. 1872-83. 3 ft. 424

Letters of application and recommendation addressed to the Bureau or

... to it by other Government agencies and Congressmen; testimony regarding employees and recommendations regarding promotions; and lists from navy yards regarding the retention of employees. Arranged by name of navy yard and in part unarranged.

LETTERS AND TELEGRAMS RECEIVED BY SENATOR A. H. CRAGIE OF NEW HAMPSHIRE IN THE JOHN D. SWAIN CASE. Apr. 1875. 2 in. 425

Letters and telegrams in favor of reinstatement of Swain as a master gunneler at the Portsmouth Navy Yard. Many of them indicate that the action of Swain's reinstatement was involved in local politics. Unarranged.

BOOKS OF APPRENTICES EMPLOYED AT NAVY YARDS. 1879-93. 1 vol. 2 in. 426

This volume contains the names of apprentices at various navy yards. It shows for each apprentice his date and place of birth, name of parent or guardian, dates of appointment and discharge, and data on proficiency and conduct. Arranged in roughly chronological order by date of appointment. There is an index arranged alphabetically by initial letter of apprentice's name.

REPORTS OF PERSONNEL EMPLOYED AT NAVY YARDS. 1885-87. 3 in. 427

Reports of carpenters, blacksmiths, machinists, and shophands employed in navy yards, showing number of men employed in specific trades, their names, their length of employment, and related information. Unarranged.

TIME SLIPS OF EMPLOYEES. 1901. 6 in. 428

Daily time slips of Bureau employees in Washington, D. C., showing date, time of arrival, how employed, time of departure, and name of employee. Arranged chronologically.

Miscellaneous Records

RECORDS RELATING TO INVENTIONS AND PATENTS. 1866-85. 2 ft. 429

A letter from the builder of the Ettah freeing the Government of any claim arising in connection with any patent dispute; a letter relating to a claim made in connection with a patent for galvanizing iron; papers pertaining to steam rudders; a memorandum and papers regarding infringement of a patent in building the Onandaga; specifications of a derrick used for hoisting torpedo boats; a memorandum regarding steam capstan machinery; a copy of the patent certificate granted an inventor of steering apparatus; synopses of correspondence regarding Kunstadter's patented screw; a letter concerning Colonel Gowan's diving apparatus; correspondence regarding a new drier for paint; papers pertaining to new types of propellers; papers relating to a patented rowlock and to its inventor; correspondence concerning improved apparatus for expelling water from ships' holds; papers pertaining to an improved timber-bending machine; papers relating to automatic sounding apparatus; papers containing information regarding an improved dry dock; a letter in German concerning a submarine; specifications of a patent for bending and refining steel; letters from Charles Perley for an improved hawsepipe stopper; papers pertaining to a patented ship carpenter's ladder; specifications and drawings

of Voorhees' patented steering apparatus; a pamphlet on preserving lumber by vulcanizing; papers pertaining to an improved lifeboat; and a report of the commanding officer of the Monongahela on Robey's automatic pump and ventilator. Unarranged.

SPECIFICATIONS FOR MACHINERY OF DESPATCH STEAMER FOR THE EASTERN BENGAL STATE RAILWAY. 1886. 1 vol. 1/2 in. 430

This volume contains a statement of the conditions of the contract and specifications for the machinery of a steamer to be built in England. It bears the bookplate of the Reference Library of the Bureau of Construction and Repair.

RECORDS RELATING TO SUBSCRIPTIONS FOR TECHNICAL JOURNALS FOR THE DRAFTING ROOM. Nov. 1886-May 1889. 1 vol. 1/4 in. 431

Copies of letters sent to and received from publishers concerning the ordering, renewal, or payments for subscriptions; receipts and notices of expirations of subscriptions; and lists showing collections from draftsmen for payment for subscriptions. Arranged in roughly chronological order.

NEWSPAPER CLIPPINGS FROM THE LONDON TIMES. 1886-93. 1 vol. 2 in. 432

Editorials and articles on the following: ships' equipment and armor; the construction, launching, and performance of individual ships of the British Navy; naval maneuvers; and various subjects relating to the British and other navies. Arranged chronologically.

NEWSPAPER CLIPPINGS RELATING TO NAVAL MATTERS. 1888-89. 1 vol. 1/4 in. 433

A scrapbook (labeled "draughting Room Scrap Book") containing newspaper clippings--mostly from the Baltimore Sun--on such subjects as contracts for torpedo boats, machinery for naval vessels, importance of a naval reserve, theoretical shipbuilders, and an increase of the navy. Arranged in roughly chronological order.

PHOTOGRAPHS. 1889-95. 9 in. 434

Most of these photographs are of furniture and equipment for vessels, but there are also a few photographs of persons, action scenes on board vessels, and construction work at navy yards. These photographs were received as enclosures to correspondence and bear the file numbers of the correspondence with which they were enclosed. Unarranged.

RECORDS OF THE SECRETARY OF THE ASSOCIATION OF AMERICAN DRAFTSMEN. 1892-1900. 2 ft. 435

These records were kept by William T. Jones of the Bureau of Construction and Repair as secretary of this association, which was organized on January 1, 1892. They consist of printed copies of the constitution, letters received concerning membership and the payments of dues, a directory showing the names and addresses of members and their places of employment, a journal of receipts and expenditures, and a record of the payment of dues. Most of the material is dated in 1896-97. Unarranged.

EDUCATION BOOK. n.d. 5 in. 436

This book was apparently maintained for the information of a

constructor. It appears to have been compiled in the 1890's, but not further identified. The cards show a subject relating to the construction or equipping of naval vessels, sometimes the name of a specific vessel, and information of a general or technical nature about the vessel. Arranged alphabetically by subject.

BOOK. 1899. 1 vol. 2 in. 437

Contains clippings from American and foreign newspapers relating to the construction and launchings of ships and other matters of interest to the Navy; pictures, jokes, and cartoons clipped from newspapers, some of which have connection with the Navy; and biographical articles on Rear Admirals Philip Hichborn and Charles O'Neil, apparently clipped from magazines. There are only a few pages in the volume, with no particular arrangement.

INDEX TO PHOTOGRAPHS. Jan. 1906. 1 vol. 1/4 in. 438

The title sheet to this volume shows it to be an index of photographs filed in the Bureau of Construction and Repair in January 1906. The index gives name of vessel or navy yard, box number in which the photograph of it was filed, and sometimes a file number and a date. The dates vary from 1890 to 1905. Arranged in two series and thereunder alphabetically by initial letter of name of vessel or navy yard, except that in the first series the entries relating to navy yards and drydocks are under the letter "N." Loose in the volume are a few orders for photographs or prints, dated in December 1917, from the Bureau of Construction and Repair to the Construction Officer at the Washington Navy Yard.

TRANSLATION OF "ARTILLERY EXPERIENCES OF THE RUSSO-JAPANESE NAVAL WAR AND THE DEVELOPMENT OF SHIP-ARMAMENT IN DIFFERENT COUNTRIES SINCE THE WAR." 1907. 1 vol. 1/4 in. 439

A copy of a translation of an article taken from the Artillristische Monatshefte, January and February 1907. The translation was made available by the Army War College in September 1907.

PHOTOGRAPHS OF METAL FURNITURE. 1908. 1 vol. 1/2 in. 440

This volume contains photographs of berths, desks, wardrobes, lockers, and tables (apparently suitable for installation on shipboard) from the Metal Construction Co. There is an index in the front of the volume.

FLAGS OF MARITIME NATIONS. 1914. 1 vol. 1 in. 441

Color prints of national, diplomatic, and naval flags and badges of the United States, and other countries and their colonial possessions; and an historical account of the flag and seal and arms of the United States. Arranged alphabetically by name of country (except that the United States precedes all other countries), with an index to countries.

FLAGS OF FLAGS AND PENNANTS OF THE UNITED STATES NAVY AND OF FOREIGN NAVIES. 1914-30. 2 ft. 442

Flags of flags of the Secretary and Assistant Secretary of the Navy, mission pennants of vessels, Naval Reserve flags and pennants, International Code alphabet pennants, and pennants of foreign navies. Unarranged.

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PAPERS RELATING TO THE WAR GAS INVESTIGATIONS UNIT OF THE BUREAU OF MINES, DEPARTMENT OF THE INTERIOR. 1917-18. 5 in. ll

Copies of progress reports, reports of tests and technical reports regarding types of gases and gas masks, reports of committees established to study types of gases, and translations of reports of foreign countries on the use of gases in warfare. Unarranged.

The War Gas Investigations unit was a research organization begun by the Bureau of Mines with its own funds before July 1917 and continued thereafter under authority of appropriations made for the Army and Navy but allocated to the Bureau of Mines. The duties of the organization were to study the use of noxious gases in warfare. On June 25, 1918, the War Gas Investigations unit in the Bureau of Mines was abolished and its functions and personnel were transferred to the War Department.

CARD RECORD OF CLAIMS BEFORE THE UNITED STATES SHIPPING BOARD. 1922. 2 in. lll

Cards showing name of firm, amount claimed, amount awarded, date, name of attorney, serial and docket numbers, and whether claim was approved or disapproved by the United States Shipping Board. The records to which these cards refer have not been found. Arranged alphabetically by name of firm.

RECORDS RELATING TO TECHNICAL BULLETINS. 1929. 2 in. ll5

Proof sheets, photographs, negatives, and working papers for Technical Bulletins Nos. 6-29. Unarranged.

INDEX. n.d. 1 vol. 1 in. ll6

A subject index (a few names are also included) giving the subject followed by two sets of numbers, the first of which is probably the volume number and ranges from 5-9, and the second of which is probably the file number. The correspondence referred to is believed to be dated about 1895. The volume is not further identified. Arranged alphabetically by initial letter of subject.

REPORT ON PROPELLERS. n.d. 1 vol. 1 in. ll7

A narrative account of actions of propellers under various conditions, with mathematical calculations and diagrams. No author is given and the volume is not further identified.

RECORDS OF DIVISIONS OF THE OFFICE OF THE CHIEF OF THE BUREAU

Records of the Design Division

The functions of this Division were as follows: to prepare designs for new vessels and for large alterations in completed vessels, to prepare estimates of costs for new construction, and to cooperate with the Contract Division in the preparation of the technical features of circulars and contracts. In 1930 the Design Division was abolished and its duties were taken over by the newly created Division of Design and Construction. Some of the records of the two divisions were maintained as single series.

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RECORDS RELATING TO THE WEIGHT AND STABILITY OF SHIPS. 1912-40. 27 ft.

Reports, memoranda, correspondence, working papers, graphs, and calculations relating to weights and stability in connection with designs of ships and the modernization of battleships. Arranged numerically. In the numerical arrangement the arrangement is by type of ship (battleship, aircraft carrier, destroyer, submarine, cruiser, or miscellaneous vessel, the latter type arranged alphabetically by name of vessel). After these records is a miscellaneous class of material consisting of instructions for the preparation of cost estimates, tables of weights, stability data for various ships, blueprints containing structural data, designs of metal furniture, memoranda concerning personnel of the draft room, and correspondence with private individuals concerning proposed designs for ships and publications. In the miscellaneous class there are a few items dated in early 1941, which are records of the Shipbuilding Division of the Bureau of Ships, and there is one item dated in 1909.

PRELIMINARY DESIGN DATA FOR NAVAL VESSELS. 1914-27. 17 ft.

Papers relating to proposed designs for all types of naval vessels. They consist of sketches and drawings, statements of dimensions and weights, cost data, data concerning protective devices, various types of calculation sheets, memoranda to and from other Navy Department offices concerned with the designs, and rough working papers. Arranged numerically by design number.

Records of the Camouflage Section of the Maintenance Division

During World War I the question of painting vessels in order to lessen the danger of submarine attack affected the United States Shipbuilding Board as well as the Navy Department. To avoid the development of duplicate organizations an arrangement was made with the Emergency Fleet Corporation by which the Bureau of Construction and Repair was responsible for the preparation of camouflage designs for all vessels and for research work on protective painting, and the Emergency Fleet Corporation superintended the application of camouflage designs to all vessels. A Camouflage Section was established in the Maintenance Division of the Bureau of Construction and Repair to direct the Bureau's camouflage activities. Research in camouflage was carried on at the Research Laboratory of the Eastman Kodak Co., Rochester, N. Y.

REPORT ON NAVAL CAMOUFLAGE. 1917. 1 vol. 1 in.

A report by the Director of the Camouflage Training School containing information on the principles of camouflage, camouflage systems, and camouflage for submarines, together with paintings of camouflage designs by the students at the training school. Arranged by subject.

CORRESPONDENCE WITH THE RESEARCH LABORATORY, EASTMAN KODAK CO., ROCHESTER, N. Y. 1918. 1 in.

Letters, memoranda, and reports exchanged between the Chief of the Camouflage Section and naval officers and others at the laboratory. They concern research problems, designs, materials, and camouflage systems. Arranged.

CORRESPONDENCE WITH BUSINESS FIRMS. 1918. 1/2 in.

Letters received and copies of letters sent by the Chief of the Camouflage Section to business firms concerning samples of preservative coatings and paint, spraying devices, pressures, and other technical matters. Arranged by name of firm.

REPORT ON MARINE CAMOUFLAGE. 1919. 1 vol. 1 in.

A report by Lieut. Harold Van Buskirk entitled "The Development of Marine Camouflage and Tests Relating Thereto." It contains information concerning camouflage systems developed before World War I, the Submarine Defense Association, and suggested systems of camouflage. Arranged by subject, with a table of contents.

CAMOUFLAGE DESIGNS. 1917-19. 4 ft.

Drawings of vessels showing camouflage designs, some in colors and others in black and white. Arranged numerically in two series, one for naval vessels (the numbers on these are preceded by the letter "N"), and one for United States Shipping Board vessels.

WATER COLORS AND CUTOUTS. 1917-19. 3 in.

Paintings illustrating camouflaged vessels and the use of perspective, and cardboard cutouts in the shape of ships painted with camouflage. Unarranged.

BRITISH CAMOUFLAGE DESIGNS. 1917-19. 6 in.

Drawings of vessels showing British types of camouflage designs. Arranged numerically.

MISCELLANEOUS PRINTS AND DRAWINGS. 1917-19. 3 in.

Pilot charts of the North Atlantic Ocean prepared by the Hydrographic Office, ozalid prints, and plans of vessels unrelated to camouflage. Unarranged.

RECORD RELATING TO PLANS AND PHOTOGRAPHS OF VESSELS. 1918. 1/2 in.

Shows name of vessel, its status (whether operated for the Army or Navy or turned over to the Shipping Board, and service to which assigned, detached, or not yet commissioned), plans or photographs available, and dates the designs of ship were prepared. Arranged alphabetically by name of vessel.

PHOTOMETER MATERIALS. 1918. 2 ft.

Calibrations, drawings, diagrams, and posters relating to the measurement of luminous intensity. Unarranged.

LOGS OF SKY BRIGHTNESS AND COLOR. Nov. 1918-Apr. 1919. 1 vol. 1 in.

Logs kept by observers for several voyages showing time of observations (entries were made every 5 or 10 minutes), humidity, barometer reading, force and direction of wind, condition of sky, photometer (weather coefficient and brightness of target) and colorimeter readings, remarks, conclusions, and name of observer. Arranged chronologically.

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461
Bills for artists' supplies and for other supplies, and orders for
paint of ships. Unarranged.

462
INCIDENTAL RECORDS. 1918. 1/2 in.

463
Personnel lists of the Camouflage Section, memoranda from the War De-
partment regarding camouflaged ships, and a list, dated November 25,
1918, of American merchant vessels sunk since the beginning of the war.
Unarranged.

FIELD RECORDS

464
CORRESPONDENCE CLASSIFICATION SCHEME FOR THE BATH IRON WORKS, BATH,
ENGLAND, AND THE NEWPORT NEWS SHIPBUILDING AND DRY DOCK CO., NEWPORT
NEWS, VA. n.d. 2 in.

465
Cards showing subjects and their classification numbers. The main
subjects are indicated by one or two digits, such as 13 for fittings and
71 for reports. Additional numbers are added to indicate more detailed
breakdowns under the main subject, such as 1340 for telephones and voice
pipes and 711 for progress reports. The numerical order is determined
by the first two numbers; correspondence filed under number 1311421 pre-
cedes correspondence filed under 20. Although no dates or names of ship-
yards are shown, this classification scheme applies to correspondence of
the superintending constructor at the Bath Iron Works, 1901-20 (see en-
tries 466, 470, 475, 477, 481, 493, 494, 498, 502, 504 and 508) and at
the Newport News Shipbuilding and Dry Dock Co., 1896-1916. (see entries
763, 765, 770, 777, 781, 784, 788, 792, 796, 801, 806, 810, 815, 818, 824,
821, 829, 832, 834, 836, 839, and 847). It is also the same type of
classification scheme as the one used by the superintending constructor
at the New York Shipbuilding Co., Camden, N. J., and in two instances by
the superintending constructor at the Neafie and Levy Shipyard, Phila-
delphia, Pa. Only a few of the subject numbers differ in the two schemes.

466
NEWPORT NEWS CORRESPONDENCE CLASSIFICATION SCHEME FOR THE BATH IRON WORKS
AND THE NEWPORT NEWS SHIPBUILDING AND DRY DOCK CO. n.d. 2 in.

467
Cards relating to the correspondence classification scheme described
in entry 463, showing main subjects and numbers assigned to them and
thereunder subnumbers and subjects to which they relate. Arranged nu-
merically. There are two sets of cards which generally duplicate each
other, except that some numbers appear in one that do not appear in the
other.

Records of the Baltimore District

The Baltimore District, in charge of a superintending constructor,
included the steelyards of the Bethlehem Steel Corp., Sparrows Point, Md.,
the Baltimore Dry Dock and Shipbuilding Co., Baltimore, Md., and the Vir-
ginia Shipbuilding Co., Alexandria, Va., and the yard of Charles L.
Hill and Sons, Baltimore, Md. All construction and repair work for the
Navy Department at these firms was directly under the superintending con-
structor of the Baltimore District.

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GENERAL CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1918-19. 3 in. ⁴⁶⁵

Letters, telegrams, and endorsements received and copies of those sent and related papers. Arranged alphabetically by subject. There is also "Daily Information" file consisting of copies of correspondence sent, arranged chronologically. Most, if not all, of the correspondence in the "Daily Information" file is duplicated in the subject file. The correspondence relates for the most part to the activities of the superintending constructor in his capacity as superintendent of the construction of mine sweepers by the Baltimore Dry Dock and Shipbuilding Co., Baltimore, Md. A few letters, however, pertain to the superintending constructor's responsibilities at the Charles L. Rohde and Sons Co., the Bethlehem Steel Corp., and the Virginia Shipbuilding Co.

Records Relating to the Bath Iron Works, Bath, Maine

GENERAL CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1904-20.

10 ft.

Letters, reports, and memoranda received and copies of those sent not relating to a specific vessel. Arranged numerically according to the classification scheme described in entry 463. Copies of letters received from the Bureau, described in entry 467, are included. ⁴⁶⁶

LETTERS FROM THE BUREAU TO THE SUPERINTENDING CONSTRUCTOR. Oct. 1901-Dec. 1911. 4 vols. 1 ft. ⁴⁶⁷

Letters received, including circular letters, containing general information pertaining to the construction of vessels. Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1907-10. 3 in. ⁴⁶⁸

Letters received from and copies of letters sent to the Bureau, naval constructors at other shipbuilding firms and at navy yards, and private individuals. Most of this correspondence is unofficial. There are a few letters from the Chief of the Bureau but apparently no correspondence with the contractor. This correspondence is not duplicated in the correspondence described in entries 466 and 467. Arranged alphabetically by initial letter of correspondent's name and thereunder chronologically.

MISCELLANEOUS RECORDS RELATING TO THE CONSTRUCTION OF VESSELS. 1900-1910. 3 ft. ⁴⁶⁹

Bills of lading, requisitions for supplies, drafting room notes, and storekeeper's orders, with related correspondence and accompanying diagrams, drawings, and blueprints concerning a number of vessels. Arranged in roughly alphabetical order by name of vessel.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO OFFICE SUPPLIES AND EQUIPMENT. 1901-12. 3 in. ⁴⁷⁰

Letters and endorsements received and copies of those sent, some copies of expenditure invoices for items delivered, and a few copies of open-purchase requisitions. The correspondence is classified as No. 752, in accordance with the classification scheme described in entry 463, and thereunder arranged numerically by serial number.

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COPIES OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE HYDE WINDLASS
BATH, MAINE. 1917-19. 3 in. 471

Copies of requisitions for windlasses and steering gear built by the
Hyde Windlass Co. as subcontractors for vessels under construction at the
Bath Iron Works and shipbuilding firms at other locations, orders for ma-
terial to be shipped to the Hyde Windlass Co., correspondence received
and copies of that sent relating to requisitions and payments to the Hyde
Windlass Co., and copies of correspondence furnished the U. S. attorney
in Boston, Mass., concerning prosecution of the Union Steel Casting Co.,
Boston, for the furnishing of a defective rudder-frame casting and for
delays in the delivery of castings to the Hyde Windlass Co. The super-
intending constructor at the Bath Iron Works was charged with supervisory
and inspection responsibility over windlasses and steering gear produced
for all shipbuilding firms by the Hyde Windlass Co. Arranged alphabet-
ically by subject.

ORDERS FOR MATERIALS BY THE SUPERINTENDING CONSTRUCTOR. 1918-19. 2 in. 472

Copies of orders for material to be shipped to the Bath Iron Works.
The names of the vessels for which the material was ordered are not shown.
Arranged in roughly chronological order.

CIRCULAR LETTERS. 1918-20. 3 in. 473

Circular letters issued by the Bureau of Construction and Repair con-
taining information on the construction of vessels, such as ventilation
systems for submarines and the use of special paint for the engine and
motor room; information on organization and policy, such as the geograph-
ical boundaries of Construction and Repair inspection districts and the
conservation of tin; and information on office or administrative proce-
dures, such as work in excess of 60 hours a week on naval contracts and
the preparation of requisitions. Arranged chronologically.

INVOICES OF STORES DELIVERED. 1918-20. 6 in. 474

Copies of expenditure invoices of stores delivered for vessels under
construction and a few bills of lading. In some instances the names of
the vessels for which the material was intended are given. Arranged, in
two series, in roughly chronological order.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ALLEN
AND THE DAVIS (TORPEDO BOAT DESTROYERS NOS. 65 AND 66, RESPECTIVELY).
1914. 2 ft. 475

Letters, reports, and memoranda received and copies of those sent.
Arranged numerically according to the classification scheme described in
entry 463.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE CASSIN
AND THE CUMINGS. Sept. 1911-Feb. 1912. 1 vol. 1/2 in. 476

Letters received from the Bureau, with the exception of two or three
letters from other sources. Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING PATENTS FOR
THE CASSIN AND THE CUMINGS. 1911-14. 3 in. 477

Correspondence received and copies of correspondence sent, including

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signed copies of applications for payments and statements by the superintending constructor and the inspector of machinery certifying that the contractor was entitled to payments. The correspondence is classified as No. 721 in accordance with the classification scheme described in entry 463; it is arranged thereunder numerically by serial numbers 0-20. The zero denotes general correspondence pertaining to payments and the numbers 1-20 denote the number of the payment.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
CHESTER (SCOUT CRUISER NO. 1). May 1905-Apr. 1909. 2 vols. 8 in.

Letters received from the Bureau. Arranged chronologically. 473

LETTERS RECEIVED BY THE BOARD ON CHANGES FOR THE CHESTER. 1906-8.
1 vol. 2 in. 479

Letters from the Bureau addressed to the senior member of the board referring changes for the board's consideration, and letters from the Bureau approving the board's reports on the changes. Arranged chronologically.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR REGARDING THE CLEVELAND.
1902-3. 3 in. 480

Copies of letters sent to the contractor. Arranged alphabetically by subject and thereunder chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE CHARLES W. FLUSSER AND THE SAMUEL C. REID (DESTROYERS NOS. 20 AND 21, RESPECTIVELY). 1907-11. 1 ft. 481

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE CHARLES W. FLUSSER AND THE SAMUEL C. REID. 1907-10. 3 in. 482

Copies of letters sent to the contractor. A few letters sent to the Chief of the Bureau are included. This correspondence is duplicated in the correspondence described in entry 481. Arranged alphabetically by initial letter of subject.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
CHARLES W. FLUSSER AND THE SAMUEL C. REID. Aug. 1907-Sept. 1911.
4 vols. 10 in. 483

Letters received from the Bureau. Copies of these letters are included in the correspondence described in entry 481. Arranged chronologically.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE GEORGIA
(SHEATHED BATTLESHIP NO. 15). 1902-7. 1 ft. 484

Copies of letters sent to the contractor. Arranged chronologically and thereunder alphabetically by initial letter of subject.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
GEORGIA. Feb. 1907-Dec. 1908. 1 vol. 1 in. 485

Letters received from the Bureau. Arranged chronologically.

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OF CHANGES ON GUNBOATS NOS. 5 AND 6. 1890-93. 1 vol. 1/2 in. 486

This volume shows date of contractor's letter regarding change, nature of change, respective estimates as to increase or decrease in cost by the contractor and the superintending constructor, date of submission by the superintending constructor to the Bureau, date of Bureau's approval of change and reference to the board for determination of increase or decrease in cost, date of board's report, date of report's approval by the Bureau, and amount of increase or decrease determined by the board. Arranged chronologically. There is a subject index arranged alphabetically by initial letter of subject.

SPECIFICATIONS OF WEIGHTS FOR GUNBOAT NO. 12. Apr. 1896. 1 vol. 1/4 in. 487

A copy of the standard specifications of weights furnished the superintending constructor at the Bath Iron Works in the construction of this vessel. Arranged by subject.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE JENKINS AND THE JOUETT (TORPEDO BOATS NOS. 41 AND 42, RESPECTIVELY). 1910-12. 3 in. 488

Copies of letters and enclosures sent to the contractor. Arranged alphabetically by initial letter of subject and thereunder chronologically.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE JENKINS AND THE JOUETT. Nov. 1910-Feb. 1912. 3 vols. 4 in. 489

Letters received from the Bureau, except for a few letters in volume 3 which are from the senior member of the board on changes. Arranged chronologically, except that some of the letters in volume 3 are out of order.

DRAFTING ROOM NOTES OF THE SUPERINTENDING CONSTRUCTOR. 1911-12. 3 in. 490

Penciled notations relating to plans. They give title of plan and thereunder comments and instructions regarding it, and calculations relating to proposed changes in weights. Many of these notations do not show the names of the vessels, but occasionally the Jenkins and the Jouett are mentioned. Arranged in part chronologically.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE KATAHDIN. Feb. 1891-Oct. 1895. 2 vols. 2 in. 491

Press copies of letters and a few endorsements sent. Arranged chronologically.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE LAKE CHARLES TORPEDO BOAT. June-Dec. 1908. 1 vol. 1/4 in. 492

Letters received from the Bureau relating to the construction of the hull of a submarine boat which originally was intended to be built at the Bath Iron Works in accordance with an agreement, dated February 1, 1906, between the Lake Torpedo Boat Co. and the United States. This work was

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transferred to the Newport News Shipbuilding and Dry Dock Co., Newport News, Va., before construction got under way. This correspondence relates to preliminary arrangements and plans made before the actual construction. Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MANLEY
(TORPEDO BOAT DESTROYER NO. 74). 1916-19. 2 ft. 495

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE McDOUGAL
(DESTROYER NO. 54). 1912-15. 1 ft. 496

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

SUPERINTENDING CONSTRUCTOR'S SCHEDULES OF MATERIAL FOR THE McDOUGAL.
1912-13. 3 in. 497

Relate chiefly to steel rivets, steel plates, and steel bars for the hull of the McDougal. These schedules show date; kind of material; specifications, such as diameter, length, style, and weight; and remarks. Arranged chronologically.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEVADA
(MONITOR NO. 8). 1902-3. 3 in. 498

Copies of letters and enclosures sent to the contractor. Arranged alphabetically by initial letter of subject and thereunder chronologically.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
PAULDING AND THE DRAYTON (TORPEDO BOATS NOS. 22 AND 23, RESPECTIVELY). Sept. 1908-Jan. 1912. 4 vols. 7 in. 499

Letters received from the Bureau. Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE FRUITT,
THE PREBLE, AND THE SICARD (TORPEDO BOAT DESTROYERS NOS. 345, 346,
AND 347, RESPECTIVELY). 1918-20. 3 ft. 500

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING MATERIAL FOR THE
FRUITT, THE PREBLE, AND THE SICARD. 1918-20. 3 in. 501

Signed copies of bills of lading for items shipped by the superintending constructor and of receipts for material received by the contractor, and copies of orders for material to be shipped to the contractor. Arranged by type of record and thereunder chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO TORPEDO
BOATS. 1897-1902. 7 ft. 502

Letters, telegrams, and endorsements received and copies of those sent.

ed according to an alphabetical-numerical classification scheme to abbreviations of the names of the vessels are added. About the fact of correspondence consists of unarranged documents, most of were withdrawn from the files and not returned but a few of which unclassified.

INDEX TO CORRESPONDENCE CONCERNING TORPEDO BOATS. 1897-1902. 5 in.

card index to the correspondence described in entry 500 showing subject, file number, and abbreviation for name of vessel. Arranged alphabetically by subject. 501

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE WICKES, THE PHILIP, THE WOOLSEY, AND THE EVANS (TORPEDO BOATS NOS. 75, 76, 77, AND 78, RESPECTIVELY). 1916-19. 4 ft. 502

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING MATERIAL FOR TORPEDO BOATS NOS. 75-78. 1918-19. 3 in. 503

Copies of receipts for material received by the contractor and of orders for material to be shipped to the contractor. Arranged by type of record and thereunder in roughly chronological order.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BUCHANAN, THE AARON WARD, THE HALE, AND THE CROWNSHIELD (TORPEDO BOAT DESTROYERS NOS. 131, 132, 133, AND 134, RESPECTIVELY). 1917-20. 3 ft. 504

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING MATERIAL FOR TORPEDO BOAT DESTROYERS NOS. 131-134. 1918-20. 3 in. 505

Originals or copies of receipts for material received by and ordered for the contractor, and reports of material shipped. Arranged by type of record and thereunder in roughly chronological order.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TRIPPE (TORPEDO BOAT NO. 33). 1909-11. 3 in. 506

Copies of letters sent to the contractor. Arranged alphabetically by initial letter of subject and thereunder chronologically.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TRIPPE. June 1909-Dec. 1911. 2 vols. 3 in. 507

Letters received from the Bureau, with the exception of a few letters for the period March 1910-February 1911 which were received from the senior member of the board on changes. Arranged chronologically except for the letters from the board member, which are interfiled, in no apparent order, with the other letters for the period April-July 1911.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING SUBMARINE CHASERS NOS. 407 AND 408. 1918-19. 1 ft. 500

Letters, reports, and memoranda received and copies of those sent the superintending constructor at the Bath Iron Works, who was responsible for supervising the construction of these submarine chasers. They relate to the construction of these submarine chasers by the Camden Anchor-Rockland Machine Co., Camden, Maine. Arranged numerically according to the classification scheme described in entry 463.

MISCELLANEOUS RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING SUBMARINE CHASERS NOS. 407 AND 408. 1918-19. 2 in. 501

Consist of numbered submarine chaser bulletins issued by the Bureau of Construction and Repair. They contain instructions concerning the construction of submarine chasers, copies of orders for materials, and reports of materials shipped to the Camden Anchor-Rockland Machine Co., contractors for the vessels. Arranged by type of material and thereunder in roughly chronological order.

LETTERS RECEIVED BY THE BOARD ON CHANGES. 1903-11. 1 vol. 4 in. 510

Letters from the Bureau of Construction and Repair addressed to the senior member of the board, referring changes on the Paulding, the Drayton, the Reid, the Flusser, and the Trippe for the board's consideration, and letters from the Bureau approving the board's reports. Arranged chronologically except that several letters, not in chronological order, are in the front of the volume.

TRIAL REPORTS OF VESSELS. 1918-20. 9 in. 511

Copies of reports of preliminary and final trials by a Board of Inspection and Survey for the Buchanan, the Crowninshield, the Evans, the Hale, the Philip, the Preble, the Aaron Ward, the Wickes, and the Woolsey. Included as a part of the reports are copies of instructions received by the board, information concerning membership of the board, and data concerning the machinery and hulls of the vessels. Arranged by name of vessel.

Records Relating to the City Point Iron Works, South Boston, Mass.

RECORD OF EXPENDITURES OF LABOR AND MATERIALS. 1889-94. 2 vols. 2 in. 512

A daily record of labor employed on vessels showing classes of labor employed, number employed in each class, and cost; and a daily record of expenditures for materials showing kinds of materials and cost. Arranged chronologically, with an index to materials in the front of the volume.

RECORD OF REQUISITIONS FOR OFFICE SUPPLIES. 1890-93. 1 vol. 1/4 in. 513

This volume contains lists of miscellaneous supplies, including paper, pens, envelopes, and drafting material and instruments, requisitioned for the office force and draftsmen at the City Point Works while they were engaged in the construction of vessels. It shows date and number of requisition and kind, quantity, and cost of supplies. Arranged chronologically.

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REPORTS. 1891-92. 1 vol. 1/4 in. 514

Weekly reports of labor expended in the construction of various vessels showing work done, type of labor employed, time consumed, rate of pay, and total cost. Arranged chronologically.

LETTERS SENT TO THE BUREAU BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD (CRUISER NO. 11). Jan. 1890-July 1894. 3 vols. 6 in. 515

Press and carbon copies of letters and a few endorsements sent by the superintending constructor at the City Point Iron Works until June 1893; at the Quintard Iron Works, New York, N. Y., until January 1894; and at the New York Navy Yard after that date. The contract for the cruiser, ordered November 11, 1889, was with Mr. Harrison Loring, City Point Iron Works; but on October 16, 1891, he made an assignment of all his property to Messrs. George W. Quintard, Charles H. Allen, and Harrison Loring, Jr., authorizing them to complete all work in progress under contracts entered into between him and the United States. Construction of the vessel continued at the City Point Iron Works until June 1893 when the Marblehead was moved to the Quintard Iron Works. In January 1894 the vessel was delivered to the New York Navy Yard. Included in these volumes are copies of letters sent by the board on changes (the superintending constructor being the senior member), some requisitions, and weekly reports of correspondence received. The first two volumes contain press copies for the period January 1890-January 1894; the correspondence dated after June 1893 is restricted to requisitions and reports on correspondence received. The third volume, covering the period June 1893-July 1894, contains carbon copies of letters sent. Arranged chronologically, with a subject index in each volume.

LETTERS SENT TO THE CONTRACTOR BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD. Jan. 1890-Jan. 1894. 2 vols. 2 in. 516

Press and carbon copies of letters sent. Included in the first volume are some letters sent by the superintending constructor in his capacity as senior member of the board on changes. Arranged chronologically, with a subject index in each volume.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD. Jan. 1890-Feb. 1894. 2 vols. 2 in. 517

Press and carbon copies of letters sent to the Secretary of the Navy, the commandant of the Boston Navy Yard, commercial firms, other superintending constructors, and other correspondents relating to applications for and appointments to positions, office supplies and drafting instruments, payrolls, and other matters of a routine nature. Included in the volumes are some orders issued by the superintending constructor to his staff concerning office routine and procedure. Arranged chronologically. There is a name and subject index in the first volume.

LETTERS FROM THE BUREAU TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD. Jan. 1890-July 1894. 7 vols. 2 ft. 518
Letters, telegrams, and a few endorsements received. Arranged for the most part chronologically. There is a subject index (with a few names included) in each volume.

LETTERS FROM THE CONTRACTORS TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD. Jan. 1890-July 1894. 4 vols. 10 in. 519

Letters received from Harrison Loring until October 1891 and thereafter from one or more of his assignees (see entry 515 for an explanation of the change in contractor and location of vessel). In some instances a copy of the letter has been substituted for the original. In a few cases enclosures to the letters are included in the volumes. Arranged chronologically, with a subject index in each volume.

LETTERS FROM THE INSPECTOR OF MACHINERY TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD. Aug. 1890-Aug. 1892. 1 vol. 1/4 in. 520

Letters received from the inspector of machinery at the Quintard Iron Works, New York, N. Y., relating to the certification of labor and material reports for payments under the contract and to changes in plans and specifications. Arranged chronologically, with a subject index.

MISCELLANEOUS CORRESPONDENCE RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARBLEHEAD. Mar. 1892-Jan. 1894. 2 vols. 2 in. 521

Letters, endorsements, and telegrams received from commercial firms, bureaus of the Navy Department (generally exclusive of the Bureau of Construction and Repair), the general inspector of the Marblehead, members of the superintending constructor's staff, and others. Included in the volume are a few Navy regulation circulars respecting personnel and pay, and some information copies of correspondence between the Bureau of Construction and Repair and other bureaus of the Navy Department respecting equipment and materials for the Marblehead. Arranged in roughly chronological order.

LIST OF PLANS RECEIVED FOR THE MARBLEHEAD. July 1890-Aug. 1892. 1 vol. 1 in. 522

A list of plans received from various contractors showing date received and title of plan, with remarks concerning approval or disapproval by the superintending constructor and by the Bureau of Construction and Repair, and modifications of plans. Arranged chronologically, with an index to plans in the front of the volume.

RECORD OF PAYMENTS TO CONTRACTORS FOR THE MARBLEHEAD. 1890-92. 1 vol. 1/2 in. 523

A record of expenditures and applications for payment for work, labor, and materials used in the construction of the Marblehead, showing kind, quantity, and cost of materials used, type and amount of labor employed, and dates of application and payment. Arranged chronologically.

APPLICATIONS FOR ADDITIONAL COMPENSATION AND EXTENSION OF TIME FOR COMPLETION OF THE CONTRACT FOR THE MARBLEHEAD. Sept.-Oct. 1893. 3 vols. 2 in. 524

Signed copies of the applications of the contractor for additional compensation and extension of time for completion of the contract because of changes ordered. There are two applications (with duplicate copies of one); one claim was based on changes and alterations in the quarters of the cruiser and the other was based on changes in gun-sponsorship. Both

Applications are followed by correspondence relating to the changes, one of which is dated as early as 1890; and one application also includes copies of several plans. There are subject indexes in the volumes.

Records Relating to the Columbian Iron Works
and Dry Dock Co., Baltimore, Md.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1898-1903. 5 ft.

525

Letters, reports, and memoranda received and copies of those sent. Arranged according to an alphabetical-numerical classification scheme in which the letter or letters indicate the initial letter or abbreviation of a broad subject classification, the first set of numbers indicates a more detailed breakdown of the subject, and the second set of numbers indicates the number of documents classified under that subject. For press copies of most of the letters sent in this correspondence, see entry 528.

REGISTER OF CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1898-1903.

1 vol. 1/2 in.

526

A register of the correspondence described in entry 525 showing name of writer or addressee, writer's file number, date of letter, an abstract of letter's contents, and superintending constructor's file number. Arranged alphabetically by initial letter of subject of correspondence.

RECORD OF LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. May 1901-

Oct. 1902. 1 vol. 1/2 in.

527

Shows date the letter was received, from whom received, writer's file number, date of letter, and an abstract of contents of letter. This volume relates to the correspondence described in entry 525. Arranged chronologically.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR. Dec. 1897-Dec. 1902.

2 vols. 2 in.

528

Press copies of letters sent to the Secretary of the Navy, the Bureau of Construction and Repair, the commandants of the navy yards at Washington, D. C., and New York, N. Y., and other correspondents (except the constructor) relating to the construction of vessels by the Columbian Iron Works and Dry Dock Co. The correspondence in the first volume pertains to a submarine boat, the Plunger, and to various torpedo boats, including the Tingey; the correspondence in volume 2 pertains primarily to the Tingey. Arranged chronologically. Many of the letters in the first part of volume 1 are illegible. There is an incomplete index in volume 1. For letters sent to the contractor pertaining to the Tingey, see entry 537.

MISCELLANEOUS CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1894-

1902. 6 in.

529

Letters received and copies of letters sent. This correspondence, one of which is of a semiofficial nature, relates to a variety of subjects such as personnel matters, the progress of construction, and the use of materials. Most of the correspondence is dated in 1901 and is arranged.

REPORTS BY THE SUPERINTENDING CONSTRUCTOR CONCERNING CORRESPONDENCE RECEIVED FROM THE BUREAU. May 1901-May 1902. 2 in. 531

Copies of weekly reports sent to the Bureau of Construction and Repair giving date of receipt, Bureau's file number, kind of communication, and subject. Arranged chronologically.

EFFICIENCY REPORTS FOR EMPLOYEES OF THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1896-1903. 1 in. 531

Copies of letters to the Bureau of Construction and Repair transmitting efficiency reports and duplicates of semiannual efficiency reports, and lists containing the names of all employees and their ratings. Arranged chronologically.

RECORDS CONCERNING REQUISITIONS FOR AND SHIPMENT OF MATERIAL. 1898-1903. 6 in. 532

Letters received and copies of letters sent, expenditure invoices, reports of material shipped, and copies of requisitions. Unarranged.

TIME BOOK OF DRAFTSMEN. Apr. 1897-July 1899. 1 vol. 1 in. 533

Shows names of draftsmen, days worked during each month, time of arrivals and departures, and type of work performed. Arranged by name of draftsman and thereunder chronologically. There is an incomplete name index to the volume.

RECORDS RELATING TO THE CONTRACTOR'S CLAIM FOR EXTRA COMPENSATION FOR THE MONTGOMERY AND THE DETROIT (CRUISERS NOS. 9 AND 10, RESPECTIVELY). 1890-95. 2 ft. 534

Correspondence with the Secretary of the Navy, the Bureau of Construction and Repair, other Navy Department bureaus, and the contractor regarding construction of these vessels and changes made in designs and specifications; correct copies of original statements rendered by the contractor for additional compensation on account of changes and bills covering the changes presented to the respective boards on changes; a report and proceedings of the special board on changes for these vessels, which met at the Norfolk Navy Yard in 1894; a decision of the Secretary of the Navy regarding the contractor's claim, with related endorsements by the Judge Advocate General and the Bureau of Construction and Repair; memoranda regarding uncompleted and defective work; reports of trial trips of the vessels; and a little correspondence with the Attorney General, dated in 1905, regarding a receivership for the Columbian Iron Works and Dry Lock Co. Arranged in part by type of material, the correspondence being scattered in several parts of the records.

LETTERS SENT BY THE BOARD ON CHANGES FOR THE PETREL. Apr. 1888-June 1889. 1 vol. 1/2 in. 535

Press copies of letters sent to the Bureau. Arranged numerically, with a subject index.

RECORD OF CHANGES ON THE PETREL. 1887-89. 1 vol. 1/2 in. 536

Shows date of submission of change and number of superintending constructor's letter regarding change, Bureau's change number (a note states that Bureau numbers were not instituted until May 27, 1888), nature of

change, estimate of the board on changes as to increase or decrease in cost involved by change, date of reference of change to the board by the Bureau, date of the Bureau's letter authorizing change, date and number of the board's report, date of approval of the board's report by the Bureau, and action of the Navy Department. Arranged chronologically.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TINGEY.

Dec. 1898-Nov. 1902. 1 vol. 1 in.

537

Press copies of letters sent to the contractor. Arranged chronologically. There is no correspondence for the period January-May 1901 when construction on the vessel was apparently suspended. For other letters sent, see entry 528.

PROGRESS REPORTS FOR THE TINGEY. Mar. 1901-Nov. 1903. 3 in.

538

Copies of monthly reports from the superintending constructor to the Bureau on the progress of vessel's construction. Arranged chronologically.

BOARD OF CHANGES ON THE TINGEY. 1898-1902. 1 vol. 1 in.

539

Shows number and nature of change, date of contractor's letter submitting change, date and number of superintending constructor's letter submitting change to the Bureau, date and number of Bureau's letter of approval of change, date and number of Bureau's letter referring change to the board on changes, date of board's report, respective estimates of the contractor and the superintending constructor as to increase or decrease in cost involved and amount determined by the board, and date and number of Bureau's letter of approval of board's report. Arranged chronologically, with a list of the nature of some of the changes in the front of the volume.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO LABOR AND MATERIAL FOR THE TINGEY. 1898-1903. 9 in.

540

Monthly reports showing number and kinds of employees, hours of work, rates of pay, and total amount of salaries; reports of amounts of materials worked into the hull of the vessel; orders for materials and a few letters sent concerning materials needed; and related papers. Unarranged.

WORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING PAYMENTS FOR THE TINGEY. Mar. 1899-Oct. 1903. 1 in.

541

Copies of applications for payments by the contractor, copies of reports of the superintending constructor to the Bureau of Construction and Repair on the estimated amount the contractor had earned to date, copies of the joint statement of the superintending constructor and the inspector of machinery certifying that the contractor was entitled to payments, and related records for the 1st through the 10th payment. Arranged chronologically by date of payment.

REPORTS OF EMPLOYEES ON THE TINGEY. May 1901-Nov. 1903. 2 in.

542

Copies of bimonthly reports forwarded to the commandant of the navy at Washington, D. C., showing names of employees and their ratings, work done, rates of pay, and salaries due them. Arranged chronologically.

