For improved machinery and instruments for testing American iron and steel, twenty-five thousand dollars. Machinery, &c., for testing American iron and steel.

APPROVED, March 3, 1873.

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CHAP. CCXXX. — *An Act making Appropriations for the naval Service for the Year ending June thirtieth, eighteen hundred and seventy-four, and for other Purposes.* March 3, 1873.

*Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled*, That the following sums be, and they are hereby appropriated, to be paid out of any money in the treasury not otherwise appropriated, for the naval service of the government for the year ending June thirtieth, eighteen hundred and seventy-four, and for other purposes: Navy appropriation for year ending June 30, 1874.

For pay of commissioned and warrant officers at sea, (including sea-pay and rations of officers detailed or appointed as naval storekeepers abroad,) on shore, on special service, and of those on the retired list and unemployed, and for mileage and transportation of officers travelling under orders, and for pay of the petty-officers, seamen, ordinary seamen, landsmen, and boys, including men of the engineer's force, and for the coast-survey service eight thousand five hundred men, at an average pay of three hundred dollars each per annum, six million two hundred and fifty thousand dollars: *Provided*, That no officer on the retired list of the navy shall be employed on active duty except in time of war: *And provided*, That those officers on the retired list, and those hereafter retired, who were, or who may be, retired after forty years' service, or on attaining the age of sixty-two years, in conformity with section one of the act of December, eighteen hundred and sixty-one, and its amendments, dated June twenty-fifth, eighteen hundred and sixty-four, or those who were or may be retired from incapacity resulting from long and faithful service, from wounds or injuries received in the line of duty, from sickness or exposure therein, shall, after the passage of this act, be entitled to seventy-five per centum of the present sea-pay of the grade or rank which they held at the time of their retirement. The rear-admirals provided for in the act of June fifth, eighteen hundred and seventy-two, shall be considered as having been retired as rear-admirals. Pay of officers and seamen, mileage, transportation, &c. Retired officers not to be employed on active duty except, &c. Pay of certain officers on the retired list. 1861, ch. 1, § 1. Vol. xii. p. 329. 1864, ch. 152. Vol. xiii. p. 183. 1865, ch. 6, § 3. Vol. xiii. p. 420. 1872, ch. 307. *Ante*, p. 223.

For contingent expenses of the Navy Department, one hundred thousand dollars. Contingent expenses.

*Bureau of Navigation.* — For foreign and local pilotage and towage of ships of war, fifty thousand dollars. Bureau of navigation. Pilotage and towage.

For services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore, three thousand dollars. Correcting, &c., compasses.

For nautical and astronomical instruments, nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war, ten thousand dollars. Nautical instruments, books, charts, &c.

For books for libraries for ships of war, three thousand dollars.

For navy signals and apparatus, namely, signal-lights, lanterns and rockets, including running lights, drawings, and engravings for signal-books, six thousand dollars. Navy signals, &c.

For compass-fittings, including binnacles, tripods, and other appendages of ships' compasses, five thousand dollars. Compass-fittings.

For logs and other appliances for measuring the ship's way, leads and other appliances for sounding, three thousand dollars. Logs, &c.

For lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, ward-room, and steerage, for the holds and spirit-room, for decks and quartermaster's use, six thousand dollars. Lanterns, &c.

For bunting and other materials for flags, and making and repairing flags of all kinds, five thousand five hundred dollars. Bunting and flags.

For oil for ships of war other than that used for the engineer department; candles when used as a substitute for oil in binnacles and running- Oil.

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lights; for chimneys and wicks; and soap used in navigation department, thirty-five thousand dollars.

Stationery. For stationery for commanders and navigators of vessels of war, four thousand dollars.

Musical instruments. For musical instruments, and music for vessels of war, one thousand dollars.

Signal communication. For steering signals and indicators, and for speaking-tubes and gongs, for signal communication on board vessels of war, two thousand five hundred dollars.

Civil establishment. Civil establishment: For pay of writers and laborers, and for purposes incidental to the support of the civil establishment under this bureau at the several navy-yards, twelve thousand dollars.

Contingent expenses. For contingent expenses of the bureau of navigation: Freight and transportation of navigation materials; instruments, books, and stores; postage and telegraphing; advertising for proposals; packing-boxes and materials; blank books, forms, and stationery at navigation offices, six thousand dollars.

Charts. For drawing, engraving, and printing and photo-lithographing charts, electrotyping and correcting old plates, preparing and publishing sailing directions, and other hydrographic information, twenty thousand dollars.

Surveys in the Pacific. For surveying in the Pacific, fifty thousand dollars.

For making charts, including those of the Pacific coast, thirty thousand dollars.

Fuel, &c. For fuel, lights, and office furniture; care of building and other labor; purchase of books for library, drawing materials, and other stationery; postage, freight, and other contingent expenses, seven thousand dollars.

Rent. For rent and repair of building, two thousand eight hundred dollars.

Naval observatory. For expenses of naval observatory, namely:

For pay of one clerk, one thousand eight hundred dollars.

For three assistant observers, at one thousand five hundred dollars each.

For wages of one instrument-maker, one messenger, three watchmen, and one porter; for keeping grounds in order and repairs to buildings; for fuel, light, and office furniture; and for stationery, purchase of books for library, chemicals for batteries, postage, and freight, and all other contingent expenses, thirteen thousand five hundred dollars.

For transcribing astronomical observations upon sheets for publication, one thousand two hundred dollars.

Tower for new refracting telescope. For completing tower and dome for the new refracting telescope, five thousand dollars.

Catalogue of zone-stars. For computations for catalogue of zone-stars observed by the United States naval astronomical expedition to the southern hemisphere, in eighteen hundred and fifty, eighteen hundred and fifty-one, and eighteen hundred and fifty-two, one thousand five hundred dollars.

For switch-board for telegraphic apparatus, six hundred dollars.

Refracting telescope. For payment of second instalment for the great refracting-telescope now in the course of construction, ten thousand dollars.

Nautical almanac. For expenses of Nautical Almanac:

For pay of computers and clerk for compiling and preparing for publication the American Ephemeris and the Nautical Almanac, twenty thousand dollars.

Elements of new planets. For continuance of work on new planets discovered by American astronomers, three thousand dollars.

Rent, &c. For rent