MISCELLANEOUS RECORDS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE TINGEY. 1898-1904. 6 in. 543

Consist of a copy of the contract for the construction of the Tingey, copies of proceedings of the board on changes, a few copies of labor and material reports, and letters received relating to various subjects such as personnel, extension of contract time, and changes in construction. Unarranged.

RECORD OF PLANS. 1895-1900. 1 vol. 1 in. 544

A record of reference plans, contractor's plans, Navy Department plans, and finished plans for the Tingey, the McKee, the Ericcson, and the Plan showing for reference plans, subject and plan number, date received and from whom received, date forwarded and to whom forwarded, and file references to correspondence; for contractor's plans, subject and plan number, date forwarded to the Bureau, date approved, and file references to correspondence; for Navy Department plans, subject, plan number, date received, and file reference to correspondence; and for finished plans, subject, plan number, initials of person making plan, date forwarded to the Bureau, and file number of letter. Arranged by name of vessel and thereunder by type of plan.

Records Relating to William Cramp and Sons
Shipbuilding Co., Philadelphia, Pa.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR. July 1893-Aug. 1901; June 1902-Aug. 1903. 10 vols. 1 ft. 545

Press copies of letters and endorsements relating to the construction and outfitting of various vessels constructed under contracts with this company. The correspondence is divided into two series. The first series of eight volumes consists of formal correspondence covering the following periods: July 1893-January 1895; March 1896-August 1901; and June 1902-August 1903. The second series of two volumes consists of more informal correspondence and covers the period February 1895-April 1899. Both series are arranged chronologically. There are indexes at the beginning of each volume; these are primarily subject indexes but they include some names.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR RELATING TO THE CONVERSION OF COMMERCIAL VESSELS TO VESSELS OF WAR. Apr.-Nov. 1898. 1 vol. 1 in. 546

Press copies of letters, endorsements, and telegrams sent relating to the conversion of certain commercial vessels to war vessels by the William Cramp and Sons Shipbuilding Co. Arranged by name of vessel and thereunder chronologically. There is an index to names of vessels and thereunder to subjects.

LETTERS FROM THE BUREAU TO THE SUPERINTENDING CONSTRUCTOR. 1888-1901. 2 ft. 547

Letters received containing general information on personnel, the construction of vessels, and other matters not relating to a specific vessel. Arranged in groups of varying chronological periods, thereunder alphabetically by initial letter of subject of correspondence, and thereunder chronologically.

LETTERS FROM THE CONTRACTOR TO THE SUPERINTENDING CONSTRUCTOR. 1892-1901. 2 in. 543

Letters received containing general information relating to the construction of vessels by the contractor, such as methods of preparing cost estimates for labor and materials, the supply of materials, and other matters not relating to a specific vessel. Arranged alphabetically by initial letter of subject of correspondence and thereunder chronologically.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. 1899-1901. 1 ft. 549

Letters containing general information relating to the construction of vessels that were received from all sources other than the Bureau and the contractor. Arranged in groups of varying chronological periods, thereafter alphabetically by initial letter of subject of correspondence, and thereunder chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1918-20. 14 ft. 550

Letters, reports, and memoranda received and copies of those sent relating to the construction of Eagle class patrol boats by the Ford Motor Co., Detroit, Mich.; the extension (and later the disposal of this extension) of the plant; and the construction of 500-ton steel coal barges by the Imperial Shipbuilding Co., Detroit, Mich. Arranged according to a numerical classification scheme.

MISCELLANEOUS CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1918-20. 3 in. 551

Letters, reports, and memoranda received and copies of those sent. This series consists of semiofficial correspondence, interoffice memoranda, Navy Department circular letters concerning personnel regulations, a copy of the final report of weights of materials placed in patrol boats, and other correspondence which for some reason was not classified and placed with that described in entry 550. Arranged according to a numerical classification scheme.

INSTRUCTIONS ISSUED BY THE SUPERINTENDING CONSTRUCTOR. Dec. 1894-Nov. 1899. 1 vol. 1 in. 552

Press copies of memoranda issued to the construction, hull, and engineering departments and to inspectors of machinery, equipment, and ordnance at the William Cramp and Sons Shipbuilding Co., giving instructions relating to the construction and fitting of certain vessels and calling attention to defects and noncompliance with specifications. Arranged by name of vessel and thereunder chronologically. There is an index arranged by name of vessel and thereunder by subject.

CIRCULAR LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. 1888-93. 1 in. 553

Most of these letters were issued by and received from the Bureau of Construction and Repair, but there are a few Navy regulation circulars issued by the Secretary of the Navy and circulars issued by the Bureau of Equipment. They contain general information relating to the construction of vessels. Arranged alphabetically by subject.

REPORTS OF LETTERS RECEIVED AND TIME REPORTS OF THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. Feb. 1892-Dec. 1898. 3 vols. 3 in. 551

Press copies of weekly reports of letters received giving date, file number, and subject; and semimonthly time reports sent to the commandant of the navy yards at League Island, Philadelphia, Pa., and at New York, N. Y., for the employees carried on the rolls of each yard. Arranged chronologically. The first two volumes contain indexes to the two types of reports.

TIME RECORDS OF EMPLOYEES IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1894-1902. 3 in. 552

These consist of bimonthly reports showing names of employees and a record of their attendance, and letters received from employees between 1897-1902 concerning their absences from work. Arranged by type of record and thereunder chronologically.

EFFICIENCY REPORTS FOR EMPLOYEES OF THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1896-1902. 2 in. 553

Semiannual efficiency reports for each employee and efficiency list on which information on the ratings for each period is consolidated by classes of positions. Arranged chronologically.

RECORDS RELATING TO EXAMINATIONS FOR ASSISTANT INSPECTOR IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1899-1900. 5 in. 554

Consist of printed copies of examination announcements, one in 1899 and the other in 1900; letters of application for the examinations; and examination papers containing questions and answers. Arranged chronologically by year and thereunder alphabetically by name of applicant.

MISCELLANEOUS RECORDS OF THE SUPERINTENDING CONSTRUCTOR. 1897-1901. 1 in. 555

Include test reports made on materials, informal memoranda from personnel in the office of the superintending constructor, a list of office and drawing room supplies, and working papers (such as estimates of costs of different items). Several of the documents are not dated. Unarranged.

BLUEPRINTS AND PHOTOGRAPHS. 1894-96. 1 vol. 1 in. 556

Scrapbook containing blueprints and diagrams of parts and apparatus of various ships, photographs of furniture, and copies of several letters from the Bureau of Construction and Repair that are pasted or pinned in the volume. The names of the ships to which they relate are shown infrequently. Arranged in roughly chronological order.

REQUISITIONS AND BILLS FOR MATERIALS. 1888-1901. 6 in. 557

Requisitions and bills for drafting, photographic, and office supplies and equipment. For the period 1888-93 the records are arranged alphabetically by initial letter of firm from which the supplies were ordered and thereunder chronologically; for the period 1893-1901 the records are arranged chronologically.

INVOICES AND RECEIPTS FOR MATERIALS. 1892-1905. 4 in. 558

Copies of invoices of stores delivered, and some receipts and bills of lading for materials. Arranged in roughly chronological order.

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OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ALABAMA.

1892-1903. 4 ft.

562

Letters and telegrams received by the superintending constructor and reports and working papers (such as statements of labor and material and reports of pneumatic drilling) prepared in his office. Arranged alphabetically by name of office from which the correspondence was received or by subject. There are only a few documents dated in 1902 and 1903. Included with the correspondence received from the Bureau of Supplies and Accounts are some letters dated as early as 1892, some of which do not relate to the Alabama.

RECORDS OF EMPLOYEES ON THE ALABAMA AND THE MAINE. 1898. 3 vols.

563

3 in. Contain daily records showing name of employee, date, name of ship on which employed (most of the employees were on the Alabama), and type of work performed. The dates of only one of the volumes are shown. Arranged by name of employee, with indexes to names of employees in the index.

556
558
OF LETTERS AND TELEGRAMS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ALABAMA. Apr.-Nov. 1898. 1 in.

564

Pertain to work done on this vessel by the William Cramp and Sons Shipbuilding Co. to convert it to harbor defense use. Arranged chronologically.

557
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OF RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BALTIMORE.

1887-92. 6 in.

565

Letters and telegrams received and reports and working papers (such as statements of labor and material) prepared in the office of the superintending constructor. Arranged alphabetically by name of office from which the correspondence was received or by subject.

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OF PROCEEDINGS AND PROCEEDINGS OF THE BOARD ON CHANGES FOR THE BALTIMORE. 1888-90. 1 vol. 2 in.

566

A daily record of the board's proceedings, with copies of letters received and sent relating to the membership, establishment, and work of the board. Arranged chronologically. There is a subject index arranged alphabetically by initial letter of subject.

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OF CHANGES ON THE BALTIMORE. 1887-90. 1 vol. 1 in.

567

Shows date of submission of superintending constructor's letter recommending change, Bureau's change number, nature of change, amount of increase or decrease in cost, date of reference of change by the Bureau to the board, date of Bureau's authorization of change, action taken by the board, date of action, date of approval of board's report by the Bureau, and action taken by the Navy Department, if pertinent. Arranged chronologically.

OF RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BROOKLYN.

1883-93. 2 ft.

568

Letters and telegrams received and reports and working papers (such as statements of weights of materials placed in the hull and of material

in stock) prepared in the office of the superintending constructor. Arranged alphabetically by name of office from which the correspondence was received or by subject.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE COLORADO.

Jan. 1901-Aug. 1903. 4 vols. 5 in.

Press copies of letters and a few endorsements sent for the most part to the Bureau or to the contractor. Arranged chronologically. The first three volumes contain subject indexes. For correspondence concerning Pennsylvania and the Colorado, see entries 537 and 538.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE COLORADO.

1901-6. 2 ft.

Letters, reports, and memoranda received and copies of a few of those sent. Arranged in general alphabetically by name of office from which the correspondence was received or by subject.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE COLUMBIA.

1890-97. 2 ft.

Letters, endorsements, and telegrams received and reports and working papers (such as lists of weights of materials) prepared in the office of the superintending constructor. Arranged alphabetically by name of office from which the correspondence was received or by subject.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE IDAHO.

1904-10. 9 ft.

Letters, reports, and memoranda received and copies of those sent. Arranged in part by name of office from which the correspondence was received or to which it was sent or by subject in no apparent order, and in part numerically in accordance with a correspondence classification scheme.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE INDIANA. 1890-96.

3 ft.

Letters, endorsements, and telegrams received and reports and working papers (such as lists of materials and their weights which were placed in the hull) prepared in the office of the superintending constructor. Arranged alphabetically by name of office from which the correspondence was received or by subject.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE IOWA. 1893-

1901. 2 ft.

Letters and telegrams received and reports and working papers (such as estimates of the value of labor employed on and material placed in the hull and lists of prices of materials) prepared in the office of the superintending constructor. Arranged alphabetically by name of office from which the correspondence was received or by subject.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MAINE. 1897-

1903. 2 ft.

Copies of invoices and reports of material shipped to the contractor, daily reports of weights of material placed in the hull, reports of paint used or needed, and related working papers. There are a few letters

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that are scattered among the reports of material shipped. Ar-
by type of material.

RECEIVED BY THE BOARD ON CHANGES FOR THE MAINE. 1399-1903.

1 vol. 4 in. 576

Letters from the Bureau of Construction and Repair to the senior mem-
ber of the board referring changes for the board's consideration and let-
ters approving the board's reports on the changes so referred. Included
letters establishing and instructing the board, and letters from mem-
bers reporting to the senior member for duty. Arranged according to the
terminology of the letters referring the changes to the board, those ap-
proving the board's reports being filed next to the letter referring the
change in question rather than according to the date of approval.

LIST OF PLANS OF THE MAINE. Nov. 1893-Dec. 1902. 1 vol. 1 in. 577

Shows title of plan; contractor's number; constructor's number; by
whom prepared (initial only); dates received, returned for correction,
submitted, forwarded to the Bureau, approved, and returned; and re-
marks (usually references to pertinent correspondence). Arranged chrono-
logically.

SKETCHES OF THE MAINE THAT WERE APPROVED BY THE SUPERINTENDING CONSTRUC-
TOR. 1901-2. 2 in. 578

Sketches of engines, rooms, turrets, gear for guns, decks, and other
parts and apparatus. Unarranged.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MASSACHUSETTS.
1890-98. 1 ft. 579

Letters and telegrams received and reports and working papers (such
as lists of material placed in the hull) prepared in the office of the
superintending constructor. Arranged alphabetically by name of office
from which the correspondence was received or by subject.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MINNEAPOLIS.
1891-95. 1 ft. 580

Letters and telegrams received and reports and working papers (such
as reports of weights and amounts of material placed in the hull) pre-
pared in the office of the superintending constructor. Arranged by name
of office from which the correspondence was received or by subject but
not in alphabetical order.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MISSISSIPPI.
1904-10. 7 ft. 581

Copies of letters and endorsements sent. Arranged numerically in ac-
cordance with a correspondence classification scheme (Nos. 114-131500).

LETTERS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MISSISSIPPI.
1904-10. 6 ft. 582

Letters and telegrams received and reports (such as statements of
authorized changes with estimates of the amount of increased or decreased
cost) prepared in the office of the superintending constructor. Copies
of letters sent regarding the changes usually accompany the statements

of changes. Arranged alphabetically by name of office from which the correspondence was received or by subject.

LETTERS FROM THE BUREAU TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEWARK. 1888-91. 9 in. 531

Letters and telegrams received. Arranged in groups of varying chronological periods, thereunder alphabetically by initial letter of subject of correspondence, and thereunder chronologically.

CORRESPONDENCE AND PROCEEDINGS OF THE BOARD ON CHANGES FOR THE NEWARK. 1888-91. 2 vols. 4 in. 531

A daily record of the board's proceedings, with copies of letters received and sent relating to the membership, establishment, and work of the board. Arranged chronologically. The subject indexes in the volumes are arranged alphabetically by initial letter of subject.

RECORD OF CHANGES ON THE NEWARK. 1888-91. 1 vol. 1 in. 531

Shows date of submission of the superintending constructor's letter regarding the change, Bureau's change number, nature of the change, amount of increase or decrease in cost, date of reference of the change by the Bureau to the board, date of Bureau's authorization of the change, action taken by the board, date of action, date of approval of board's report by the Bureau, and action taken by the Navy Department, if any. Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PENNSYLVANIA. 1901-9. 4 ft. 536

Letters, reports, and memoranda received and copies of a few of those sent. Arranged by name of office from which the correspondence was received or by subject but not in alphabetical order. Most of the correspondence is dated from 1901 to 1906. For correspondence concerning the Pennsylvania and the Colorado, see entries 537 and 538.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PENNSYLVANIA AND THE COLORADO. 1901-7. 8 ft. 537

Copies of letters sent and of a few letters received. Arranged numerically in accordance with a correspondence classification scheme (Nos. 160-131995).

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PENNSYLVANIA AND THE COLORADO. Jan. 1901-Aug. 1903. 4 vols. 5 in. 538

Press copies of letters and a few endorsements sent. This correspondence pertains primarily to the construction of the Pennsylvania, but it includes some correspondence relating to both vessels which were under construction by the William Cramp and Sons Shipbuilding Co. at the same time. Practically all the correspondence is addressed to the Bureau or to the contractor. Arranged chronologically, with a subject index in each volume. This correspondence is duplicated in the correspondence described in entry 537.

CORRESPONDENCE AND PROCEEDINGS OF THE BOARD ON CHANGES FOR THE PHILADELPHIA. 1888-91. 1 vol. 2 in. 538

The volume contains a daily record of the board's proceedings,

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Index of letters received and sent relating to the membership, establishment, and work of the board. Arranged chronologically. There is a separate index arranged alphabetically by initial letter of subject.

LETTERS OF CHANGES ON THE PHILADELPHIA. 1893-90. 1 vol. 1 in. 590
Shows date of submission of superintending constructor's letter regarding the change, Bureau's change number, nature of the change, amount of increase or decrease in cost, date of reference of the change by the board to the board, date of Bureau's authorization of the change, action taken by the board, date of action, date of approval of the board's report by the Bureau, and action taken by the Navy Department, if any. Arranged chronologically.

LETTERS AND TELEGRAMS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ST. PAUL. 1898. 2 in. 591
This correspondence pertains to the fitting out at the shipyard of the William Cramp and Sons Shipbuilding Co. of the St. Paul, an American line steamer chartered from the International Navigation Co. as an auxiliary cruiser. Arranged alphabetically by subject and thereunder chronologically.

LETTERS FROM THE BUREAU TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE SAN FRANCISCO. 1889-90. 1/4 in. 592
Letters enclosing information concerning the construction of the San Francisco by the Union Iron Works, San Francisco, Calif., for the use of the superintending constructor in supervising construction of vessels by the William Cramp and Sons Shipbuilding Co. Arranged alphabetically by subject.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TENNESSEE. 1903-10. 1 1/4 ft. 593
Letters, reports, and memoranda received and copies of those sent. Part of the correspondence is arranged in roughly alphabetical order by name of office from which it was received or by subject, and the other part is arranged numerically in accordance with a correspondence classification scheme (Nos. 130-131293).

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE VESUVIUS. 1887-93. 1 in. 594
Letters and telegrams received, primarily from the Bureau of Construction and Repair, and statements of the amounts and value of material and labor expended on this vessel, a dynamite gun cruiser. The letters are arranged alphabetically by initial letter of subject of correspondence and thereunder chronologically; the statements are arranged chronologically.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE YORKTOWN. 1887-90. 2 in. 595
Letters and telegrams received and papers (such as statements of the rights and amounts of material placed in and labor employed on the hull) prepared in the office of the superintending constructor. Arranged by name of office from which the correspondence was received or by subject, and in alphabetical order.

CORRESPONDENCE AND PROCEEDINGS OF THE BOARD ON CHANGES FOR THE YORKTOWN. 1888-90. 1 vol. 2 in. 587

This volume contains a daily record of the board's proceedings, with copies of letters received and sent relating to the membership, establishment, and work of the board. Arranged chronologically. There is a subject index arranged alphabetically by initial letter of subject.

RECORD OF CHANGES ON THE YORKTOWN. 1887-89. 1 vol. 1 in. 587

Shows date of submission of superintending constructor's letter regarding change, the Bureau's change number, nature of change, amount of increase or decrease in cost, date of reference of change by the Bureau to the board, date of Bureau's authorization of the change, action taken by the board, date of action, date of approval of board's report by the Bureau, and action taken by the Navy Department, if any. Arranged chronologically. A subject index is arranged alphabetically by initial letter of subject.

"DEVELOPMENT OF DETAILED PLANS AND PROPOSED ALTERATIONS." Aug. 1888-Feb. 1891. 1 vol. 1 in. 593

This volume shows names of vessels (the Baltimore, the Philadelphia, the Newark, and the Yorktown), plan number and title of plan, date submitted, initials of person by whom submitted, dates approved or disapproved, by whom approved or disapproved (usually a Navy Department bureau), and remarks. Arranged by name of vessel and thereunder by plan number.

RECORD OF PLANS RECEIVED. 1893-96. 1 vol. 1 in. 599

Lists of plans of the Minneapolis, the New York, the Iowa, the Brooklyn, the Indiana, and the Massachusetts, showing title and number of plan, by whom prepared (usually the Bureau of Construction and Repair but occasionally other bureaus), date received, dates examined and approved and initials of persons examining and approving, date forwarded to the Bureau, date the print was filed, and remarks (usually date or file reference of pertinent correspondence). For a few vessels there are also lists of plans approved "in the office" and lists of duplicate tracings. Arranged by name of vessel.

Records Relating to the Crescent Shipyard, Elizabethport, N. J.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ARMADILLO (GUNBOAT NO. 10). Jan. 1896-Jan. 1898. 1 vol. 2 in. 600

Press copies of letters and endorsements sent. Included in the volume are a few copies of letters received by the superintending constructor from the Crescent Shipyard. The correspondence, dated from November 1896 to January 1898, is bound in the volume. A little correspondence for the period January 1896-July 1897 is filed loose inside the front cover of the volume and is not indexed. Arranged chronologically, with a subject index.

COMMUNICATIONS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ARMADILLO. Dec. 1895-Sept. 1897. 1 vol. 2 in. 601

Letters, endorsements, and telegrams received from the Bureau. Arranged chronologically, with a subject index.

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ALL CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE ADAMS
1888-1897. 1 vol. 2 in.

Includes copies of reports of the board, together with press copies of
superintending constructor's letters requesting appointment of
press copies of letters of the senior member of the board
requesting the board to assemble, and a press copy of the senior
member's letter reporting that all changes had been acted on by the
board chronologically.

Records Relating to the Delaware River Iron
Shipbuilding Co., Chester, Pa.

COMMUNICATIONS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
CONCORD AND THE BENNINGTON (GUNBOATS NOS. 3 AND 4, RESPECTIVELY).
Feb.-Nov. 1889. 1 vol. 1 in.

Press copies of letters, endorsements, and telegrams sent. Arranged
chronologically.

INDEX TO COMMUNICATIONS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING
THE CONCORD AND THE BENNINGTON. Feb.-Nov. 1889. 1 vol. 1 in.

A subject index to the correspondence described in entry 333. Arranged
alphabetically by initial letter of subject.

PROCEEDINGS OF THE BOARD ON CHANGES FOR THE BENNINGTON AND THE CONCORD.
1888-92. 2 vols. 4 in.

A daily record of the board's proceedings, including copies of the
board's reports, together with copies of pertinent correspondence from
the Navy Department or Bureau letters appointing, instructing, or changing
membership of the board, referring changes to the board for determination
of increased, decreased, or unchanged cost, or announcing action taken
by the board's reports; letters of the superintending constructor to the
Bureau regarding changes; and letters of the senior member of the board
transmitting the board's reports to the Bureau. Arranged by name of
vessel (with a separate volume for each vessel) and chronologically
within each volume. Each volume has a subject index arranged alphabetically
by initial letter of subject.

RECORD OF CHANGES ON THE BENNINGTON AND THE CONCORD. 1888-91. 3 vols.
3 in.

Shows date of submission and number of the superintending constructor's
letter regarding change, Bureau's change number (a note states that
Bureau numbers were not instituted until May 23, 1893), nature of
estimate of the board on changes as to increase or decrease in cost
involved by change, date of reference of change to the board by the
Bureau, date of Bureau's letter authorizing change, date and number of
board's report, date of approval of board's report by the Bureau, and date
of approval by the Navy Department. Arranged by name of vessel and chronologically
thereunder. There are two volumes for the Bennington, which are
missing except that in one volume a few pages at the end are missing.

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RECORD OF MATERIALS RECEIVED AND REJECTED FOR THE BENNINGTON AND THE CONCORD. 1888-90. 1 vol. 1/2 in. 60

This volume contains lists of materials received for use in the construction of these vessels showing date received, quantity and cost of material, lists of articles rejected, and lists of payments made to contractors. Arranged chronologically.

RECORD OF ORDERS TO THE PHOENIX IRON WORKS FOR SHIPS NOS. 236-239.

Aug. 1883-Dec. 1884. 2 vols. 2 in. 61

A record of orders for steel angles and beams placed with the Phoenix Iron Works by the Delaware River Iron Shipbuilding Co., showing date of order, articles ordered, order number, register mark, constructor's mark, number of ship, and date of shipment. The first volume, for the period August 1883-May 1884, relates to all four vessels and the second, for the period May-December 1884, to vessels Nos. 237 and 238. Arranged chronologically.

Records Relating to the John H. Dialogue & Son Shipyard, Camden, N. J.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PRINCETON (GENERAL NO. 23). 1895-1900. 4 ft. 62

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged alphabetically by initial letter of subject. There is a register of this correspondence, arranged chronologically, giving file letter, date, name of sender or addressee, and subject or nature of correspondence. Letters received from the Bureau are listed in red ink; all others, whether sent or received, are listed in black ink.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PRINCETON.

Dec. 1895-Feb. 1900. 3 vols. and 1 register vol. 4 in. 63

Press copies of letters sent, arranged numerically. There are registers at the beginning of each volume, arranged alphabetically by initial letter of subject, giving subject of correspondence and, in volumes 2 and 3, name of person or office to which the letters were sent. There is also a separate register for volumes 1 and 2, arranged alphabetically by initial letter of subject, giving date of correspondence, correspondence file number of the Bureau of Construction and Repair, superintending constructor's file number, volume and page number, and subject of correspondence. These letters are duplicated in the correspondence described in entry 609.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE PRINCETON. 1896-98.

9 in. 64

Letters received and copies of letters sent concerning the appointment, instruction, and convening of the board, proposed changes, and reference to the board of the proposed changes for consideration and report; copies of the board's reports; and letters from the Bureau approving or disapproving the board's reports. Arranged chronologically.

REPORTS AND CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE PRINCETON.

1896-98. 1 vol. 1 in. 65

Reports of the board, together with copies of letters sent by the

... senior member (the superintending constructor) in connection with
... of the board to the Bureau, the contractor, or other board mem-
... There is also a record of communications received by the board,
... Bureau letters referring changes to the board for consideration
... approving the board's reports, which shows date and file number of
... letter, its subject, and its purport. Arranged chronologically. In
... front of the volume is a subject index, arranged alphabetically by
... initial letter of subject.

MINUTES OF THE BOARD ON CHANGES AND RECORD OF CHANGES FOR THE
PRINCETON. 1896-98. 1 vol. 1 in.

613

... a daily record of proceedings of the board, arranged chronologically;
... and a record of changes (two loose sheets inserted in the front of the
... volume) showing change, number and date of Bureau's order, amount of in-
... crease or decrease in cost, or a statement of no change in cost, deter-
... mined by the board, and number and date of Bureau's approval; arranged
... chronologically.

REQUISITIONS AND VOUCHERS OF THE SUPERINTENDING CONSTRUCTOR FOR THE
PRINCETON. 1895-98. 3 in.

614

... Copies of open-purchase requisitions showing appropriation covering
... purchase, purpose of purchase, description of articles, and price; and
... open-purchase vouchers containing the same information, with an accom-
... panying certificate of inspection of the items and a receipt for them by
... the superintending constructor. All articles requisitioned were office
... supplies or drafting materials. Arranged numerically, all papers belong-
... ing to the same transaction having the same number.

MANUAL OF WORK BY THE HULL DEPARTMENT, JOHN H. DIALOGUE & SON, ON
THE PRINCETON. May 30, 1896-May 15, 1897. 2 in.

615

... Consists of weekly reports showing number of hours of superintendence
... and of work by employees, number of superintendents and number of em-
... ployees, and quantity (in pounds) of materials used. Each report is
... signed by a representative of the John H. Dialogue & Son Shipyard and ap-
... parently was submitted to the superintending constructor. Arranged chrono-
... logically.

CONTRACTOR'S ESTIMATES ON COST OF PROPOSED CHANGES ON THE PRINCETON.
Aug. 1897-Aug. 1898. 1 in.

616

... Consist of copies of letters received from the John H. Dialogue & Son
... Shipyard by the superintending constructor. They contain the contrac-
... tor's estimates and accompanying copies of letters of the superintending
... constructor forwarding the estimates, with his recommendations, to the
... Bureau. Unarranged.

Records Relating to the Fore River Shipyard, Quincy, Mass.

LOG OF THE FORE RIVER SHIPYARD. Apr. 1900-Dec. 1906. 1 vol. 1 in.

617

... a record of work done on ships showing name of ship, work done, date
... it was started, and date it was finished; arranged by name of ship.
... There are also "Notes of Interest" containing data regarding events

occurring at the shipyard and historical events occurring in the United States. This log appears to have been kept by the office of the superintending constructor.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DES MOINES (CRUISER NO. 15). 1900-1905. 7 ft.

Letters, reports, and memoranda received and copies of those sent. Arranged numerically (Nos. 1-499) according to a classification scheme.

INDEX TO CORRESPONDENCE CONCERNING THE DES MOINES. 1900-1905. 8 in.

A card index to the correspondence described in entry 618 showing abstract of correspondence, file number, and occasionally file number and date of Bureau's correspondence. Arranged alphabetically by subject.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE LAWRENCE AND THE MACDONOUGH (TORPEDO BOAT DESTROYERS NOS. 8 AND 9, RESPECTIVELY). 1898-1903. 3 ft.

Letters, reports, and memoranda received and copies of those sent. Arranged numerically (Nos. 1-365) according to a classification scheme.

INDEX TO CORRESPONDENCE CONCERNING THE LAWRENCE AND THE MACDONOUGH. 1898-1903. 1/2 in.

A card index to the correspondence described in entry 620 showing abstract of correspondence, file number, and occasionally file number and date of Bureau's correspondence. Arranged alphabetically by subject.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEW JERSEY AND THE RHODE ISLAND (BATTLESHIPS NOS. 16 AND 17, RESPECTIVELY). 1901-7. 20 ft.

Letters, reports, and memoranda received and copies of those sent. Arranged numerically (Nos. 1-528) according to a classification scheme. This same classification scheme was also used for the correspondence described in entries 618 and 620.

RECORDS IN THE CASE OF THE FORE RIVER SHIPBUILDING CO. vs. THE UNITED STATES (COURT OF CLAIMS NOS. 30224 AND 30225). 1900-1921. 2 ft.

Originals and copies of documents to substantiate or refute the claims against the Government arising from the contracts for the construction of the New Jersey and the Rhode Island by the Fore River Shipbuilding Co. Included are correspondence, printed copies of petitions and evidence, copies of testimony given, extracts from contracts and specifications, and related material. There are also a few documents pertaining to similar suits filed by the William Cramp and Sons Shipbuilding Co. and by the Newport News Shipbuilding and Dry Dock Co. The suits appear to have been instituted around 1908. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE VERMONT (BATTLESHIP NO. 20). 1903-7. 1 ft.

Letters, reports, and memoranda received and copies of those sent. Arranged numerically (Nos. 36-723) according to a classification scheme.

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Records Relating to the Gas Engine and Power Co.
and Charles L. Seabury and Co., Consolidated,
Morris Heights, N. Y.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. Sept. 1897-

Sept. 1901. 1 vol. 1 in.

625

Most of these letters are general letters of information or instructions applicable to the construction of vessels anywhere under contract to the Navy Department, but a few refer specifically to the Stewart, the Bailey, and the Wilkes (Torpedo Boats Nos. 13, 21, and 35, respectively). Arranged in general chronologically. For other correspondence relating to these three vessels, see entries 627, 631, and 632.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BAILEY.

Sept. 1897-Dec. 1901. 3 vols. 3 in.

626

Dress copies of letters sent. Volume 1, covering the period September 1897-July 1899, does not appear to contain any correspondence sent to the constructor. It includes weekly reports of correspondence received and approximately time reports for payrolls, which are not contained in volumes 2 and 3. For later time and correspondence reports and some correspondence, see entry 633. Pages 5-40 for the period July 1899-January 1900 are missing from volume 2. Arranged chronologically. There is a subject index in the first volume.

LETTERS AND TELEGRAMS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BAILEY.

Sept. 1897-Mar. 1902. 1 vol. 2 in.

627

Letters and telegrams received from the Bureau. Arranged chronologically. There is an incomplete subject index. For other letters received, see entry 625.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DUBUQUE.

1903-5. 7 ft.

628

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged alphabetically by initial letter of subject. For the register of this correspondence, see entry 630.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PADUCAH.

1903-5. 4 ft.

629

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged alphabetically by initial letter of subject. For the register of this correspondence, see entry 630.

REGISTERS OF LETTERS RECEIVED AND SENT BY THE SUPERINTENDING CONSTRUCTOR

CONCERNING THE PADUCAH AND THE DUBUQUE. June 1903-Oct. 1905. 1 vol.

1/2 in.

630

A register of letters received giving subject of correspondence, office from which it was received, date it was received, superintending constructor's file number, and Bureau's file number; and a register of letters sent giving date of correspondence, subject, file number, and office to which it was sent. Most of the correspondence was received

from or sent to the Bureau of Construction and Repair or to the contractor. Both registers are arranged numerically, entries for the register of letters received being numbered 1001-2343 and entries for the registers of letters sent being numbered 1-999 and 2001-2886. For the correspondence to which these registers refer, see entries 628 and 629.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE

STEWART. Oct. 1898-Dec. 1902. 1 vol. 2 in.

631

Letters received from the Bureau. Arranged chronologically, with an incomplete subject index. For other letters received, see entry 625.

CORRESPONDENCE RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE

WILKES. Oct. 1898-Dec. 1902. 1 vol. 2 in.

632

Letters and a few telegrams and endorsements received from the Bureau. Arranged chronologically, with an incomplete subject index. For other letters received, see entry 625.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BAILEY,

THE STEWART, AND THE WILKES. Apr. 1900-1902. 1 vol. 1 in.

633

Press copies of letters sent. The correspondence consists of semi-monthly time reports sent to the commandant of the navy yard at League Island, Philadelphia, Pa., for the employees carried on the rolls of that yard; weekly reports of correspondence received, giving date, correspondence file number, and subject; and letters of a general nature pertaining to the construction of the three vessels. Arranged chronologically. For letters sent by the superintending constructor pertaining to the Bailey only, see entry 626.

LETTERS SENT BY THE BOARD ON CHANGES FOR THE BAILEY, THE STEWART, AND

THE WILKES. June 1901-Nov. 1902. 1 vol. 1 in.

634

Press copies of letters and one or two endorsements sent by the senior member of the board, who was stationed at the William Cramp and Sons Shipbuilding Co., Philadelphia, Pa. The correspondence, of a routine nature, refers to the assignment of numbers, dates and places of meetings, and the submission of reports. Included in the volume are some weekly reports of correspondence received giving its date, file number, and subject. Arranged chronologically.

PROCEEDINGS OF THE BOARD ON CHANGES AND RECORD OF CHANGES FOR THE BAILEY,

THE STEWART, AND THE WILKES. 1898-1902. 3 vols. 2 in.

635

A daily record of the board's proceedings, including copies of the board's reports, together with copies of pertinent correspondence such as Navy Department and Bureau letters appointing, instructing, or changing membership of the board; and a record of changes showing change, date of contractor's letter, date of superintending constructor's letter, date of Bureau's letter (or telegram), date of board's report, date of Bureau's approval, respective estimates of the contractor and the superintending constructor as to increase, decrease, or no change in cost involved, and amount of increase or decrease determined by the board. Arranged by name of vessel. There is a separate volume for each vessel containing both the proceedings and the record of changes. The material within the volumes is arranged chronologically.

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EXPENDITURES OF LABOR AND MATERIALS. 1898-99. 3 vols. 2 in. 636

These volumes list the kind, quantity, and cost of supplies, materials, and labor used in the construction of the Wilkes, the Bailey, and the Stewart. Arranged by name of vessel and thereunder by kind of material or type of labor.

GENERAL ORGANIZATION OF NAVAL INSPECTION UNDER THE BUREAU OF CONSTRUCTION AND REPAIR AT SHIPYARDS. n.d. 1 vol. 1/2 in. 637

This volume relates to naval inspection at the William Cramp and Sons Shipbuilding Co., Philadelphia, Pa., the New York Shipbuilding Co., Camden, N. J., and the Neafie and Levy Shipyard, Philadelphia, Pa. It contains descriptions of the functions of the various offices and personnel engaged in inspection work, the coordination of work at different shipyards, and reports to be rendered. Arranged by subject, with a table of contents. The volume was received by the Gas Engine and Power Co. in 1911.

Records Relating to the Harlan and Hollingsworth Co., Wilmington, Del.

THE RECORD OF EMPLOYEES UNDER THE SUPERINTENDING CONSTRUCTOR. 1903-4. 1 vol. 1/2 in. 638

A daily record showing name of employee, date, time of arrival, time of departure, and whether absent on leave. Arranged chronologically.

ESTIMATES RELATING TO THE HOPKINS. n.d. 1 vol. 1 in. 639

This volume shows estimate number and work to be done (such as "Estimate No. 3, Changes in Arrangements of Officers' Quarters"), details of work to be done, and estimated cost. Arranged by estimate number. There is a subject index in the volume.

RECORD OF AMOUNTS EXPENDED FOR LABOR AND MATERIAL AND OF PAYMENTS MADE FOR THE HOPKINS AND THE HULL. 1899-1902. 2 vols. 2 in. 640

These volumes contain material and labor statements showing for various periods the cost of labor and material, total cost of labor and material, amount of payments made, and amounts paid for personnel, supplies, and equipment for these same periods. Arranged by name of vessel (one volume for each vessel). The material within the volumes is arranged by class of employee and supplies.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE STRINGHAM. 1898-1903. 5 ft. 641

Letters, memoranda, and reports received. In a few instances copies of replies are filed with the incoming communications. Arranged alphabetically by initial letter of subject. For other correspondence concerning the Stringham, see entry 643.

CORRESPONDENCE OF THE BOARD ON CHARGES FOR THE STRINGHAM. 1900-1902. 1 vol. 1 in. 642

Letters received and copies of letters sent concerning membership and actions of the board and the charges referred to it. Unarranged.

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PROCEEDINGS OF THE BOARD ON CHARGES FOR THE STRINGHAM. Mar. 1900.

1 vol. 1/2 in.

A daily record of the board's proceedings. Arranged chronologically. 643

RECORD OF EXPENDITURES FOR LABOR AND MATERIALS FOR THE STRINGHAM. 1897-1900. 1 vol. 1/2 in. 644

This volume contains weekly summaries of the cost of labor and materials used in the construction of the Stringham and a record of payments made to contractors showing date and amount of payment. It also shows date of receipt, quantity, and cost of lumber, angles, bolts, nails, cooking utensils, paints, pipe, wire, and miscellaneous supplies and fittings. Arranged chronologically and thereunder by name of supplies or fitting. There is an index arranged alphabetically by initial letter of name of material.

RECORDS RELATING TO THE CONSTRUCTION OF THE STRINGHAM. 1897-1901. 10 in. 645

Records of weights placed on board the vessel showing weight of plates, angles, beams, bulkheads, and fittings; and reports of wages expended in construction showing class of laborers, their length of employment, and rates of pay. Arranged in roughly chronological order.

REPORTS OF MATERIAL SHIPPED FOR THE STRINGHAM. 1898-99. 3 in. 646

Reports of material shipped to the Harlan and Hollingsworth Co., showing firm from which shipped, date shipped, name of inspector, kind of material shipped and its heat number, dimensions, location marks, and weight, the number of pieces, and a certification by the inspector that the material had passed all Government tests. Unarranged.

BLUEPRINTS OF MACHINERY OF THE STRINGHAM. n.d. 1 vol. 1/4 in. 647

Blueprints of the oil service, cylinder drains, steam pipes, distillers, evaporators, separators, steam valves, and other machinery of this vessel. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE STRINGHAM (TORPEDO BOAT NO. 19), THE HOPKINS, AND THE HULL (TORPEDO BOAT DESTROYERS NOS. 6 AND 7, RESPECTIVELY). 1897-1903. 14 ft. 648

Letters, memoranda, and related material received and copies of letters, reports, and related material sent. Only a few items concern the Stringham. Arranged in general alphabetically by initial letter of subject, but some of the correspondence is in considerable disorder. For registers to this correspondence, see entry 650.

LETTERS AND ENDORSEMENTS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE STRINGHAM, THE HOPKINS, AND THE HULL. Sept. 1897-Jan. 1904. 7 vols. 9 in. 649

Press copies of letters and endorsements sent. Included in the volumes are reports of correspondence received and semi-monthly time reports for payrolls. Arranged chronologically. The first four volumes have subject indexes and the fifth volume has an incomplete subject index. For registers to this correspondence, see entry 650. This correspondence is duplicated in the correspondence described in entry 648.

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LIST OF CORRESPONDENCE SENT AND RECEIVED BY THE SUPERINTENDING
CONSTRUCTOR RELATING TO THE STRINGHAM, THE HOPKINS, AND THE HULL.
1897-Dec. 1903. 3 vols. 2 in. 650

The registers give date of correspondence, to whom it was sent or
received, correspondence file number, subject, and, in
volumes 2 and 3, names of vessels. Volumes 1 and 2, covering the period
October 1897-July 1902, are arranged alphabetically by subject and
thereunder chronologically. Volume 3, which covers the period July 1901-
October 1903 and duplicates a considerable part of the contents of vol-
ume 1, is arranged chronologically. Only a few items of this correspond-
ence pertain to the Stringham. For the correspondence to which these
registers refer, see entries 648 and 649.

RECORD OF CHANGES ON THE STRINGHAM, THE HOPKINS, AND THE HULL. 1898-
1902. 1 vol. 1 in. 651

Shows number and description of change and frequently a file number;
the respective estimates of the contractor and the superintending con-
structor as to increase, decrease, or no change in cost involved in the
change, with the date and file number of letters giving their estimates;
number and date of Bureau's letter referring change to the board on
changes, amount determined by the board (apparently with decreases in
cost indicated by figures in red ink), date of board's report, and, in
the record for the Hull, page number of board's report for most of the
changes. Arranged by name of vessel and thereunder in part chronolog-
ically and in part numerically. The numbers of changes for the Hull and
the Hopkins begin with No. 1 and a date in 1898, but those for the String-
ham begin with No. 19 and a date in 1900.

RECORD OF PLANS APPROVED AND BLUEPRINTS RECEIVED. 1897-1902. 1 vol.
1/2 in. 652

This volume, which relates to the Stringham, the Hopkins, and the
Hull, shows date the plans were approved, date the prints were received,
number of prints received, subject of plan, superintending constructor's
number, and the Harlan and Hollingsworth Co.'s number. Arranged by name
of vessel (the Hopkins and the Hull are together). There is a table of
contents.

REPORT OF PLANS OF THE STRINGHAM, THE HOPKINS, AND THE HULL. 1899-1900.
1 vol. 1 in. 653

Shows name of vessel, plan number and title, date the plan was started
and date it was finished, name of person checking plan, and date it was
checked. Arranged by name of vessel (the Hopkins and Hull are together),
thereunder by type of plan (contractor's and reference plans), and there-
under numerically by plan number.

RECORD OF TIME AND WORK ON THE STRINGHAM, THE HOPKINS, AND THE HULL.
n.d. 1 vol. 1 in. 654

Shows name of employee, date worked (month and day but no year), and
number of hours spent each day in drawing, tracing, sketching, and mis-
cellaneous work. Arranged by name of employee.

Records Relating to the Charles Hillman Ship
and Engine Co., Philadelphia, Pa.

REGISTER OF LETTERS SENT AND RECEIVED BY THE SUPERINTENDING CONSTRUCTOR.
1896-99. 1 vol. 1/2 in. 657

Contains a record of four groups of letters: letters received from the Bureau of Construction and Repair, letters sent to the Bureau, letters sent to the contractor, and letters received from the contractor. It gives date of correspondence or date of its receipt, file number, subject, remarks, and, for letters sent, page number of letters-sent books. Arranged by the four groups of letters mentioned above and thereunder chronologically. The correspondence to which this register refers has not been found.

Records Relating to the Leonard Construction Co., Chicago, Ill.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1918-19. 3 ft. 656

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent pertaining to the construction, equipment, and fittings of steel coal barges, and to the personnel and administration of the superintending constructor's office. Arranged alphabetically by initial letter of subject.

LETTERS AND ENDORSEMENTS SENT BY THE SUPERINTENDING CONSTRUCTOR.

Dec. 1918-Apr. 1919. 2 in. 657

Copies of outgoing correspondence. Arranged numerically (700-1199). This correspondence is duplicated in that described in entry 656.

Records Relating to the Maryland Steel Co., Sparrows Point, Md.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TRUXTUN, THE WHIPPLE, AND THE WORDEN (TORPEDO BOAT DESTROYERS NOS. 14, 15, AND 16, RESPECTIVELY). 1899-1902. 22 ft. 658

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged alphabetically by initial letter of subject and thereunder numerically. The reports of the board on changes for these vessels are placed together, with related correspondence, after the correspondence filed under the letter "B."

INDEX TO COMMUNICATIONS RECEIVED AND SENT BY THE SUPERINTENDING CONSTRUCTOR RELATING TO THE TRUXTUN, THE WHIPPLE, AND THE WORDEN.

Oct. 1898-Oct. 1902. 1 vol. 1/4 in. 659

A subject index to the correspondence described in entry 658 giving subject and file number. Arranged alphabetically by initial letter of subject.

REGISTER OF COMMUNICATIONS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR RELATING TO THE TRUXTUN, THE WHIPPLE, AND THE WORDEN. Oct. 1898-Oct. 1902. 1 vol. 1/2 in. 660

This register shows date the correspondence was received, subject, writer's file number, name of correspondent, file number of superintending constructor's office, and usually the action taken. Entries relating

Correspondence from the Bureau of Construction and Repair are in red ink. Arranged chronologically by date the correspondence was received. Correspondence to which this register refers, see entry 658.

LETTERS AND ENDORSEMENTS SENT BY THE SUPERINTENDING CONSTRUCTOR RELATING TO THE TRUMTUN, THE WHIPPLE, AND THE WORDEN. Oct. 1898-Feb. 1902; July-Oct. 1902. 5 vols. 5 in. 661
Press copies of letters and endorsements sent. Included with the correspondence are semimonthly time reports for payrolls. Arranged chronologically. Volume 5, covering the period February-July 1902, is missing. Volume 1 has a subject index. This correspondence is duplicated in the correspondence described in entry 658.

REPORTS OF LABOR ON THE TRUMTUN, THE WHIPPLE, AND THE WORDEN. 1901-3. 3 in. 662
Daily reports showing title of job, classes of labor employed on each day, and number of men employed in each class. Included are a few daily reports of the assistant inspector showing items such as frames, hatches, floors; classes of labor employed on each; and number of men employed in each class. Arranged in part chronologically.

MISCELLANEOUS RECORDS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE JASON, THE ORION, AND THE OZARK. 1912-13. 1 in. 663
Letters sent and received and related material pertaining to construction, specifications, changes in design, and trials of these vessels. Most of this material relates to the Jason. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ULYSSES AND THE ACHILLES. 1914-15. 2 ft. 664
Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically by file number. At the end of the series there are a few miscellaneous papers relating to plans and to changes in plans for both vessels, and to the preparations for and a report of the trial of the Ulysses.

Records Relating to Moore and Sons, Elizabethport, N. J.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BANCROFT. Aug. 1890-July 1893. 2 vols. 3 in. 665
Mainly press copies of letters sent to the Bureau, but including some letters sent to the Secretary of the Navy, the commandant of the Navy Yard at League Island, Philadelphia, Pa., and other correspondents as well as two or three letters sent to contractors. Included are weekly reports to the Bureau of correspondence received and semimonthly time reports for payrolls. Arranged chronologically. There is a subject index in each volume.

LETTERS FROM THE CONTRACTOR TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BANCROFT. Aug. 1890-May 1893. 1 vol. 2 in. 666
Letters received. Arranged chronologically.

RECORD OF CHANGES ON THE U. S. PRACTICE VESSEL. 1990-93. 1 vol. 1/2 in. 66

This vessel was a practice vessel for naval cadets and was later named the Bancroft. The volume shows date of submission of change and whether it was submitted by the contractor or the superintending constructor, nature of change, date it was approved by the Bureau, date the contractor was notified of change's approval, date the change was begun, and, in a few cases, date the change was finished. Arranged chronologically.

Records Relating to the Moran Brothers Co., Seattle, Wash.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEBRASKA (BATTLESHIP NO. 14). 1901-7. 15 ft. 667

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. From March 1902 to March 1903 the communications received from the Bureau are copies (for the originals of some of these Bureau communications, see entry 670). Arranged according to a subject-numeric classification scheme (1-319), with an index arranged alphabetically by subject.

COMMUNICATIONS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEBRASKA. Mar. 1902-Feb. 1908. 25 vols. 2 ft. 669

Press copies of letters, endorsements, and a few telegrams sent. Arranged chronologically. There are subject indexes in volumes 1-18. Volume 13, containing the correspondence for most of February and March 1905, is missing. These communications are duplicated in the correspondence described in entry 668.

LETTERS AND TELEGRAMS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEBRASKA. Mar. 1902-Mar. 1903. 3 vols. 6 in. 670

Letters and telegrams received from the Bureau. Arranged chronologically, with a subject index in each volume.

CORRESPONDENCE RELATING TO CHANGES ON THE NEBRASKA. 1901-7. 4 ft. 671

Includes the correspondence of the board on changes as well as that of the superintending constructor relating to changes. The correspondence consists of letters and copies of letters pertaining to the appointment, instruction, convening, and change in membership of the board; letters of the Bureau referring changes to the board; copies of the board's reports; letters of the Bureau approving or disapproving the board's reports; and letters of the Bureau and of the contractors to the superintending constructor and copies of the latter's replies regarding changes on the Nebraska. Arranged according to a subject-numeric classification scheme (901-1322), with an index arranged alphabetically by initial letter of subject.

RECORD OF CHANGES ON THE NEBRASKA. 1901-7. 1 vol. 1/2 in. 672

Shows superintending constructor's file number on each change, nature of change, date and file number of the contractor's and of the superintending constructor's letter on each change, date and number of Bureau's letter referring change to the board on changes, date and number of board's report and date and number of Bureau's letter approving it, the respective

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rates of increase, decrease, or no change in cost made by the superintending constructor and by the contractor and the board's decision. Figures in black ink indicate increase and figures in red ink indicate decrease), and date of certification of bill for each change. Arranged chronologically.

CORRESPONDENCE OF THE CLAIMANT OFFERED IN EVIDENCE IN THE CASE OF THE MORAN BROTHERS vs. THE UNITED STATES (COURT OF CLAIMS NO. 30493). 1901-7. 4 ft. 673

This case arose out of disagreements between the Government and the contractors regarding the cost of changes on the Nebraska and the fairness of the determinations of the board on changes, the contractors being the claimant. The series consists of letters concerning changes received by the Moran Brothers from the superintending constructor and the board on changes, and copies of letters concerning changes sent by the contractors to the superintending constructor. Arranged by changes in numerical order of claim number assigned to each change involved and chronologically thereunder.

PAPERS OF THE GOVERNMENT IN THE CASE OF THE MORAN BROTHERS vs. THE UNITED STATES (COURT OF CLAIMS NO. 30498). 1901-14. 4 ft. 674

A stipulation was made in this case involving the Nebraska contract to the effect that the Government would prepare a printed record of all pertinent documents and correspondence in order to facilitate procedure and to minimize the number of papers offered as exhibits in evidence. The records consist of the galley and page proofs of this stipulation and record, letters and copies of letters and other documents from the files of the superintending constructor and other Government offices that were used for preparing the record, and correspondence incidental to the preparation of the record. Arranged as follows: (1) the main body of correspondence documenting the printed record, arranged chronologically; (2) the galley proofs; (3) the page proofs in numerical order; and (4) additional documentary correspondence and correspondence incidental to the preparation of the record, unarranged.

RECORD OF PLANS OF THE NEBRASKA RECEIVED AND APPROVED. 1905-7. 1 vol. 1 in. 675

Shows subject and number of plan, date it was received and for what purpose (generally for revision), notation that the plan was received from the drafting room, date it was approved, number of blueprints requested and date they were received, and Navy Department bureau from which received. Arranged chronologically.

FINISHED PLANS OF THE NEBRASKA. n.d. 1 vol. 1 in. 676

Plans of valves, drainage systems, signals, communications, electric lighting and power, and other apparatus. Arranged by type of plan, with a table of contents in the volume. The Nebraska was under construction at the Moran Brothers Co. from 1901 to 1917.

Records Relating to the Morgan Iron Works, New York, N. Y.

NO BOOK. Aug. 1895-June 1896. 1 vol. 1 in. 677

Shows name of employee, which days worked during week, total number

of days worked during week, rate of pay per day, and amount paid during week. Arranged chronologically.

PAYROLLS OF EMPLOYEES UNDER THE SUPERINTENDING CONSTRUCTOR. Nov. 1885-June 1886. 1 vol. 2 in. 675

Copies of weekly payrolls showing name of employee, occupation, number of days worked, rate of pay per day, aggregate amount of pay, and amounts due and paid, with weekly recapitulations showing vessels worked on and payroll cost for each. Arranged chronologically.

Records Relating to the Neafie and Levy Shipyard, Philadelphia, Pa.

GENERAL CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1901-6. 3 in. 679

Letters, memoranda, and related papers received and copies of letters and related papers sent concerning construction, changes, equipment and fittings, and similar matters relating to naval vessels. There are also letters from the superintending constructor to the contractors calling the attention of the contractors to the provisions of this correspondence, with specific reference to the St. Louis. Arranged numerically according to a subject-numeric classification scheme in which the subject numbers range from two to five digits but in which the sequence proceeds as if there were a decimal point after the first two digits; and thereunder chronologically.

INDEX TO GENERAL CORRESPONDENCE. 1901-6. 1 ft. 680

A card index to the correspondence described in entry 679 showing subject and file number. Arranged alphabetically by subject.

LETTERS SENT TO THE BUREAU BY THE SUPERINTENDING CONSTRUCTOR. Oct. 1893-Jan. 1904. 2 vols. 2 in. 681

Press copies of letters and a few endorsements relating to various vessels under construction. Most of the letters are of a routine or miscellaneous character, such as letters requesting copies of or acknowledgments of receipts of plans and specifications, letters concerning personnel matters, and letters transmitting weekly reports of correspondence received. Some of the letters, however, contain general information concerning the construction of vessels or information common to several vessels under construction at the company. Included in the volumes are a few reports of the progress of work by the contractor. Arranged chronologically, with a subject index in each volume. The index in the second volume is incomplete. Some of these letters are duplicated in the correspondence described in entry 679.

LETTERS AND ENDORSEMENTS SENT BY THE SUPERINTENDING CONSTRUCTOR.

Oct. 1898-Feb. 1904. 2 vols. 2 in. 682

Press copies of letters and endorsements sent to all correspondents except the Bureau. The correspondence pertains primarily to miscellaneous or routine matters relating to one or more of the vessels under construction by the contractor, such as semimonthly time reports for payrolls and letters concerning personnel matters and office supplies, but included is some correspondence containing general information concerning the

construction of vessels or information common to several vessels under construction at the company. Arranged chronologically, with a subject index in each volume. Some of these letters are duplicated in the correspondence described in entry 679.

MISCELLANEOUS LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR. 1903-7.

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683

Copies of letters sent, most of which are addressed to other naval constructors at various navy yards or in the Bureau of Construction and Repair. They concern items of equipment, or characteristics or specifications of ships built or being built by Neafie and Levy. Included are some letters giving character references and recommendations for employees, some letters relating to changes in orders of enlisted men, and some letters of a personal nature. The few letters for 1907 include letters received as well as letters sent. Arranged chronologically.

SEMIOFFICIAL LETTERS SENT BY THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR.

Jan. 1902-Jan. 1904. 2 vols. 2 in.

684

Press copies of letters sent by the staff of the superintending constructor chiefly to naval constructors at other shipbuilding firms, at the League Island, Philadelphia, Pa., and the New York Navy Yards, or on duty at the Bureau of Construction and Repair in Washington, D. C. These letters, of a semiofficial nature, contain information exchanged between naval constructors for their mutual assistance in solving problems respecting the construction of vessels under their supervision. Many of the letters are requests for or transmittals of copies of plans, specifications, lists of weights, and information on modifications, adaptations, or substitutions made in the construction of various vessels. One of the volumes covers the period October 1902-March 1903 and contains letters from one staff member only. The other volume covers the period January 1902-January 1904 and contains letters sent by several members of the staff. Both volumes are arranged chronologically, with indexes to names and to a few subjects.

LETTERS RECEIVED FROM THE BUREAU BY THE SUPERINTENDING CONSTRUCTOR.

1900-1905. 5 in.

685

Relate to the appointment, resignation, and promotion of individual employees in the office of the superintending constructor and to general matters and instructions concerning material, equipment, and construction procedures. Arranged in general alphabetically by subject. Some of this correspondence is duplicated in that described in entry 686. For registers in which these letters are included, see entry 687.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. Jan. 1902-Oct. 1906.

4 vols. 8 in.

686

Letters and a few endorsements and telegrams received from the Bureau. Most of the letters are general letters of information or instruction applicable to any vessel under construction, but a few of them pertain to specific vessels and others pertain to personnel matters, office equipment and supplies, and other routine matters. For registers in which these letters are included, see entry 687. Arranged chronologically.

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REGISTERS OF COMMUNICATIONS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR.
Oct. 1898-Oct. 1906. 2 vols. 2 in. 687

Registers of communications received from the Bureau showing date received, Bureau file number, type of communication (letter, telegram, or endorsement), "file index" (letter of alphabet indicating initial letter of subject), and subject of communication. For the correspondence to which these registers refer, see entries 635, 686, 715, and 732. Arranged chronologically.

MISCELLANEOUS LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. 1893-1906. 5 in. 688

Most of these letters are from other naval constructors at navy yards or in the Bureau of Construction and Repair in Washington, D. C. They concern items of equipment, or characteristics or specifications of ships built or being built by Neafie and Levy. A few of the letters are of a personal nature. Arranged chronologically from 1903 to 1906, and in roughly chronological order before 1903.

CIRCULAR LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. 1894-1906. 1 vol. and unbound papers. 3 in. 689

Instructions and directives issued by the Navy Department and by the Bureau of Construction and Repair. The bound volume is arranged chronologically; the unbound papers are arranged alphabetically by initial letter of subject. There is some duplication of the material in the volume and in the unbound papers.

TIME ACCOUNT OF EMPLOYEES UNDER THE SUPERINTENDING CONSTRUCTOR. 1899-1902. 2 vols. 2 in. 690

These volumes show employee's name, type of employment, amount of leave taken, time absent, amount of overtime, and balance due the office. Arranged by name of employee and thereunder chronologically, with indexes to names of employees in the volumes.

LEAVE RECORDS OF EMPLOYEES IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1903-6. 9 in. 691

Individual application cards for leave, with notations of the number of days leave already taken in the current calendar year, and individual cards for each employee for each month showing his leave record for that month. The application cards are arranged by name of employee; the other cards are unarranged.

EFFICIENCY REPORTS OF EMPLOYEES IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1905-6. 3 in. 692

Copies of "Semiannual Report of Efficiency" for individuals showing period covered by report; name; position; pay; office of employment; appropriation covering pay; grades as to character, quality, and quantity of work; penalties for infractions of office rules governing punctuality, application to work, and conduct; general average for the 6 months and, on the December reports, the general average for the preceding 6 months and for the year. Included are copies of an "Efficiency List" containing a summary of the above information for employees by classes. Unarranged.

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REFERENCE WORKS IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE TESTING OF EQUIPMENT AND OF COAL. 1895; 1901. 1/2 in. 693

Consist of a printed paperbound publication issued by the Bureau of Equipment in 1895 entitled Reports on the Efficiency of Various Coals Used by U. S. Ships, 1893-95, and two works on ventilation prepared at the New York Navy Yard, in 1901: (1) a booklet of blueprints of drawings and graphs entitled "Results of Ventilation Tests" and (2) a processed report entitled "Report of Certain Hydraulic Tests of Automatic Ventilation Valves"

MISCELLANEOUS PAPERS IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO MATERIAL, EQUIPMENT, AND CONSTRUCTION PROCEDURES. 1898-1903. 3 in. 694

Consist chiefly of copies of Bureau letters addressed to the superintending constructor, but also include blueprints, booklets of instruction, and photographs of vessels under construction. Arranged alphabetically by initial letter of subject.

STATEMENTS AND ACCOUNTS OF EXPENDITURES. 1899-1906. 2 vols. 1 in. 695

These volumes show expenditures for labor, steel plates, rivets, pipes, castings, and forgings used in the construction of a number of vessels, purpose of expenditures, and amounts involved. Arranged by name or class of vessel, thereunder by type of expenditure, and thereunder in roughly chronological order.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO OFFICE SUPPLIES AND DRAFTING MATERIALS. 1901-3. 1 in. 696

Copies of a "Shipping Memorandum" and "Expenditure Invoice" from the General Storekeeper at the New York Navy Yard, both showing name of addressee, title of account, bureau involved, description of items (including quantity and cost), and a dated receipt (apparently the "Shipping Memorandum" was mailed to the addressee separately at the time supplies were sent and the "Expenditure Invoice" was enclosed with or presented at the time of delivery of the supplies), copies of Paymasters' Form 86a showing essentially the same information as that on the "Shipping Memorandum" and "Expenditure Invoice" as well as the method of shipment; copies of letters of the Bureau of Supplies and Accounts to the commandant of the Navy Yard, League Island, Pa., requesting him to direct shipment of the supplies, listed in the letters, to the superintending constructor at Neafie and Levy; a few receipts of the Adams Express Co. for goods delivered to it for shipment; and a letter from the Pennsylvania Railroad Co. transmitting a bill of lading. Arranged in roughly chronological order.

NOTES ON TESTS AND CONSTRUCTION. 1901-6. 1 vol. 1/2 in. 697

This volume contains sketches and diagrams relating to various vessels, and notes on work performed and on inclining experiments of the St. Louis. Unarranged.

DETAILS OF FITTINGS FOR NAVAL VESSELS. 1897. 2 vols. 2 in. 698

Blueprints of airports, anchors, armor, bells, berths, bulkheads, capstans, turrets, windlasses, and other fittings for a number of vessels

constructed at the Neafie and Levy Shipyard. An index to both volumes, in volume 1, shows article and page number and is arranged alphabetically.

RECORD OF PLANS RECEIVED AND SENT. 1901-3. 1 vol. 1 in. 699

This volume contains a record of ships' plans received showing date received, title of plan and frequently name of vessel to which it relates, place from which received (the Bureau of Construction and Repair or various shipyards), action taken on the plan (whether it was filed, loaned, or sent back), and the Neafie and Levy Shipyard's file number, arranged chronologically; a list of plans of the St. Louis and the Denver sent to the Bureau of Construction and Repair showing date, plan number, and title of plan, arranged by name of vessel; a list of plans of destroyers sent to the Bureau of Construction and Repair; and a list of miscellaneous plans sent to other places than the Bureau of Construction and Repair, showing date, title of plan and generally name of vessel to which it relates, and place sent, arranged chronologically. The plan number in the list of plans of the Denver is the constructor's number in the card index described in entry 728.

RECORD OF PLANS RECEIVED. 1902-6. 1 vol. 1 in. 700

Shows date plan was received, plan number, name of vessel and subject of plan, from whom it was received (the Bureau of Construction and Repair or various shipyards), remarks, and file references to correspondence. The volume also includes a list of plans of the St. Louis sent to the Bureau of Construction and Repair, showing date, plan number, file references to contractor's letters and to Bureau letters, and subject of plan. The plan number is the constructor's number in the card index described in entry 759. Arranged chronologically, with an index to plans in the volume.

MISCELLANEOUS RECORDS RELATING TO THE DRAFTING ROOM IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR. 1904-6. 1/2 in. 701

A "list of nonperishable property of the U. S. Government as turned over to League Island Navy Yard C. & R. Drafting Office"; various lists of plans, lithographs, tracings, or blueprints pertaining to the St. Louis and the Denver; receipts for plans, descriptions, and blueprints distributed to officers of the St. Louis and the Denver; and a few items of correspondence regarding such plans or blueprints. Arranged, where applicable, by name of vessel.

MISCELLANEOUS PAPERS RELATING TO OFFICE SUPPLIES FOR THE SUPERINTENDING CONSTRUCTOR. 1914-15. 1/4 in. 702

Include copies of documents--variously called expenditure invoices, shipping transfers, or public bills--all of which show, in slightly different form, the class, title, description, quantity, and cost of supplies. Unarranged.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BAIRBRIDGE. Oct. 1898-July 1903. 2 vols. 2 in. 703

Press copies of letters sent. The letters dated before September 1901 were sent to the Bureau only; the later letters were sent to the Bureau, the contractor, the commandant of the Navy Yard at League Island,

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Philadelphia, Pa., the president of the trial board, and other correspondents. Arranged chronologically. Each volume has a subject index. For other letters sent to the contractor, see entry 710. These letters are duplicated in the correspondence described in entry 709.

REGISTER OF LETTERS SENT AND RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BATERIDGE. Oct. 1898-Apr. 1903. 1 vol. 1/2 in. 704

This volume contains the following three registers: (1) a register of letters received from the Bureau, October 1893-April 1903; (2) a register of letters sent to the Bureau requiring replies, November 1898-June 1900, January-September 1902; and (3) a register of letters sent to the contractor requiring replies, November 1898-June 1900, January-August 1902. The register of letters received gives date of receipt, Bureau's file number, and subject. The registers of letters sent give such information as date of letter, page on which it is copied in the letters-sent books, subject, number and kinds of enclosures, date of reply, and remarks. All three registers are arranged chronologically. For the letters-sent books referred to in the second register, see entry 703. The letters-sent book referred to in the third register is described in entry 710. For the correspondence to which all three registers refer, see entry 709.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BARRY (TORPEDO BOAT DESTROYER NO. 2). Oct. 1898-July 1903. 1 vol. 1 in. 705

Press copies of letters sent. The letters dated before December 1901 were sent to the Bureau only; thereafter they were sent to the Bureau, the contractors, and other correspondents. Arranged chronologically. There is a subject index. For other letters sent to the contractor, see entry 710. These letters are duplicated in the correspondence described in entry 709.

REGISTER OF LETTERS SENT AND RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BARRY. Oct. 1898-Apr. 1903. 1 vol. 1/2 in. 706

This volume contains three registers: (1) a register of letters received from the Bureau, October 1893-April 1903; (2) a register of letters sent to the Bureau requiring replies, November 1898-March 1900, January-September 1902; and (3) a register of letters sent to the contractor requiring replies, June 1899-September 1900, January-September 1902. The register of letters received gives date of receipt, Bureau's file number, and subject. The registers of letters sent give date of letter, page on which it is copied in the letters-sent books, subject, number and kinds of enclosures, date of reply, and remarks. All three registers are arranged chronologically. The letters-sent book referred to in the second register is described in entry 705. Most of the references to the letters-sent books in the third register are to the volume described in entry 710, but a few of the later references are to the volume described in entry 705. For the correspondence to which all three registers refer, see entry 709.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE CHAUNCEY
(TORPEDO BOAT DESTROYER NO. 3). Oct. 1898-Oct. 1903. 1 vol. 1 in.

707

Press copies of letters and a few endorsements sent. The letters dated before October 1901 were sent to the Bureau only; thereafter they were sent to the Bureau, the contractor, and other correspondents. Arranged chronologically. There is a subject index. For other letters sent to the contractor, see entry 710. These letters are duplicated in the correspondence described in entry 709.

REGISTER OF LETTERS SENT AND RECEIVED BY THE SUPERINTENDING CONSTRUCTOR
CONCERNING THE CHAUNCEY. Oct. 1898-Mar. 1903. 1 vol. 1/2 in. 708

This volume contains the following three registers: (1) a register of letters received from the Bureau, October 1898-March 1903; (2) a register of letters sent to the Bureau requiring replies, November 1898-March 1900, January-September 1902; and (3) a register of letters sent to the contractor requiring replies, November 1898-June 1900, January-September 1902. The register of letters received gives date of receipt, Bureau's file number, and subject. The registers of letters sent give date of letter, page on which it is copied in the letters-sent books, subject, number and kinds of enclosures, date of reply, and remarks. All three registers are arranged chronologically. For the letters-sent book referred to in the second register, see entry 707. Most of the references to letters-sent books in the third register are to the volume described in entry 710, but a few of the later references are to the volume described in entry 707. For the correspondence to which all three registers refer, see entry 709.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BAINBRIDGE, THE BARRY, AND THE CHAUNCEY. 1898-1903. 2 ft.

709

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged chronologically. For the registers to this correspondence, see entries 704, 706, and 708.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BAINBRIDGE,
THE BARRY, AND THE CHAUNCEY. Oct. 1898-May 1903. 1 vol. 1 in. 710

Press copies of letters sent to the contractor. Arranged chronologically, with a subject index. For copies of other letters sent to the contractor pertaining to these vessels, see entries 703, 705, and 707. These letters are duplicated in the correspondence described in entry 709.

LETTERS SENT TO THE BUREAU BY THE BOARD ON CHANGES FOR THE BAINBRIDGE,
THE BARRY, AND THE CHAUNCEY. Sept. 1899-Nov. 1902. 2 vols. 2 in.

711

Press copies of letters sent. Included in the volumes are some weekly reports of letters received from the Bureau. Arranged chronologically. There is a subject index in the first volume.

RECORD OF CHANGES ON THE BAINBRIDGE, THE BARRY, AND THE CHAUNCEY. 1898-
1902. 1 vol. 2 in.

712

Shows nature of change, respective estimates of the contractors and of the superintending constructor as to increase, decrease, or no change in cost involved by the change, date of submission of change to the Bureau

with a separate reference number for each vessel, date of Bureau's approval with a separate reference number for each vessel, and amount determined by the board. The changes were the same for all three vessels and are listed only once; the different correspondence references for the several vessels are indicated for each change. Arranged in roughly chronological order. There is a subject index arranged alphabetically by initial letter of subject.

REGISTER OF CHANGES AUTHORIZED FOR THE BAINBRIDGE, THE BARRY, AND THE CHAUNCEY. Nov. 1898-Dec. 1902. 1 vol. 1/2 in. 713

This volume contains a register of changes for each of the three vessels showing date the superintending constructor submitted changes to the Bureau and number of letter (see entries 703, 705, and 707 for copies of the letters), nature of changes, date the Bureau referred matter to the board on changes, correspondence file number of Bureau's letter, date the board forwarded report to the Bureau, number of report, page on which report is copied in the letters-sent book (see entry 711), date the Bureau approved report, amount of increased or diminished cost, and date the bills for the changes were certified. Arranged by name of vessel and thereunder in roughly chronological order. There is a subject index.

LETTERS AND ENDORSEMENTS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DENVER. Dec. 1899-June 1905. 5 vols. 6 in. 714

Press copies of letters and some endorsements sent. Arranged chronologically. There is a subject index to the first three volumes. For a register relating to some of these letters, see entry 717.

LETTERS RECEIVED FROM THE BUREAU BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DENVER. 1899-1905. 6 in. 715

Letters containing instructions regarding the carrying out of various parts of plans and specifications of the vessel, requesting the superintending constructor to obtain proposals in this connection from the contractors, and approving such proposals of the contractors. A number of letters relate to changes in plans and specifications. Arranged chronologically in three groups (1899-1901, 1902, and 1903-5) and thereunder alphabetically by initial letter of subject. For registers to this correspondence, see entries 687 and 717.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DENVER. 1900-1904. 3 in. 716

Most of this correspondence consists of copies of letters received from the Bureau regarding the manner of carrying out the plans and specifications of the Denver, but there are also a few copies of letters received from other sources. Included are copies of letters sent by the superintending constructor to the contractors transmitting the Bureau's instructions to the contractors or requesting them to furnish proposals in connection with the construction or changes in construction. Arranged alphabetically by initial letter of subject. The originals of some of these letters are in the correspondence described in entry 715.

REGISTER OF CORRESPONDENCE WITH THE BUREAU CONCERNING THE DENVER. Nov. 1899-May 1903. 1 vol. 1 in. 717

This volume contains (1) a register of communications received (see

entry 715) from the Bureau showing date received, Bureau's file number, kind of communication (letter, endorsement, or telegram), and subject; and (2) a register of letters sent to the Bureau requiring replies, showing date and number of letter, page number in letters-sent books (see entry 714 for copies of these letters), subject, estimated cost if there were changes in design, documents enclosed, date approved or replied to, and remarks. Both parts of the volume are arranged chronologically.

LETTERS RECEIVED FROM THE CONTRACTORS BY THE SUPERINTENDING CONSTRUCTOR FOR THE DENVER. 1899-1903. 6 in. 718

Letters acknowledging receipt of instructions or other correspondence from the superintending constructor, proposing methods of carrying out plans and specifications, giving estimates of cost of changes in plans and specifications, and notifying the superintending constructor of firms contracted with for materials. Arranged alphabetically by initial letter of subject.

MISCELLANEOUS CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DENVER. 1900-1905. 1 ft. 719

Letters received from the Bureau, other naval constructors, the contractors, the inspectors of machinery, equipment, and ordnance, and business firms proposing to furnish material or equipment; copies of letters sent by the superintending constructor to these correspondents; and accompanying enclosures and related papers such as memoranda, allowance lists, specifications of various items of equipment, and tables of weights. This correspondence is concerned with details of carrying out the plans and specifications of the vessel. It does not appear to be duplicated in other series covering this period. Arranged in part alphabetically by subject and in part unarranged.

LETTERS SENT TO THE BUREAU BY THE BOARD ON CHANGES FOR THE DENVER.

Dec. 1900-May 1904. 1 vol. 1 in. 720

Press copies of letters sent. Included are some weekly reports of letters received from the Bureau. Arranged chronologically, with a subject index.

LETTERS RECEIVED FROM THE BUREAU BY THE BOARD ON CHANGES FOR THE DENVER. 1900-1904. 3 in. 721

Letters referring changes to the board for determination of increase or decrease in cost involved by the change; and letters approving or disapproving reports of the board. The letters referring changes to the board are arranged alphabetically by subject of change; the letters approving or disapproving the board's reports are arranged by subject of change, the subjects being in no particular order.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING CHANGES ON THE DENVER THAT WERE ACTED ON BY THE BOARD ON CHANGES. 1900-1904. 3 in. 722

Copies of letters received from and sent to the Bureau and the contractor, with notations showing action taken by the board on changes. Arranged by subject of change.

REGISTER OF CHANGES AUTHORIZED FOR THE DENVER. June 1900-May 1904.

1 vol. 1/2 in.

723

This volume shows date the superintending constructor submitted changes to the Bureau and number of letter (see entry 714 for copies of these letters), nature of changes, date the Bureau referred subject to the board on changes, file number of Bureau's letter, date the board forwarded report to the Bureau, number of report and page on which it is copied in the letters-sent book (see entry 720), date the Bureau approved report, amount of increased or diminished cost, and date the bills for changes were certified. Arranged in roughly chronological order, with a subject index.

RECORD OF PROPOSED CHANGES ON THE DENVER. 1902-4. 1 vol. 1/4 in. 724

This volume shows change proposed and by whom originated, date it was received by the superintending constructor, date of superintending constructor's estimate, date the estimate was submitted by the superintending constructor, date the estimate was received, and date it was approved by the Bureau of Construction and Repair or the Navy Department. Arranged chronologically.

REPORTS OF MATERIAL SHIPPED FOR THE DENVER. 1900-1904. 3 in. 725

Copies of the Bureau's "Reports of Material Shipped" and of shipping sheets of the Carnegie Steel Co., Pittsburgh, Pa. The reports show supplying company, date of shipment, method of shipment, inspector's name, kind of material, Bureau's number, order number, heat number, dimensions, location marks, weight, and number of pieces, with an accompanying certificate by the inspector that the material had passed the prescribed Government tests and with a notation of the date the report was received in the office of the superintending constructor. The shipping sheets contain similar information, but they omit the Bureau's number. Arranged in general chronologically.

REQUISITIONS FOR MATERIAL FOR THE DENVER. 1899-1903. 2 in. 726

Copies of contractor's requisitions showing number, date, firm from which material was ordered, a description of item or material ordered, and a notation of the date the copy of the requisition was received in the office of the superintending constructor. A few items of correspondence concerning the requisitions, such as requests for cancellation or modification, are included. Arranged in general alphabetically by initial letter of item or material ordered.

PAPERS RELATING TO PAYMENT INSTALLMENTS UNDER THE CONTRACT FOR THE DENVER. 1900-1903. 2 in. 727

Copies of joint certificates by the superintending constructor and the inspector of machinery for the 1st through the 18th installment stating that work had progressed sufficiently to entitle the contractor to the installment in question and showing total amount of installment and amounts applied to the hull, to the machinery, and to the 10 percent reservation. Included are letters of the contractors making application for the various installments and rough data sheets itemizing, by class, the quantity of material and, by class of workman, the number of hours of labor involved in each installment. The joint certificates are arranged in numerical order, but some of the other papers are disarranged.

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INDEX RELATING TO THE DENVER. n.d. 2 ft.

728

Cards showing subject, a file number (unidentified), and, where applicable, builder's and superintending constructor's plan numbers. Most of the entries relate to plans. The documents to which this index relates have not been found. Arranged alphabetically by subject.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ST. LOUIS. 1901-6. 6 ft.

729

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

INDEX TO CORRESPONDENCE CONCERNING THE ST. LOUIS. 1901-6. 2 ft.

730

A card index to the correspondence described in entry 729 showing subject and file number. Arranged alphabetically by subject.

LETTERS AND ENDORSEMENTS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ST. LOUIS. Mar. 1901-Oct. 1907. 10 vols. 1 ft.

731

Press copies of letters and endorsements sent. Arranged chronologically. The first volume has a subject index. Many of these letters are duplicated in the correspondence described in entry 729. For a register relating to some of these letters, see entry 733.

LETTERS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ST. LOUIS. Mar. 1901-Oct. 1906. 5 vols. 10 in.

732

Letters and a few telegrams and endorsements received from the Bureau. Arranged chronologically. For registers referring to these communications, see entries 687 and 733.

REGISTER OF LETTERS SENT AND RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ST. LOUIS. Mar. 1901-May 1903. 1 vol. 1/2 in.

733

This volume contains the following three registers: (1) a register of letters received from the Bureau, March 1901-May 1903; (2) a register of letters sent to the Bureau requiring replies, January 1902-May 1903; and (3) a register of letters sent to the contractor requiring replies, December 1901-May 1903. The register of letters received gives date of receipt, Bureau's file number, and subject; it refers to the letters received that are described in entry 732. The two registers of letters sent give date of letter, page on which it is copied in the letters-sent book described in entry 731, subject, number and kinds of enclosures, date of reply, and remarks. All three registers are arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE ALLOWANCE LIST, WEIGHT DATA, AND CONTRACT PAYMENTS OF THE ST. LOUIS. 1902-6. 1/2 in.

734

Consists chiefly of copies of letters from the Bureau to the superintending constructor and copies of letters from the superintending constructor transmitting Bureau instructions or information to the contractor. Arranged in general chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO CHANGES ON THE ST. LOUIS. 1901-6. 1 ft.

735

Copies of letters received from and sent to the Bureau.

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of steel plates and shapes, rivets, pipe, and armor used in the construction of the St. Louis. Arranged by type of material and thereunder in roughly chronological order.

REQUISITIONS FOR MATERIAL FOR THE ST. LOUIS. 1901-5. 6 in. 71-

The superintending constructor's copies of requisitions sent by the contractor to his suppliers, showing articles and quantity requisitioned and estimated cost. Included are a number of letters from the contractors transmitting copies of requisitions to the superintending constructor and a few letters received by the superintending constructor from the inspector of hull material at the Homestead Steel Works, Munhall, Pa., regarding Neafie and Levy requisitions. Arranged numerically. There is an index to these requisitions, arranged alphabetically. There is also a numerical list, in which each requisition is identified by its number, giving date of action taken in connection with the requisition.

PAPERS RELATING TO PLANS AND SPECIFICATIONS OF THE ST. LOUIS. 1902-4. 2 in. 713

Copies of letters from the Bureau to the superintending constructor, copies of letters from the superintending constructor to the contractors, and copies of letters from the contractors to the superintending constructor; a number of blueprints ("inboard profile," "main deck," "berth deck," and others); and a list of standard plans in the office of the superintending constructor. Arranged chronologically.

RECORD OF WEIGHTS OF MATERIALS FOR THE ST. LOUIS. 1902-5. 4 vols. 2 in. 711

Gives a brief description of materials used in the construction of the St. Louis, together with their weights. Arranged in roughly chronological order in two series--one series for Mondays, Wednesdays, and Fridays and the other for Tuesdays, Thursdays, and Saturdays.

LIST OF ARTICLES SCRAPPED FROM THE ST. LOUIS. 1902-5. 1 vol. 1/4 in. 715

This volume lists plates, angles, beams, and similar materials scrapped in the construction of the St. Louis, together with their weights. Arranged chronologically.

PAINT ACCOUNT OF THE ST. LOUIS. 1902-5. 1 vol. 1/4 in. 716

This volume lists the quantities of oil, paint, turpentine, varnish, shellac, gasoline, and alcohol requisitioned or used in the construction of the St. Louis. Arranged chronologically.

ESTIMATES OF VALUE OF MATERIAL AND LABOR EMPLOYED IN BUILDING THE ST. LOUIS. 1902; 1905-6. 3 in. 717

The reports in the main body of these estimates for the period January 1905-July 1906, with two or three reports each for most of the months show estimated net value of labor and material and other charges expended by the contractors on the hull, including equipment and installation of ordnance; estimated value of materials inspected and accepted but not used; "total estimated value of the vessel under that part of the contract

signed to the hull"; percentage of completion; and gross amount due contractors, gross amount paid the contractors, and net amount due contractors. Appended are detailed data on which the above information is based. Similar information, in somewhat different form, is given for the months of January through November 1902, and December 1901, and August 1903. There is also an undated report showing grand total cost of the ship under the contract as broken down into 46 items, mostly materials but including labor, general superintendence, office expenses, insurance, cost of launching, and trial trip and docking expenses. Some related rough memoranda and a few miscellaneous papers relating to estimates of value of the Charleston and the Louisiana are also included. Arranged by type of report and thereunder chronologically, except for the rough memoranda and miscellaneous papers which are unarranged.

REPORTS OF WEIGHT OF THE ST. LOUIS. Sept. 1902-Mar. 1906. 2 in. 748

Monthly reports showing weight added by class of material, previous total weight reported for each class, total weight to date, total weight added to ship for month being reported, previous total weight added to ship, and total weight to date; and quarterly reports showing total weight added by class of material for each month of quarter, total weight added by class of material for quarter, total weight added by class of material for preceding quarter, total weight for each class of material to date, total weight added to ship for quarter, total weight for preceding quarter, and total weight of ship to date. The quarterly reports also recapitulate this information under the following headings: hull complete, hull fittings, protection, steam engineering, equipment, ordnance, and outfit and stores. Arranged chronologically.

WEIGHT DATA RELATING TO THE ST. LOUIS. 1902-7. 3 ft. 749

Most of this material consists of rough data sheets, listing name of part or item (such as rivets, bolts, brackets, hinges, hatch coaming, and plates for bulkhead), number of pieces or parts, location on ship, and weight. There are also typewritten reports giving weight data to the superintending constructor for items supplied by or under the jurisdiction of the General Storekeeper at the League Island Navy Yard, the naval constructor at the Portsmouth Navy Yard, and the inspector of machinery for the Navy at Neafie and Levy. There is also a memorandum of instructions from the Bureau regarding the preparation of the final weight report of vessels. Arranged chronologically.

INSPECTION REPORTS OF MATERIALS FOR THE ST. LOUIS. 1903-4. 1 vol. 750

1/2 in.

Show date of inspection, material inspected, initials of inspecting official, result of inspection, and related remarks. Arranged in roughly chronological order.

RESULTS OF TESTS AND INSPECTIONS OF PARTS AND EQUIPMENT ON THE ST. LOUIS. 1903-4. 1/2 in. 751

Consist of rough data, on memorandum slips and cards, relating almost entirely to parts or items of equipment condemned when tested or inspected during construction of the vessel. Arranged in general chronologically.

RECORD OF MATERIALS RECEIVED AND INSTALLED ON THE ST. LOUIS. 1903-6.

1 vol. 1/2 in.

752

A record of steel plates, castings, armor, rivets, and forgings and of anchor, cable, and steering gear used in the construction of the St. Louis showing date of material's receipt, name of manufacturer and inspector, date of installation, weight, and a brief description of the material. Arranged by type of material, with an alphabetical index in the front of the volume. The volume also contains a short chronological listing of materials received or installed aboard the St. Louis, giving a brief description, together with quantities and weights.

DRAFTING ROOM RECORD BOOK OF THE ST. LOUIS. 1904-5. 1 vol. 1/4 in.

753

This volume contains a list of plans and blueprints of the St. Louis, submitted for approval. It shows dates the plans and blueprints were received, returned, resubmitted, forwarded, and approved. Arranged in roughly chronological order.

RECORDS RELATING TO DRAINAGE AND WATER SYSTEMS OF THE ST. LOUIS. 1904-6.

3 vols. 1 in.

754

Show number of flanges, distance pieces, valves, strainers, and tanks required and installed in the construction of the St. Louis, with their dimensions, composition, location, and weight. Arranged by type of material or location aboard vessel. One volume also contains a chronological listing of materials received or installed, giving a brief description of the materials, their quantities, and weights.

MEMORANDA REGARDING WORK ON THE ST. LOUIS. 1905. 1 vol. 1/2 in.

755

This volume was evidently intended to contain a record of work to be done in various sections of the St. Louis. It contains headings relating to the work, but there are no entries thereunder. Arranged by section of vessel and thereunder by compartment.

REPORT OF THE SUPERINTENDING CONSTRUCTOR ON DETAILED FINISHED WEIGHTS OF THE ST. LOUIS. 1906. 2 in.

756

Shows the general class of apparatus, equipment, and parts of the vessel, specific items thereunder and their weights, and total weights. Arranged numerically by general class number. Included in the report are an index, arranged alphabetically by name of item, showing general class (group) number and page number, and a summary, arranged numerically by general class number, showing total weights of general classes. Accompanying the report are working papers containing tabulations of weights.

MISCELLANEOUS RECORDS RELATING TO THE ST. LOUIS. 1906-7. 1/2 in.

757

Include an "Allowance List of Equipage and Supplies" (1903 edition), a list of work remaining to be done when the vessel was delivered to the Government (dated August 14, 1906), and correspondence between the superintending constructor and the Bureau regarding tonnage calculations (1907). Unarranged.

LISTS OF MATERIALS FOR THE ST. LOUIS. n.d. 3 vols. 2 in.

758

Lists of materials required for doors, hatches, plates, beams, frames,

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... and braces installed aboard the St. Louis. Arranged by type of material or location aboard ship.

... RELATING TO THE ST. LOUIS. n.d. 5 ft. 759
... showing subject, a file number (unidentified), and, where applicable, builder's and superintending constructor's plan numbers. Most of the entries relate to plans. The documents to which this index refers have not been found. Arranged alphabetically by subject.

Records Relating to the Newport News Shipbuilding and Dry Dock Co.
Newport News, Va.

MISCELLANEOUS RECORDS OF THE SUPERINTENDING CONSTRUCTOR. 1898-1906.

3 in. 760

Relate chiefly to the Virginia, the Nevada, the Wilmington, and the Albatross. The records consist of blueprints, reports of trials, specifications, papers relating to claims, and working papers. Some of the papers were received from superintending constructors at other shipyards, apparently for the information of the superintending constructor in connection with ships building at the Newport News Shipbuilding and Dry Dock Co. The Nevada was constructed at the Bath Iron Works, Bath, Maine, and the other three vessels were constructed at the Newport News Shipbuilding and Dry Dock Co. Unarranged.

RECEIPTS FOR SUPPLIES FROM THE INSPECTOR OF ORDNANCE. 1904-8. 2 vols.

4 in. 761

Receipts for carriages, slides, shields, rifles, ammunition hoists, elevating gear, and range transmitters installed aboard various vessels. Arranged in roughly chronological order.

STANDARDS FOR PREPARING PLANS. n.d. 1 vol. 1 in. 762

This volume is entitled "Standards, Office of the Superintending Constructor, United States Navy, Newport News, Va." It contains standards for measurements, drawing sizes, the preparation of drawings, title pages, and lettering, with instructions for making calculations, filing plans, and keeping office records. Arranged by subject, with an alphabetical index to subjects.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING AMMUNITION

LIGHTER NO. 24. 1912-13. 3 in. 763

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING AMMUNITION LIGHTER NO. 24. 1912-13.

1 in. 764

A card index to the correspondence described in entry 763 showing subject, occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and the subjects to which they relate.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
ARKANSAS. 1898-1903. 3 ft.

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE ARKANSAS. 1898-1903. 6 in.

A card index to the correspondence described in entry 765, showing name of vessel, subject and file number of correspondence, and occasionally the file number and date of Bureau's correspondence. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and then under subnumbers and the subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE ARKANSAS. 1900-1902. 5 in.

Copies of memoranda from the senior member of the board to the Bureau stating changes recommended and copies of reports concerning changes in cost involved, memoranda from the Bureau approving or disapproving the board's reports, and pertinent letters from inspectors of equipment and of ordinance. Arranged numerically by change number (301-411).

RECORD OF CHANGES ON THE ARKANSAS. Jan. 1899-May 1903. 1 vol. 1/2 in.

Shows change number, the superintending constructor's correspondence file number, date of approval by the Bureau and its correspondence file number, amount of increase or decrease in cost as estimated by the superintending constructor and the contractor, date the matter was referred to the board on changes, date of board's report, amount of increase or decrease recommended by the board, date the board's report was approved, date of certification of bills, and remarks. Arranged numerically by change number (301-411). There is a subject index in the volume.

MISCELLANEOUS RECORDS CONCERNING THE ARKANSAS. 1898-1900. 2 in.

Booklets containing blueprint plans, a copy of the contract for the construction of the vessel, plumbing specifications, launching data, and memoranda and lists of equipage and supplies. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
CHARLESTON. 1902-6. 3 ft.

Letters, memoranda, endorsements, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE CHARLESTON. 1902-6. 6 in.

A card index to the correspondence described in entry 770, showing name of vessel, subject and occasionally an abstract of the correspondence, file number, and sometimes date of the correspondence. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and then under subnumbers and subjects to which they relate.

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CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE CHARLESTON. 1902-6.

6 in.

772

Copies of memoranda from the senior member of the board to the Bureau showing changes recommended and of reports concerning changes in cost in 1904, memoranda from the Bureau approving or disapproving the board's reports, and pertinent letters from inspectors of other Navy Department bureaus. Arranged numerically by change number (1401-1497).

RECORDS IN THE CASE OF THE NEWPORT NEWS SHIPBUILDING AND DRYDOCK CO.

vs. THE UNITED STATES (COURT OF CLAIMS NO. 30374). 1901-27. 9 in.

773

This case involved the Charleston. The Newport News Shipbuilding and Dry Dock Co., failing to complete and deliver the vessel on the date specified in the contract, sued for damages on the ground that this failure was because of delay in the delivery of side-belt armor. The records are as follows: exhibits of the claimant consisting of photostats of receipts for equipment, correspondence with the Bureau concerning the installation of guns and gun foundations, progress reports, contractor's armor record, and weight calculations of armor, arranged numerically by exhibit number (3-11); exhibits of the defendant consisting of copies of "hypothetical questions" describing events that occurred in connection with arming of the ship and posing questions relating thereto, arranged alphabetically (A-E); and miscellaneous papers consisting of a photostat of the contract (1901), photostats of correspondence with the Department of Justice (1927), photostats of documents relating to changes and to payments, and a copy of the damage claim, unarranged. Most of the material is dated during the period of the vessel's construction, 1902-6.

REQUISITIONS FOR EQUIPMENT AND SUPPLIES FOR THE CHARLESTON. 1903-5.

1/2 in.

774

Open-purchase requisitions showing articles and quantities required, estimated cost, and appropriation to which they were to be charged. Some related correspondence with the Paymaster General of the Navy and with the commandant and paymaster of the Norfolk Navy Yard is included. Unarranged.

STORE INVOICES OF ARTICLES FOR THE CHARLESTON. 1905. 1/2 in.

775

Lists of articles shipped or issued by the General Storekeeper at the Norfolk Navy Yard for the Charleston, showing articles, quantity, and unit price. Unarranged.

MISCELLANEOUS RECORDS CONCERNING THE CHARLESTON. 1903-6. 2 in.

776

Booklets of blueprint plans, specifications, lists of articles invoiced to the Charleston, and lists of equipage and supplies. Some of these items bear file numbers showing that they were enclosures to the correspondence described in entry 770. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DELAWARE.

1903-15. 10 ft.

777

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 163.

INDEX TO CORRESPONDENCE CONCERNING THE DELAWARE. 1908-10. 1 ft. 772

A card index to the correspondence described in entry 777, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE DELAWARE. 1907-10. 6 in. 779

Letters from the Bureau referring changes to the board, reports of the board relating to changes in cost involved and stating whether or not the changes should be made, and notifications from the Bureau of approval or disapproval of the reports. Arranged numerically by change number (4000-4114).

RECORD OF CHANGES ON THE DELAWARE. 1907-10. 1 vol. 1/4 in. 780

Shows nature of change, change number, file reference to correspondence of the superintending constructor, estimates of increase or decrease in cost submitted by the constructor and the contractor, date of referral to the board on changes, findings of the board, date of approval and certification of payment, and remarks. Arranged numerically by change number.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE FANNING. 1911-13. 3 ft. 781

Letters, memoranda, endorsements, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE FANNING. 1911-13. 5 in. 782

A card index to the correspondence described in entry 781 showing subject and file number of correspondence. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE FANNING. 1911-13. 2 ft. 783

Copies of the board's reports to the Bureau on the cost of the changes and of letters received from the Bureau and from the senior member of the Board on Hull Changes for the Atlantic Coast. Arranged numerically by change number (8000-8025).

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING FUEL OIL BARGES NOS. 5 AND 6. 1913-15. 1 ft. 784

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING FUEL OIL BARGES NOS. 5 AND 6. 1913-15. 3 in. 785

A card index to the correspondence described in entry 784, showing

subject and file number of correspondence. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers of subjects to which they relate.

INSTRUCTIONS AND PROPOSALS FOR FUEL OIL BARGES NOS. 5 AND 6. 1913.
1 in. 786

Printed copies of hull specifications and proposals for furnishing equipment. Arranged by type of material.

DESIGNED PLANS OF THE HELENA AND THE WILMINGTON. 1399. 2 vols. 3 in.
787

Plans of pumping, drainage, and ventilation systems, fittings, blocks, boats, hardware, and stanchions. Arranged by type of plan, with tables of contents in the volumes and lists of contents on the outside of the volumes. These are volumes 3 and 4 of what is probably a four-volume set.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ILLINOIS. 1397-1910. 7 ft.
788

Letters, reports, and memoranda received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE ILLINOIS. 1397-1910. 1 ft. 789

A card index to the correspondence described in entry 788, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

RECORD OF CHANGES ON THE ILLINOIS. Nov. 1896-Feb. 1902. 1 vol. 1/2 in.
790

Shows date the change was submitted by the contractor or superintending constructor, nature of change, superintending constructor's and contractor's cost estimates and date of forwarding them to the Bureau, date of Bureau's approval, date the contractor was notified, change in cost determined by the board, date of approval of board's report, and date of approval of bills for the change. Arranged chronologically.

MISCELLANEOUS RECORDS RELATING TO THE ILLINOIS. 1896-1902. 6 in. 791

Include plumbing specifications; reports on cost and valuation of the vessel; painting specifications; reports on painting, docking, and trials; lists of plans; booklets of plans; and a few items of correspondence. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE KEARSARGE AND THE KENTUCKY. 1896-1900. 9 ft.
792

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

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RECORD OF CHANGES ON THE KEARSARGE AND THE KENTUCKY. Feb. 1896-
July 1900. 1 vol. 1 in. 751

Shows date the change was submitted by the contractor or superintending constructor, nature of the change, superintending constructor's and contractor's cost estimates and date of forwarding them to the Bureau, date of Bureau's approval, date the contractor was notified, change in cost determined by the board, date of approval of board's report, and date of approval of bills for the change. Arranged chronologically.

FINISHED PLANS OF THE KEARSARGE AND THE KENTUCKY. 1900. 4 vols. 10 in. 791

General plans, hull plans, and plans of pumping, drainage, ventilation, various kinds of gear and apparatus, armor, turrets, rigging, ladders, hatches, and rooms, with descriptions of methods of installing, care, operations, and tests of apparatus. Arranged by type of plan, with tables of contents in the volumes.

MISCELLANEOUS RECORDS RELATING TO THE KEARSARGE AND THE KENTUCKY.
1896-1900. 6 in. 795

Include lists of unfinished work, lists of equipage and supplies and related correspondence, reports on cost and valuation of the vessels, and reports of weights. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE LOUISIANA.
1903-11. 6 ft. 796

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE LOUISIANA. 1903-11. 9 in. 797

A card index to the correspondence described in entry 796, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE LOUISIANA. 1903-7. 8 in. 798

Letters from the Bureau referring changes to the board, copies of the board's reports on changes in cost involved, and letters from the Bureau approving or disapproving the board's reports. Arranged numerically by change number (1701-1840).

RECORD OF CHANGES ON THE LOUISIANA. May 1903-Nov. 1907. 1 vol. 1/2 in. 799

Shows change number, file number of superintending constructor's letter, nature of change, superintending constructor's and contractor's cost estimates, date and file number of Bureau's letter referring change to the board, date of board's report and amount of increased or decreased cost determined by the board, date of approval of board's report by the Bureau, and dates of certification of bills for cost of changes. Arranged

logically, with a subject index in the volume arranged alphabetically by initial letter of subject.

RECORDS RELATING TO THE LOUISIANA. 1905-7. 3 in. 800
Includes reports of unfinished work, reports of tests of watertight compartments, lists of articles shipped or issued by the General Storekeeper at the Navy Yard, receipts for equipment, and requisitions for supplies and equipment. Arranged by type of material.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MARYLAND. 1902-3. 5 ft. 801
Includes letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE MARYLAND. 1902-6. 8 in. 802
Includes letters from the Bureau referring changes to the board, copies of the board's reports on changes in cost involved, and letters from the Bureau approving or disapproving the board's reports. Arranged numerically by change number (801-946).

BOARD OF CHANGES ON THE MARYLAND. July 1901-Oct. 1906. 1 vol. 1 1/2 in. 803
Shows change number, file number of superintending constructor's letter, nature of change, superintending constructor's and contractor's cost estimates, date and file number of Bureau's letter referring change to the board, date of board's report and amount of increased or decreased cost determined by the board, date of approval of board's report by the Bureau, and dates of certification of bills for cost of changes. Arranged chronologically. There is a subject index in the volume, arranged alphabetically by initial letter of subject.

RECORDS IN THE CASE OF THE NEWPORT NEWS SHIPBUILDING AND DRY DOCK CO. vs. THE UNITED STATES (COURT OF CLAIMS NO. 30374). 1901-5. 2 ft. 804

This case involved the Maryland. The Newport News Shipbuilding and Dry Dock Co.'s claim was for damages alleged to be caused by delay in delivery of the 2 1/2-inch superstructure armor. The records are as follows: exhibits of the claimant consisting of photostats of correspondence with the Bureau relating to extensions of contract time, guns, gun foundations, and other equipment for armor, of receipts for equipment, of progress reports, of contractor's armor record, and of calculations of weights of armor, arranged numerically by exhibit number (2-26); exhibits of the defendant consisting of copies of reports of a Navy Department civilian technical assistant concerning the Navy Department's side of the case, with comments on the claimant's exhibits, arranged alphabetically (A-H); and miscellaneous papers consisting of a copy of the damage claim, additional copies of some of the defendant's exhibits described above, and photostats of reports of costs of changes and "hypothetical questions" (statements of events that occurred during the construction of the vessel and questions relating thereto) prepared by the Navy Department civilian technical assistant assigned to the case, unarranged.

INVOICES AND REQUISITIONS FOR EQUIPMENT FOR THE MARYLAND. 1904-6.

2 in.

Store invoices of articles shipped or issued by the General Storekeeper at the Norfolk Navy Yard, with accompanying receipts for the articles, and open-purchase requisitions for supplies and equipment. Arranged by type of material.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MINNESOTA. 1903-13. 5 ft.

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry L63.

INDEX TO CORRESPONDENCE CONCERNING THE MINNESOTA. 1903-13. 9 in.

A card index to the correspondence described in entry 806, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE MINNESOTA. 1903-10.

1 ft.

Letters from the Bureau submitting changes, copies of board's reports on changes in cost involved, and letters from the Bureau approving or disapproving the board's reports. Arranged numerically by change number (2001-2118).

RECORD OF CHANGES ON THE MINNESOTA. Dec. 1903-Nov. 1907. 1 vol. 1/2 in.

Shows change number, file number of superintending constructor's letter, nature of change, superintending constructor's and contractor's cost estimates, date and file number of Bureau's letter referring change to the board, date of board's report and amount of increased or decreased cost determined by board, date of approval of board's report by the Bureau, and dates of certification of bills for cost of changes. Arranged chronologically. There is a subject index in the volume, arranged alphabetically by initial letter of subject.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MISSOURI. 1900-1910. 4 ft.

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry L63.

INDEX TO CORRESPONDENCE CONCERNING THE MISSOURI. 1900-1910. 1 ft.

A card index to the correspondence described in entry 310, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

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RECORDS OF THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE MISSOURI. 1903. 3 in. 812

Allowance lists of equipage, supplies, and portable articles delivered to the commanding officer; job orders for extra labor and material showing types and quantity of extra labor and material and the cost; and lists of equipment and supplies delivered to the Newport News Shipbuilding and Dry Dock Co. for the Missouri. Arranged by type of material.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE MISSOURI. 1900-1904. 813
9 in.

Letters from the Bureau referring changes to the board, copies of board's reports on changes in cost involved, and letters from the Bureau approving or disapproving board's reports. Arranged numerically by change number (101-207).

MISCELLANEOUS RECORDS RELATING TO THE MISSOURI. 1901-4. 5 in. 814

Include booklets of plans, reports of trials, memoranda regarding changes, lists of unfinished work, lists of weights, bills for work done, invoices and receipts for supplies and equipment, and launching data. Some of these items are records of the board on changes. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MONAGHAN. 1909-15. 3 ft. 815

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE MONAGHAN. 1909-15. 5 in. 816

A card index to the correspondence described in entry 815, showing subject of correspondence and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE MONAGHAN. 1909-12. 3 in. 817

Letters received from the Bureau and the senior member of the Board on Hull Changes for the Atlantic Coast referring changes to the board, copies of board's reports on changes in cost involved, and letters from the Bureau approving or disapproving board's reports. Arranged numerically by change number (7000-7034).

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MONTANA. 1905-11. 6 ft. 818

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE MONTANA. 1905-11. 1 ft. 819

A card index to the correspondence described in entry 818, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is

preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE MONTANA. 1905-10. 1 in. 822

Letters from the Bureau referring changes to the board, copies of board's reports on changes in cost involved, and letters from the Bureau approving or disapproving board's reports. Arranged numerically by change number (3000-3108).

MEMORANDA OF TESTS OF THE MONTANA. n.d. 1 in. 823

These memoranda contain descriptions of tests to be made on apparatus installed by the Bureau of Construction and Repair. Arranged by subject. There is a subject index, arranged alphabetically, showing subject and page number.

DATA ON THE LAUNCHING OF THE MONTANA. 1906. 1 in. 823

A description of the launching, with accompanying data regarding dimensions, weights, and status of work. Arranged by subject.

FINISHED PLANS OF THE NASHVILLE. 1899. 4 vols. 8 in. 823

General plans, hull plans, and plans of furniture, chests, cooperage, boat davits, hatches, ladders, gears, and hoists and other electrically operated apparatus. Arranged by type of plan. There are tables of contents in the volumes and lists of contents on the outside of the volumes.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NORTH CAROLINA. 1905-11. 6 ft. 824

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE NORTH CAROLINA. 1906-10. 6 in. 825

Letters from the Bureau referring changes to the board, copies of board's reports on changes in cost involved, and letters from the Bureau approving or disapproving board's reports. Arranged numerically by change number (2536-2608).

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PROTEUS AND THE NEREUS. 1911-15. 3 ft. 826

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

REPORTS OF THE BOARD ON CHANGES FOR THE PROTEUS AND THE NEREUS. 1914. 3 in. 827

Copies of board's reports on changes in cost involved, with an occasional letter received from the Bureau. Arranged numerically by change number (11009-12009).

LIST OF LABOR EMPLOYED ON THE PROTEUS AND THE NEBEUS. Apr. 1912-
Oct. 1913. 5 in. 828

Consist of daily statements showing for the hull and engine department the title of occupation and number of men employed in each occupation. Arranged by name of vessel and thereunder chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ROE.
1903-13. 3 ft. 829

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE RELATING TO THE ROE. 1903-13. 5 in. 830

A card index to the correspondence described in entry 829, showing subject of correspondence and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE ROE. 1909-11. 3 in. 831

Letters received from the Bureau submitting the change, reports of the board on changes in cost involved, and letters received from the Bureau approving or disapproving the board's reports. Occasionally there is a joint report by the boards on changes of the Bureau of Construction and Repair and of the Bureau of Steam Engineering. Arranged numerically by change number (5000-5041).

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE SEAL.
1908-12. 3 ft. 832

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE SEAL. 1908-12. 4 in. 833

A card index to the correspondence described in entry 832, showing subject of correspondence and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TERRY.
1903-13. 3 ft. 834

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE TERRY. 1903-13. 3 in. 835

Letters received from the Bureau and the senior member of the Board on Hull Changes for the Atlantic Coast submitting changes, reports of the board on changes in cost involved, and letters from the Bureau

approving or disapproving the board's reports. Arranged numerically by change number (6000-6043).

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE TEXAS. 1911-16. 9 ft. 831

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE TEXAS. 1911-16. 6 in. 837

Letters received from the Bureau and the senior member of the Board on Hull Changes for the Atlantic Coast submitting changes and reports of the board on changes in cost involved. Arranged numerically by change number (9000-9110).

REPORTS OF LABOR EMPLOYED ON THE TEXAS. Apr. 1912-Mar. 1914. 3 in. 838

Consist of daily statements showing for the hull and engine departments the title of occupation and number of men employed in each occupation. Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE VIRGINIA. 1901-12. 6 ft. 839

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

INDEX TO CORRESPONDENCE CONCERNING THE VIRGINIA. 1901-12. 1 ft. 840

A card index to the correspondence described in entry 839, showing name of vessel, subject and occasionally an abstract of the correspondence, and file number. Arranged alphabetically by subject. The index is preceded by a "Key," arranged numerically, showing main subjects and numbers assigned to them and thereunder subnumbers and subjects to which they relate.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE VIRGINIA. 1902-7. 9 in. 841

Letters received from the Bureau submitting changes, copies of board's reports on changes in cost involved, and letters from the Bureau approving or disapproving board's reports. A few of the reports are joint reports of the boards on changes of the Bureau of Construction and Repair and of the Bureau of Steam Engineering. Arranged numerically by change number (1201-1252).

RECORDS IN THE CASE OF THE NEWPORT NEWS SHIPBUILDING AND DRY DOCK CO. vs. THE UNITED STATES (COURT OF CLAIMS NO. 30372). 1901-6. 3 ft. 842

This case involved the Virginia. The Newport News Shipbuilding and Dry Dock Co. claimed damages because of alleged delay in the delivery of 3-inch turret armor tubes. The records are as follows: exhibits of the defendant consisting of statements of the Navy Department's side of the

by a Navy Department civilian technical assistant, with comments on claimant's exhibits, arranged alphabetically (A-F); photostats of correspondence between the contractor and the Navy Department in connection with the construction of the vessel, arranged chronologically; photostats of cost estimates, arranged chronologically; and miscellaneous records consisting of lists of unfinished work, lists of the contractor's faults, statements of the contractor's claim, and a digest of records relating to boiler installation prepared by the civilian technical assistant, arranged.

PLANS OF THE VIRGINIA. n.d. 5 booklets. 1 in. 843

These booklets contain blueprints of the inboard profile, upper deck, gun deck, berth deck, upper platform, lower platform, and hold of the Virginia. All five booklets contain copies of the same plans, but the plans are not arranged in the same order in each booklet.

REQUISITIONS FOR SUPPLIES AND EQUIPMENT FOR THE VIRGINIA. Jan.-Dec. 1905. 1/4 in. 844

Open-purchase requisitions showing articles, quantity required, and estimated cost. Arranged chronologically.

INVOICES OF SUPPLIES AND EQUIPMENT FOR THE VIRGINIA. Aug. 1905-June 1906. 1/2 in. 845

Store invoices of articles shipped or issued by the General Storekeeper at the Norfolk Navy Yard showing articles, quantity, and unit price. Arranged chronologically.

LISTS OF ARTICLES DELIVERED TO THE VIRGINIA. 1906. 1/4 in. 846

Show articles, quantity, and cost. Arranged in part chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE WEST VIRGINIA. 1901-14. 6 ft. 847

Letters, memoranda, and reports received and copies of those sent. Arranged numerically according to the classification scheme described in entry 463.

CORRESPONDENCE OF THE BOARD ON CHARGES FOR THE WEST VIRGINIA. 1901-16. 1 ft. 848

Letters received from the Bureau submitting changes, reports of the board on changes of cost involved, and letters from the Bureau approving or disapproving board's reports. Arranged numerically by change number (501-643).

RECORD OF CHARGES ON THE WEST VIRGINIA. July 1901-Oct. 1906. 1 vol. 1 in. 849

Shows change number, file number of superintending constructor's letter, nature of change, superintending constructor's and contractor's cost estimates, date and file number of Bureau's letter referring change to the board, date of board's report and amount of increased or decreased cost determined by the board, date of approval of board's report by the Bureau, and dates of certification of bills for cost of changes. Arranged chronologically. There is a subject index in the volume arranged alphabetically by initial letter of subject.

RECORDS IN THE CASE OF THE NEWPORT NEWS SHIPBUILDING AND DRY DOCK CO.
vs. THE UNITED STATES (COURT OF CLAIMS NO. 30373). 1901-5. 2 ft.

This case involved the West Virginia. The Newport News Shipbuilding and Dry Dock Co. claimed damages because of alleged delay in delivery of the engine hatch coaming armor. The records are as follows: exhibits of the defendant consisting of statements by the Navy Department civilian technical assistant on the Navy Department's side of the case, with comments on the claimant's exhibits, arranged alphabetically (A-I), and a few reports on contract provisions regarding plans and specifications for the Maryland and the West Virginia not marked or filed by letter of the alphabet; and exhibits of the claimant consisting of photostat copies of contract plans and specifications, receipts for equipment, and correspondence with the Bureau regarding guns, torpedoes, and equipment therefor, and superstructure armor, arranged numerically (4-29).

MISCELLANEOUS RECORDS RELATING TO THE WEST VIRGINIA. 1904-5. 6 in.

Store invoices of articles shipped or issued by the General Storekeeper at the Norfolk Navy Yard, with occasional receipts for the articles; open-purchase requisitions for supplies and equipment; allowance lists of equipage and supplies; and a report of the preliminary trial of the vessel. Arranged in general by type of material.

MISCELLANEOUS RECORDS RELATING TO CLAIMS. 1901-16. 1 ft.

Most of these records relate to the West Virginia, but there are some records relating to the Virginia and a few items relating to the Charleston and the Maryland. The records consist of correspondence between the claimant's attorneys and the Department of Justice, between the superintending constructor and the Department of Justice, and with various bureaus of the Navy Department concerning the construction of the vessels; statements of the contractor's claims; and correspondence regarding such matters as arrangements for the taking of testimony and the transmittal of records. The copies of correspondence during the period of construction are in the form of photostats. Unarranged.

Records Relating to the New York Shipbuilding Co.
Camden, N. J.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ARIZONA
(TORPEDO BOAT DESTROYER NO. 35). 1909-14. 2 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ARKANSAS.
1909-16. 9 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

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CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE BURROWS
1911-12. 2 ft. 855

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DOMIES
(TORPEDO BOAT DESTROYER NO. 45). 1911-12. 3 ft. 856

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE ERICSSON
1912-13. 2 ft. 857

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE BOARD IN CHARGES FOR THE ERICSSON. 1914-16. 858

Copies of the Bureau's letters referring changes to the board, copies of board's reports, copies of Bureau's letters approving reports of the board, and copies of correspondence between the contractors and the superintending constructor and between the superintending constructor and the Bureau relating to the changes. Arranged numerically, beginning with 21-3 and ending with 38-44, the number preceding the hyphen being the change number for the change and the number following the hyphen being the change number which determined the order of arrangement.

CORRESPONDENCE OF THE BOARD IN CHARGES FOR THE JACOB JONES. 1914-16. 859
5 in.

Copies of Bureau's letters referring changes to the board, copies of board's reports, copies of Bureau's letters approving reports of the board, and copies of correspondence between the contractors and the superintending constructor and between the superintending constructor and the Bureau relating to the changes. In many instances the copy of the Bureau's letter approving the board's report has been removed and replaced by a notation of the file number and date of the letter, and the note "See Estimating Section change file for copy of above letter." Arranged numerically, beginning with 14-1 and ending with 39-16, according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE JARVIS
1910-16. 2 ft. 860

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

MISCELLANEOUS PAPERS OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE JANES. 1912-15. 2 in. 861

These papers include 12 photostatic copies of a letter from the superintending constructor to the Bureau forwarding launching data (1912) and

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letters received and copies of letters sent relating to the draft, displacement, and weights of equipment and materials built into the Jarvis (1912-15). Arranged chronologically.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE KANSAS. 1903-11. 1 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

SUPERINTENDING CONSTRUCTOR'S ESTIMATES OF COST OF WORK ON THE KANSAS. 1907. 1 in.

Copies of letters to the Bureau dealing with recommendations in the report of the Board of Inspection and Survey, which witnessed the preliminary trial, giving estimated cost of labor and materials, estimated time required, and the superintending constructor's recommendation. Working papers are included. Arranged chronologically.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE KANSAS. 1904-7. 5 in.

Letters from the Bureau referring changes to the board, copies of board's reports, letters from the Bureau approving reports of the board, and copies of correspondence between the contractors and the superintending constructor and between the superintending constructor and the Bureau relating to the changes. Arranged numerically, beginning with 33-72 and ending with 33-132, according to the classification scheme described in entry 858.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE McCALL. 1903-14. 2 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MICHIGAN. 1906-12. 3 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE NEW HAMPSHIRE. 1905-12. 5 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE PACIFIC (VICTORY BUILT WESTPORT, NO. 19). 1907-11. 2 ft.

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

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CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE UTAH.
1903-14. 8 ft. 869

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE WASHINGTON. 1903-11. 5 ft. 870

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged according to the classification scheme described in entry 679.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE WAINWRIGHT. 1914-16. 5 in. 871

Copies of Bureau's letters referring changes to the board, copies of board's reports, copies of Bureau's letters approving reports of the board, and copies of correspondence between the contractors and the superintending constructor and between the superintending constructor and the Bureau relating to the changes. In many instances the copy of the Bureau's letter approving the board's report has been removed and replaced by a notation of the file number and date of the letter, and the note "See Estimating Section change file for copy of above letter." Arranged numerically, beginning with 44-1 and ending with 39-46, according to the classification scheme described in entry 858.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE JACOB JONES AND THE WAINWRIGHT (TORPEDO BOATS NOS. 61 AND 62, RESPECTIVELY). 1913-18. 4 ft. 872

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

MISCELLANEOUS RECORDS CONCERNING THE JACOB JONES AND THE WAINWRIGHT. 1915-16. 1/2 in. 873

Include a letter from the Bureau to the superintending constructor regarding the Wainwright's allowance list and a copy of the superintending constructor's letter forwarding a copy of the Bureau's letter to the contractors; a letter from the senior officer connected with the Jacob Jones to the superintending constructor regarding stowage of fuel-oil hose; an endorsement by the inspector of machinery; and a list of tests, Nos. 27 through 39, prepared and issued for the Jacob Jones and the Wainwright and giving instructions on how to perform the tests. Unarranged, except that the tests are in numerical order.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR CONCERNING THE SONOMA AND THE ONTARIO (SEAGOING TUGS NOS. 12 AND 13, RESPECTIVELY). 1911-17. 1 ft. 874

Letters, memoranda, and related papers received and copies of letters, reports, and related papers sent. Arranged numerically according to the classification scheme described in entry 679.

SUPERINTENDING CONSTRUCTOR'S STORE INVOICES FOR THE SONOMA AND THE ONTARIO. 1912. 3 in. 876

Invoices of articles of equipment and supply furnished by general storekeepers at navy yards on approved allowance lists of these vessels, showing name of vessel, navy yard furnishing the articles, and articles furnished. Arranged by name of vessel.

MISCELLANEOUS PAPERS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE SONOMA AND THE ONTARIO. 1911-13. 2 in. 876

Include a list of changes for each vessel showing number of change, title, superintending constructor's file number, by whom initiated and date, date authorized and Bureau's file number, contractor's estimate with date, constructor's estimate with date sent to the Bureau, whether approved or disapproved by the Bureau with date and file number, amount allowed by the board on changes and date, and date and file number of Bureau's letter approving or disapproving the report of the board on changes; copies of the superintending constructor's letters commenting on the report of the board on the final trials of the Sonoma and the Ontario; and a copy of the final report of returned finished weights for the Sonoma. Unarranged.

Records of the Superintending Constructor, 411 Fifth Avenue
New York, N. Y.

The function of the superintending constructor stationed in New York City was to supervise the manufacture and repair of paravanes and otters. The principal contractor and the subcontractor for these mine sweeping devices were the E. W. Bliss Co., Brooklyn, N. Y., and the Bossert Corp., Utica, N. Y., respectively. Inspectors, under the superintending constructor, were stationed at these companies to oversee the manufacture and repair of paravanes and otters. After manufacture, paravanes and otters were sent to testing stations at City Island, N. Y., Yorktown, Va., and Norfolk, Va.

GENERAL CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR. 1917-19. 3 ft. 877

Letters, memoranda, and reports received and copies of those sent. The correspondence is with the Bureau of Construction and Repair, the Bureau of Supplies and Accounts, the Commandant of the Third Naval District, contractors and subcontractors, and members of the staff of the superintending constructor. Also included are inspection reports, certificates of tests, reports of material shipped, and bills of lading. Arranged alphabetically by initial letter of subject.

PARAVANE TEST CERTIFICATES AND DAILY RECORD OF RUNS. July-Oct. 1918; Apr.-May 1919. 3 in. 878

Copies of test certificates (the originals having been forwarded with the paravane shipments) showing type, number, maker, travel of hydrostatic valve, and spring strength of the paravane. With each test certificate is a dated certificate of the inspecting officer certifying that he had witnessed the test of the paravane and had passed it for service, and the accompanying data on which the certificate was based. The daily record of runs shows otter number, run number, result of test, and adjustments made. Arranged chronologically.

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INSPECTION REPORTS ON OTTERS. June 1918-Mar. 1919. 9 in. 879

These reports consist of copies of general inspection reports on otters. They contain otter number, date inspected, weight, and remarks on items checked in making the inspection as well as copies of reports of inspection of damaged otters showing the condition of damaged otters at navy yards and the disposition made by the inspecting officer. Arranged by type of report and thereunder chronologically.

REPORTS OF INSPECTIONS OF OTTERS AT THE BOSSERT CORP. May-July 1918. 3 in. 880

Consist of a "General Inspection" section containing questions and answers on otters and a "Detailed Inspection" section containing more detailed questions and answers on dimensions and other data in connection with otters. Arranged chronologically.

REPORTS OF MATERIAL SHIPPED BY THE E. W. BLISS CO. Sept.-Nov. 1918. 1 in. 881

Copies of reports of paravane parts shipped to paravane testing stations, navy yards, and offices of the Emergency Fleet Corporation at various ports. They show route by which material was shipped, material shipped, name of addressee, date, and number and description of articles shipped. Arranged chronologically.

MISCELLANEOUS RECORDS. 1918-19. 2 in. 882

An unidentified office card file containing rough data on such topics as towing ropes, paravane tools, gravity bands, and spare parts; some rough data sheets labeled "general inspection record"; copies of a daily progress report of the Bossert Corp. showing by type the number of paravane bodies inspected and passed and their serial numbers, October 1918-January 1919, and copies of a record of shipments showing the railroad and car number and the numbers of the otters in each car, November 1918-January 1919; a daily report of the E. W. Bliss Co. showing the number of paravanes inspected and passed and the number shipped to the testing station, November 1918-March 1919; papers relating to the installation of paravane equipment; and a list of expenses incurred by the E. W. Bliss Co. incident to the manufacture of paravanes. Unarranged, except that the daily reports and record of shipments are arranged chronologically.

Records Relating to the Seattle Construction and Dry Dock Co.
Seattle, Wash.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE BUSHNELL. 1913-16. 5 ft. 883

Letters and telegrams received, copies of letters and telegrams sent, and memoranda, reports, blueprints, and photographs. Arranged according to an alphabetical-numerical subject classification scheme and chronologically thereunder. Construction of the Bushnell was begun by the Moran Brothers Co., Seattle, and was completed by the Seattle Construction and Dry Dock Co.

MISCELLANEOUS RECORDS RELATING TO THE BUSHNELL. 1913-15. 2 ft. 884

Material orders and schedules, requisitions for supplies, bills of

loading, inspection calls on equipment, reports of hull weights and inspections, and related correspondence. Unarranged.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE F-3 AND THE F-4 (SUBMARINES NOS. 22 AND 23, RESPECTIVELY--FORMERLY THE PICKEREL AND THE SKATE). 1910-13. 2 ft. 835

Letters and telegrams received, copies of letters and telegrams sent, and memoranda, reports, blueprints, and photographs. Arranged according to an alphabetical-numerical subject classification scheme and chronologically thereunder. Construction of these vessels was begun by the Moran Brothers Co., Seattle, and was completed by the Seattle Construction and Dry Dock Co.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE H-3 (SUBMARINE NO. 30--FORMERLY THE GARFISH). 1910-14. 2 ft. 836

Letters and telegrams received, copies of letters and telegrams sent, and other records including memoranda, reports, blueprints, and photographs. Arranged under the following subject headings: General File, which is arranged according to an alphabetical-numerical subject classification scheme; Material Orders and Inspection Calls, which includes copies of the orders for materials and correspondence arranging for inspections before acceptance; Payments, which includes the contractor's claims for installment payments under the contract and certificates by the contractor and the superintending constructor that the work had been done and payment had not previously been made; and Monthly Progress Reports, which shows the status of the construction and the percentage completed. Arranged in general chronologically under the above headings. Construction of this vessel was begun by the Moran Brothers Co., Seattle, and was completed by the Seattle Construction and Dry Dock Co.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE K-3 (SUBMARINE NO. 34). 1914. 3 in. 887

Letters and telegrams received, copies of letters and telegrams sent, and memoranda and reports pertaining to the following subjects in connection with the building and equipping of the K-3: the 19th and 20th payment installments under the contract, launching and docking of the vessel, final weights of the vessel's equipment, and trial runs. Included are monthly progress reports from April through September 1914 and an annual report of work done. Arranged in general chronologically under the above-mentioned subjects.

RECORDS OF THE SUPERINTENDING CONSTRUCTOR RELATING TO THE K-4 (SUBMARINE NO. 35--FORMERLY THE WAIKUS). 1912-15. 2 ft. 833

Letters and telegrams received, copies of letters and telegrams sent, and other records including memoranda, reports, blueprints, and photographs. Arranged under the following subject headings: General File, which is arranged according to a subject-numeric classification scheme; Material Orders and Inspection Calls, which includes copies of orders for materials and correspondence arranging for inspections before acceptance by the Navy; Payments, which includes the contractor's claims for installment payment under the contract and certificates by the contractor and the superintending constructor that the work had been done and

ment had not previously been made; and Monthly Progress Reports, which show the status of the construction and the percentage completed. The arrangement is chronological under the above subject headings. Construction of this vessel was begun at the Moran Brothers Co., Seattle, and was completed by the Seattle Construction and Dry Dock Co.

Records Relating to the William R. Trigg Co., Richmond, Va.

PROCEEDINGS OF THE BOARD ON CHANGES FOR THE SHUBRICK, THE STOCKTON, AND THE THORNTON. Mar. 14, Mar. 15, and May 8, 1901. 1 vol. 3 in. 889
A daily record of the board's proceedings. Arranged chronologically.

Records Relating to the Union Iron Works, San Francisco, Calif.

REGISTER OF CORRESPONDENCE SENT BY THE SUPERINTENDING CONSTRUCTOR.

Jan. 1907-July 1908. 1 vol. 1/2 in. 890

Gives date of correspondence, type of communication, name of addressee, subject of correspondence, and file number. The correspondence to which this register refers has not been found. Arranged chronologically.

REGISTER OF CORRESPONDENCE RECEIVED BY THE SUPERINTENDING CONSTRUCTOR.

Mar. 1907-Aug. 1908. 1 vol. 1/2 in. 891

Gives date the correspondence was received, date of correspondence, correspondent's file number, type of communication (letter, endorsement, or telegram), name or office of correspondent, subject of communication, number of enclosures, and file number of correspondence. The correspondence to which this register refers has not been found. Arranged chronologically by date received.

CORRESPONDENCE CONTROL REGISTER OF THE SUPERINTENDING CONSTRUCTOR.

Apr. 1905-Dec. 1907. 1 vol. 1/2 in. 892

A register for correspondence withdrawn from the files showing file number of correspondence, subject of correspondence, name or initials of person withdrawing it, and name or initials of person refiling it. Arranged chronologically.

REGISTER OF EVENTS IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR.

July 1906-Apr. 1908. 1 vol. 1/2 in. 893

Gives date and informal memoranda entries of events occurring in the office of the superintending constructor and at the Union Iron Works relating to the completion of construction on vessels. The entries pertain to personnel appointments, promotions, and transfers; trials of completed vessels; and meetings of the board on changes. Arranged chronologically.

CONTRACTS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR. 1887-1901. 1 vol. 1/2 in. 894

Copies of contracts of the Union Iron Works with the Navy Department for several cruisers, battleships, torpedo boat destroyers, and submarine torpedo boats showing names of contracting parties and terms of contracts. Arranged chronologically.

REPORTS OF THE SUPERINTENDING CONSTRUCTOR REGARDING TESTS ON STEEL CASTINGS. Apr. 1900-May 1902. 1 vol. 3 in. 925

This volume contains the following reports, kept by the superintending constructor: reports of physical tests of steel castings signed by the steel inspector; reports of chemical analyses of steel castings signed by the chemist of the Union Iron Works; reports of annealing signed by the steel inspector; and monthly reports of tensile tests of steel castings signed by the superintending constructor as the inspector. Some of these reports are for the Wyoming, the Ohio, and the Tacoma; other reports do not indicate the name of the vessel concerned. Arranged chronologically, with an index to the reports.

PAY TABLES OF NAVY YARD EMPLOYEES. 1896. 1 vol. 1/4 in. 896

This volume, a publication of the Navy Department, was sent to the office of the superintending constructor at the Union Iron Works in 1904. It contains tables showing the wages due employees for varying lengths of service at their respective rates of pay. Arranged numerically by per diem rate of pay.

SCRAPBOOK OF NEWSPAPER CLIPPINGS. 1917-18. 1 vol. 1/2 in. 898

Contains clippings from various newspapers relating to ship construction, strikes, wages, and labor relations at the Union Iron Works and elsewhere. Arranged in roughly chronological order.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE CALIFORNIA. Jan. 1901-July 1903. 2 vols. 2 in. 899

Press copies of letters sent. Arranged chronologically. There is an incomplete subject index to the first volume.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE CALIFORNIA. Nov. 1900-Apr. 1902. 1 vol. 1/4 in. 900

Copies of letters and endorsements sent and received by members of the board relating to their appointment as members. Arranged chronologically. This correspondence duplicates the correspondence described in entry 909.

LETTERS SENT TO THE BUREAU BY THE BOARD ON CHANGES FOR THE CALIFORNIA.

Dec. 1902-Feb. 1903. 1 vol. 1/4 in. 901

Press copies of letters sent. Arranged chronologically.

COMMUNICATIONS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE MILWAUKEE (CRUISER NO. 21). Apr. 1901-July 1903. 1 vol. 1 in. 902

Press copies of letters and a few endorsements and telegrams sent. Arranged chronologically. There is an incomplete subject index.

INDEX TO CHANGES ON THE MILWAUKEE. n.d. 1/4 in. 903

A card index showing subject of change and a file or change number (a number and the letter "K," unidentified and not related to the numbers shown on the cards described in entries 918, 919, and 920). Arranged alphabetically by subject of change.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR REGARDING THE PAUL JONES.
Oct. 1898-Sept. 1904. 3 vols. 3 in. 904

Press copies of letters sent. Arranged chronologically, with subject indexes in the volumes.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR REGARDING THE PERRY.

Oct. 1898-Sept. 1904. 3 vols. 3 in. 905

Press copies of letters sent. Arranged chronologically, with subject indexes in the volumes.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR REGARDING THE PREBLE.

Oct. 1898-Sept. 1904. 3 vols. 3 in. 906

Press copies of letters sent. Arranged chronologically, with subject indexes in the volumes.

LETTERS SENT BY THE BOARD ON CHANGES FOR THE PERRY, THE PREBLE, AND THE PAUL JONES. May 1899-June 1902. 1 vol. 1 in. 907

Press copies of letters sent to the Chief of the Bureau of Construction and Repair concerning changes on these vessels, stating whether or not increased compensation was recommended and, if so, the amount recommended. Arranged chronologically, with an index in the volume.

LETTERS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE SOUTH

DAKOTA (CRUISER NO. 9). Jan. 1901-Apr. 1903. 1 vol. 1 in. 908

Press copies of letters sent. There is an incomplete subject index.

CORRESPONDENCE OF THE BOARD ON CHANGES FOR THE SOUTH DAKOTA. Nov. 1900-Apr. 1902. 1 vol. 1/4 in. 909

Copies of letters and endorsements sent and received by members of the board relating to their appointment as members. Arranged chronologically. This correspondence duplicates the correspondence described in entry 900.

COMMUNICATIONS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE

WYOMING. Oct. 1901-June 1906. 3 vols. 3 in. 910

Press copies of letters and a few endorsements and telegrams sent. There is a subject index in each volume.

COMMUNICATIONS RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE WYOMING. Oct. 1900-Oct. 1905. 5 vols. 1 ft. 911

Letters, telegrams, endorsements, and enclosures received. Most of the correspondence is from the Bureau of Construction and Repair, but there is some from other bureaus of the Navy Department, the Navy Yard at Mare Island, Calif., and other persons exclusive of the contractor. Arranged chronologically, with some documents slightly out of order. There is a subject index in each volume.

LETTERS FROM THE CONTRACTOR TO THE SUPERINTENDING CONSTRUCTOR CONCERNING

THE WYOMING. Dec. 1900-Sept. 1904. 2 vols. 2 in. 912

Letters received. Arranged chronologically, with subject indexes in the volumes. The index in the second volume is incomplete.

LETTERS SENT BY THE BOARD ON CHANGES FOR THE WYOMING. May 1899-Aug. 1903. 1 vol. 1 in. 913

Press copies of letters sent to the Bureau. Included in the volume are a letter to the naval constructor at the Navy Yard, Mare Island, Calif., and one or two letters to the contractor relating to actions of the board. Arranged chronologically. There is an incomplete subject index.

RECORD OF CHANGES ON THE CHARLESTON AND THE SAN FRANCISCO. 1887-90. 2 vols. 2 in. 914

Shows date of submission of superintending constructor's letter concerning change, Bureau's change number (a note states these numbers were not initiated until May 23, 1888), nature of change, amount of increased or decreased cost determined by the board, date of reference of change to the board by the Bureau, date the change was authorized by the Bureau, date of board's report and date of report's approval by the Bureau, and the action of the Navy Department. Arranged by name of vessel (there is a separate volume for each vessel) and thereunder chronologically.

REPORTS OF THE BOARD ON CHANGES FOR THE OLYMPIA AND THE OREGON. 1890-97. 3 vols. 3 in. 915

Press copies of the board's reports on changes submitted to it. Included are press copies of some of the correspondence pertaining to convening the board or changing its membership, but this correspondence is incomplete. Arranged by name of vessel (there is one volume for the Olympia and two volumes for the Oregon) and chronologically within the volumes. Each volume has a subject index arranged alphabetically by initial letter of subject.

PROCEEDINGS OF THE BOARD ON CHANGES FOR THE TACOMA, THE WISCONSIN, AND THE WYOMING. 1894-1902. 3 vols. 3 in. 916

A daily record of the board's proceedings, together with copies of Navy Department or Bureau letters appointing, instructing, or changing membership of the board and endorsements on this correspondence. Arranged by name of vessel (there is one volume for each vessel) and thereunder chronologically. The last entry in the volume on the Tacoma is a record of changes on that vessel, showing change, date authorized by the Bureau, date of board's report and date of its approval by the Bureau, amount of increased or decreased cost determined by the board, and date the superintending constructor certified bills for changes. The record of changes on the Tacoma includes an incomplete index showing page number of the proceedings on which the changes were discussed.

REGISTER OF CORRESPONDENCE SENT BY THE BOARD ON CHANGES. July 1902-July 1903. 1 vol. 1/2 in. 917

This register relates to a number of vessels. It shows date of correspondence, type of communication (letter, memorandum, etc), addressee, subject of correspondence, number of enclosures, and in a few instances the file number. The correspondence to which this register refers has not been found. The file numbers are the same as those on the cards described in entries 913, 919, and 921. Arranged chronologically.

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RECORD OF CHANGES ON VESSELS. 1899-1907. 4 in.

918

A record on 4" x 6" pink cards showing subject of change, file reference or change number, date of letter of contractor or superintending constructor, dates of contractor's and superintending constructor's cost estimates, date of Bureau's approval or disapproval, date the change was referred to the board on changes, date of board's report, and date the bill for payment was certified. Arranged alphabetically by letters ("A" indicating the Ohio; "F," the Tacoma; "I," the California; "J," the South Dakota; and "K," the Milwaukee) and thereunder chronologically. The numbers are the same as the file or change numbers of the records described in entries 917, 919, and 920.

RECORD OF CHANGES ON THE MILWAUKEE, THE CALIFORNIA, AND THE SOUTH DAKOTA. 1901-7. 5 in.

919

A record on 4" x 6" blue cards showing subject of change, file reference or change number, date of letter of contractor or superintending constructor, dates of contractor's and superintending constructor's cost estimates, date of Bureau's approval or disapproval, date the change was referred to the board on changes, date of board's report, and date the bill for payment was certified. Arranged alphabetically by letters ("K" indicating the Milwaukee; "I," the California; and "J," the South Dakota) and thereunder chronologically. The numbers are the same as the file or change numbers of the records described in entries 917, 918, and 920.

INDEX TO CHANGES ON THE MILWAUKEE, THE OHIO, AND THE TACOMA. n.d. 6 in.

920

An index on 4" x 6" white cards showing subject of change and a file reference or change number. These numbers are preceded by letters ("K" indicating the Milwaukee; "A," the Ohio; and "F," the Tacoma). The numbers are the same as the file or change numbers of the records described in entries 917, 918, and 919. Arranged by name of vessel and thereunder alphabetically by subject of change.

REGISTER IN THE OFFICE OF THE SUPERINTENDING CONSTRUCTOR RELATING TO APPROVED CHANGES ON VESSELS. Apr. 1901-June 1908. 1 vol. 1/2 in.

921

Gives the following information concerning changes approved on the California, the South Dakota, and the Milwaukee: change number (file numbers shown in entry 913), nature of change, date and file number of letter from the Bureau of Construction and Repair approving change, date of report by the board on changes, date the board's report was approved by the Bureau, amount of increase or decrease in compensation, and date the bill for the changes was certified and forwarded to the Bureau. Arranged by name of vessel and thereunder in roughly chronological order. There is an index to the names of the vessels.

REPORTS OF EXPENDITURES FOR LABOR AND MATERIALS ON THE OHIO AND THE WISCONSIN. 1896-1902. 2 vols. 1/2 in.

922

Monthly and weekly reports of expenditures for labor and materials used in the construction of these vessels showing wages paid to blacksmiths, carpenters, fitters, machinists, and riggers; their hours of employment; and the quantity and cost of angles, beams, lumber, paints, castings, and similar construction materials expended. Arranged by type of labor or kind of material and thereunder chronologically, with an alphabetical index at the front of the volume.

Records Relating to the Wolff and Zwicker Iron Works, Portland, Oreg.

COMMUNICATIONS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE
DAVIS (TORPEDO BOAT NO. 12). Nov. 1896-Jan. 1899. 1 vol. 1 in. 923

Press copies of letters, telegrams, and a few endorsements sent primarily to the Bureau, but including a few sent to other correspondents (except to the contractor). Arranged chronologically. There is a subject index.

LETTERS SENT TO THE CONTRACTOR BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DAVIS. Nov. 1896-Jan. 1899. 1 vol. 1 in. 924

Press copies of letters sent. Arranged chronologically.

LETTERS FROM THE CONTRACTOR TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DAVIS. Nov. 1896-Jan. 1899. 1 vol. 1/2 in. 925

Letters received, including several addressed to the Bureau of Construction and Repair, most of which are stamped "received" by the superintending constructor. Arranged chronologically. There is an incomplete subject index.

LETTERS AND TELEGRAMS SENT BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE FOX (TORPEDO BOAT NO. 13). Nov. 1896-Mar. 1899. 1 vol. 1 in. 926

Press copies of letters and telegrams sent primarily to the Bureau, but including a few sent to other correspondents (except to the contractor). Arranged chronologically. There is a subject index.

LETTERS SENT TO THE CONTRACTOR BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE FOX. Nov. 1896-Mar. 1899. 1 vol. 1 in. 927

Press copies of letters sent. Arranged chronologically.

LETTERS FROM THE CONTRACTOR TO THE SUPERINTENDING CONSTRUCTOR CONCERNING THE FOX. Nov. 1896-Mar. 1899. 1 vol. 1/2 in. 928

Letters received, including several addressed to the Bureau of Construction and Repair and to the Secretary of the Navy, most of which are stamped "received" by the superintending constructor. Arranged chronologically. There is an incomplete subject index.

CORRESPONDENCE RECEIVED BY THE SUPERINTENDING CONSTRUCTOR CONCERNING THE DAVIS AND THE FOX. Nov. 1896-Mar. 1899. 1 vol. 1 in. 929

Letters, telegrams, and a few endorsements received. This correspondence pertains primarily to the construction of the Davis, but it includes correspondence relating to both the Davis and the Fox, which were under construction at the same time. Most of the correspondence is from the Bureau, but there are a few letters from other correspondents, such as the naval constructor at the Navy Yard, Mare Island, Calif. Arranged chronologically.

Records Relating to the Construction of the Dolphin, the Chicago, the Boston, and the Atlanta

On July 3, 1883, contracts for the construction of a dispatch boat,

the Dolphin, and three steel cruisers, the Chicago, the Boston, and the Atlanta, were let to John Roach, Morgan Iron Works, New York, N. Y. The vessels were to be built under the advice and supervision of the Naval Advisory Board. The Dolphin was built at the Delaware River Iron Shipbuilding Co., Chester, Pa., and was completed early in 1885. The Navy Department at first refused to accept the Dolphin because of defects in construction and the failure of the vessel to develop the stipulated horsepower, but after prolonged negotiations between the Department and John Roach, the builder, the Dolphin was accepted conditionally. Roach started construction on the Chicago and the Boston at the Delaware River Iron Shipbuilding Co. and on the Atlanta at the Morgan Iron Works. While he was involved in the dispute with the Navy Department over the Dolphin, Roach failed in business and made an assignment. Since he was unable to complete the Chicago, the Boston, and the Atlanta, the Navy Department, in accordance with the contracts for the vessels, took possession of them and proceeded to complete them, under the supervision of the Naval Advisory Board, at the contractor's yards, employing the foreman and labor force of the contractor. When the vessels were completed a few years later they were delivered to the New York Navy Yard.

LETTERS SENT BY THE INSPECTORS OF HULLS. Aug. 1883-Dec. 1888. 10 vols. 1 ft. 930

Press copies of letters sent by the Naval Advisory Board's inspectors of hulls. There were two inspectors, both of whom were stationed at Chester, Pa., until about February 1885, when one was transferred to the Morgan Iron Works, New York City. By December 1888 both inspectors were at the New York Navy Yard. For most of the time one inspector was responsible for inspection and supervision of construction on the Dolphin and the Chicago and the other inspector, for the Boston and the Atlanta. Many of the letters were sent to the Naval Advisory Board. Only one letter is dated later than June 1888. The letters-sent books are in two series corresponding in general to the division of responsibility between the two inspectors. Both series are arranged chronologically. One volume of the series on the Boston and the Atlanta, for the period March-December 1885, covers the same period included in two other volumes and duplicates some of the material contained in them. There is a subject index in each volume.

LETTERS AND TELEGRAMS RECEIVED BY THE INSPECTORS OF HULLS. Aug. 1883-Aug. 1888. 10 vols. 2 ft. 931

These letters and telegrams are arranged chronologically with other correspondence received by the two inspectors and filed in the same volumes except for the last two volumes (for the period July 1886-August 1888) when the correspondence received by each inspector is in separate volumes. Eight of the volumes have subject indexes, but the index for one of them is incomplete.

LETTERS SENT BY THE INSPECTOR OF MACHINERY TO THE NAVAL ADVISORY BOARD.

Sept. 1883-July 1886. 1 vol. 1 in. 932

Press copies of letters sent regarding the Dolphin, the Chicago, the Boston, and the Atlanta. Arranged chronologically. There is a register, arranged alphabetically by initial letter of subject, giving number of letter, page number, date, and subject of correspondence.

LETTERS AND TELEGRAMS SENT BY THE INSPECTOR OF MATERIAL AT THE PHOENIX IRON CO., PHOENIXVILLE, PA. Sept. 1883-Dec. 1884. 1 vol. 1/2 in.

Press copies of letters and telegrams sent relating to the tests inspections of steel supplied by the Phoenix Iron Co. and the Cambria Iron Co. for the Dolphin, the Chicago, the Boston, and the Atlanta. of the correspondence was sent to the Naval Advisory Board. Arranged chronologically.

LETTERS TO THE SECRETARY OF THE NAVY REGARDING NEW VESSELS. May-Sept. 1884. 1 vol. 1 in.

Copies of a few letters from the President of the Naval Advisory Board to the Secretary of the Navy regarding the designs and dimensions of a new dispatch boat and new steel cruisers. The names of the vessels are not shown, but this correspondence evidently concerns the Dolphin, the Chicago, the Boston, and the Atlanta. Arranged chronologically.

REPORT OF THE BOARD APPOINTED TO EXAMINE THE CHICAGO, THE BOSTON, AND THE ATLANTA. 1885. 1 in.

A copy of the board's report to the Chief of the Bureau of Construction and Repair on the condition of the hulls of these vessels, with inventories of materials and fittings belonging to the vessels. Arranged by name of vessel.

The contracts for the construction of these steel cruisers having been declared forfeited by the contractor, John Roach of New York, N. Y., a board of naval constructors, of which Lieut. R. W. Steel was president, was appointed to meet at the Delaware River Iron Shipbuilding Co. on August 12, 1885, to examine the Chicago and the Boston at Chester, Pa., and the Atlanta at New York, N. Y., and to report on the condition of the hulls, materials, and fittings of these vessels.

LETTERS AND TELEGRAMS SENT BY THE NAVAL CONSTRUCTOR CHARGED WITH COMPLETION OF CONSTRUCTION OF THE BOSTON AND THE CHICAGO. Nov. 1885-Oct. 1887. 1 vol. 1 in. 935

Copies of letters and telegrams sent by the naval constructor at the Delaware River Iron Shipbuilding Co., Chester, Pa. Included at the beginning of the volume are two letters, dated in August 1885, which were sent by the naval constructor as president of the board appointed to examine the steel cruisers--the Chicago, the Boston, and the Atlanta. Arranged chronologically, except that many telegrams and a few letters which were omitted from their regular place appear at the end of the volume. One letter is dated in June 1883. There is a subject index.

COMMUNICATIONS RECEIVED BY THE NAVAL CONSTRUCTOR CHARGED WITH COMPLETION OF CONSTRUCTION OF THE BOSTON AND THE CHICAGO. Oct. 1885-July 1887. 2 vols. 2 in. 937

Copies of letters and telegrams received by the naval constructor at the Delaware River Iron Shipbuilding Co. Arranged chronologically, with subject indexes. There are a few references to the Atlanta in the letters. One letter is dated in June 1888.

CORRESPONDENCE OF THE SUPERINTENDING CONSTRUCTOR AT CHESTER, PA. 1885-87. 1 in. 938

Copies of letters sent by Lieut. R. W. Steele to the Bureau of Construction and Repair and to the assignees of John Roach, and copies of a few letters received relating to the Boston, the Chicago, and the Atlanta, and to personnel and other administrative matters at the Delaware River Iron Shipbuilding Co. Arranged chronologically.

CORRESPONDENCE RELATING TO THE ATLANTA, THE BOSTON, AND THE CHICAGO.

Sept. 1886-Mar. 1887. 1 vol. 1/2 in. 939

Most of the correspondence in this volume consists of copies of letters received from the Secretary of the Navy authorizing and directing the Chief of the Bureau of Construction and Repair to carry out the Naval Advisory Board's recommendations concerning work to be done on the hulls of the three cruisers. There are also some copies of letters sent to the Secretary of the Navy and to chiefs of other bureaus of the Navy Department concerning work on these vessels, with the replies thereto. Arranged chronologically, with a subject index in the volume.

PLANS OF THE DOLPHIN, THE CHICAGO, THE BOSTON, AND THE ATLANTA. 1883-85. 9 in. 940

Plans--mostly in the form of tracings--of decks, machinery, electrical and other apparatus and equipment, of arrangement of the vessels, and of gun equipments and arrangements (plans for the latter were prepared by the Bureau of Ordnance). Many of the plans are stamped "received and approved by the Naval Advisory Board," some were submitted by the naval constructors assigned to complete the cruisers, and others are plans of proposed alterations submitted by boards on changes for particular vessels. Most of the plans are numbered. They are arranged in part numerically and in part by name of vessel.

RECORD OF SUPPLIES AND MATERIALS RECEIVED FOR THE ATLANTA AND THE BOSTON. 1885-86. 1 vol. 1/2 in. 941

Lists supplies and construction materials received for these vessels and shows their quantity and cost. Arranged chronologically.

RECORD OF PURCHASES FOR THE ATLANTA AND THE BOSTON. 1885-86. 1 vol. 1/2 in. 942

Contains brief synopses of correspondence relating to supplies and materials purchased for use in the construction of these vessels. It shows from whom the material was bought and the kind, quantity, and cost of the material. Most of the entries in this volume bear file numbers to an unidentified correspondence file.

RECORD OF THE COST OF LABOR AND MATERIAL FOR THE CHICAGO, THE BOSTON, AND THE ATLANTA. 1885-87. 2 vols. 3 in. 943

These volumes show name of vessel, ship's departments and number of days of labor and cost of labor performed therein, and a description and quantity of materials used and their costs. Arranged by name of vessel and thereunder chronologically. The two volumes contain duplicate entries. There is a note in one of the volumes, dated February 1888, stating that because of clerical errors in the report of the Chicago a new book was made out.

ACCOUNTS FOR CONSTRUCTION OF THE CHICAGO AND THE BOSTON. n.d. 1 vol. 1 in. 941

This volume shows name of vessel and thereunder names of companies (apparently those furnishing supplies or services), and amounts paid. Arranged by name of vessel, the volume relating for the most part to the Chicago. Dates of the accounts are not shown, but inserted in the volume are copies of a few items of correspondence, dated in 1895 and 1896, with the naval constructor at Chester, Pa., relating to the Chicago, the Boston, and the Atlanta.

LISTS OF BILLS FOR MATERIALS FOR THE CHICAGO, THE BOSTON, AND THE ATLANTA. 1896-97. 1 vol. 1/2 in. 945

This volume contains lists of bills for materials used in the construction of these vessels showing number of bill, name of contractor presenting it, and amount. Arranged by name of vessel and thereunder numerically by number of bill.

DESCRIPTION OF WORK ON THE CHICAGO. n.d. 1 vol. 1 in. 946

In this volume, under the heading "Description of Work," are notations as to the part of the vessel worked on (such as ammunition room and spare deck), followed by data on weights of the vessel in connection with the center of gravity.

TIME BOOK AND RECORD OF EXTRA WORK ON THE DOLPHIN, THE ATLANTA, AND THE CHICAGO. 1884-86. 1 vol. 1/4 in. 947

This volume shows names of laborers, teamsters, riggers, and carpenters employed on these vessels; a brief synopsis of the work performed by them; and number of hours, cost, and dates of their employment. It also contains lists of extra work performed on these vessels showing dates such work was recommended, approved, and accomplished, and cost of the work. Arranged by name of vessel and thereunder chronologically, with an alphabetical index to names of vessels in the front of the volume.

SUMMARIES OF PAYROLLS OF EMPLOYEES ON THE CHICAGO, THE BOSTON, AND THE ATLANTA. 1895-96. 1 vol. 1 in. 948

Weekly summaries of the superintending constructor's office relating to personnel employed as draftsmen, machinists, carpenters, blacksmiths, boilermakers, and laborers on these vessels and showing classes of personnel employed, number of days engaged, amount of money expended, and type of work performed. Arranged chronologically.

MISCELLANEOUS RECORDS RELATING TO THE CHICAGO, THE BOSTON, AND THE ATLANTA. 1885-87. 2 in. 949

Copies of telegrams sent and received, bills and other accounting papers, data regarding the cost of extra work, and a few personnel lists. Unarranged.

Miscellaneous Records

PAYROLLS OF EMPLOYEES UNDER THE BUREAU OF CONSTRUCTION AND REPAIR AT CHESTER, PA. Nov. 1865-June 1887. 2 vols. 3 in. 950
Weekly payrolls of employees showing name, occupation, number of days

worked, rate of pay per day, aggregate amount of pay, amount due, and amount paid. These appear to be payrolls of a shipyard, the name of which is not shown. Arranged chronologically.

REPORT OF ORDERS RECEIVED BY THE NAVAL CONSTRUCTOR. Jan. 1876-May 1883.
2 vols. 2 in. 951

A report of orders for work on vessels or for material and equipment, showing date received, subject of order, and degree of completion. The name or station of the naval constructor is not shown. Arranged chronologically.

LISTS OF PERSONNEL. 1878-83. 1 vol. 1/4 in. 952

This volume relates to personnel employed at an unidentified navy yard or private construction company. It lists the names of employees and their occupations. Arranged alphabetically by initial letter of name of employee.

THE BOOK AND RECORD OF MATERIALS RECEIVED OR INSTALLED. 1898-99.
1 vol. 1/4 in. 953

This volume relates to personnel and to the receipt or installation of materials at an unidentified navy yard or private construction company. It lists the names of a few individuals and the dates and hours of their arrivals and departures. It also lists the kind, quantity, and date of receipt or installation of iron and steel castings and similar construction materials. Arranged chronologically and thereunder by type of construction material. There is an index arranged alphabetically by initial letter of name of article.

THE BOOK. 1899-1903. 1 vol. 1 in. 954

Shows name of employee, time of his arrivals and departures, and amount of time to his credit. This information appears to relate to employees at a shipyard, the name of which is not shown. Arranged by name of employee and thereunder chronologically.

THE RECORD OF EMPLOYEES. 1900-1903. 1 vol. 1 in. 955

A daily record showing name of employee, time of his arrivals and departures, time absent, and overtime. This information appears to relate to employees at a shipyard, the name of which is not shown. Arranged by name of employee.

THE BOOK AND LEAVE RECORD. 1903-5. 1 vol. 1/2 in. 956

This volume contains time and leave records for a small number of draftsmen, copyists, and similar personnel at an unidentified navy yard or private construction company. It shows days worked, absences, time of arrivals and departures, leave accrued and used, and related information. Arranged by name of person and thereunder chronologically, with an alphabetical index to names of individuals in the front of the volume.

TRAVEL AND MILEAGE BOOK. 1917-18. 1 vol. 1/2 in. 957

This volume is a record of distances traveled and costs incurred by a few individuals in the Boston, Mass., area. It shows date of travel, destination, route, mileage covered, time of arrivals and departures, and

expenses entailed. Arranged by name of person and thereunder chronologically.

CORRESPONDENCE REGARDING CHANGES ON SUBMARINES. 1924-26. 3 in. 953

Letters and memoranda received and copies of communications sent by several boards on changes generally meeting in Philadelphia, Pa., or Quincy, Mass., to determine awards in connection with changes on submarines. These boards all had one member in common and these records are probably those of this member. Arranged chronologically.

RECORD OF PLANS RECEIVED AND DELIVERED. n.d. 1 vol. 1 in. 959

A list of plans received showing title of plan, name of ship, date it was received (month and day), from whom it was received (generally the Bureau but occasionally a person), kind of plan (whether a blueprint, tracing, or drawing), and remarks (use made of the plan or a notation that it was to be returned to the Bureau); and a list of plans delivered showing title of plan, name of ship, date it was sent (month and day), to whom it was sent (Bureau or person), kind of plan (whether a blueprint, tracing, or drawing), and remarks (usually a notation of date plan was received). Arranged chronologically by month (the years are not shown and thereunder according to whether the plan was received or delivered. The volume is not further identified.

TIME BOOKS. n.d. 2 vols. 2 in. 960

One of these volumes shows name of employee, date of absence or length of time employed during the day, and remarks; the other volume shows name of employee, time absent, time earned, amounts deducted from holiday account or from pay, and remarks. The volumes appear to relate to the same shipbuilding company, the name of which is not shown. Both volumes are arranged by name of employee.

INDEX. n.d. 1 vol. 1/4 in. 961

A subject index probably to records of a superintending constructor at a shipyard. The volume is not further identified.

RECORDS RELATING TO THE INTERNATIONAL CONFERENCE ON SAFETY OF LIFE AT SEA

The International Conference on Safety of Life at Sea was held in London from April 16 to May 31, 1929. It was attended by the representatives of some 13 nations and had as its purpose the revision of the international convention for the safety of life at sea, signed in London on January 20, 1914. The Conference set forth requirements for watertight subdivisions and decks, fire-resistant bulkheads, pumping apparatus, and other safety devices and made recommendations on the installation of radio apparatus and adequate lifeboat facilities on board vessels. It also dealt with the related subjects of distress signaling, ice patrols, safety inspections, and the shipment of dangerous goods in cargoes. Rear Adm. George H. Rock, then Assistant Chief of the Bureau of Construction and Repair, was one of the American delegates to the Conference, serving as chairman of the Construction Committee and as a member of the Committee on Life Saving Apparatus.

RECORDS OF REAR ADM. GEORGE H. ROCK. 1928-30. 12 ft.

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Minutes of the meetings of the American delegation to the Conference and the meetings of the Committees on Construction, Lifesaving Apparatus, Radiotelegraphy, and Safety of Navigation and of their respective sub-committees, together with stenographic notes and working papers; copies of the final published reports of committees and of minutes of the proceedings of the Conference; technical reports on bulkheads, lifesaving devices, merchant ship surveys, construction regulations, fire extinguishing appliances, and tank and compartment flooding calculations; notes on informal conferences and on press releases; proposals for the revision of the international convention of 1914 and of similar conventions previously entered into, and rough drafts and revised copies of proposed conventions; confidential letters from the Department of State to the American delegates; personal correspondence of Admiral Rock relating to the Conference, including letters received and copies of letters sent; and miscellaneous material on a variety of subjects including tonnage laws and tonnage measurement, safety ventilators, life preservers, navigation aids, and methods of signaling, together with related diagrams, drawings, photographs, and blueprints. Included are a number of technical publications and material, dated before 1928, on previous conventions and conferences on lifesaving at sea. Arranged by type of record.

RECORDS OF THE BUREAU OF ENGINEERING *

This Bureau, originally designated the Bureau of Steam Engineering, was responsible for all that related to the designing, building, fitting out, repairing, and engineering of the steam machinery used for the propulsion of naval vessels, including steam pumps, steam heaters, and connections, and the steam machinery for the apparatus by which turrets were turned. The officers serving with the Bureau constituted the Engineer Corps until March 3, 1899, when by act of Congress the Engineer Corps was abolished and the officers composing it were transferred to the line of the Navy. When the Bureau of Equipment was abolished in 1910 the Bureau of Steam Engineering received the following additional functions that were formerly assigned to the Bureau of Equipment: maintenance and repair of coaling plants not at navy yards, operation of all mechanical coaling plants whether at a navy yard or elsewhere, and passing on the operating features of all plans that were prepared by the Bureau of Yards and Docks for the construction of such plants; and responsibility for the entire system of interior communications--specifically, the design, supply, installation, maintenance, and repair of all means of interior and exterior electric signal communications, except rangefinders and battle-order and range transmitters and indicators, and of all electrical appliances on board naval vessels, except motors and their controlling apparatus used to operate machinery belonging to other bureaus.

The functions of the Bureau of Steam Engineering underwent other changes because of new developments and changing techniques in connection with naval matters. Two particularly important developments that affected the Bureau during the 20th century were the gradual change from the use of coal to the use of oil as fuel for the fleet and the advent of naval aviation. During the World War I period the Bureau's functions

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were as follows: to have charge of the design, construction, maintenance, and repair of aircraft machinery and of all steam, electric, and other types of engines, machinery, and apparatus used for the propulsion of naval vessels; to have charge of steam pumps, heaters, and connections on ships and of machinery supplying power for turning turrets; to have charge of the design and supply of electrical apparatus, including radio apparatus for aircraft and for ship and shore installations; to prepare specifications for and to inspect fuel and to have general supervision over naval petroleum reserves; and to prepare blank forms for engineering reports and to review those reports. The internal organization of the Bureau of Engineering was changed from time to time. In 1918 the Bureau was organized into the following divisions: Design, Repairs, Electrical, Radio, Inspection, Supply, Fuel and Personnel, Aeronautics, and Logs and Records.

The Bureau of Engineering maintained a field organization that included supervising engineers stationed at shipyards to oversee the construction and installation of ships' machinery, and inspectors of machinery and of engineering materials stationed at shipyards and other points to see that machinery and materials met the required specifications. In connection with the building of ironclad vessels during the Civil War, the Office of the General Inspector of Steam Machinery for the Navy (also called General Inspector of Ironclads) was established in New York City under an officer of the Engineer Corps. Although the General Inspector of Steam Machinery was the principal assistant to the General Superintendent of Ironclads (who was independent of the Bureau of Steam Engineering), copies of his reports were forwarded to the Chief of the Bureau. After 1888 boards of engineer officers were appointed at shipyards to appraise the cost of changes in the machinery of vessels under construction. The organization of these boards on changes was similar to that of the boards under the Bureau of Construction and Repair. Before World War I, for purposes of inspection by the Bureau of Steam Engineering, the industrial territory of the United States in the East and Midwest was divided into inspection districts, usually nine in number although the number varied slightly from time to time, each with a main office and as many sub-offices as necessary. The duties of inspectors were as follows: to conduct inspections of materials purchased in their districts for the Bureau of Engineering and, as requested, for other bureaus of the Navy Department; to submit suggestions to the Bureau leading to improvements in specifications for machinery and apparatus, in methods of making contracts, in methods of conducting tests and inspections, and in office procedure in connection with the inspection service; and to submit recommendations as to the use of new materials and devices for naval purposes. The Office of the General Inspector of Machinery was established in the Bureau in Washington, D. C., for general supervision of the field inspection of naval materials and machinery. The number of inspection districts was considerably increased as a result of World War I. In 1919 the Bureau had 15 district offices under inspectors of engineering materials, with headquarters in all the larger cities including San Francisco, and inspectors of machinery stationed at 23 shipbuilding and manufacturing firms.

An act of Congress, approved June 1, 1923, transferred the Bureau of the Bureau of Engineering to the Department of the Navy, and it became

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Bureau of Engineering

... the increasing use of oil-burning machinery over steam machinery. At the time the Bureau was abolished in 1940 its duties had increased to include all that pertained to the designing, building, fitting out, re-
building, and altering of machinery and its related equipment used for the propulsion of naval ships and to the following machinery not associated with propulsion equipment: pumps (except motor-driven pumps for drainage and for distribution of fresh water for use in ships), distilling apparatus, refrigerating apparatus (except for small self-contained units), steam and electric heaters, air compressors (except those required for adjusting and diving on submarines and those for galley use), all steam connections and piping on ships, and all small powerboat machinery. The Bureau had jurisdiction over all that related to electric generating sets and storage batteries, the generation and distribution of electric power on board ship for all purposes, all means of interior communication, electrical methods of signaling, and other electrical apparatus on board ship; and it was charged with the design, manufacture, installation, and maintenance of all radio and sound equipage, ashore and afloat. The Bureau inspected all fuel for the fleet, prepared recommendations for the purchase on annual contracts of consumable engineering supplies and conducted tests for determining the quality which these supplies must meet, prepared the specifications for the yearly contract under which lubricating oil was purchased by the Navy and by all other Federal activities, and supervised the upkeep and operation of the Naval Research Laboratory, Anacostia, D. C., the Engineering Experiment Station, Annapolis, Md., the Naval Boiler Laboratory, Philadelphia, Pa., and, jointly with the Bureau of Construction and Repair, the Material Laboratory of the New York Navy Yard.

The records of the Bureau of Engineering in the National Archives include correspondence of the office of the Chief of the Bureau; laboratory test reports of engineering materials and machinery; plans of ships' machinery and technical records relating to machinery; records relating to supplies, equipment, and accounts; records of a few divisions of the office of the Chief of the Bureau and of boards of officers; correspondence of engineer officers at private shipyards, and other field records; and miscellaneous items. A few series include records antedating the Bureau's establishment or postdating its abolition. Records of the Bureau of Engineering relating to aviation, 1914-22, are among the records of the Bureau of Aeronautics (Record Group 72), and two volumes of earlier records are among the Naval Records Collection of the Office of Naval Records and Library (Record Group 45).

GENERAL RECORDS OF THE OFFICE OF THE CHIEF OF THE BUREAU

Correspondence, Reports, and Related Records

LETTERS SENT TO THE SECRETARY OF THE NAVY. 1862-87. 2 vols. 5 in.

Copies of letters sent. The letters after 1864 are mainly duplicates of press copies in the correspondence described in entry 977, but a few additional letters are also included. Arranged chronologically. There is an index arranged alphabetically by initial letter of subject and name

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of vessel, and a register arranged chronologically giving a brief of the contents of the correspondence and the page numbers.

LETTERS SENT TO CHIEFS OF BUREAUS. 1864-90. 1 vol. 2 in. 96

Copies of letters sent to chiefs of Navy Department bureaus. The letters after 1884 are mainly duplicates of press copies in the correspondence described in entries 977 and 979, but they also include a few additional letters not contained in these series. Arranged chronologically, with an index arranged alphabetically by initial letter of subject and name of bureau.

LETTERS SENT TO ENGINEERS. July 1862-Sept. 1881. 1 vol. 2 in. 96

Copies of letters sent to naval engineers serving at navy yards and on ships concerning contracts, tests, specifications, requisitions for materials, and related subjects pertaining to the construction and repair of steam machinery. Arranged in roughly chronological order, with an index arranged alphabetically by initial letter of name of officer and vessel.

LETTERS SENT TO NAVAL OFFICERS. July 1862-Apr. 1870. 1 vol. 2 in. 96

Copies of letters sent to commanding officers of squadrons, ships, and navy yards, and occasionally to naval storekeepers, concerning the construction and repair of steam machinery, procurement of materials, changes in specifications and designs, and related subjects. Arranged in roughly chronological order, with an index arranged alphabetically by initial letter of name of officer and vessel.

LETTERS SENT TO NAVY AGENTS, PAYMASTERS, AND PAY INSPECTORS. Aug. 1862-Dec. 1872. 1 vol. 2 in. 96

Copies of letters sent concerning requisitions for funds, procurement of materials, purchases, payments, and prices. Arranged in roughly chronological order, with an index arranged alphabetically by initial letter of name of officer and vessel.

LETTERS SENT TO CONTRACTORS. July 1862-Dec. 1864. 1 vol. 2 in. 96

Copies of letters sent to shipbuilders, foundries, and ironworks concerning contracts for engines, boilers, and steam machinery, specifications, and procurement of materials. Arranged in roughly chronological order, with an index arranged alphabetically by initial letter of name of contractor and vessel.

LETTERS SENT TO THE COMMANANT OF THE NORFOLK NAVY YARD. 1870-86. 1 vol. 3 in. 96

Copies of letters sent relating to a wide variety of subjects coming within the jurisdiction of the Bureau of Steam Engineering. The letters after 1884 are mainly duplicates of press copies found in the correspondence described in entry 977, but a few additional letters are also included. Arranged chronologically, with an index arranged alphabetically by initial letter of subject and name of vessel, and a register arranged chronologically giving a brief of the contents of the correspondence.

LETTERS RECEIVED. July 1861-July 1864; Jan. 1865-July 1868; Jan. 1870-June 1872. 2 vols. 3 in. 970

Letters received from engineers, naval officers, and others pertaining to personnel transactions (assignments, promotions, complaints and transfers), but including a few letters concerning such matters as improvements to machinery, the condition of equipment aboard various vessels, and requests for technical information. Arranged in roughly chronological order. The correspondence after January 1870 is fragmentary and does not comprise a complete series of letters received.

LETTERS AND REPORTS RECEIVED FROM SUPERINTENDING ENGINEERS. July 1862-Jan. 1863. 1 vol. 2 in. 971

Letters and reports from chief engineers at navy yards and shipyards concerning the progress of work on machinery being constructed under their supervision. Some of them were sent to Rear Adm. F. H. Gregory, General Superintendent of Ironclads in New York, and submitted by him to the Chief of the Bureau of Steam Engineering. Arranged chronologically, with an index to names of persons and vessels.

LETTERS RECEIVED FROM OFFICERS. July 31, 1863-Dec. 24, 1863. 1 vol. 2 in. 972

Letters received from engineers, navy agents, and other naval personnel, including reports of surveys of boilers and machinery, inspection and quarterly reports, diagrams and drawings of vessels and machinery, and correspondence pertaining to contracts, improvements in design, and repairs. Arranged in roughly chronological order, with an index arranged alphabetically by initial letter of name of officer and vessel.

LETTERS RECEIVED FROM MANUFACTURERS. Aug. 2, 1862-Dec. 19, 1862. 1 vol. 2 in. 973

Letters received from officials of foundries, ironworks, and shipyards pertaining to contracts for engines, boilers, and steam machinery, and to specifications, delivery dates, and related subjects. Arranged in roughly chronological order.

REPORTS OF INSPECTORS OF MACHINERY FOR IRONCLAD STEAMERS. Sept. 1862-Oct. 1864. 10 vols. 2 ft. 974

Weekly and biweekly reports from engineer officers serving as local inspectors on the status and progress of work under their supervision and on the number of men employed. The reports were made to the General Inspector of Steam Machinery at New York, who transmitted them to Rear Adm. F. H. Gregory, General Superintendent of Ironclads, with lists of the reports transmitted. They were then forwarded by Admiral Gregory to the Chief of the Bureau of Steam Engineering. Arranged chronologically, with indexes to names of persons and vessels in the volumes.

REPORTS OF INSPECTORS OF MACHINERY FOR IRONCLAD STEAMERS. Dec. 1862-Dec. 1863. 5 vols. 1 ft. 975

Semi-monthly reports of engineer officers serving as local inspectors, on the status and progress of work under their supervision and the number of men employed. They were submitted to the Chief of the Bureau of Steam Engineering or to the General Inspector of Ironclads at New York,

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who transmitted them to the Chief of the Bureau. Arranged chronologically, with indexes to names of persons and vessels in the volumes. The dates of some of the volumes overlap, but the reports are not duplicated.

PROGRESS OF WORK REPORTS. 1862-66. 9 ft.

Monthly reports on the progress of machinery construction and installation on board naval vessels, submitted by chief engineers and assistant engineers at various shipyards and naval stations. Arranged in roughly chronological order and thereunder by name of vessel.

GENERAL CORRESPONDENCE. 1865-87. 36 vols. 11 ft.

Letters received and press copies of letters sent. Arranged numerically by file number. For registers to the letters received in this correspondence, see entry 978.

REGISTER OF LETTERS RECEIVED. 1881-88. 2 vols. 4 in.

These volumes show date of letter, date it was received, name and address (or station) of writer, subject matter or vessel concerned, a brief of letter's contents, and, after 1884, file numbers of the general correspondence series described in entry 977. The correspondence referred to in the register before 1885 has not been found. Arranged chronologically.

LETTERS SENT. Jan. 1888-June 1910. 401 vols. 75 ft.

Press copies of letters sent to all correspondents. Arranged chronologically by year and thereunder numerically by file number. For indexes to this correspondence, see entries 981, 982, and 983.

LETTERS RECEIVED. Jan. 1888-June 1910. 549 vols. and unbound papers. 275 ft.

Arranged chronologically by year and thereunder numerically by file number. The letters received after April 1908 are unbound. For letters received relating to individual vessels, January-December 1910, see entry 987. For indexes to this correspondence, see entries 981, 982, and 983.

INDEXES TO CORRESPONDENCE. Jan. 1888-June 1910. 37 vols. 10 ft.

Indexes to letters received and sent showing name of correspondent, date the letter was received or sent, subject of correspondence, a brief of its contents, and file numbers of letters in the correspondence series described in entries 979 and 980. The volumes are arranged chronologically by year.

The entries in each volume are arranged in general by office or station of correspondent (Navy Department bureaus, office of the Secretary of the Navy, other Government agencies, navy yards, shipbuilding firms, and vessels of the fleet) and thereunder chronologically. Each volume also contains a general alphabetical name index to letters sent to and received from correspondents that are not otherwise entered. Many of the volumes contain an "index to index," arranged alphabetically by subject, showing page numbers on which references to the subject appear. In 1898 the system of using two index volumes for each year was begun. One volume, entitled "Ships," is an index to all correspondence sent to and received from vessels of the fleet; the other volume, entitled "Miscellaneous," is an index to all other correspondence. The correspondence

A year is designated by a particular letter of the alphabet, as "M" for 1904 and "N" for 1905. Letters sent are designated numerically with a file number, as "MM-512" and "N-1510"; letters received are designated numerically with a single letter, as "M-250" and "N-810." For card indexes duplicating information in some of these volumes, see entries 982

INDEX TO CORRESPONDENCE. Jan. 1904-June 1910. 18 ft.

982

Cards showing name and station or vessel of correspondent, an abstract of the letter, and file references to letters sent and received in the correspondence described in entries 979 and 980. Arranged in the following series: (1) an index to correspondence arranged alphabetically by subject and by name of navy yard and naval station; (2) a supplementary index to this correspondence, arranged alphabetically by subject and by name of vessel, navy yard, and naval station, containing entries not included in the principal index described above; and (3) an index to correspondence relating to barges, cutters, and similar vessels, arranged numerically by number of vessel, with a subseries arranged alphabetically by subject and by name of vessel. The information contained in this index is duplicated in the indexes described in entries 981 and 983.

INDEX TO CORRESPONDENCE. Jan. 1910-June 1910. 3 ft.

983

Cards showing name and station or vessel of correspondent, a brief of contents of letter, and file references to letters sent and received in the correspondence series described in entries 979 and 980. Arranged alphabetically by subject. The information contained in this index is duplicated in the indexes described in entries 981 and 982.

GENERAL CORRESPONDENCE. June 1910-Dec. 1910. 15 ft.

984

Letters received and copies of letters sent. Arranged numerically by file number. For the index to this correspondence, see entry 986. The copies of letters sent in this series are duplicated in the press copies described in entry 985.

LETTERS SENT. June 1910-Dec. 1910. 12 vols. 5 ft.

985

Press copies of letters sent to all correspondents. Arranged numerically by file number. For an index to this correspondence, see entry 986.

INDEX TO CORRESPONDENCE. June 1910-Dec. 1910. 4 ft.

986

Cards showing name and station or vessel of correspondent, a brief of contents of letter, date of letter, and file references to correspondence described in entries 984 and 985. Arranged in the following series: (1) an index to correspondence relating to ships, arranged alphabetically by subject, with a subseries arranged alphabetically by name of vessel; (2) an index to correspondence relating to the construction of vessels at navy yards and private construction companies, arranged alphabetically by name of navy yard or construction company; (3) an index to correspondence relating to wireless telegraphy, arranged alphabetically by subject and by name of radio and naval station; and (4) an index to correspondence relating to barges, cutters, and similar vessels, arranged numerically by number of vessel, with a subseries arranged alphabetically by subject and

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CORRESPONDENCE RELATING TO VESSELS. Jan. 1910-Dec. 1910. 32 ft.

Letters received and copies of letters sent. Arranged alphabetically by name of vessel and thereunder in roughly chronological order. The copies of letters sent in this series are duplicated in the press copies described in entries 979 and 985.

GENERAL CORRESPONDENCE. 1911-22. 1,250 ft.

Letters received and copies of letters sent. Arranged according to numerical classification scheme, a copy of which accompanied the record. For the index to this correspondence, see entry 989.

INDEX TO GENERAL CORRESPONDENCE. 1911-22. 77 ft.

Cards showing name and station or vessel of correspondent, date of letter, a brief of its contents, and file references to the correspondence described in entry 988. Arranged in the following series: (1) an index to correspondence relating to ships, arranged alphabetically by name and class of vessel; (2) an index to correspondence relating to private construction companies and manufacturing firms, arranged alphabetically by name of company; (3) an index to correspondence to and from various officials of the Government, arranged alphabetically by name of bureau, navy yard, or Government agency; (4) an index to correspondence relating to radio, arranged alphabetically by subject, with a subseries arranged by name of radio or naval station; and (5) a general subject index arranged alphabetically by subject, excluding subjects relating to radio and radio apparatus.

CORRESPONDENCE OF LT. SAMUEL M. ROBINSON. 1915-17. 1 vol. 3 in.

Letters received by Lieutenant Robinson and copies of letters sent by him regarding machinery installations and changes in machinery of the California, the Idaho, the New Mexico, and a few other vessels under construction, the engineering features of which were apparently under Lieutenant Robinson's jurisdiction. The correspondence is chiefly with the General Electric Co., Schenectady, N. Y., and the New York Navy Yard; some of the correspondence is semiofficial in nature. Contracts, specifications, and blueprints are included. Lieutenant Robinson was on duty in the office of the Chief of the Bureau of Steam Engineering, Washington, D. C. Arranged in part chronologically.

CORRESPONDENCE RELATING TO CONTRACTS OF VESSELS TO BE SCRAPPED. 1922-24. 3 in.

Letters received from inspectors of machinery at private shipyards and manufacturing companies, and copies of letters sent by the Chief of the Bureau of Engineering, officials of the contract adjustment office, and other officials of the Navy Department relating to the settlement of contracts for machinery and materials in connection with the construction of vessels to be scrapped as a result of disarmament agreements. Unarranged.

RECORDS RELATING TO MONTHLY BULLETINS. 1922-26. 1 ft.

Correspondence, memoranda, and reports on the preparation of monthly bulletins of professional interest to the personnel of the inspection service. Includes reports and contributions from technical personnel in the various branches of the service. All final copies

Platins. Arranged in roughly chronological order, with a series of cards arranged numerically.

INDEX TO CORRESPONDENCE. 1930-40. 2,000 ft.

993

Cards, telegrams, reports, memoranda, blue prints, graphs, drawings, and papers received and copies of those sent. Arranged according to Navy Filing Manual. For indexes to this correspondence, see entries 994 and 995.

INDEX TO GENERAL CORRESPONDENCE. 1923-40. 100 ft.

994

Cards showing name and station or vessel of correspondent, date of correspondence, a brief of contents of correspondence, and file reference to correspondence described in entry 993. Arranged in the following series: (1) an index to correspondence relating to vessels, arranged alphabetically by name of vessel and thereunder according to the Navy Filing Manual; (2) an index to the correspondence relating to radio, arranged alphabetically by subject and thereunder according to the Navy Filing Manual, with a subseries arranged by name of naval radio traffic station and naval radio compass station; and (3) a general subject index arranged alphabetically by subject and thereunder according to the Navy Filing Manual, excluding subjects relating to radio and radio apparatus.

INDEX TO CORRESPONDENCE FROM MANUFACTURERS REGARDING TESTS OF MATERIALS AND EQUIPMENT. 1930-40. 6 in.

995

Cards showing name of manufacturer, date and subject of correspondence, and file reference to correspondence described in entry 993. Arranged alphabetically by name of manufacturer.

REPORTS CONCERNING AIRCRAFT RADIO. 1923-25. 1 ft.

996

Radio and sound reports from commanders of aircraft squadrons containing information on radio apparatus received, expended, and surveyed, status of material on hand, and maintenance and installation of aircraft radio, with general remarks; reports on serviceable and unserviceable radio-telegraph-aviation apparatus from navy yards; and reports from naval air stations of radio operations, apparatus and material on hand, and assignments of personnel. This material bears the Navy Filing Manual classification number for aircraft radio but is unarranged thereunder.

MATERIAL FOR ANNUAL REPORTS OF THE CHIEF OF THE BUREAU OF ENGINEERING.

1923-25. 1 ft.

997

Annual reports from chiefs of divisions concerning organization, functions, and work done; annual reports from commandants of navy yards and inspectors of engineering material concerning work done during the year; and data from research laboratories for inclusion in annual reports. Most of this material relates to the annual report for 1925. Arranged.

IN RECORD AND PERSONAL RECEIPT SLIP." 1928-30. 1 ft.

998

Receipts for secret and confidential correspondence and publications showing classification of document (whether a despatch, letter, endorsement, or publication), Bureau file number, from whom requested, and

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whom sent, subject of document, and date the document was received. Arranged chronologically.

Laboratory Test Reports and Related Records

CARD RECORD RELATING TO TESTS OF IRON AND STEEL PLATES, CASTINGS, AND FORGINGS. 1914-27. 5 in. 939

Cards showing name of manufacturer submitting materials, name of laboratory conducting test, date of test, requisition and order numbers for the metals, a brief description of kind and condition of metal used, and results of tests. Arranged alphabetically by name of manufacturer.

CARD RECORD RELATING TO THE CHEMICAL ANALYSIS OF RUBBER. 1914-27. 2 ft. 1000

Cards showing name of company submitting rubber, name of laboratory conducting test, date of test, requisition and order numbers for material, a brief description of the type and condition of rubber used, and results of the analysis. Arranged alphabetically by name of company.

CARD RECORD RELATING TO THE CHEMICAL ANALYSIS OF METALS. 1927-30. 4 ft. 1001

Cards showing name of manufacturer submitting metal, name of laboratory conducting test, date of test, requisition and order numbers for material, a brief description of kind and condition of metal used, and results of the analysis. Arranged alphabetically by name of manufacturer.

REPORTS OF PERFORMANCE AND FACTORY TESTS ON TURBO-GENERATOR UNITS.

1932-33. 1 ft. 1002

Reports of inclined and parallel operation tests and of steam consumption tests on the turbo-generator units of various vessels manufactured by the Moore Steam Turbine Corp., Wellsville, N. Y., showing the results of hydrostatic, lubrication, noise, heat, and speed tests and of tests of spare parts and safety devices, together with accompanying blueprints, graphs, diagrams, and drawings. Arranged alphabetically by name of vessel.

FACTORY TEST RECORDS OF DIRECT-CURRENT MOTORS AND GENERATORS. 1934-35. 1003

5 in.

Test reports giving names of manufacturers, manufacturing type, class design, contract numbers, names of vessels receiving equipment, results of routine tests of speed and efficiency, specifications, and data on weight, friction, and general mechanical operations, together with accompanying graphs and diagrams. Unarranged.

REPORTS OF TESTS AT THE FIRE CONTROL LABORATORY, WASHINGTON, D. C., NAVY YARD. 1920-32. 1 ft. 1004

Reports of tests of speed and direction indicators, fire alarm systems, intercommunication telegraph and telephone systems, projection lamps, bells, and firing switches, together with accompanying blueprints, diagrams, and drawings. Arranged numerically by number of report.

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REPORTS OF TESTS AND RELATED CORRESPONDENCE AT THE FUEL OIL TESTING PLANT, PHILADELPHIA NAVY YARD. 1910-25. 2 ft. 1005

Reports of tests of boilers, fuel pumps, burners, heaters, valves, and Mexican fuel oil, together with accompanying correspondence, photographs, diagrams, drawings, and graphs. Arranged in roughly chronological order.

REPORTS OF TESTS AT THE FUEL OIL TESTING PLANT, PHILADELPHIA NAVY YARD. 1925-36. 12 ft. 1006

Reports of tests of fuel pumps, gauges, burners, piping, safety valves, linings, firebrick, shale oil, and shale oil byproducts, together with accompanying photographs, blueprints, and diagrams. Arranged numerically by number of report.

REPORTS OF TESTS AT THE INTERIOR COMMUNICATIONS LABORATORY, WASHINGTON, D. C., NAVY YARD. 1931-34. 5 in. 1007

Reports of tests of sirens, relays, contact makers, transmitters, receivers, thermostats, thermometers, resistors, incandescent lamps, switches, and telegraph and telephone equipment, together with accompanying photographs, diagrams, and drawings. Arranged numerically by number of report.

REPORTS OF TESTS AT THE MATERIAL LABORATORY, NEW YORK NAVY YARD. 1914-39. 18 ft. 1008

Reports of tests of electrical equipment including searchlights, switchboards and switchboard instruments, battle telephones, loudspeaking systems, storage batteries, fuses, air heaters, electrical cables, wires, and relays; of switches, generators, transformers, fans, paints, varnishes, and lacquers for electrical apparatus; and of insulating material, thermometers, and voltage indicators, together with accompanying photographs and diagrams. Arranged numerically by number of report.

CARD RECORD RELATING TO REPORTS OF TESTS AT THE MATERIAL LABORATORY, NEW YORK NAVY YARD. 1925-40. 1 in. 1009

Cards showing report number (see entry 1008), date and subject of report, and file references to pertinent correspondence in the series described in entry 993. Arranged chronologically.

REPORTS OF TESTS AT THE NAVAL BOILER LABORATORY, PHILADELPHIA NAVY YARD. 1933-41. 20 ft. 1010

Reports of tests of burners, gauges, firebrick, fire clay, insulating material, thermometers, fuel oil and fuel oil meters, furnaces, boilers, and boiler control equipment, together with accompanying photographs, diagrams, and drawings. Arranged numerically by number of report. The reports dated after June 30, 1940, are records of the Bureau of Ships.

CARD RECORD RELATING TO REPORTS OF TESTS AT THE NAVAL BOILER LABORATORY, PHILADELPHIA NAVY YARD. 1925-40. 1 in. 1011

Cards showing report number (see entry 1010), date and subject of the report, and file references to pertinent correspondence in the series described in entry 993. Arranged chronologically.

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REPORTS OF TESTS AT THE NAVAL ENGINEERING EXPERIMENT STATION, ANNAPOLIS, MD. 1910-39. 75 ft. 1011

Reports of tests of boilers, valves, steam motors, diesel engines, lubricating oils, aviation gasoline, electrodes, pistons, pumps, thermometers, packing and sound-absorbing materials, noise surveys, aluminum alloys, and steel plating, together with accompanying photographs, diagrams, and drawings. Included are a small number of reports from investigators in the field. Arranged numerically by number of report, with a subseries of similar reports designated as "B" reports arranged in a separate numerical series.

INDEX TO REPORTS OF TESTS AT THE NAVAL ENGINEERING EXPERIMENT STATION, ANNAPOLIS, MD. 1923-40. 8 in. 1012

Cards showing report number (see entry 1012), date and subject of report, and file references to pertinent correspondence in the series described in entry 993. Arranged alphabetically by subject.

CARD RECORDS RELATING TO REPORTS OF TESTS AT THE NAVAL ENGINEERING EXPERIMENT STATION, ANNAPOLIS, MD. 1923-40. 6 in. 1013

Cards showing report number (see entry 1012), date and subject of report, and file references to pertinent correspondence in the series described in entry 993. Arranged in the following series: (1) cards referring to test reports (1923-40), arranged numerically by number of report; (2) cards referring to test reports in subseries "B" (1938-40), arranged numerically by number of report; and (3) cards referring to test reports (1923-27), arranged chronologically.

REPORTS OF TESTS AT THE NAVAL RESEARCH LABORATORY, BELLEVUE, WASHINGTON, D. C. 1933-40. 5 in. 1015

Reports of tests of molding sands, alloys, electronic relays, horns, storage batteries, light polarization, antennas, and vacuum tubes, together with accompanying photographs, diagrams, and drawings. Unarranged.

Records Relating to Weights, Performances, Tests,
Repairs, and Alterations of Ships' Machinery

REPORTS OF MACHINERY WEIGHTS OF VESSELS. 1890-1915. 130 vols. 11 ft. 1015

Contain the following information: name of vessel, place it was built, dates of beginning and completion of its building, and weights of propelling machinery, of water in propelling machinery, of spares, stores, tools, and instruments carried on board, of miscellaneous machinery under steam engineering, and of spare parts not carried on board; under the general class of machinery, descriptions and weights of individual parts, data regarding weights in connection with the center of gravity, and division of ship on which parts were installed, arranged numerically by general class number; and recapitulations of weights showing division of ship, general classes of machinery installed in each division, and weights of each general class. Arranged by name of vessel in roughly alphabetical order.

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REPORTS OF SURVEYS AND TRIALS OF VESSELS' MACHINERY. Dec. 1862-

July 1865. 1 vol. 2 in.

1017

Reports of engineer officers at navy yards and shipyards and the Office of the General Superintendent of Ironclads, New York, N. Y., concerning the condition of machinery installed in vessels and engine performance in wharf trials. Arranged chronologically, with an index to names of persons and vessels.

ENGINEERING TRIAL REPORTS AND PERFORMANCE DATA OF VESSELS. 1886-1939.

140 ft.

1018

Reports of power, speed, and standardization trials and of official preliminary and final trials; monthly work reports; annual and quarterly engineering performance reports; arrival and departure, repair, and overhaul reports; reports of electrical plant tests; inspection reports; data on electrical apparatus; curves of resistance, and performance; hull data and descriptions of machinery and machinery operations; lists of spare parts for Bureau of Engineering equipment; and instructions on the care and use of various types of engineering apparatus. Arranged in three overlapping series as follows: by type of vessel and thereunder alphabetically by name or numerically by identification number; alphabetically by name of vessel; and by name of vessel but not alphabetically.

MISCELLANEOUS TEST REPORTS AND PERFORMANCE DATA OF VESSELS. 1890-1930.

3 ft.

1019

Reports, correspondence, working papers, and related material pertaining to vibration and evaporative tests, tests of centrifugal pumps, torsion and strain meters, internal combustion engines, and all types of propelling machinery, and investigations of mechanical failures; data on engine balancing and preliminary trials, data on machinery, hulls, and boilers and on propeller computations and design formulas for Bureau of Engineering equipment, together with accompanying photographs, blueprints, diagrams, drawings, graphs, and clippings from newspapers, magazines, and scientific journals. Arranged numerically in numbered folders, with a small part of the material unarranged.

RECORDS RELATING TO ENGINEERING PERFORMANCES OF VESSELS. 1923-27. 3 ft.

1020

Annual reports of engineering performances of vessels showing performance of engines, boilers, and auxiliaries; and memoranda from the Chief of Naval Operations to the Chief of the Bureau of Engineering transmitting annual reports, directions for the preparation of annual reports, reports of full power trials of vessels, and a few reports of target practice and gunnery exercises. This material bears the Navy Filing Manual classification number for engineering performances and thereunder is arranged in part chronologically.

REPORTS OF ACCELERATION AND RETARDATION TESTS OF VESSELS. 1932-33.

3 in.

1021

These reports are entitled "Data Regarding Acceleration and Retardation Tests." They show name of ship, place of test (off San Diego, Calif.), ship's displacement, condition of sea, wind direction, time the test was begun, revolutions per minute to be maintained, approximate

speed, and shaft-counter readings and differences. Arranged by name of ship.

SUBMARINE BATTERY RECORD BOOKS. 1922-28. 67 vols. 3 ft. 1022

These volumes contain histories of the care, treatment, and performance of storage batteries of submarines. They give information regarding type of battery, installations, overhauls, and inspections, and specific gravity and temperature readings of cells. Arranged by numerical designation of submarine.

ENGINE PERFORMANCE TESTS OF SUBMARINES. 1937-40. 5 in. 1023

Show name of vessel, time the test was started and time it was ended, length of test, type of engine tested, contract number, and technical data regarding performance of engine under test. Arranged by name of submarine (the Snapper, the Sailfish, the Seawolf, and the Triton).

REPORTS OF SHIP REPAIRS. 1929-39. 12 ft. 1024

Arrival and departure reports of repairs and overhauling to boilers, engines, general machinery, and electrical apparatus scheduled at various navy yards by the Bureau of Engineering. Frequently included are similar reports of repairs to equipment under the jurisdiction of the Bureaus of Construction and Repair, Supplies and Accounts, Ordnance, Navigation, and Aeronautics. Arranged alphabetically by name of vessel.

ORDERS FOR ALTERATION WORK ON SHIPS. 1925-26. 9 in. 1025

Show name of ship, to whom order was addressed (commandants of navy yards and commanding officers of ships), file references to pertinent Navy Department correspondence, alteration to be performed, when it was to be performed, materials to be used, and date the alteration was completed. These orders are copies that were returned to the Bureau of Engineering on completion of the work. Arranged according to Navy Filing Manual ships' symbols.

CARD RECORD OF CORRESPONDENCE REGARDING ALTERATIONS IN ENGINEERING EQUIPMENT. 1925-30. 2 in. 1026

These cards show alteration number, date of correspondence, and file references to correspondence in the series described in entry 993. Arranged numerically by alteration number.

WORK REQUESTS FROM NAVY YARDS. 1922-23. 2 ft. 1027

Requests for work "beyond the capacity of the ship's force," showing navy yard, name of ship, job order number, date, and description of work requested (such as installing call bell systems, repairing fuel oil pumps, and installing heating and lighting systems). Unarranged.

Ships' Plans and Related Records

PLANS OF NAVAL VESSELS. 1840-1932. 10 ft. 1028

Plans, tracings, drawings, blueprints, and vandykes of hulls, engines, boilers, auxiliary machinery, and equipment. Materials pertaining to a given vessel are grouped together. Some of the plans before 1910 originated in the Bureau of Equipment and most of those before 1862 were

originally maintained by the Board of Navy Commissioners and the Bureau of Equipment, Construction, and Repairs. There are very few plans dated before 1861 or after 1920.

INDEXES OF DRAWINGS OF SHIPS' MACHINERY. 1874-1904. 76 vols. 3 ft.

1029

Indexes of drawings of engines, boilers, and auxiliary machinery showing name of ship, subject of drawing, number of drawer or pigeonhole, case (indicated by letters of the alphabet), file number, type (blueprint, drawing, or tracing), and date received. Arranged by name of vessel in roughly alphabetical order and thereunder alphabetically by title of drawing. Some of the volumes do not show any dates. For the drawings to which some of these volumes refer, see entry 1028.

Records Relating to Supplies, Equipment, and Accounts

Procurement Records

CONTRACT REGISTER. Mar. 27, 1863-July 27, 1867. 1 vol. 2 in. 1030

Briefs of contracts showing date, class, amount, and material purchased. There is no apparent arrangement. The volume contains an index arranged alphabetically by initial letter of name of contractor.

CONTRACTS AND SPECIFICATIONS FOR MACHINERY. Aug. 1869-Dec. 1873. 1 vol. 1 in. 1031

Contracts for machinery to propel steamers showing date, place, names of contracting parties, and terms of contract. Specifications for the machinery and diagrams accompany most of the contracts. Arranged chronologically.

RECORDS RELATING TO CONTRACTS FOR ENGINEERING MATERIALS. 1915-22. 1 ft. 1032

Reports of material shipped that were received by the Bureau of Engineering from inspectors of engineering material. They show inspection district, date of shipment, name and address of manufacturer from whom shipped, name and address of shipyard, contractor, or navy yard to which shipped, number of contract for which shipped (including schedule number, class number, requisition number, and item number), kind of material, number of pieces shipped, and dimensions, marks, or descriptions of individual items shipped; and notifications from the Bureau of Supplies and Accounts that the contract had been entered into with the manufacturer; notifications from the Bureau of Engineering to inspectors of engineering material that the material should be inspected; and related memoranda concerning the status of contracts. Arranged by contract number.

RECORDS RELATING TO CONTRACTS. 1916-40. 520 ft. 1033

Letters; requisitions; reports of materials tested, inspected, and shipped; specifications; diagrams; blueprints; drawings; and related forms pertaining to contracts for all types of propelling machinery and electrical apparatus negotiated by the Bureau of Supplies and Accounts. Arranged numerically by contract number in two series, the first series from 1916 to 1926 and the second from 1926 to 1940. For an index to the earlier series, see entry 1035.

RECORDS RELATING TO MISCELLANEOUS NAVY DEPARTMENT CONTRACTS. 1917-25;
1934-40. 9 ft. 1031

Letters; requisitions; reports of materials tested, inspected, and shipped; supply orders; specifications; blueprints; and related forms pertaining to contracts for various types of propelling machinery and electrical apparatus. Arranged numerically by contract numbers in two series, the first series from 1917 to 1925 and the second from 1934 to 1940. For an index to the earlier series, see entry 1035.

INDEX TO CONTRACTS. 1914-26. 5 ft. 1035

A card index showing contract number (see entries 1033 and 1034), schedule and requisition numbers, kind and class of material involved, name and address of contractor or manufacturer, date of contract, date and place of delivery, amount of contract, place of inspection, purpose for which material was intended, and related data. Arranged alphabetically by name of contractor or manufacturer.

CARD RECORD OF CORRESPONDENCE REGARDING CONTRACTS. 1904-10. 3 ft. 1036

These cards show contract number and subject of contract of pertinent correspondence described in entries 979 and 980. Arranged numerically by contract number.

CARD RECORD OF CORRESPONDENCE REGARDING CONTRACTS. 1923-40. 14 ft. 1037

These cards show contract number, date of correspondence, name or station of correspondent, and a brief of contents of letter. The records to which these cards refer are described in entries 993, 1033, and 1034. Arranged numerically by contract number in two overlapping series.

CONTRACTS OF THE NAVY PURCHASING OFFICE AND RELATED CORRESPONDENCE.

1926-42. 177 ft. 1038

Copies of contracts, requisitions, reports of materials inspected and shipped, related forms, and correspondence pertaining to contracts, negotiated by Navy purchasing offices at navy yards and naval stations, for a wide variety of supplies and parts and for various types of propelling machinery and electrical apparatus for the Bureau of Engineering (after June 30, 1940, the Bureau of Ships). Arranged by name of navy yard or naval station and thereunder numerically by contract number.

CARD RECORD OF CORRESPONDENCE REGARDING CONTRACTS OF THE NAVY PURCHASING OFFICE. 1935-40. 3 ft. 1039

These cards show contract number, date of correspondence, name or station of correspondent, and a brief of contents of letter. The correspondence to which these cards refer is described in entry 1038. Arranged by name or numerical designation of purchasing office and thereunder by contract number.

CONTRACTS AND SPECIFICATIONS FOR CONSTRUCTION PROJECTS AT NAVAL COALING STATIONS. 1898-1906. 12 vols. 1 ft. 1040

Contracts for materials, labor, tools, and appliances for construction

of coaling plants, wharves, water supply systems, coal sheds and other buildings at naval coaling stations at Honolulu, Hawaii; Key West, Fla.; Frenchman's Bay, Maine; Narragansett Bay, Newport, R. I.; Japonski Island, Sitka, Alaska; and Guantanamo, Cuba, showing names of contracting parties, date of contract, and terms of contract. Each contract is accompanied by detailed specifications and blueprints relating to the work to be done. Arranged numerically by contract number.

SHIPS' SPECIFICATIONS. 1889-1922. 77 ft.

1041

These printed booklets and pamphlets, with manuscript annotations, contain specifications of the Bureau of Engineering for boilers, auxiliary machinery, and electric plants; and specifications of the Bureau of Construction and Repair for the construction of ships, including specifications for equipment under the Bureau of Equipment and for the installation of ordnance. Arranged by class of ship and thereunder alphabetically by name or numerically by number of ship. There are also specification and instruction pamphlets on such subjects as specifications for the inspection of material, specifications for electrical appliances, and instructions for painting and cementing.

SPECIFICATIONS FOR PROPELLING MACHINERY FOR TORPEDO BOAT DESTROYERS.

1916-19. 10 vols. 10 in.

1042

These volumes show, on the left-hand page, number of boat or class of boat; printed specifications for its propelling machinery, boilers, auxiliary machinery, electric plant, communication and signaling devices, and for the inspection of material; and, on the right-hand page, related manuscript notations and calculations. Arranged numerically by boat number (the lowest number first if the volume includes information on several boats). There are indexes in the volumes.

REGISTER OF REQUISITIONS FOR MACHINERY. 1862-65. 1 vol. 1 in.

1043

Shows date the requisition was received, where it was from (name of vessel or naval station), articles requisitioned, where articles were sent, date they were sent, and requisition number. Arranged alphabetically by initial letter of place to which the articles were sent.

REGISTER OF REQUISITIONS FOR SUPPLIES. 1862-65. 1 vol. 3 in.

1044

Shows date and subject of requisition, where it was from, where supplies were sent or request was referred, date of reply, and file references to a correspondence series which has not been found. The register also contains entries for a few letters received, giving date of letter and a brief of its contents. Arranged alphabetically by initial letter of name of vessel, navy yard, or naval station; thereunder chronologically.

INDEX TO REQUISITIONS FOR SUPPLIES AND EQUIPMENT. 1921-27. 29 ft.

1045

Cards showing subject of requisition or name of vessel, naval station, or navy yard involved, a brief description of material, navy yard or bureau completing requisition, requisition and schedule numbers, and class and cost of material. Arranged alphabetically by subject and thereunder by name of vessel, navy yard, or naval station. The requisitions from which this index refers have not been found.

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CARD RECORD OF CORRESPONDENCE REGARDING REQUISITIONS FOR SUPPLIES.

1940. 5 in. 1046

These cards show requisition number, date of correspondence, name of station of correspondent, and a brief of contents of letter. Arranged by name of bureau, navy yard, or naval station.

SCHEDULES OF SUPPLIES AND NOTICES OF AWARDS ON BIDS. 1928-30. 20 ft. 1047

Schedules of supplies under the jurisdiction of the Bureau of Engineering; copies of Bureau of Supplies and Accounts' notices of awards showing firm to which awarded, schedule and class numbers of supplies, navy yards to receive delivery, description of supplies, dates of inspection, and by whom inspected. Included are memoranda exchanged between Bureau of Supplies and Accounts and the Bureau of Engineering concerning the status of schedules and recommendations regarding awards. Arranged numerically by schedule number.

SCHEDULES OF SUPPLIES AND RELATED CORRESPONDENCE. 1937-40. 43 ft. 1048

Schedules of supplies under the jurisdiction of the Bureau of Engineering, and related correspondence with the Bureau of Supplies and Accounts concerning modifications and cancellations of schedules and recommendations regarding awards and with firms regarding the submission of proposals. Arranged numerically by schedule number.

CARD RECORD RELATING TO SCHEDULES OF SUPPLIES AND EQUIPMENT. 1919-25. 2 ft. 1049

Cards showing schedule number, date of schedule, a brief description of materials involved, date of award recommendation, contract number, and remarks. Arranged numerically by schedule number.

CARD RECORD OF CORRESPONDENCE REGARDING SCHEDULES OF SUPPLIES. 1923-40. 8 ft. 1050

These cards show schedule number, date of correspondence, name or station of correspondent, and a brief of contents of letter. The correspondence and schedules to which these cards refer are described in entries 993, 1047, and 1048. Arranged numerically by schedule number in two overlapping series.

Allowance Lists of Vessels

STEAM ENGINEERING ALLOWANCE OF THE TULSA. 1917. 1 vol. 1/2 in. 1051

This volume contains lists of steam engineering machinery, apparatus, and parts, and numbers of the various items allowed. Arranged in the following four classes: equipment permanently installed (title "A"); movable tools and equipment (title "B"); spare parts for machinery (titles "D" and "X"); and supplies and tools easily consumable or inexpensive (title "X").

STEAM ENGINEERING ELECTRICAL ALLOWANCE OF THE PECOS. 1918. 1 vol. 1 in. 1052

This volume shows article, class and title, number allowed, and

remarks. Arranged alphabetically by general class of article, with an alphabetical index to general classes and specific items.

STEAM ENGINEERING ALLOWANCE OF THE PECOS. 1918. 1 vol. 1 in. 1053

This volume contains lists of steam engineering machinery, apparatus, and parts, and numbers of the various items allowed. Arranged in the following four classes: equipage permanently installed (title "A"); movable tools and equipage (title "B"); spare parts for machinery (titles "B" and "X"); and supplies and tools easily consumable or inexpensive (title "X").

Records Relating to Appropriations

RECORDS RELATING TO EXPENDITURES UNDER APPROPRIATIONS. 1924-31. 2 ft. 1054

Prepared statements for congressional committees containing title of appropriation, analysis of expenditures showing object of expenditure, expenditures and obligations for the present fiscal year and estimates of expenditures for the next two fiscal years, and charts showing relationship between present expenditures, allocations for the next fiscal year, and requirements for the following fiscal year. Included are justifications and statements of important work done, and quarterly and monthly statements of obligations, statements of funds expended and obligated, and memoranda regarding the status of appropriations. Arranged chronologically under the Navy Filing Manual file number for appropriations.

RECORDS OF ALLOTMENTS OF APPROPRIATIONS. 1930-32. 2 ft. 1055

Reports from navy yards, entitled "Data Regarding Allotments Covering Engineering Work on Ships." They show name of ship, period of overhaul, authorized overhaul costs for labor, materials, and indeterminate expenses, and total authorized overhaul costs, total amount spent in the previous month, estimated expenditures for the present month, amount taken up for the next month, and estimates for the remaining months; requests for allotments; and telegrams reporting allotments. Arranged numerically according to the Navy Filing Manual classification number for each navy yard.

Miscellaneous Records

LIST OF ENGINEERS' STORES ON BOARD VESSELS. 1844-64. 3 in. 1056

Invoices of engineers' stores on board various naval vessels showing quantity and cost of items listed. Unarranged.

MISCELLANEOUS BILLS. 1863-66. 6 in. 1057

Bills for steam machinery and equipment furnished and for extra work performed in the construction of naval vessels by contractors at various shipyards and naval stations. Unarranged.

RECORD OF STORES RECEIVED BY THE CLEMATIS. 1864-66. 1 vol. 1/2 in. 1058

Contains copies of requisitions for tools, wood, coal, and miscellaneous supplies and equipment required for the engineering department of

the vessel, and shows kinds and quantities of materials and dates they were received. Arranged chronologically.

LEDGER OF RECEIPTS AND EXPENDITURES OF STORES ON BOARD THE BALTIMORE.

1891-93. 1 vol. 3 in. 1059

A record of stores of the engineering department of the vessel showing articles received and expended, quantities received and expended, dates they were received and expended, and cost of articles received and expended. Arranged by article.

CARD RECORD RELATING TO THE SALE AND DISPOSITION OF POWERBOAT ENGINES.

1911-38. 2 ft. 1060

Cards showing type and make of engine and the engine number, where engine was built, date of completion, boat to which engine was assigned, date of sale or other disposition, and related data. Arranged numerically by engine number.

CARD RECORD RELATING TO POWERBOAT ENGINES. 1923-36. 3 ft. 1061

Cards indicating whether powerboat engines were in stock at various navy yards and naval stations and showing type and number of engine, name of navy yard or naval station, date the engine was received or issued, and data on number of such engines assigned or on hand. Arranged by type of engine and thereunder by name of navy yard or naval station.

CARD RECORD RELATING TO SURVEYS OF SUPPLIES AND EQUIPMENT. 1930-40.

5 in. 1062

These cards show date, number, and subject of surveys, conducted at various navy yards and naval stations, on the condition of supplies and equipment. Arranged alphabetically by name of navy yard or naval station.

Miscellaneous Records

PATENT RELEASES. 1861-68. 9 in. 1063

Authorizations from inventors and holders of patents on steam equipment releasing the Navy Department from all charges and fees for using various types of steam machinery and accessories. Arranged in roughly chronological order.

RECORDS OF EXAMINATIONS TAKEN BY ENGINEER OFFICERS. 1862-98. 1 vol. 1064

1 in.

This volume relates to examinations taken by applicants for the positions of Chief Engineer and Assistant Engineer. It shows name, rank, age, and length of service of applicant, grade for which examined, and date and result of test. Arranged by grade applied for and thereunder in roughly chronological order.

PERSONNEL RECORDS OF ASSISTANT ENGINEERS. 1896-98. 1 vol. 3 in. 1065

This volume shows names, dates and places of birth, dates of commissions, and abstracts of orders relating to a few Assistant Engineers of the Bureau. Arranged by name of engineer, with an alphabetical index to names in the front of the volume.

RECORDS RELATING TO PERSONNEL CLASSIFICATION OF INSPECTORS OF ENGINEERING
MACHINERY. 1923. 5 in. 1066

Statements of classification of employees under the Classification Act of 1923; statements of duties and job descriptions; statements of organization and functions of inspection offices, with some organization charts; recommendations regarding changes in salaries and classifications; lists of personnel; reports of new appointments; and reports of changes in pay. Arranged by name of inspection district.

RECORDS RELATING TO MACHINERY FOR LIGHT CRUISERS NOS. 24-31. 1928-29.

2 ft. 1067

Proposals from contractors to deliver materials and apparatus, with prices quoted; drafts of purchase orders and notifications of acceptances of orders; and memoranda exchanged between the Bureau and inspectors of machinery concerning unsatisfactory and uncompleted work, trials of vessels, proposed rearrangements of quarters, and extensions of contract time. Unarranged. A few items relating to Light Cruiser No. 7 (the Raleigh), dated in 1923, are scattered among these records.

SPECIFICATIONS OF A 13-GUN STEAM SLOOP OF WAR THAT WAS DESIGNED AND

PROPOSED BY ALBAN C. STIMERS. n.d. 1 vol. 1/2 in. 1068

Specifications containing a general description of the vessel, principal dimensions, and a detailed description of the vessel and its steam machinery. Stimers' title is given as Chief Engineer. The volume is not further identified.

RECORDS SUBMITTED IN THE CASE OF THE HAZELTINE CORP. vs. THE ATWATER

KENT MANUFACTURING CO. 1926-29. 1/4 in. 1069

This was a case in the U. S. District Court for the Eastern District of Pennsylvania involving an alleged infringement of patent rights in connection with electrical circuits. The records consist of copies of drawings and diagrams relating to electrical circuits, with related memoranda, which were called for from the Bureau of Engineering and later returned to the Bureau. Unarranged.

"NAVY YARD FILE." 1909-23. 4 ft. 1070

Unidentified index cards showing subject and date of correspondence and file numbers (such as 0913, 01191) to an unidentified series of records. The cards also contain other reference numbers (such as B.S. No. 43; C&R 18176), and "scheme" and "program numbers" (such as Scheme No. 2; Program 1917). Arranged in the following series: (1) by year and thereunder alphabetically by subject, and (2) by type or class of vessel and thereunder alphabetically by subject. In addition there is a sub-series designated "Miscellaneous Ships and Sketches," arranged alphabetically by subject.

RECORDS OF SUBORDINATE UNITS OF THE OFFICE OF THE CHIEF OF THE BUREAU

Records of the General Inspector of Machinery

The duties of the General Inspector of Machinery were to act in an advisory capacity to the Bureau, to inspectors of machinery, and to

inspectors of naval material for matters under the Bureau's jurisdiction; to supervise the administration of inspection offices; and to serve as ex officio senior member of the board on machinery changes for vessels being built under private contracts.

GENERAL CORRESPONDENCE. 1905-26. 9 ft. 1071

Letters, memoranda, and reports received and copies of those sent, including correspondence and reports from inspectors of machinery at navy yards and private shipyards, correspondence with contractors, reports of boards investigating construction irregularities, bills for office supplies, travel orders and transportation requests, and correspondence relating to personnel, wages, annual reports, and tests of equipment. Arranged alphabetically by subject or by name of correspondent in two series, the first entitled "Subject File" and the second, "General Correspondence." There is no apparent difference in the content of the two series.

Records of the Division of Logs and Records

The Division of Logs and Records was responsible for the checking and reviewing of engineroom logs of naval vessels; the compilation of and issuance to seagoing personnel and naval training schools of Bureau pamphlets relating to the care and management of machinery on shipboard; the preparation of and issuance to the naval service of the "Confidential Bulletins of Engineering Information"; and the filing and indexing of all important data regarding engineering matters, with special reference to naval vessels.

STREAM LOGS OF NAVAL VESSELS. 1845-1906. 2,630 vols. 158 ft. 1072

Daily reports showing name of vessel, name of commanding officer, location of vessel, and date; hourly reports on speed of vessel, direction and force of wind, course of vessel, performance of engines, amount of fuel used, temperature in engineroom and on deck, and amount of concentration of water in the boilers; reports giving total amount of fuel expended during day and amount remaining on hand, number of knots run during day, latitude and longitude; and remarks concerning the condition of the sea and the events that occurred. The later logs also contain descriptions of engines, boilers, and auxiliary machinery. Arranged alphabetically by name of vessel.

REFERENCE DATA. 1887-1935. 83 ft. 1073

These records include the following publications of the United States and foreign governments on technical subjects relating to engineering; reports regarding trials of vessels, characteristics of vessels, and inspections of machinery; data regarding foreign vessels; specifications and tracings of vessels; lists of patentees and decisions regarding patents, trademarks, and copyrights; copies of lectures given by naval officers; and occasional items of correspondence. Arranged numerically.

INDEX TO REFERENCE DATA. 1887-1935. 15 ft. 1074

A card index showing subject of document or name of author, a brief of contents, and file references to the records described in entry 1073. Arranged alphabetically by subject or by name of author. In addition to

this index there is another index, apparently incomplete, which shows only the subject of the document or the name of the author and the document's file number.

CARD RECORD OF REFERENCE DATA. 1837-1935. 1 ft. 1075

These cards show subject of document or name of author, a brief of contents, and file references to the records described in entry 1073. Arranged numerically by file number.

BIBLIOGRAPHY ON CONDENSER TUBE CORROSION. 1864-1941. 3 in. 1076

Cards showing author, title, publisher or title of publication, date of publication, and often extracts and summaries of information contained in technical publications relating to condenser tube corrosion. Arranged chronologically.

CARD RECORD OF BOILER AND CONDENSER TUBE RENEWALS. 1900-1920. 3 in. 1077

These cards show name of vessel, date and place of retubing boilers and condensers, and related information. Arranged alphabetically by name of vessel.

INSTRUCTIONS FOR USING LOOSELEAF ENGINEER ROOM LOGS. 1917. 3 in. 1078

General instructions for maintaining record sheets of engineer room logs on vessels, together with sample sheets and directions on arrangement and type of information to be supplied. Arranged numerically by number of sample record sheet.

COAL SPEED CURVES OF VESSELS. n.d. 1 vol. 1 in. 1079

Graphs showing number of tons of coal consumed in relation to number of knots per hour. Arranged by name of vessel. The names of the vessels concerned are listed in the front of the volume.

MISCELLANEOUS INFORMATION CARDS. n.d. 1 in. 1080

Contain data on boilers and boiler tests, performance curves of vessels, formulas for efficiency determinations and other calculations, oil lubricating requirements, names and addresses of manufacturers, and similar information on a variety of subjects. Arranged alphabetically by subject.

Records of the Radio Division

The Radio Division, at first known as the Division of Radio Telegraphy and after September 1930 as the Division of Radio and Sound, had charge of the design and supply of radio apparatus for ship and shore installations and for aircraft, and of the development of antisubmarine and antiaircraft sound devices.

ORDERS AND MEMORANDA. 1906-30. 1 ft. 1081

Orders, circular letters, and office memoranda relating to the development, supply, and operation of radio equipment and apparatus and to the general administration of the Radio Division; and despatches of the Navy Department, 1921-30, relating to administrative matters. Before 1910 these are records of the Bureau of Equipment. Arranged chronologically.

SEMI-MONTHLY RADIO REPORTS. 1915-19. 5 in.

1082

Blueprint copies of reports of the Bureau containing information on the testing and development of radio equipment, directions for the installation and use of radio apparatus, discussions of the deficiencies of various types of radio apparatus, and information on research and patents. Arranged chronologically.

CORRESPONDENCE RELATING TO CONTRACTS FOR RADIO EQUIPMENT. 1918-20.

2 ft.

1083

Correspondence concerning bids for contracts and specifications for transmitters, insulators, and generators; requisitions for material; and modifications in the design of radio apparatus, with accompanying photographs and drawings of radio equipment. Unarranged.

REPORTS AND DATA RELATING TO RADIO. 1919-42. 8 ft.

1084

Reports of tests, investigations, and experiments in radio operations and technology; data on radio policy; technical reports and publications; administrative orders; minutes of meetings; and Navy Department circular letters. Arranged alphabetically by subject.

CORRESPONDENCE AND REPORTS RELATING TO RADIO. 1924-36. 4 ft.

1085

Correspondence and reports exchanged between officials of the Radio Division, other units of the Navy Department, and private individuals. These records consist of reports on radio operations and communication; monthly reports of experiments; correspondence relating to the supply of new equipment, radio apparatus for the fleet, communication competitions, and the policies of the Naval Research Laboratory; and photostatic copies of articles from technical magazines and reviews. Included also are some circular letters, intraoffice memoranda, and minutes of Bureau meetings and conferences similar to those described in entries 1081 and 1084. Arranged alphabetically by subject.

REPORTS FROM NAVAL RADIO STATIONS. 1925-40. 186 vols. 45 ft.

1086

Consist of looseleaf binders containing maps, drawings, diagrams, photographs, and textual descriptions of locations, facilities, and equipment of naval radio stations, including information on buildings, power lines, antenna systems, radio navigational equipment, transmitters, repairs, and historical data. Arranged by name of station, the stations being in no particular order.

RECORDS OF BOARDS OF OFFICERS

Records of Examining Boards of Naval Engineers, Philadelphia, Pa.

An act of Congress approved March 3, 1871, provided that no person should be appointed in the Engineer Corps of the Navy until he was found qualified by boards of competent engineer and medical officers designated by the Secretary of the Navy. The boards of naval engineers that met either in Philadelphia or at the Philadelphia Navy Yard were appointed and dissolved as business before the boards warranted. The membership of these boards changed from time to time, but the records kept by them are a continuous series.

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LETTERS SENT. Mar. 1875-Dec. 1899. 4 vols. 7 in. 1087

Copies of letters sent chiefly to the Secretary of the Navy reporting on the outcome of examinations and to chiefs of Navy Department bureaus concerning candidates, with some lists of candidates and grades. Arranged chronologically. The last volume, for the period May 1898-December 1899, contains press copies. The volume for the period March 1875-April 1884 has an index; the volume for the period May 1884-December 1896 has an incomplete index.

LETTERS RECEIVED. May 1871-Dec. 1899. 5 vols. 6 in. 1088

Letters from candidates concerning their qualifications or complaining about the grade to which they were appointed; letters from the Naval Academy transmitting merit rolls of cadet engineers; letters from the Judge Advocate General acknowledging the receipt of proceedings in individual cases; letters from officials of the Navy Department transmitting testimonial letters regarding candidates; and letters from the Chief of the Bureau of Steam Engineering concerning the recommendations and work of the board, appointments and leaves of absences of members of the board, and the forwarding of textbooks for use in examinations. Arranged chronologically.

JOURNALS. Apr. 1876-Dec. 1899. 6 vols. 2 ft. 1089

These volumes record the work of the boards meeting in Philadelphia, Pa. They show times of convening and adjourning, names of candidates examined, and recommendations. Included are copies of letters from the Secretary of the Navy establishing the boards. Arranged chronologically. The volume for the period December 1881-June 1886 has a name index.

EXAMINATION PAPERS. n.d. 3 ft. 1090

Contain name, age, birthplace, and residence of the candidate, a statement of his education and experience, and the examination questions and answers. They appear to relate chiefly to successful candidates. Arranged alphabetically by name of candidate.

Records of the Examining Board of Naval Engineers, Boston Navy Yard

Upon the outbreak of the Spanish-American War a board of naval officers was set up to consider the appointment of Acting (temporary) Officers in the Navy. The board recommended that boards of officers be established at certain navy yards, including the Boston Navy Yard, to examine applicants for appointment as Acting Officers in the Line, Medical Corps, Pay Corps, and Engineer Corps. Accordingly, a board of engineer officers was appointed at the Boston Navy Yard to examine candidates for appointment as Acting Assistant Engineer Officers. The board was in session from May 3 to July 11, 1898.

CORRESPONDENCE RELATING TO THE BOARD. 1898. 1/4 in. 1091

Consists of copies of the following: a letter, dated April 27, 1893, from the Secretary of the Navy to the commandant of the Boston Navy Yard regarding the establishment of the board; a recommendation of the board established to consider the appointment of temporary officers (no place, date, or names of members shown); the commandant's letter reporting the

establishment of the board at the Boston Navy Yard; and letters of instruction to the board from the Secretary of the Navy, the Chief of the Bureau of Navigation, and the Chief of the Bureau of Steam Engineering. Arranged chronologically.

LETTERS SENT. May-July 1898. 1 vol. 1 in.

Press copies of letters sent to the commandant of the Boston Navy Yard and to the Chief of the Bureau of Steam Engineering regarding candidates recommended for acceptance or rejection, and of letters sent to the candidates informing them whether they passed or failed the examinations. Arranged chronologically.

ROUGH MINUTES OF THE BOARD. May 3-July 11, 1898. 1/2 in.

A daily record of the board showing time of convening and time of adjourning, names and other data concerning candidates examined, and general information relating to the work of the board. Arranged chronologically.

CORRESPONDENCE RELATING TO AND EXAMINATION PAPERS OF SUCCESSFUL CANDIDATES. May-July 1898. 6 in.

Letters from professors and others recommending applicants; examination papers containing questions and answers; and information concerning candidate's age, birthplace, education, and experience. Arranged alphabetically by name of candidate.

Records of the Board on Plans of Steam Capstans
Steam Engineering Gear, and Steam Windlasses

This board, composed of engineer officers, was appointed on August 29, 1877, to examine such plans of steam capstans, steam engineering gear, and steam windlasses as were submitted to it or which it could procure. The board was instructed to meet at the New York Navy Yard and to report separately on each plan.

REPORT OF THE BOARD. Mar. 1878. 1 vol. 2 in.

Contains a copy of the letter of the Chief of the Bureau of Steam Engineering, dated August 29, 1877, establishing the board and the board's reports on plans examined, with accompanying drawings and letters received from inventors and others concerning the plans. Arranged chronologically.

Records of the Board on Tests of Liquid Fuel for Naval
Purposes, 1902-4

An act of Congress approved July 1, 1902, appropriated \$20,000 for extended tests of liquid fuel oil (from the California and Texas oil fields) for naval purposes. The act provided that the tests should be carried out under the direction of the Bureau of Steam Engineering, and a board of three officers was appointed to make the tests. The board conducted these tests on vessels and at laboratories, consulted with commercial firms regarding the use of liquid fuel on commercial vessels, and collected data from naval officers at shipyards, from foreign countries, and from commercial firms. The board completed its work in 1904.

RECORDS. 1902-4. 3 ft.

1096

Tables and test reports of trials, computation sheets, data regarding prices of oil, correspondence with naval officers at shipyards regarding their experiences and opinions, correspondence with private shipbuilders regarding the use of liquid fuel oil in commercial vessels, extracts of articles from foreign magazines, newspaper clippings on petroleum and other pertinent subjects, tracings, drawings, and blueprints of oil burning apparatus, drafts of the board's report, and miscellaneous correspondence and data on fuel oil tests. Arranged in part by subject and thereunder by name of correspondent or type of material; in part, unarranged.

FIELD RECORDS

Records Relating to the Columbian Iron Works and Dry Dock Co. Baltimore, Md.

LETTERS SENT BY THE INSPECTOR OF MACHINERY. 1895-98. 1 vol. 1 in.

1097

Press copies of letters sent to contractors, manufacturers, the Bureau, and others relating to construction activities within the jurisdiction of the inspector of machinery. Arranged chronologically. There is an index, arranged alphabetically by initial letter of subject or name of correspondent, showing name or subject and page number.

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY FROM THE BUREAU.

1895-98. 1 vol. 2 in.

1098

Letters received relating to the construction and installation of machinery, machinery parts, and accessories on board various torpedo boats (see entry 1099). Arranged numerically, with an index showing subject of letter and file number.

MISCELLANEOUS LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY. 1895-99.

1 vol. 2 in.

1099

Letters received from the Bureau of Steam Engineering, contractors, manufacturers, and others on a variety of subjects under the jurisdiction of the inspector of machinery. Arranged numerically by file number, with an index showing subject or name of correspondent and file number.

LETTERS FROM THE PRESIDENT OF THE COLUMBIAN IRON WORKS AND DRY DOCK CO.

1895-97. 1/4 in.

1100

Copies of letters from the president of the company to the Chief of the Bureau that were transmitted to the inspector of machinery. Unarranged.

GENERAL CORRESPONDENCE OF THE INSPECTOR OF MACHINERY. 1899-1904.

2 vols. 6 in.

1101

Letters received and copies of letters sent to all correspondents relating to construction activities within the jurisdiction of the inspector of machinery of the Columbian Iron Works. Arranged numerically by file number, with an index at the beginning of each volume showing subject of letter and file number assigned. For a register and a list of some of this correspondence, see entries 1102 and 1103.

REGISTERS OF LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY. 1898-1903.
1 vol. 1/2 in. 1102

This volume contains a register of letters received from the Bureau of Steam Engineering, 1898-1903, showing date of letter, date received, subject of correspondence, and Bureau's file number, arranged alphabetically by file letter of Bureau (SS, TT, WW, etc.) and thereunder numerically by file number; and a register of letters received from the Bureau of Ordnance, 1900-1903, giving similar information, arranged in roughly numerical order by Bureau of Ordnance file number. The letters received that are entered in this register are filed in the general correspondence of the inspector of machinery (see entry 1101) and in the several series of correspondence, described below, relating to individual vessels.

LISTS OF LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY. 1898-1904.
1/4 in. 1103

Chronological lists of letters received from the Bureaus of Steam Engineering and Ordnance giving for each letter its date, a brief of its contents, and the Bureau's file number. The letters listed are filed in the general correspondence of the inspector of machinery (see entry 1101) and in the several series of correspondence, described below, relating to individual vessels.

ACKNOWLEDGMENTS OF LETTERS RECEIVED FROM THE BUREAU. 1899-1902. 1 vol.
3 in. 1104

Copies of weekly letters sent to the Bureau by the inspector of machinery listing Bureau communications and acknowledging their receipt. Arranged chronologically.

PAPERS RELATING TO MONTHLY REPORTS OF THE INSPECTOR OF MACHINERY.
1895-97. 6 in. 1105

Rough drafts, notes, and copies of statements and drafts of reports showing number and type of workmen employed, hours worked, and wages paid, and kind, quantity, and cost of materials received and used in the construction and installation of machinery on board various torpedo boats. Unarranged.

REPORTS OF MATERIAL REJECTED BY THE INSPECTOR OF MACHINERY. 1895-96.
1/4 in. 1106

Consist of monthly lists of machinery and machinery parts and accessories rejected, giving name of manufacturer, a brief description of material, reasons for rejection, and remarks. Unarranged.

PROGRESS OF WORK REPORTS OF THE INSPECTOR OF MACHINERY. 1895-98. 3 in.
1107

Copies of monthly reports listing the quantity of machinery, machinery parts, and accessories received and machined for use in the construction of various torpedo boats. Arranged chronologically.

CONTRACTS FOR TORPEDO BOATS AND RELATED CORRESPONDENCE. 1895-98.
1/2 in. 1108

Copies of contracts for various torpedo boats filed in the office of the inspector of machinery, together with related correspondence. Arranged by name or number of vessel.

RECORDS RELATING TO PAYMENTS TO CONTRACTORS. 1895-98. 3 in. 1109

Copies of contractors' bills and applications forwarded to the Bureau of Steam Engineering by the inspector of machinery requesting payment in accordance with contract agreements for work performed on various torpedo boats, together with special reports of work completed. Unarranged.

OPEN PURCHASE VOUCHERS. 1895-1904. 7 in. 1110

Vouchers of the office of the inspector of machinery relating to the purchase of all types of supplies and equipment. They show date, name of contractor or manufacturer, and kind, quantity, and cost of material involved. Arranged numerically by voucher number.

MISCELLANEOUS RECORDS OF THE INSPECTOR OF MACHINERY. 1895-1904. 9 in. 1111

Include correspondence and reports on trials and performances; estimates of unfinished work; express company receipts for packages delivered; papers relating to repair work, finished drawings, and valve functions; contractor's bills for overtime; miscellaneous blueprints; copies of specifications; and statements of pounds of materials received. Unarranged.

RECORDS OF BOARDS ON CHANGES. 1896-98. 3 in. 1112

Reports of boards on increased or decreased costs involved as a result of changes in the design of machinery and machinery accessories on board various torpedo boats, together with copies of bills submitted by the contractor for these changes. Unarranged.

EFFICIENCY REPORTS OF CIVILIAN EMPLOYEES. 1896-1903. 1 in. 1113

Semiannual reports on the character, efficiency, and productivity of office employees, special laborers, and mechanics. Unarranged.

RECORDS RELATING TO MATERIALS FOR THE CONSTRUCTION OF BUILDINGS. 1900-1901. 1 vol. 3 in. 1114

Relate mainly to materials used in erecting the Construction and Repair Building at the Washington Navy Yard, and the Torpedo Storehouse at the Norfolk Navy Yard. The records consist of reports of materials shipped by manufacturers to the inspector of machinery at the Columbian Iron Works for examination and reshipment, together with related correspondence on tests and specifications, and blueprints. Arranged by name or type of building and thereunder in roughly chronological order.

RECORDS RELATING TO MATERIALS FOR BUILDINGS AT THE WASHINGTON NAVY YARD AND FOR THE 120-TON FLOATING DERRICK AT THE NORFOLK NAVY YARD.

1901-3. 1 vol. 2 in. 1115

Letters received by the inspector of machinery and copies of letters sent, together with reports of materials shipped, shipping receipts, copies of specifications, and reports on the chemical analysis and testing of various metal products. Arranged chronologically.

NAVY YARD ORDERS AND CIRCULAR LETTERS. 1901-4. 1/4 in. 1116

Printed copies of navy yard orders and circular letters of the Navy Department relating mainly to personnel qualifications, employment, pay, leave, and working conditions. Unarranged.

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JM - 83

NOTES ON MARINE ENGINEERING. n.d. 1 vol. 1/4 in. 111

This volume contains blueprints and diagrams of machinery and accessories, rough drawings, and notes on engineering problems. Unarranged. 111

LETTERS SENT TO THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE FOOTE. 1895-98. 1 vol. 2 in. 111

Press copies of letters sent. Arranged chronologically. There is an index, arranged alphabetically by initial letter of subject, showing subject and page number. 111

LETTERS SENT TO THE CONTRACTORS BY THE INSPECTOR OF MACHINERY RELATING TO THE FOOTE. 1895-98. 1 vol. 2 in. 111

Press copies of letters sent. Arranged chronologically. There is an index, arranged alphabetically by initial letter of subject, showing subject and page number. 111

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY FROM THE BUREAU RELATING TO THE FOOTE. 1895-97. 1 vol. 3 in. 111

Arranged numerically by file number. There is an index, arranged alphabetically by initial letter of subject, showing subject and file number. 111

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE FOOTE. 1895-97. 1 vol. 3 in. 111

Copies of letters from the contractors to the Chief of the Bureau, which were transmitted to the inspector of machinery. Arranged numerically by file number, with an index showing subject and file number. 111

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY RELATING TO THE GENERAL HUNT. 1899-1900. 1 in. 112

Letters received and copies of letters sent relating to the construction of the vessel. The despatch boat General Hunt was built by the R. M. Spedden Shipbuilding Co., Baltimore, Md., and the inspector of machinery at the Columbian Iron Works superintended the construction and installation of the vessel's machinery. Unarranged. 112

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY RELATING TO THE McKEE. 1896-98. 2 vols. 6 in. 112

Letters received and copies of letters sent. Arranged numerically by file number, with an index showing subject of letter and file number. 112

REPORTS OF LABOR AND MATERIALS RELATING TO THE MACHINERY OF THE McKEE. 1897-98. 1/4 in. 112

Monthly reports showing kind and quantity of materials received, and monthly reports of employees showing types of laborers hired and amounts of time expended. Arranged by type of report and thereunder chronologically. These reports are referred to in the first part of the volume containing the register of letters received from the Bureau of Steam Engineering and the Bureau of Ordnance (see entry 1102). 112

LETTERS SENT TO THE BUREAU BY THE INSPECTOR OF MACHINERY REGARDING THE PLUNGER. July 1895-June 1899. 1 vol. 1 in. 1125

Press copies of letters sent. Arranged chronologically, with an index in the volume.

LETTERS SENT TO THE CONTRACTORS BY THE INSPECTOR OF MACHINERY REGARDING THE PLUNGER. Aug. 1895-Dec. 1898. 1 vol. 1 in. 1126

Press copies of letters sent regarding drawings, blueprints, specifications, and inspections of materials for machinery. Arranged chronologically.

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY FROM THE BUREAU RELATING TO THE PLUNGER. 1895-1900. 1 vol. 1 in. 1127

Arranged numerically by file number, with an index showing subject and file number.

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE PLUNGER. 1895-1900. 1 vol. 1 in. 1128

Copies of letters from the contractors to the Chief of the Bureau which were transmitted to the inspector of machinery. Arranged numerically by file number, with an index showing subject and file number.

REPORTS REGARDING THE PLUNGER. Sept. 1895-Mar. 1900. 2 in. 1129

Monthly reports of the inspector of machinery relating to machinery on the submarine torpedo boat Plunger. They show progress of work during the month and general conditions at the time the report was submitted. Arranged chronologically.

PAPERS RELATING TO MONTHLY REPORTS REGARDING THE PLUNGER. May 1896-May 1899. 1 in. 1130

Relate to the reports described in entry 1129. These papers consist of lists of the cost of materials for machinery, bills for materials, and statements of the classes of labor employed showing number employed in each class, number of hours worked by each class, and amount paid to each class. Arranged chronologically.

APPLICATIONS FOR PAYMENTS ON MACHINERY OF THE PLUNGER. 1896-98. 1 in. 1131

Applications of the contractor (the John P. Holland Torpedo Boat Co. of Baltimore, Md.) for installment payments on the contract for machinery, with the following attached papers: reports of the inspector of machinery, Columbian Iron Works and Dry Dock Co., Baltimore, Md., on the condition of work on the machinery and on weights and costs of labor and material, and a joint statement of the inspector of machinery and the superintending constructor at the Columbian Iron Works and Dry Dock Co. that the work had progressed sufficiently to justify payment. Arranged chronologically.

MISCELLANEOUS RECORDS OF THE INSPECTOR OF MACHINERY RELATING TO THE PLUNGER. 1895-1900. 1/4 in. 1132

A contract and specifications for the construction of the vessel, instructions from the Bureau of Steam Engineering to the inspector of machinery, and a report of weights placed on board and of scrap removed. Unarranged.

LETTERS SENT TO THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE RODGERS. 1895-98. 1 vol. 2 in. 1137

Press copies of letters sent. Arranged chronologically. An index, arranged alphabetically by initial letter of subject, shows subject and page number.

LETTERS SENT TO THE CONTRACTORS BY THE INSPECTOR OF MACHINERY RELATING TO THE RODGERS. 1895-98. 1 vol. 2 in. 1137

Press copies of letters sent. Arranged chronologically. An index, arranged alphabetically by initial letter of subject, shows subject and page number.

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY FROM THE BUREAU RELATING TO THE RODGERS. 1895-98. 1 vol. 3 in. 1137

Arranged numerically by file number, with an index showing subject and file number.

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE RODGERS. 1895-98. 1 vol. 2 in. 1137

Copies of letters from the contractors to the Chief of the Bureau, which were transmitted to the inspector of machinery. Arranged chronologically.

RECORDS RELATING TO THE TINGEY. 1898-1903. 7 vols. 2 ft. 1137

Correspondence, reports, and memoranda relating to contracts, instructions from the Bureau, boards on changes and appraisement, and types of machinery and machinery parts and accessories. The records relating to various subjects were given individual file numbers (as Pistons: 2; Trips: 10; Boards: 10; Condensers: 11) and further subdivided alphabetically, if necessary (Water Piping for Engine Room: 26B; Piping for Water Service: 26N). The records are arranged numerically according to this scheme, thereunder alphabetically by file letter of subdivision, and thereunder chronologically, with an outline of the pertinent classification scheme at the beginning of each volume.

RECORDS RELATING TO INSPECTION OF MATERIALS FOR THE TINGEY. 1898-1903. 4 vols. 1 ft. 1137

Letters received from the Bureau of Steam Engineering, contractors, and manufacturers, and copies of letters sent by the inspector of machinery relating to inspections of machinery and machinery parts and accessory equipment to be used in the construction of the Tingey, together with reports of materials shipped, invoices, and blueprints. The various types of parts and accessories were given alphabetical-numerical designations and the records are arranged alphabetically by these file symbols. A key to this classification scheme, listing the parts and accessories and giving the assigned file letter, precedes the records.

REPORTS OF LABOR AND MATERIALS RELATING TO THE MACHINERY OF THE TINGEY. 1898-1903. 1 vol. 1/2 in. 1137

Monthly reports of employees showing types of laborers hired and amounts of time expended; monthly reports showing kind and quantity of materials received for use on board the vessel; and reports of materials

rejected giving date of rejection, name of contractor, description of material, reasons for rejection, and cause assigned. Arranged by type of report and thereunder chronologically.

REPORTS OF MATERIAL REJECTED IN THE CONSTRUCTION OF THE TINGEY. 1899-1902. 1 in. 111.0

Reports of the inspector of machinery giving date, name of manufacturer, description of material, treatment and tests applied, reasons for rejection, causes assigned, and remarks. Unarranged.

REPORTS OF THE INSPECTOR OF MACHINERY ON PROGRESS OF WORK ON THE MACHINERY OF THE TINGEY. 1899-1903. 1 vol. 3 in. 111.1

Copies of monthly reports listing quantity of machinery parts and accessories received and machined for use in construction of the vessel. Arranged chronologically.

RECORDS RELATING TO THE PAYMENT OF CONTRACTORS FOR WORK ON THE MACHINERY OF THE TINGEY. 1899-1903. 3 in. 111.2

Copies of bills and applications forwarded to the Bureau of Steam Engineering by the inspector of machinery requesting payments in accordance with contract agreements for work performed in the construction of the vessel, together with special reports of work completed, and related papers. Arranged chronologically.

CONTRACTORS' LABOR AND MATERIAL REPORTS ON CONSTRUCTION OF THE TINGEY. 1899-1904. 1 vol. 3 in. 111.3

Monthly statements and reports from contractors showing number and type of workmen employed, hours worked, and wages paid; and the kind, quantity, and cost of materials received and used in the construction and installation of machinery on board the vessel. Arranged chronologically.

RECORDS OF THE BOARD OF APPRAISAL TO EXAMINE CONSTRUCTION OF THE TINGEY. 1901. 1 in. 111.4

On April 3, 1901, the Secretary of the Navy ordered a board, consisting of five members and presided over by the inspector of machinery at the Columbian Iron Works, to make a complete appraisal of all work done or begun on the Tingey and to assess the market value of all materials and property related thereto. These records consist of reports and appraisals of work done on the Tingey, estimates on work not completed or furnished, and a record of proceedings of the board. Unarranged.

DESCRIPTION OF THE MACHINERY OF THE TINGEY. 1903. Less than 1/4 in. 111.5

A copy of a report submitted to the Bureau by the inspector of machinery describing in detail the engines, boilers, and auxiliary machinery of the Tingey. Arranged by type of machinery.

BLEUPRINTS OF THE MACHINERY OF THE TINGEY. 1903. 1/2 in. 111.6

Blueprints of various parts and accessories of the vessel's machinery. Unarranged.

LISTS OF DRAWINGS OF MACHINERY FOR THE TINGEY. n.d. 2 vols. 1/2 in. 1147

Lists of drawings of machinery and machinery accessories. One volume is entitled "Proposed Drawings." Arranged alphabetically by initial letter of name of part or accessory. File numbers are shown, but no series of drawings or blueprints bearing these file numbers has been found.

MISCELLANEOUS RECORDS RELATING TO THE TINGEY. ca. 1901. 1 in. 1148

Include inventories of engineering and ordnance material on board the vessel, estimates of funds expended for labor and machinery, lists of materials on hand for use in construction, and lists of construction and repair material placed on board the Tingey. Unarranged.

LETTERS SENT TO THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE WINSLOW. 1895-98. 1 vol. 2 in. 1149

Press copies of letters sent. Arranged chronologically. An index, arranged alphabetically by initial letter of subject, shows subject and page number.

LETTERS SENT TO THE CONTRACTORS BY THE INSPECTOR OF MACHINERY RELATING TO THE WINSLOW. 1895-98. 1 vol. 2 in. 1150

Press copies of letters sent. Arranged chronologically.

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY FROM THE BUREAU RELATING TO THE WINSLOW. 1895-98. 1 vol. 3 in. 1151

Arranged numerically by file number, with an index showing subject and file number.

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE WINSLOW. 1895-98. 1 vol. 2 in. 1152

Copies of letters from the contractors to the Chief of the Bureau, which were transmitted to the inspector of machinery. Arranged chronologically.

REPORTS OF THE INSPECTOR OF MACHINERY ON THE PLUNGER AND THE TINGEY. 1899-1904. 1 vol. 3 in. 1153

Copies of annual, special, and monthly reports relating to the construction and installation of machinery on these vessels and to the labor and materials expended. Arranged chronologically.

PAYMENT DATA BOOK FOR THE TRUKTUN, THE WHIPPLE, AND THE WORDEN. 1899-1902. 1 vol. 1/2 in. 1154

This volume contains reports on payments made to contractors in accordance with contract agreements. It shows amounts of money expended for labor and materials; kind, quantity, and cost of materials received; data on contract reservations; payments made; and related information. Arranged by type of report and thereunder by name of vessel.

Records Relating to the William Cramp and Sons Shipbuilding Co.
Philadelphia, Pa.

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY RELATING TO THE WYOMING.

1912. 4 in.

1155

Requests from the Bureau of Steam Engineering to the inspector of machinery at Philadelphia, Pa., who was also senior member of the board to determine the cost of changes in the machinery of vessels being built at the William Cramp and Sons Shipbuilding Co., for information regarding the cost of changes on the Wyoming and copies of replies stating cost of changes. Incoming correspondence and replies thereto are filed together; the correspondence is otherwise unarranged.

Records Relating to the Crescent Shipyard, Elizabethport, N. J.

LETTERS SENT BY THE INSPECTOR OF MACHINERY RELATING TO THE FLORIDA.

1898-1903. 1 vol. 3 in.

1156

Press copies of letters sent. Arranged chronologically. There is an index, arranged alphabetically by initial letter of subject, showing subject and page number.

LETTERS RECEIVED FROM THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE FLORIDA. 1898-1903. 6 in.

1157

Arranged numerically by file number.

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE FLORIDA. 1900-1903. 9 in.

1158

Letters received by the inspector of machinery and copies of letters from contractors to the Chief of the Bureau, which were transmitted to the inspector of machinery. Arranged numerically by file number.

SPECIAL FILE OF LETTERS FROM THE CONTRACTORS RELATING TO THE FLORIDA.

1900. 1 vol. 1/2 in.

1159

These letters were withdrawn from the letters received (described in entry 1158) and assigned new file numbers. Arranged numerically by file number. There is an index, arranged alphabetically by initial letter of subject, showing subject and file number.

Records Relating to the Delaware River Iron Shipbuilding Co.
Chester, Pa.

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY RELATING TO THE PURITAN.

1882-85. 3 in.

1160

Letters received and copies of letters sent relating to the installation and repair of machinery on board this vessel. Unarranged.

Records Relating to the Gas Engine and Power Co. and to
Charles L. Seabury and Co., Consolidated, Morris Heights, N. Y.

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY. July 1903-May 1904;

Nov. 1905-Feb. 1906. 1 vol. 1 in.

1161

The correspondence dating from July 1903 to May 1904 consists chiefly

of press copies of letters received by the inspector of machinery from the Bureau, with a few press copies of letters received from other naval engineering inspectors relating to meetings of boards of changes and a few press copies of endorsements sent by the inspector of machinery. This correspondence concerns the Paducah and the Dubuque as well as general matters relating to the construction of vessels. The correspondence dating from November 1905 to February 1906 consists of press copies of letters received and sent by the inspector of machinery relating to personnel, payments, accounts, trials of the Paducah and the Dubuque, and the closing of the office of the inspector of machinery at the Gas Engine and Power Co. Arranged chronologically. There is a subject index, arranged alphabetically by initial letter of subject, showing subject and page number.

LETTERS RECEIVED FROM THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE BAILEY. 1897-1901. 1 vol. and unbound papers. 5 in. 1163

This volume covers the period 1897-99. The earlier letters in it are arranged numerically; the other correspondence in the volume and the loose material covering the period 1900-1901 are arranged chronologically. There is an index in the volume, arranged alphabetically by initial letter of subject, showing subject and file number.

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY WITH THE CONTRACTORS RELATING TO THE BAILEY. 1897-1901. 1 vol. and unbound papers. 5 in. 1163

Letters received from the contractors, copies of replies sent by the inspector of machinery, and copies of letters from the contractors to the Chief of the Bureau, which were transmitted to the inspector of machinery. The volume covers the period 1897-1900. The earlier letters in it are arranged numerically, and the other correspondence in the volume and the loose material covering the period 1900-1901 are arranged chronologically. There is an index in the volume, arranged alphabetically by initial letter of subject, showing subject and file number.

RECORDS OF THE INSPECTOR OF MACHINERY RELATING TO PROGRESS OF WORK ON THE DUBUQUE. 1903-5. 1 in. 1163

Copies of monthly reports and related correspondence showing condition of work on machinery of vessel, number of men employed, and amount of materials received. Arranged chronologically.

RECORDS OF THE INSPECTOR OF MACHINERY RELATING TO PROGRESS OF WORK ON THE PADUCAH. 1903-5. 1 in. 1163

Copies of monthly reports and related correspondence showing condition of work on machinery of vessel, number of men employed, and amount of materials received. Arranged chronologically.

LETTERS SENT BY THE INSPECTOR OF MACHINERY RELATING TO THE PADUCAH AND THE DUBUQUE. June 1903-Jan. 1906. 3 vols. 3 in. 1163

Press copies of letters to the Bureau, officials of the Gas Engine and Power Co., the commandant of the New York Navy Yard, and a few others. Some of the letters are in the form of endorsements. Arranged chronologically.

RECORDS OF BOARDS OF CHANGES RELATING TO THE PADUCAH AND THE DUBUQUE.

1903-5. 2 in.

1167

Include copies of reports of boards that were appointed to appraise the amount of increase or decrease in cost resulting from changes in the installation of machinery and of machinery parts and accessories on board the vessels, and related correspondence of the inspector of machinery with the Bureau and the contractors. Arranged chronologically.

RECORDS OF THE INSPECTOR OF MACHINERY RELATING TO THE BOILERS OF THE PADUCAH AND THE DUBUQUE. 1903-5. 1 in.

1168

Include copies of monthly reports on boilers showing condition of work, correspondence on weight of parts and cost of materials, and reports on labor expended on boilers of the vessels. Arranged in roughly chronological order.

LETTERS SENT BY THE INSPECTOR OF MACHINERY RELATING TO THE STEWART.

1898-1902. 2 vols., 2 in.

1169

Press copies of letters sent. Arranged chronologically.

LETTERS RECEIVED FROM THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE STEWART. 1898-1903. 3 in.

1170

Arranged chronologically.

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE STEWART. 1899-1903.

4 in.

1171

Letters received by the inspector of machinery and copies of letters from the contractors to the Chief of the Bureau, the Secretary of the Navy, and others, which were transmitted to the inspector of machinery. Arranged chronologically.

LETTERS SENT BY THE INSPECTOR OF MACHINERY RELATING TO THE WILKES (TORPEDO BOAT NO. 35). Dec. 1898-Nov. 1902. 2 vols. 2 in.

1172

Press copies of letters sent to the Bureau. Arranged chronologically.

LETTERS RECEIVED FROM THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE WILKES. 1898-1902. 2 in.

1173

Arranged chronologically.

LETTERS RECEIVED FROM THE CONTRACTORS RELATING TO THE WILKES. 1897-1902.

3 in.

1174

Letters received by the inspector of machinery and copies of letters from the contractors to the Chief of the Bureau, which were transmitted to the inspector of machinery. Arranged chronologically.

Records Relating to the George Lawley and Son Corp.
South Boston, Mass.

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY. 1898-1902. 1 vol. 2 in.

1175

Letters received from the Bureau, the contractors, and other correspondents, and copies of letters sent relating to matters of general administration not applicable to a particular vessel. Arranged in roughly chronological order.

REPORTS ON CLERICAL WORK. 1900-1902. 2 vols. 3 in. 117

Daily reports detailing the work performed by clerks in the office of the inspector of machinery. Arranged chronologically. 117

LETTERS SENT TO THE BUREAU BY THE INSPECTOR OF MACHINERY RELATING TO THE BLAKELY AND THE DeLONG. 1898-1900. 1 vol. 2 in. 117

Press copies of letters sent. Arranged chronologically. An index, arranged alphabetically by initial letter of subject, shows subject and page number. 117

MISCELLANEOUS LETTERS SENT BY THE INSPECTOR OF MACHINERY RELATING TO THE BLAKELY AND THE DeLONG. 1898-1904. 2 vols. 5 in. 117

These volumes contain press copies of letters addressed mainly to the Bureau of the Navy Department (other than the Bureau of Steam Engineering), the contractors, naval personnel at navy yards and private construction companies, and other correspondents; and copies of monthly reports on the progress of work on machinery, addressed to the Chief of the Bureau of Steam Engineering. Arranged chronologically. An index at the front of each volume, arranged alphabetically by initial letter of subject, shows subject and page number. 117

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY RELATING TO THE BLAKELY AND THE DeLONG. 1898-1903. 3 vols. 8 in. 117

Letters received from the Bureau. Arranged chronologically. 117

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY RELATING TO ORDERS FOR MATERIAL FOR THE BLAKELY AND THE DeLONG. 1898-1902. 2 vols. 3 in. 117

Letters and copies of letters from contractors advising the inspector of machinery that the materials listed had been ordered from various manufacturers. Arranged chronologically. 117

LETTERS RECEIVED BY THE INSPECTOR OF MACHINERY RELATING TO MATERIALS FOR THE BLAKELY AND THE DeLONG. 1900-1903. 1 vol. 2 in. 117

Letters received from the contractors advising the inspector of machinery that the materials listed had been received from various manufacturers. Arranged chronologically. 117

LETTERS RECEIVED BY THE SUPERINTENDING ENGINEER RELATING TO THE BLAKELY AND THE DeLONG. 1898-1901. 3 vols. 8 in. 117

Copies of letters received from the contractors. Arranged chronologically. 117

RECORDS OF BOARDS OF CHANGES RELATING TO THE BLAKELY AND THE DeLONG. 1899-1902. 1 vol. 2 in. 117

Copies of reports of boards appointed to ascertain the increased or decreased cost resulting from changes in the installation of machinery and machinery parts and accessories on board the vessels, and related correspondence of the inspector of machinery with the Bureau and the contractors. Arranged chronologically. 117

REPORTS OF MATERIALS SHIPPED IN THE CONSTRUCTION OF THE BLAKELY AND THE DeLONG. 1899-1903. 1 vol. 1 in. 1184

Reports and copies of reports received by the inspector of machinery showing kind and quantity of material shipped, a brief description of items, name of manufacturer, and name of inspector approving material. Arranged chronologically.

RECORDS RELATING TO TESTS ON THE MACHINERY OF THE BLAKELY AND THE DeLONG. 1900-1902. 1 vol. 1/2 in. 1185

Reports of tests conducted on the machinery and on the machinery parts and accessories of the vessels, together with related tables, diagrams, and drawings. Arranged chronologically.

DRAFTSMEN'S REPORTS RELATING TO THE BLAKELY AND THE DeLONG. 1900-1902. 2 vols. 4 in. 1186

Daily reports of draftsmen to the inspector of machinery detailing work done by them and the general progress of work on board the vessels. Arranged chronologically.

Records Relating to the Maryland Steel Co., Sparrows Point, Md.

REPORTS ON LABOR AND MATERIAL EXPENDED ON THE MACHINERY OF THE TRUXTON, THE WHIPPLE, AND THE WORDEN (DESTROYERS NOS. 14, 15, AND 16, RESPECTIVELY). June 1899-Oct. 1902. 2 ft. 1187

Weekly reports from the Marine Department of the company to the inspector of machinery showing class of labor, total number of hours worked by each class, and total amount paid to each class. Included are weekly invoices of material showing kind of material; number, size, and description of individual pieces; from whom received; weight; price per unit; and total cost. Arranged by name of vessel and thereunder chronologically by month.

RECORDS RELATING TO THE ULYSSES AND THE ACHILLES. 1912-15. 9 in. 1188

These vessels, referred to as the Panama Colliers, were contracted for by the Isthmian Canal Commission for construction under the supervision of the Navy Department. The records consist of applications by the contractor for payments on installments as the work progressed--with notarized statements concerning the financial condition of the company, form requests to the Secretary of the Navy for payment, certifications by the inspector of machinery and superintending constructor that the work had progressed sufficiently to justify payment, reports on the condition of the work by the inspector of machinery, and memorandum copies of bills of payment; Navy Department circulars containing general information for inspectors and instructional memoranda from the Chief of the Bureau of Steam Engineering; correspondence regarding drawings, electrical apparatus, and progress of work; orders for material; and miscellaneous items, including a copy of the contract for the vessels. Arranged in folders labeled "Payments," "General Correspondence," "Orders for Material," "Correspondence Regarding Drawings," etc., the folders being in no particular order.

RECORDS RELATING TO THE ORION AND THE JASON (FLEET COLLIER). 1912-13. 1191
3 in.

Records of payments to the contractor on installments, similar to those described in entry 1188; correspondence regarding drawings, plans, specifications, and authorized changes in design; allowance lists of navigational instruments for the Jason; and reports of trials of the Orion. Arranged by subject.

Records Relating to the Moran Brothers Co., Seattle, Wash.

LETTERS SENT BY THE INSPECTOR OF MACHINERY RELATING TO THE ROWAN (TORPEDO BOAT NO. 8). Jan. 1896-Jan. 1899. 3 vols. 3 in. 1192

Press copies of letters sent to the Bureau of Steam Engineering, the commandants of the Mare Island, Calif., Navy Yard and the Puget Sound Naval Station, Seattle, Wash., and the trial board for the Rowan. Arranged chronologically. Many of the earlier letters are illegible.

LETTERS AND TELEGRAMS RECEIVED BY THE INSPECTOR OF MACHINERY RELATING TO THE ROWAN. Dec. 1895-Feb. 1899. 2 vols. 2 in. 1193

Letters and telegrams received from the Bureau. Arranged chronologically.

Records Relating to the Park Brothers Co., Pittsburgh, Pa.

REPORTS OF STEEL TESTS BY THE INSPECTOR OF MATERIAL. Oct. 1883-Nov. 1884. 1 vol. 1 in. 1194

Weekly reports of tensile tests showing material tested, heat number, dimensions of piece tested, amount of first stress, amount of elongation under first stress, ultimate stress and final elongation, whether material passed or failed, length between marks before and after fracture, actual elongation and actual breaking stress, and final dimensions; and weekly reports of quenching tests showing material tested, heat number, dimensions of piece tested, whether material passed or failed, ordered and actual weight, and percent of defect or excess of weight. Arranged by type of test and thereunder chronologically. There are also a few pages of reports of rivet tests made in 1883 at the Jones and Laughlin Co., Pittsburgh, Pa., showing material tested, marks, and data regarding diameters of rivet holes and stresses.

Records Relating to the William R. Trigg Co., Richmond, Va.

APPLICATIONS FOR PAYMENT. 1898-1901. 3 in. 1195

Copies of letters of application for installment payments from the contractor for the torpedo boat destroyers Dale, Decatur, Shubrick, Stockton, and Thornton, with the following attached papers: a statement from the contractor giving in detail the cost of labor and materials for machinery of the vessels; the contractor's report on condition of work; the inspector of machinery's report concerning weights and costs of material and labor; and a joint statement by the inspector of machinery and the superintending constructor that the work had progressed sufficiently to justify payment. Arranged by name of vessel and thereunder by number of installment payment applied for.

REPORTS OF MATERIALS SHIPPED IN THE CONSTRUCTION OF THE BLAKELY AND THE DeLONG. 1899-1903. 1 vol. 1 in. 1184

Reports and copies of reports received by the inspector of machinery showing kind and quantity of material shipped, a brief description of items, name of manufacturer, and name of inspector approving material. Arranged chronologically.

RECORDS RELATING TO TESTS ON THE MACHINERY OF THE BLAKELY AND THE DeLONG. 1900-1902. 1 vol. 1/2 in. 1185

Reports of tests conducted on the machinery and on the machinery parts and accessories of the vessels, together with related tables, diagrams, and drawings. Arranged chronologically.

DRAFTSMEN'S REPORTS RELATING TO THE BLAKELY AND THE DeLONG. 1900-1902. 2 vols. 4 in. 1186

Daily reports of draftsmen to the inspector of machinery detailing work done by them and the general progress of work on board the vessels. Arranged chronologically.

Records Relating to the Maryland Steel Co., Sparrows Point, Md.

REPORTS ON LABOR AND MATERIAL EXPENDED ON THE MACHINERY OF THE TRUXTUN, THE WHIPPLE, AND THE WORDEN (DESTROYERS NOS. 14, 15, AND 16, RESPECTIVELY). June 1899-Oct. 1902. 2 ft. 1187

Weekly reports from the Marine Department of the company to the inspector of machinery showing class of labor, total number of hours worked by each class, and total amount paid to each class. Included are weekly invoices of material showing kind of material; number, size, and description of individual pieces; from whom received; weight; price per unit; and total cost. Arranged by name of vessel and thereunder chronologically by month.

RECORDS RELATING TO THE ULYSSES AND THE ACHILLES. 1912-15. 9 in. 1188

These vessels, referred to as the Panama Colliers, were contracted for by the Isthmian Canal Commission for construction under the supervision of the Navy Department. The records consist of applications by the contractor for payments on installments as the work progressed--with notarized statements concerning the financial condition of the company, form requests to the Secretary of the Navy for payment, certifications by the inspector of machinery and superintending constructor that the work had progressed sufficiently to justify payment, reports on the condition of the work by the inspector of machinery, and memorandum copies of bills of payment; Navy Department circulars containing general information for inspectors and instructional memoranda from the Chief of the Bureau of Steam Engineering; correspondence regarding drawings, electrical apparatus, and progress of work; orders for material; and miscellaneous items, including a copy of the contract for the vessels. Arranged in folders labeled "Payments," "General Correspondence," "Orders for Material," "Correspondence Regarding Drawings," etc., the folders being in no particular order.

CORRESPONDENCE RELATING TO THE DALE. 1899-1901. 1 index vol. and unbound papers. 6 in. 1194

Correspondence of the superintending engineer and the inspector of machinery with the Chief of the Bureau of Steam Engineering, a few other officials of the Navy Department, officials of the William R. Trigg Co., and the superintending constructor on duty at the company. A few items relate to both the Dale and the Decatur. Letters and the replies thereto are filed together. Arranged numerically by file number. The index volume, arranged alphabetically by initial letter of subject, shows subject and file number of correspondence. It also shows for most of the entries the file number of pertinent correspondence of the Bureau of Steam Engineering.

CORRESPONDENCE RELATING TO THE DECATUR. 1899-1902. 1 index vol. and unbound papers. 6 in. 1195

Correspondence of the superintending engineer and the inspector of machinery with the Chief of the Bureau of Steam Engineering, a few other officials of the Navy Department, officials of the William R. Trigg Co., and the superintending constructor on duty at the company. A few items relate to both the Decatur and the Dale. Letters and the replies thereto are filed together. Arranged numerically by file number. The index volume, arranged alphabetically by initial letter of subject, shows subject and file number of correspondence. It also shows for most of the entries the file number of pertinent correspondence of the Bureau of Steam Engineering.

CORRESPONDENCE RELATING TO THE STUBBICK. 1898-1902. 1 index vol. and unbound papers. 6 in. 1196

Correspondence of the superintending engineer and the inspector of machinery with the Chief of the Bureau of Steam Engineering, a few other officials of the Navy Department, officials of the William R. Trigg Co., and the superintending constructor on duty at the company. Letters and the replies thereto are filed together. Arranged numerically by file number. The index volume, arranged alphabetically by initial letter of subject, shows subject and file number of correspondence. It also shows for most of the entries the file number of pertinent correspondence of the Bureau of Steam Engineering.

CORRESPONDENCE RELATING TO THE STOCKTON. 1893-1901. 1 index vol. and unbound papers. 6 in. 1197

Correspondence of the superintending engineer and the inspector of machinery with the Chief of the Bureau of Steam Engineering, a few other officials of the Navy Department, officials of the William R. Trigg Co., and the superintending constructor on duty at the company. Letters and the replies thereto are filed together. Arranged numerically by file number. The index volume, arranged alphabetically by initial letter of subject, shows subject and file number of correspondence. It also shows for most of the entries the file number of pertinent correspondence of the Bureau of Steam Engineering.

CORRESPONDENCE RELATING TO THE THORNTON. 1899-1902. 1 index vol. and unbound papers. 6 in. 1198

Correspondence of the superintending engineer and the inspector of

machinery with the Chief of the Bureau of Steam Engineering, a few other officials of the Navy Department, officials of the William R. Trigg Co., and the superintending constructor on duty at the company. Letters and the replies thereto are filed together. Arranged numerically by file number. The index volume, arranged alphabetically by initial letter of subject, shows subject and file number of correspondence. It also shows most of the entries the file number of pertinent correspondence of the Bureau of Steam Engineering.

CORRESPONDENCE OF THE INSPECTOR OF MACHINERY RELATING TO THE PLUNGER.

1900-1901. 1/4 in.

Letters received from the Navy Department and copies of letters sent regarding the removal of the Plunger from the Columbian Iron Works and Dry Dock Co., Baltimore, Md., to the William R. Trigg Co., Richmond, Va., the forwarding of records relating to the Plunger from the former to the latter company, and changes to be made in the machinery of the Plunger. Unarranged.

Records Relating to the Union Iron Works, San Francisco, Calif.

RECORDS OF THE INSPECTOR OF MACHINERY RELATING TO PROGRESS OF WORK ON THE PAUL JONES. 1901-2. 1/2 in.

Copies of monthly reports and related correspondence showing condition of work on machinery of the vessel, number of men employed, and amount of materials received. Arranged chronologically.

Records of Boards on Changes

CORRESPONDENCE OF BOARDS ON CHANGES. 1905-17. 3 in.

Letters and memoranda received and copies of communications sent by boards on changes at shipyards on the Atlantic coast relating to changes in machinery and accessory equipment on vessels under construction. Arranged by name of shipyard and thereunder chronologically.

ORDERS APPOINTING MEMBERS OF BOARDS ON CHANGES. 1905-13. 2 in.

Orders from the Secretary of the Navy to engineer officers at shipyards and navy yards on the Atlantic coast appointing them as members of boards on changes. Arranged chronologically.

RECORDS OF THE BUREAU OF EQUIPMENT

The original functions of the Bureau of Equipment and Recruiting, later the Bureau of Equipment, were to supply all vessels in commission with sails, anchors, cables, blocks, fuel, rigging and yeomen's stores not provided by other bureaus, and to recruit and estimate for the pay of all seamen, ordinary seamen, landsmen, and boys required by the naval service. In order to carry out these duties the Bureau of Equipment and Recruiting was placed in charge of all ropewalks and shops manufacturing anchors, cables, rigging, and other equipment, and inspectors of equipment were stationed at shipyards to see that required specifications were met. The Bureau had under its control all rendezvous and receiving ships, and it maintained all service records for the enlisted personnel. It was also

charged with the administration of the apprentice training system that was inaugurated in 1875.

The duties of the Bureau of Equipment and Recruiting did not change materially until 1889. On June 25 of that year the Secretary of the Navy transferred the personnel activities of the Bureau to the Bureau of Navigation, effective July 1, 1889. In return, the Bureau received from the Bureau of Navigation the direction of the Office of the Inspector of Electrical Appliances, the Office of the Superintendent of Compasses, the Nautical Almanac Office, the Hydrographic Office, and the Naval Observatory. In March 1891 the name of the Bureau was changed to the Bureau of Equipment. In 1892 the Hydrographic Office was restored to the Bureau of Navigation, but in 1893 it was again transferred to the Bureau of Equipment where it remained until 1910.

The duties of the Bureau of Equipment in the years after 1839 were as follows: to supply or to supply and manufacture rope, canvas, navigation instruments, cables, chains, anchors, rigging, and galley, bakery, and messroom equipment for naval vessels; to purchase, store, and transport water for all purposes on board naval vessels and coal or other fuel for motive power, and to be in charge of naval coal depots and coaling stations; to defray the expenses of pilotage for all ships in commission; to construct wireless stations and to install wireless apparatus on board ships and at shore stations; to inspect and store equipment in shipbuilding and navy yards; and to be in charge of ships' libraries, the Hydrographic Office, the Naval Observatory, and the Nautical Almanac and Compass Offices. Before the advent of wireless telegraphy at shore establishments and on board naval vessels a Homing Pigeon Service was also maintained by the Bureau.

The Bureau of Equipment was abolished by an act of Congress approved June 24, 1910, to be effective June 30, 1910. During the next year, by order of the Secretary of the Navy, the following distribution of the Bureau's duties was made: the Bureau of Supplies and Accounts was authorized to purchase, store, ship, and issue all supplies, including water and coal; the Bureau of Construction and Repair was authorized to manufacture anchors and cables, to supply and fit rope, cordage, and galley equipment, and, in conjunction with the Bureau of Steam Engineering, to install all voice tubes, conduits, and means of mechanical signaling on board naval vessels; the Bureau of Yards and Docks was authorized to maintain and repair all coaling plants at navy yards; the Bureau of Steam Engineering was authorized to maintain and repair all coaling plants not at navy yards, to operate mechanical coaling plants everywhere, and to design, supply, and install all means of interior and exterior electrical signal communications and all electrical appliances on board naval vessels; and the Bureau of Navigation was given charge of the Hydrographic Office, the Naval Observatory, and the Nautical Almanac and Compass Offices, and was authorized to supply navigation equipment and to defray the expense of pilotage for all vessels in commission. The Bureau of Equipment was formally abolished by an act of Congress approved June 30, 1914.

The records of the Bureau of Equipment described in this inventory are fragmentary. They consist of correspondence; records relating to naval

coaling stations and the Naval Observatory; records concerning communications, supplies and equipment, and ships' electrical appliances and weights; and a few records of inspectors of equipment at private shipyards. Records relating to the recruiting functions of the Bureau and to enlisted personnel are in Record Group 24, Records of the Bureau of Naval Personnel; and four volumes of records of the Bureau of Equipment are in Record Group 45, Naval Records Collection of the Office of Naval Records and Library. Records of the Naval Observatory, including records of the Nautical Almanac Office, comprise Record Group 78; and records of the Hydrographic Office comprise Record Group 37.

GENERAL RECORDS OF THE OFFICE OF THE CHIEF OF THE BUREAU

Correspondence

INDEX TO CORRESPONDENCE CONCERNING THE EQUIPMENT OF VESSELS. 1875-83.

2 vols. 5 in.

These volumes, entitled "Key Relative to Equipment of Vessels," are an index to letters received and sent. They contain name of writer or person addressed, a brief of contents of correspondence, and file numbers. Each volume is arranged by year and thereunder alphabetically by initial letter of name of ship. There are separate entries at the end of the volume for such units as squadrons and navy yards. The correspondence to which this index refers has not been located.

GENERAL CORRESPONDENCE. 1899-1910. 298 ft.

Letters received and copies of letters sent. Arranged numerically by file number, with a small group of unarranged material bearing similar file numbers at the end of the series. For indexes to this correspondence, see entries 1205-1208; for registers, see entry 1209.

INDEX TO LETTERS SENT. Jan. 1891-Oct. 1896; May 1899-Dec. 1906. 16 vols. 5 ft.

These volumes show date of letter, to whom sent, a brief of contents of correspondence, and file references to pertinent letters in the registers of letters received (see entry 1209) and to the general correspondence described in entry 1204. Arranged by year and thereunder alphabetically by initial letter of name or subject, with separate entries at the end of many volumes for such items as anchors, chains, and coal. From October 1896 to May 1899 a card index was maintained in place of index volumes (see entry 1207). Copies of letters (before 1899) to which some of these volumes refer are not on file.

INDEX TO LETTERS RECEIVED. Jan. 1891-Oct. 1896; May 1899-Dec. 1906.

13 vols. 5 ft.

These volumes show name of writer, a brief of contents of correspondence, and file references to letters in the general correspondence described in entry 1204. Arranged by year and thereunder alphabetically by initial letter of name or subject. There are separate entries at the end of many of the volumes for such items as anchors, chains, and coal. From October 1896 to May 1899 a card index was maintained in place of index volumes (see entry 1207). The letters (before 1899) to which some of these volumes refer are not on file.

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INDEX TO CORRESPONDENCE. Oct. 1896-May 1899. 77 ft. 1207

Cards showing name of writer or person addressed, a brief of contents of correspondence, and file numbers. Arranged alphabetically by name or subject in two series, one series for incoming correspondence and the other for outgoing correspondence. For the correspondence to which these cards refer, see entry 1204.

INDEX TO CORRESPONDENCE. Jan. 1907-July 1910. 32 ft. 1208

Cards showing name of writer or person addressed, a brief of contents of correspondence, and file numbers. Arranged alphabetically by name or subject. For the correspondence to which this index refers, see entry 1204.

REGISTERS OF LETTERS RECEIVED. Jan. 1891-Oct. 1896; May 1899-Dec. 1906. 15 vols. 4 ft. 1209

These volumes show name and address of writer, a brief of contents of correspondence, file numbers, and action taken. Arranged by year and thereunder by file number. For the letters to which these registers refer, see entry 1204.

Records Relating to Coaling Stations and Coaling Equipment

RECORDS RELATING TO THE NAVAL COALING STATION AT HONOLULU, HAWAII.

1895-99. 2 ft. 1210

Correspondence and telegrams exchanged between the Bureau of Equipment and vessels of the fleet, American consulate officials at Honolulu, private coal dealers, and other correspondents. These records concern the procurement, storage, and dispersal of coal by the naval coaling station; receipts for coal issued to vessels, and bills for repairs to buildings at the station and for operation expenses incurred; returns of coal on hand; and reports on the operations of the coaling station. Arranged in roughly chronological order.

RECORDS RELATING TO THE NAVAL COALING STATION AT PICHILINGUS HARBOR, LA PAZ, MEXICO. 1885-1907. 3 ft. 1211

Correspondence and telegrams exchanged between the Bureau of Equipment and vessels of the fleet, American consulate officials at La Paz, and other correspondents concerning the construction and operation of the naval coaling station; estimates and bills for repairs to buildings and for operation expenses incurred; requisitions for stores and equipment; photographs, diagrams, and blueprints of the station; and accounts of coal issued to vessels. Arranged in roughly chronological order.

RECORDS RELATING TO THE NAVAL COALING STATION AT MARRAGANSETT BAY, R. I. 1899-1901. 6 in. 1212

Correspondence exchanged between the Bureau of Equipment and naval personnel authorized to select a site for the coaling station and private parties concerned, together with diagrams, blueprints, and related material on the acquisition of land for the station; and correspondence between the Bureau and private construction companies concerning proposals for building the coaling station, with estimates of costs. Arranged in roughly chronological order.

RECORDS RELATING TO THE NAVAL COALING STATION AT SANGLEY POINT,
PHILIPPINE ISLANDS. 1899-1902. 1 ft.

Correspondence exchanged between the Bureau of Equipment and naval personnel authorized to select a site for the coaling station; correspondence between the Bureau and private construction companies; and blueprints, specifications, and estimates of cost entailed in building the coaling station. Arranged in roughly chronological order.

RECORDS RELATING TO COALING BAGS AND COALING EQUIPMENT. 1899-1910.
6 in.

Correspondence exchanged between the Bureau of Equipment and naval stations, vessels of the fleet, and private manufacturers concerning the types of coaling bags used by the Bureau and the improvements in the design of the bags; requisitions for coaling bags and coaling equipment; specifications for coaling equipment; and samples of cloth used in coaling bags. Arranged in roughly chronological order.

Records Relating to the Naval Observatory

RECORDS CONCERNING CONSTRUCTION, LAND, AND FINANCIAL MATTERS. 1887-1910. 3 ft.

Correspondence exchanged between the Bureau of Equipment and the Superintendent of the Naval Observatory and private contractors concerning construction and repair work at the Observatory, together with proposals and estimates of cost, specifications for proposed construction work and improvements, copies of contracts, and reports on construction work undertaken; authorizations for expenditures and correspondence concerning the financial condition of the Observatory; fire and damage insurance policies; and correspondence, diagrams, and blueprints concerning the acquisition of additional land. Arranged in roughly chronological order.

Records Relating to Communications

RECORDS RELATING TO HOMING PIGEONS. 1896-99. 1 ft.

Correspondence exchanged between the Bureau of Equipment and other officials of the Navy Department, private breeders and pigeon fanciers, and other interested persons concerning the characteristics, use, and supply of homing pigeons; estimates of costs for supplying pigeons and constructing pigeon facilities; requisitions for pigeons and pigeon equipment; and reports of tests and experiments conducted with homing pigeons. Arranged in roughly chronological order.

RECORDS RELATING TO WIRELESS STATIONS AND TESTS OF WIRELESS EQUIPMENT.
1904-10. 6 in.

Reports of operations at various wireless stations; directions for using various types of wireless equipment; and reports, correspondence, and related material concerning wireless telegraph tests conducted at naval stations and on board vessels of the fleet. Arranged in roughly chronological order.

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Records of Ships' Electrical Appliances and Weights

RECORD OF ELECTRICAL APPLIANCES ON VESSELS. 1893-1917. 243 vols.

36 ft. 1218

These volumes contain plans, drawings, photographs, and descriptive texts relating to ships' dynamos, generators, wiring systems, lights, and other electrically operated equipment. Arranged alphabetically by name of vessel in two overlapping series. The second series includes volumes created by the Bureau of Steam Engineering, which in 1910 inherited many of the functions of the Bureau of Equipment.

WEIGHT BOOK OF THE DENVER. n.d. 1 vol. 1 in. 1219

Shows general classes of equipment and supplies, specific items thereunder, quantities, and weights. Arranged under the headings "Equipage" and "Supplies," thereunder numerically by number of general class, and thereunder by specific item.

WEIGHT BOOKS OF THE ILLINOIS AND THE ST. LOUIS. n.d. 2 vols. 2 in. 1220

Under the headings "Equipage," "Navigator's Stores," and "Supplies" these volumes show general class of article, specific items thereunder, quantity, unit weight, and total weight. Arranged by name of vessel (one volume for each) and thereunder numerically by class number of article.

WEIGHT BOOKS. n.d. 2 vols. 1 in. 1221

Show weight, quantity, and location aboard vessels under construction at the Newport News Shipbuilding and Drydock Co., Newport News, Va., of anchors, chains, lifts, canvases, generators, electrical appliances and fixtures, motors, and similar equipment and fittings. Arranged by type of fitting or equipment.

Records Relating to Supplies and Equipment

ALLOWANCE LIST OF EQUIPMENT FOR NAVAL VESSELS. 1891. 1 vol. 1/2 in. 1222

This volume is in two parts. Part I shows articles of equipment, class of vessel, and number of each item of equipment allowed to each class of vessel. Part II gives the same information concerning articles exempt from the general storekeeper's system (these include library books and nautical instruments). Arranged, within each part, numerically by class number of article, with tables of contents. At the end of the volume is a classification of articles showing names of articles and class numbers for which the Bureau of Equipment was responsible.

RECORD OF REQUISITIONS. 1893-94. 1 vol. 1 in. 1223

This volume relates to requisitions for supplies and equipment. It shows requisition number, date, articles requisitioned and purpose for which requisitioned, estimated cost, appropriation to which charged, date of receipt, quantity received, by whom furnished, and actual cost. Arranged chronologically.

RECORD OF SUPPLIES RECEIVED FOR GUNBOAT NO. 13. 1895-97. 1 vol. 1 in. 1220

Shows date supplies were received, supplies received, and their cost. The supplies are chiefly office supplies and routine articles of equipment. Arranged alphabetically by initial letter of name of supply.

RECORD OF EXPENDITURES OF EQUIPMENT ON THE OHIO. 1904-9. 1 vol. 1 1/4 in. 1225

Monthly lists of rope, canvas, wire, tar, and miscellaneous equipment and supplies expended by the Equipment Department of the vessel showing kind and quantity of stores used. Arranged chronologically.

LEDGERS OF STORES RECEIVED AND EXPENDED ABOARD THE OHIO. 1904-9. 3 vols. 3 in. 1226

These volumes are records of the Equipment Department of the vessel. They show dates of receipt and expenditure of rope, canvas, kitchen utensils, and miscellaneous supplies and fittings, and quantity and cost of materials. Arranged by name of supply or fitting and thereunder chronologically.

RECORD OF ARTICLES RECEIVED ON THE OHIO. 1909. 1 vol. 1 1/4 in. 1227

Lists of supplies and stores received from the general storekeeper at the New York Navy Yard showing date of receipt and kind, quantity, and cost of materials. Arranged in roughly chronological order.

RECORDS OF INSPECTORS OF EQUIPMENT AT SHIPYARDS

Records of the Inspector of Equipment at Moran Brothers Co.
Seattle, Wash.

LETTERS AND ENDORSEMENTS SENT BY THE INSPECTOR OF EQUIPMENT RELATING TO THE NEBRASKA (BATTLESHIP NO. 14). June 1901-June 1907. 9 vols. 1 ft. 1228

Press copies of letters and endorsements sent. Arranged in part chronologically (numerically by file number for the period June 1901-December 1903 and thereafter by year except that endorsements retain numbers of letters to which they relate and are arranged chronologically). There is a subject index in each volume. This correspondence is duplicated in the correspondence described in entries 1229 and 1231.

LETTERS SENT BY THE INSPECTOR OF EQUIPMENT TO THE CONTRACTOR RELATING TO THE NEBRASKA. 1903-5. 3 in. 1229

Letters transmitting instructions of the Bureau to the contractor regarding specifications or changes in specifications, information concerning the installation of equipment, and comments of the inspector of equipment on work in progress or work completed. Arranged by subject.

LETTERS RECEIVED FROM THE BUREAU BY THE INSPECTOR OF EQUIPMENT RELATING TO THE NEBRASKA. May 1901-Nov. 1904. 1 vol. 2 in. 1230

Letters and a few endorsements and telegrams. Arranged chronologically, with some documents slightly out of order. There is a subject index.

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CORRESPONDENCE OF THE INSPECTOR OF EQUIPMENT RELATING TO THE NEBRASKA.
1905-7. 1 ft. 1231

Letters from and copies of letters to the contractors, and letters and endorsements from and copies of letters and endorsements to the Bureau. Enclosures, such as blueprints or copies of invoices or of letters being forwarded or returned, accompany some of this correspondence. Arranged by letters received from the contractors and letters received from the Bureau, and thereunder in general chronologically, with letters or endorsements sent by the inspector of equipment accompanying the correspondence to which they relate.

Records of the Inspector of Equipment at the
Newport News Shipbuilding and Dry Dock Co.
Newport News, Va.

LETTERS AND ENDORSEMENTS SENT TO THE BUREAU BY THE INSPECTOR OF EQUIPMENT. Apr. 1903-July 1910. 10 vols. 1 ft. 1232

Press copies of letters and endorsements sent relating to various vessels. Arranged chronologically by year and thereunder numerically by file number. Most of the correspondence for 1908 and for the first half of 1909 is very faded, and much of it is illegible.

LETTERS AND ENDORSEMENTS SENT TO THE CONTRACTOR BY THE INSPECTOR OF EQUIPMENT. Feb.-Oct. 1904; July 1906-Jan. 1910. 6 vols. 7 in. 1233

Press copies of letters and endorsements sent relating to various vessels. Arranged chronologically by year and thereunder numerically by file number. Most of the correspondence for 1908 and for the first half of 1909 is very faded or illegible. Volumes 2-4 are missing.

LETTERS AND ENDORSEMENTS SENT BY THE INSPECTOR OF EQUIPMENT. July 1903-July 1910. 7 vols. 8 in. 1234

Press copies of letters and endorsements sent to the superintending constructor at the Newport News Shipbuilding and Dry Dock Co., the commandant of the Navy Yard, Norfolk, Va., commercial firms, the president of the Board of Inspection and Survey, and other correspondents (except the Bureau of Equipment and the contractor). Arranged chronologically by year and thereunder numerically by file number. Most of the correspondence for 1908 and for the first half of 1909 is very faded or illegible.

RECORDS OF THE GENERAL SUPERINTENDENT OF IRONCLADS

By a letter of the Secretary of the Navy, dated July 10, 1861, Rear Adm. Francis H. Gregory was appointed to superintend the building and equipping of gunboats for which contracts had been made. At the same time four principal inspectors and their assistants were appointed to serve under Admiral Gregory. The areas in which the four principal inspectors served were, respectively, Massachusetts and Maine, Connecticut and New York, Philadelphia, and Wilmington and Baltimore. Soon after 23 gunboats were completed, Admiral Gregory was ordered to superintend the building of all ships and engines for the Navy, especially ironclads and

monitors, being constructed on the Atlantic seaboard under private contract. Admiral Gregory's headquarters were in New York, N. Y., and his position was usually referred to as General Superintendent of Ironclads. Since neither the Bureau of Construction and Repair nor the Bureau of Steam Engineering was in favor of building vessels of the monitor or double-turreted ironclad type, Admiral Gregory's office became a sort of independent monitor bureau, with a staff of assistants, draftsmen, and clerks almost as large as the similar force of the Navy Department in Washington. One of Admiral Gregory's chief assistants was an officer of the Engineer Corps of the Navy, known variously as the General Inspector of Ironclads and as the General Inspector of Steam Machinery for the Navy. In 1864 Commodore Cadwalader Ringgold was appointed as senior assistant to Admiral Gregory, and on Admiral Gregory's death on October 4, 1866, Commodore Ringgold became the General Superintendent. The Office of the General Superintendent of Ironclads was closed on November 1, 1866, by order of the Secretary of the Navy.

RECORDS OF THE OFFICE OF THE GENERAL SUPERINTENDENT OF IRONCLADS

CORRESPONDENCE. July 1861-Dec. 1864. 13 vols. 3 in. 1236

Copies of letters sent to Navy Department bureaus, the Secretary of the Navy, inspectors and other naval officers, and contractors; and copies of letters received from the Secretary of the Navy, naval officers, and contractors. Arranged chronologically. The dates of some of the volumes overlap, but the material in them is not duplicated. For later correspondence, see entries 1236, 1237, 1238, and 1240.

LETTERS SENT TO THE SECRETARY AND THE ASSISTANT SECRETARY OF THE NAVY.

Nov. 1862-Oct. 1866. 4 vols. 2 in. 1237

Copies of letters concerning progress of construction work, administrative matters, and the transmittal of reports. Arranged chronologically. For earlier letters to the Secretary, see entry 1235.

LETTERS SENT TO NAVY DEPARTMENT BUREAUS. Jan. 1865-Oct. 1866. 1 vol. 2 in. 1237

Copies of letters sent. Arranged chronologically, with the letters for each year numbered consecutively by bureaus (such as "No. 1, Ord."; "No. 1, Equip."; "No. 1, Const."; "No. 2, Const.").

LETTERS SENT. Jan. 1865-Oct. 1866. 1 vol. 2 in. 1238

Copies of letters sent to officers, contractors, and other correspondents relating to progress of alterations and construction of vessels, payments to contractors, inspections, and trials of completed vessels. Arranged chronologically.

LETTERS SENT BY COMMODORE CADWALADER RINGGOLD. May 1864-July 1866. 1 vol. 2 in. 1239

Copies of letters sent to the General Superintendent of Ironclads, contractors, the commandant of the New York Navy Yard, and other correspondents. Arranged chronologically.

LETTERS RECEIVED FROM NAVY DEPARTMENT BUREAUS. Jan. 1864-Sept. 1866.

3 vols. 6 in.

1240

Letters received relating to the construction of ironclads and steam machinery. Arranged chronologically.

TELEGRAMS RECEIVED. Jan. 1863-Mar. 1866. 1 vol. 1/4 in.

1241

There is only one telegram dated before December 1863. Arranged in roughly chronological order.

REGISTERS OF PAYMENTS ON CONTRACT. 1861-63. 2 vols. 1/2 in.

1242

Show date of contract, to whom and for what purpose payment was made, and amount paid. The second volume also contains a list showing name of vessel, name of contractor, place the vessel was being built, date of contract, and name of engineer. The first part of the first volume is arranged chronologically; thereafter the arrangement is by name of contractor and thereunder chronologically.

ACCOUNT BOOKS. 1861-66. 2 vols. 1/2 in.

1243

Contain accounts of expenses and pay of inspectors, accounts for office and other supplies, and lists of bills approved and paid by the paymaster. Arranged by type of material.

RECORD OF BILLS PAID. 1863-64. 1 vol. 1/4 in.

1244

This volume contains only a few entries relating to bills paid for extra work and repairs on vessels. It shows date bill was paid, to whom and for what purpose payment was made, and amount paid. Arranged according to purpose of payment and thereunder chronologically.

LIST OF VESSELS PURCHASED FOR ADMIRAL FARRAGUT'S SQUADRON. 1864. 1 vol. 1/4 in.

1245

Shows name of vessel, its dimensions, from whom it was purchased, and its cost. Included are a few miscellaneous lists of vessels. Arranged by name of vessel.

LIST OF OFFICERS REPORTING FOR DUTY. July 1863-Oct. 1866. 1 vol.

1/4 in.

1246

Shows date the officer reported, his name, and the duty to which he was assigned. Most of these officers were assigned to duty on naval vessels, the names of which are given as the duty to which assigned. Arranged chronologically.

SUBJECT INDEX. n.d. 1 vol. 1/4 in.

1247

This volume appears to be a subject index to correspondence of the General Superintendent of Ironclads or of one of his subordinates. It probably covers a period between 1862 and 1866. The correspondence to which it refers has not been found, and the volume is not further identified.

RECORDS OF THE OFFICE OF THE GENERAL INSPECTOR OF IRONCLADS

LETTERS SENT. Sept. 1862-Mar. 1867. 4 vols. 4 in.

1248

Press copies of letters sent. Most of the letters were sent to the General Superintendent of Ironclads. Some of them however, were sent to

bureaus of the Navy Department, the Secretary of the Navy, commandants of navy yards, and other correspondents, and a few of them were sent to local inspectors and engineers. After the office of the General Superintendent of Ironclads was closed on November 1, 1866, the letters are from Commodore Ringgold and relate to the settlement of contractors' claims. Arranged chronologically. There are name indexes in three of the volumes, but one of the indexes is incomplete.

REPORTS OF VESSELS AND STEAM MACHINERY. Sept. 1862-Aug. 1866. 3 vols. 3 in. 1249

Press copies of letters to the General Superintendent of Ironclads transmitting reports from local inspectors of vessels and steam machinery showing names of inspectors, names of vessels, names of contractors, place the vessels were being built, number of persons employed on each vessel, and general information concerning status of work. Arranged chronologically.

LETTERS SENT TO CONTRACTORS AND LOCAL INSPECTORS. Sept. 1862-Apr. 1863. 1 vol. 2 in. 1250

Press copies of letters and a few telegrams sent primarily to contractors and local inspectors and engineers, but including a few sent to the Assistant Secretary of the Navy, the Bureau of Construction and Repair, the General Superintendent of Ironclads, and other correspondents. Arranged chronologically, with a name index. Some of the letters are illegible. For later letters sent to contractors and local inspectors, see entries 1251 and 1252.

LETTERS SENT TO CONTRACTORS AND LOCAL INSPECTORS CONCERNING LIGHT-DRAFT MONITORS. Mar. 1863-Sept. 1866. 4 vols. 5 in. 1251

Press copies of letters and a few telegrams sent primarily to contractors and local inspectors and engineers, but including a few sent to other correspondents. Arranged chronologically, with name indexes in the first three volumes. For earlier letters sent, see entry 1250.

LETTERS SENT TO CONTRACTORS AND LOCAL INSPECTORS CONCERNING HARBOR AND RIVER MONITORS. Apr. 1863-Oct. 1866. 3 vols. 3 in. 1252

Press copies of letters and a few telegrams sent primarily to contractors and local inspectors and engineers, but including a few sent to other correspondents. Arranged chronologically. There is a name index in each volume, but the letters A to F are missing in volume 2. Volume 1 also has a subject index. For earlier letters sent, see entry 1250.

CIRCULAR LETTERS SENT TO LOCAL INSPECTORS. May 1863-Feb. 1864. 1 vol. 1/4 in. 1253

Copies of circular letters containing information pertinent to the construction of various ironclad steamers. Arranged chronologically.

CIRCULAR LETTERS SENT TO CONTRACTORS. June 1863-July 1864; Mar.-June 1865. 1 vol. and 1 index vol. 1 in. 1254

Copies of circular letters sent to contractors pertaining to the construction of ironclad steamers. Arranged chronologically. There is a name index in a separate volume.

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LETTERS RECEIVED. Sept. 1862-Oct. 1866. 2 vols. 3 in. 1255

These two volumes were kept simultaneously. One of the volumes contains letters received from the General Superintendent of Ironclads. The second volume contains copies of letters received by the General Superintendent from the Chief of the Bureau of Construction and Repair; these letters were apparently copied and sent to the inspectors for their information or with a note directing compliance with the instructions contained in them. The originals of many of the letters in the second volume are in the volumes described in entry 1240. This second volume also contains letters received from engineers and inspectors of ironclads, the Ordnance Office at the New York Navy Yard, and other correspondents. In the second volume there is a letter dated in July 1861. Both volumes are arranged chronologically.

LETTERS RECEIVED CONCERNING THE MANATUNK AND THE UNPQUA. Jan. 1865-July 1866. 1 vol. 1/4 in. 1256

Letters received from the contractors, Snowdon and Mason, Pittsburgh, Pa. Arranged chronologically.

REGISTERS RELATING TO CORRESPONDENCE FROM THE SUPERINTENDENT OF IRONCLADS. Jan. 1864-May 1867. Unbound papers. 1/2 in. 1257

These registers at one time were bound in volumes 2-19 of correspondence that probably was received by one of the inspectors of ironclads. They give date and subject of correspondence and, for the period January-July 1865, a name which is probably that of the correspondent (Admiral Gregory's name in most instances). Arranged chronologically.

ESTIMATED BILLS FOR OFFICE SUPPLIES AND PAY OF PERSONNEL. Sept. 1862-July 1866. 1 vol. 1 in. 1258

Show article, quantity purchased, and cost; or name of employee, number of days worked, rate of pay per day, and total pay for the month, with certifications as to correctness by the General Inspector of Steam Machinery and sometimes with notations of approval by the General Superintendent of Ironclads. Arranged chronologically.

RECORD OF MONITOR DRAWINGS SENT TO CONTRACTORS. 1863. 1 vol. 1/2 in. 1259

For each type of monitor (river and harbor, light-draft, and wooden) the volume contains a list of contents of each sheet of drawing, followed by name of vessel, date drawing was sent, and date it was acknowledged. Arranged by type of monitor.

REQUISITIONS FOR OFFICE SUPPLIES. Nov. 1863-May 1865. 1 vol. 1 in. 1260

Show date of requisition, article and quantity required, and a notation of requisition's approval by the General Inspector. Arranged chronologically.

THE BOOK. Dec. 1863-June 1864. 1 vol. 1/2 in. 1261

Shows name of employee, days worked during month, and total number of days worked during month. Arranged chronologically.

LISTS OF EQUIPMENT FOR LIGHT-DRAFT MONITORS. n.d. 1 vol. 1/2 in. 1262

Lists of articles of furniture, instruments for engines, and equipment for the master's, boatswain's, carpenter's, engineer's, and sailmaker's departments, showing items, quantities, and costs. Arranged under above-mentioned headings.

RECORDS OF THE COORDINATOR OF SHIPBUILDING, 1939-40 X

On September 14, 1939, the Secretary of the Navy appointed the Chief of the Bureau of Engineering, Rear Adm. Samuel M. Robinson, Coordinator of Shipbuilding for the Navy for the purpose of expediting the construction of ships. The Chief of the Bureau of Construction and Repair, Rear Adm. Alexander H. Van Keuren, was appointed Assistant Coordinator. The duties of the Coordinator were to prepare programs of ship construction, to make a continuing survey of shipbuilding facilities, to approve all changes in plans and specifications for naval vessels and the main propelling machinery therefor, and to authorize all changes in construction contracts involving an increase in cost of more than \$10,000. When the Bureau of Ships was established in June 1940 the Chief of the Bureau of Ships took over the duties of the Coordinator of Shipbuilding.

GENERAL CORRESPONDENCE. 1939-40. 1 ft. 1263

Letters and memoranda received and copies of those sent relating to the shipbuilding program. Arranged according to the Navy Filing Manual.

CARD RECORD OF CORRESPONDENCE. 1939-40. 1 in. 1264

Cards relating to the correspondence described in entry 1263 showing file number and general subject of that number, date of correspondence, from whom it was received and to whom it was addressed, and an abstract of the correspondence. Arranged according to the Navy Filing Manual.

LETTERS AND MEMORANDA SENT. Sept. 1939-Apr. 1940. 1/4 in. 1265

Copies ("Daily Greens") of letters and memoranda sent by the Coordinator and the Assistant Coordinator. They are duplicated in the correspondence described in entry 1263. Arranged chronologically.

RECORDS OF THE BUREAU OF SHIPS

The functions of the Bureau of Ships are as follows: to design, construct, and procure vessels, amphibious craft and vehicles, boats, surface targets, and service craft for the Navy, except aircraft and except those service craft for which the Bureau of Yards and Docks is responsible; to maintain and repair all ships and craft of the Navy, except aircraft and except those assigned to the Bureau of Yards and Docks and to the Military Sea Transportation Service; and to prescribe standards and procedures for the drydocking of all naval vessels. It is also responsible for research and development programs relating to the design, construction, and maintenance of ships and craft, including the collateral fields of radiological, biological, and chemical warfare defense, respiratory protective devices, diving equipment and techniques, submarine rescue equipment and methods, submarine escape training

facilities, mine and torpedo countermeasures, and electronic materials (except airborne and ordnance). In connection with its research functions the Bureau of Ships is charged with the management and control of the David W. Taylor Model Basin at Carderock, Md., the Naval Engineering Experiment Station at Annapolis, Md., and several other technical activities. Fuels and lubricants used in the main propulsion and auxiliary machinery of naval ships and craft are procured to the specifications of the Bureau of Ships, which also establishes inspection procedures to insure compliance with these specifications. When requested by operational commanders or when directed by the Chief of Naval Operations the Bureau supervises operations involving salvaging of sunken or stranded ships. The Bureau exercises technical control of the installation, operating procedures, alteration, repair, and maintenance of the hull, machinery, and equipment of all naval ships and craft. It is also charged with the management and control of all U. S. naval shipyards; the offices of Supervisors of Shipbuilding, U. S. Navy, and of Naval Inspectors of Ordnance; the offices of U. S. Navy Inspectors of Machinery; the offices of Industrial Managers, U. S. Navy; and the U. S. Navy Shipbuilding Scheduling Activity. In addition, the Chief of the Bureau of Ships has the following duties: He is responsible, as coordinator of shipbuilding for the Naval Establishment, for the timely completion of naval ships; for the purchase of ships and other watercraft for the Department of the Army and for the Department of the Air Force, with the exception of floating drydocks; and, upon the initiation of hostilities or upon the declaration of a national emergency, for the coordination, within the limits of the United States, of the building, conversion, and repair of ships and other watercraft of the Department of Defense.

The records of the Bureau of Ships in the National Archives consist of general correspondence, 1940-45, with accompanying reports of experiments, and some records of the following divisions of the office of the Chief of the Bureau: the Administrative, the Contract, the Electronics, the Maintenance, the Publications, and the Shipbuilding Divisions. Several series of these records are continuations of series begun by predecessor bureaus and they considerably antedate the establishment of the Bureau of Ships.

GENERAL RECORDS OF THE OFFICE OF THE CHIEF OF THE BUREAU

GENERAL CORRESPONDENCE. 1940-45. 7,260 ft.

1266 *

Letters, circulars, despatches, reports, memoranda, and related documents received and copies of those sent. Arranged according to the Navy Filing Manual. Oversize enclosures, amounting to about 166 feet, are filed at the end of the series.

REPORTS OF EXPERIMENTS CONDUCTED AT NAVAL LABORATORIES. 1939-46. 74 ft.

1267 *

Paperbound copies, generally processed or typewritten, of reports of laboratory tests and experiments, including drawings, diagrams, and photographs. Arranged according to test station and thereunder by serial number. There are reports for the following establishments, arranged in the order given: Naval Engineering Experiment Station, Annapolis, Md.;

Materials Laboratory, Navy Yard, Boston, Mass.; Paint Laboratory and Industrial Laboratory, Navy Yard, Mare Island, Calif.; Materials Testing Laboratory, Navy Yard, New York, N. Y.; Naval Boiler and Turbine Laboratory, Navy Yard, Philadelphia, Pa.; Welding Laboratory and Electrical Testing Laboratory, Navy Yard, Portsmouth, N. H.; Chemical Laboratory and Metallurgical Laboratory, Navy Yard, Norfolk, Va.; Naval Radio and Sound Laboratory, San Diego, Calif.; Naval Research Laboratory, Bellevue, D. C.; and David W. Taylor Model Basin, Carderock, Md. There are also some miscellaneous reports. These records appear to have been kept with the general correspondence described in entry 1266.

Records of the Administrative Division

This Division administered the officer and enlisted personnel of the Bureau, in cooperation with the Bureau of Naval Personnel, and had charge of all matters concerning the civilian personnel of the Bureau. It was responsible for records administration, printing and binding, public relations, and the security and control of buildings occupied by the Bureau; and it directed the training activities of the Bureau. In a reorganization of the Bureau of Ships after the close of World War II the Administrative Division was superseded by the office of the Assistant Chief of the Bureau for Administration.

JUSTIFICATIONS OF POSITIONS. 1942-44. 15 binders. 2 ft. 1268

Copies of requests from the Bureau of Ships to the Assistant Secretary of the Navy to fill essential positions showing date of request; title and grade of position to be filled; salary and appropriation from which it would be paid; name of person to fill the position or statement that it would be filled by a new appointment; division, branch, section, or unit in which the position was located; sometimes name and room number of supervisor; and justification for filling the position. Arranged by type of activity. Two binders contain "annotated justifications," arranged numerically, with notations as to action taken.

Records of the Contract Division

This Division, established on July 15, 1944, took over the functions of the Contract Section of the Shipbuilding Division. The Division negotiates, prepares, administers nonengineering phases of and terminates all contracts for ships, main propelling machinery, auxiliary equipment, electronics equipment, and other Bureau of Ships special material; it processes requisitions and requirement documents for material purchased for the Bureau of Ships by other bureaus or departments; and it purchases materials, over which the Bureau of Ships has procurement responsibility, for other bureaus or departments.

CORRESPONDENCE RELATING TO CONTRACTS. 1938-43. 7 ft. 1269

Letters received from inspectors of naval material, contractors, other bureaus, and navy yards concerning the fulfillment of certain contracts let by the Bureau of Construction and Repair, together with enclosures such as blueprints and test performance data, and copies of replies and other outgoing correspondence. This appears to be a small

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collection of correspondence of the Bureau of Construction and Repair which was still active at the time the Bureau of Ships was created and which was inherited and continued by the Bureau of Ships. It is a continuation of the main series of contract correspondence of the Bureau of Construction and Repair for 1926-40 (see entry 286). Arranged by contract number, C-51053 to C-71309, with gaps in the numbers.

Records of the Electronics Division

This Division, successor to the Radio Division, was responsible for the development, procurement, production, and distribution of radio, radar, sonar, and related equipment for the Navy, Marine Corps, and Coast Guard. It also had control over the installation and maintenance of radio, radar, underwater sound, and related equipment for naval vessels and shore activities, except fire-control radar, which was under the Bureau of Ordnance, and airborne equipment, which was under the Bureau of Aeronautics. These Bureaus, however, delegated to the Bureau of Ships responsibility for the design, development, and installation of the parts of this equipment that related strictly to radio. In a reorganization of the Bureau of Ships after the close of World War II the Electronics Division was superseded by the office of the Assistant Chief of the Bureau for Electronics.

GENERAL CORRESPONDENCE. Mar.-Dec. 1943. 68 ft. 1270

Letters received, copies of letters sent, informational copies of other correspondence, cross-reference sheets, drawings, blueprints, and photographs. Arranged in two series as follows: (1) a subject file (47 feet), arranged alphabetically by subject heading and thereunder chronologically, with the following principal subjects: administration, procurement, radar, radio, receivers, reports, transmitters, tubes, and underwater sound; and (2) a ship file (21 feet), consisting of correspondence and other records relating to the procurement, installation, and maintenance of radio and other electronic equipment for individual vessels, arranged alphabetically by Navy Filing Manual symbols for the ships concerned.

GENERAL CORRESPONDENCE. Jan.-Dec. 1944. 109 ft. 1271

A continuation of the preceding series. Arranged in alphabetical order according to subject headings, the principal subjects being electronics, equipment, loran, personnel, procurement, publications, radar, radio, receivers, reports, security, sonar, transmitters, and tubes. Oversize enclosures (4 feet) are filed at the end of the series.

CORRESPONDENCE RELATING TO RESEARCH AND EXPERIMENTAL PROJECTS. 1931-42. 4 ft. 1272

Letters received, copies of letters sent, reports, memoranda, brochures, and other related enclosures concerning the design and development of improved radio and other communications equipment. The correspondence deals with projects concerning radio control of aircraft, radio direction finding, and underwater sound signaling. All these projects were begun under the Bureau of Engineering in the 1930's and were continued into the early war period. Arranged according to the Navy Filing Manual.

SPECIFICATIONS. 1937-44. 9 ft.

1277
X
Micrographed copies of specifications issued by the Radio Division and its successor, the Electronics Division, for various types of radio equipment. Arranged in numerical order by specification number. Some miscellaneous items, including copies of specifications of the Bureau of Air Commerce of the Department of Commerce, are filed at the end of the series.

Records of the Maintenance Division

This Division was responsible for the maintenance, equipment, and salvage of naval vessels. As soon as a completed ship was turned over to the fleet by the Shipbuilding Division, it was transferred to the jurisdiction of the Maintenance Division where it remained, even if decommissioned, until it was stricken from the roster of United States naval vessels. During World War II the Maintenance Division was responsible for the operation and maintenance--including upkeep, overhaul, alterations, modernization, and repair--of completed vessels of the United States and, on occasion, of vessels of its Allies; for the Bureau of Ships' part in the arming of merchant vessels; for ships' allowances, ships' surveys, and stocks of special materials; and for the issue of equipment, including certain special hull and machinery materials. On October 7, 1947, the Maintenance Division was consolidated with the Shipbuilding Division to form the Ships Division. The Ships Division was later superseded by the office of the Assistant Chief of the Bureau for Ships.

HULL AND MACHINERY ALLOWANCE LISTS. 1911-45. 267 ft.

1274
X
Booklets containing printed, processed, or typewritten lists showing for each vessel or class the various items of equipage and supplies furnished by the Bureau of Ships (in the older lists furnished by the Bureau of Construction and Repair) to make up the normal ship's allowance. Some of the lists refer to vessels which have been stricken; the others are lists which have been superseded because of the reconstruction or modernization of a vessel still in existence. These records were prepared for the purpose of providing a complete list of the equipment to be assembled and placed aboard the ship as a commissioning outfit. They cover all essential equipment that would be required to operate and maintain the vessel, including an initial issue of consumable supplies. Arranged in the following overlapping series: (1) 1911-44 (45 feet). Arranged alphabetically by name of ship. These lists are mostly for older vessels. (2) 1914-44 (28 feet). Arranged by Navy Filing Manual ships' symbols. (3) 1935-45 (57 feet). Arranged by Navy Filing Manual ships' symbols. These lists relate chiefly to relatively modern vessels, most of which served in World War II. (4) ca. 1940-45 (137 feet). Arranged by Navy Filing Manual ships' symbols. Most of these lists are consolidated allowance lists, including machinery items as well as hull items.

ENGINEERING DATA CONCERNING THE MILWAUKEE. Sept. 1927-Jan. 1944.

3 vols. 1 ft.

1275
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Quarterly synopses showing number of miles steamed, ports visited, names and ranks of senior officers of the Engineering Department, casualties to material or machinery derangements, tube failures, and

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replacements. They contain data regarding anchors, steady runs, boilers, machinery, and docking (if docking occurred during the period). Arranged chronologically. The records created before the establishment of the Bureau of Ships in 1940 are records of the Bureau of Engineering.

Records of the Publications Division

The functions of this Division were to estimate annual budget requirements for printing and binding; to edit, compile, and review publications; to maintain the index, library, and stock of the Bureau of Ships' general and electronics publications; to distribute publications to vessels and shore stations; to provide necessary services in connection with printing and distribution of forms; to maintain records of still photographs of ships and ship equipment; and to maintain general information books for all vessels. In a reorganization of the Bureau of Ships after the close of World War II the Publications Division became the Publications Branch of the office of the Assistant Chief of the Bureau for Administration.

RESULTS OF PERFORMANCE TESTS OF AUXILIARY MACHINERY. ca. 1900-1945.

22 ft.

1276

Booklets containing compilations of data showing the results of tests of auxiliary (electrical) machinery carried out during the acceptance trials of a vessel or after overhaul. They consist of detailed instructions for making the tests, followed by tables of observed performance. The titles vary widely, but the records of latest date appear to be uniformly designated "Performance Data Booklets, C. & R. Auxiliaries." Arranged according to Navy Filing Manual designations of individual vessels. Records of a generally similar character are among the electrical installation booklets described in entry 1277.

DESCRIPTIONS OF ELECTRICAL INSTALLATIONS ABOARD NAVAL VESSELS.

ca. 1915-48. 267 ft.

1277

Master copies of so-called "Electrical Installation Booklets," containing detailed descriptions of the electrical systems of individual vessels or classes of vessels, with accompanying plans, diagrams, drawings, and photographs. Many of the booklets also include performance test data similar to that in the records described in entry 1276. The titles vary widely. The latest volumes are entitled, on the cover, "Record of Electrical Installation and Electrically Operated Auxiliaries with Performance Data" and, on the backstrip, "The Record." Arranged according to arbitrarily assigned serial numbers, 1040-51309, with many gaps in the numbers.

GENERAL INFORMATION BOOKS. ca. 1900-1945. 33 ft.

1278

Bound volumes of printed or processed descriptions of individual vessels giving detailed information concerning all items of hull structure, machinery, and equipment under the jurisdiction of the Bureau of Ships and its predecessor bureaus. Operating instructions and many plans and blueprints are included. Arranged alphabetically according to file symbols for individual ships.

PHOTOGRAPHS. 1933-1946. 325 ft. (1275) *

Approximately 200,000 photographic negatives, 50,000 photographic prints, and 75 albums containing views of ships of the United States Navy while under construction, at launchings and commissionings, during trial runs, and during repairs or remodeling; photographic copies of paintings and portraits of naval heroes, naval battles, reviews, flags, and historic ships; views of navy yards and bases, training schools, summer cruises, radio equipment from 1907, airplane and seaplane development from 1917, ships' damages and salvage operations, and ships' silhouettes and camouflage; and views of foreign naval vessels. The negatives are arranged numerically; an index to them is in the custody of the Bureau of Ships. (The Still Picture Branch has a photocopy of the index.) The accompanying prints, consisting of mounted photographs made from the negatives, are arranged by type of ship or by subject. The albums contain selected prints of historic ships, such as the Constitution, and prints on particular subjects, such as figureheads of ships; they are arranged by name of ship or by subject.

Records of the Shipbuilding Division

This Division was responsible for the construction and acquisition of ships and the procurement of necessary materials and equipment. Its responsibility for naval shipbuilding extended from the inception of the design through construction or conversion until the completed vessel reported to the fleet. It was accountable for the basic and detailed program, production planning, and scheduling of vessels and their component parts, except electronics equipment. It established material standards, conducted research and testing, and developed substitute materials for use in its construction work. Finally, the Division was responsible for the stability and seaworthiness of naval vessels under construction and in service, and it prepared vessel allowance lists, schedules, statistics, and material progress reports. On October 7, 1947, the Shipbuilding Division and the Maintenance Division were consolidated to form the Ships Division. The Ships Division was later superseded by the office of the Assistant Chief of the Bureau for Ships.

PLANS OF UNITED STATES NAVAL VESSELS. 1908-49. 210 ft. (1280) *

Chiefly linen tracings showing hull plans, machinery, and electrical installations of vessels decommissioned after 1910 and through 1949, although an occasional plan of a vessel not decommissioned is included. There are complete plans for only one representative vessel of each class, the plans of all other ships of a given class having been microfilmed (see entry 1232) and destroyed. Arranged in part by Navy Filing Manual ships' symbols and in part numerically according to arbitrarily assigned serial numbers. It appears that these plans were formerly arranged numerically and that part of them were later rearranged according to the Navy Filing Manual symbols and indexed. For the index, see entry 1281. The plans dated before the establishment of the Bureau of Ships were originally in the custody of the Bureau of Construction and Repair.

INDEX TO PLANS OF UNITED STATES NAVAL VESSELS. 1908-48. 3 ft. (1231) *

A card index referring to the plans described in entry 1280 showing

Bureau of Ships' plan number (Navy Filing Manual ship's symbol and number), old plan number, title of plan, vessel to which applicable (sometimes name of vessel and sometimes symbol), sometimes date of plan, and occasionally file reference to Bureau letter. Arranged according to Navy Filing Manual ships' symbols. These cards serve as an index to that part of the plans described in entry 1280 which are arranged by ships' symbols, but it is an incomplete index since not all of the plans arranged by ships' symbols are included. The "old plan number" refers to the number assigned before the plans were rearranged. The plans to which some of the cards refer are not present in the group now arranged by ships' symbols; these are in the numerical series under the "old plan number."

MICROFILM COPIES OF PLANS OF UNITED STATES NAVAL VESSELS. ca. 1908-49
1,144 rolls. 1282

Positive microfilm copies of plans of decommissioned vessels; negative copies in some cases accompany the positive prints. These are, in general, reproductions of the series of plans described in entry 1280. Arranged according to roll number.

MICROFILM COPY OF DRAWINGS OF AND OTHER DATA CONCERNING THE U.S.S.

CONSTELLATION. 1794-1947. 1 roll.

1282-A

A positive microfilm of 28 drawings, including sail, docking, profiles, body, deck, and hold plans. In addition to specifications for the construction of frigates under an act of March 27, 1794, there is also a photostat of a handwritten description of the figurehead design. A typewritten list gives the number and titles of the items on the roll.

MISCELLANEOUS RECORDS RELATING TO SHIP DESIGN ("ENVELOPE FILES").

ca. 1890-1942. 47 ft.

1283

Launching reports, data on inclining experiments, stability curves, stress calculations, plans, and blueprints prepared chiefly in connection with the development of new designs. The records are filed in large manila envelopes and identified by serial numbers ranging from 0031 to 12630 (with large gaps). This series was begun under the Bureau of Construction and Repair and continued by the Bureau of Ships.

SPECIFICATIONS. ca. 1909-44. 80 ft.

1284

Printed or processed copies of specifications issued by the Bureau of Ships and its predecessors for a wide variety of materials purchased under contract, ranging from fuel oil to wire cable. There are a few items dated as late as 1946. Arranged according to specification number. Related correspondence accompanies some of the specifications, particularly those of earliest date. These specifications are arranged in the following series: (1) Specifications originally developed by the Bureau of Engineering (65 ft.), arranged in numerical order, 7-0-1 to 75-E-2. Copies of printed or processed indexes, filed at the end of this group, appear to have been issued at 3- or 4-month intervals between 1938 and 1944. (2) Supplementary General Specifications for Machinery ("SGS" file). (10 ft.). (3) Specifications originally developed by the Bureau of Construction and Repair ("SPS" file). (2 ft.). (4) Appendixes II-VII for "General Specifications for Inspection of Material" (3 ft.).

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WEEKLY REPORTS OF LABOR EMPLOYED ON NAVAL SHIPBUILDING AT PRIVATE YARDS. 1940-44. 10 ft. (1285)

Reports from private shipyards to regional supervisors of shipbuilding containing the following information regarding individual contracts: total number of laborers on payroll, changes in working hours, average number of men employed, and work-week hours. These are original copies of the reports received by supervisors of shipbuilding and forwarded by them to the Bureau of Ships. Arranged alphabetically by name of company, thereunder chronologically. Submittal of this "Weekly Labor Letter" was discontinued in March 1944 when it was superseded by a standard form report.

RECORDS RELATING TO LEND-LEASE REQUIREMENTS. 1942-44. 6 ft. (1286) Y

Tables of requirements prepared partly on the basis of raw materials needed to produce finished manufactured goods (such as compressors, pumps, cables) and partly on the basis of the needs of individual manufacturers (such as the Caterpillar Tractor Co.) for materials to enable them to fill their orders. These tables are accompanied by copies of related Defense Aid Requisitions, apparently intended to justify allocation of the amounts scheduled. Filed in folders by subject.

REQUIREMENTS TABLES, "FIVE POINT MATERIALS PROGRAM." 1942. 1 ft. (1287) X

Processed tables of statistics showing detailed breakdowns of requirements for various critical raw materials (such as aluminum and rubber) needed in new ship construction. Arranged by class of vessel.

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APPENDIX

(1915-25)

CLASSIFICATION SCHEME FOR CORRESPONDENCE CONCERNING SHIPS (ENTRY 105)

The numbers under which correspondence was filed were made up of the number for the subject, the symbol for the type of vessel, and a number for the specific vessel.

Subject-Numeric Classification Scheme

- | | |
|-------------------------------|--------------------------------------|
| 0 General and miscellaneous | 42 Compasses |
| 1 Surveys | 43 Ash handling |
| 2 Repairs | 44 Weights |
| 3 Alterations | 45 Hatches and lights |
| 4 Boats | 46 Armor, general |
| 5 Docking | 47 Towing machinery and gear |
| 6 Anchors | 48 Berthing and messing |
| 7 Allowance | 49 Conning tower |
| 8 Articles turned into store | 50 Heating system |
| 9 Commissioning | 51 Anchor gear |
| 10 Inspections | 52 Coaling arrangements |
| 11 Booklets | 53 Armor backing |
| 12 Tonnage | 54 Fire system |
| 13 Painting and paints | 55 Ammunition hoists (except turret) |
| 14 Plans | 56 Steering gear |
| 15 Windlasses | 57 Trials |
| 16 Furniture | 58 Ammunition handling |
| 17 Labeling | 59 Coal bunkers |
| 18 Radiography | 60 Masts and spars |
| 19 Turret turning machinery | 61 Guns and mounts turret |
| 20 Ladders | 62 Armory |
| 21 Complement | 63 Armor bolts |
| 22 Design | 64 Turret foundations |
| 23 Extension of contract time | 65 Manuevering and speed trials |
| 24 Inside fittings | 66 Canvas outfit |
| 25 Commissary spaces | 67 Delivery and receipt of vessel |
| 26 Interior communication | 68 Specifications |
| 27 Torpedo outfit | 69 Disinfecting plant |
| 28 Plumbing | 70 Doors, watertight |
| 29 Guns and mounts, pedestal | 71 Gunport structure |
| 30 Hospital spaces | 72 Torpedo stowage |
| 31 Turret fittings | 73 Ammunition allowance |
| 32 Gunports, turret | 74 Armor, turret |
| 33 Winches | 75 Deck covering |
| 34 Target practice | 76 Bulkheads |
| 35 Ventilation | 77 Outside fittings |
| 36 Ammunition stowage | 78 Bridges and charthouse |
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 98 Laundry and drying room
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 gratings
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 169 Bolts
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 172 Compartment and access
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 176 Derricks
 177 Conflicting opinions
 178 Elevators and dumbwaiters
 179 Gifts
 180 Hammock berthing
 181 Hatch casings and trunks
 182 Hatches and power doors
 183 Hawser reels
 184 Hose reels and racks
 185 Innerbottom plating

186 Joist
 187 Laid
 188 Ma
 189 Ma
 190 Ma
 191 Ma

192 Or
 193 P
 194 F
 195 S

Symbols

B
 BC
 C
 CA
 CS
 D
 F
 G
 H
 M
 MA
 MC
 ME
 MF
 MG
 P
 R
 S
 T
 U
 V
 W
 X
 Y
 Z

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Symbols for Vessels

<u>Symbol</u>	<u>Type</u>	<u>Symbol</u>	<u>Type</u>
B	Battleship	YA	Ash lighter
BC	Battle cruiser	YAM	Ammunition lighter
C	Cruiser	YC	Coal barge
CA	Armored cruiser	YCF	Car floats
CS	Scout cruiser	YCD	Fuel or fueling barges
D	Destroyer	YD	Floating derrick (wrecking derrick)
F	Fuel ship--tanker	YDG	Dredge
G	Gunboat	YF	Freight lighter
H	Hospital ship	YFL	Float
M	Miscellaneous	YFS	Farm scow
MA	Ammunition ship	YG	Garbage lighter
MC	Line carrier	YH	Heating scow
ME	Mine ship	YM	Miscellaneous yard craft (mainly those having no design number)
MP	Mine planter	YMA	Ambulance barge
MS	Mine sweeper	YMD	Mud scow
P	Patrol or eagle boat	YO	Oil barge
R	Repair ship	YP	Section patrol boats (submarine chasers)
S	Submarine	YPB	Passenger barges
SP	Supply ship	YPD	Pile drivers
T	Tug	YTT	Torpedo testing barges
TB	Torpedo boat	YW	Water barges
TN	Tender	YWK	Floating workshops
TWA	Aircraft carrier or tender		
TND	Destroyer tender		
TNS	Submarine tender		
TP	Transport		
Y	Yard craft		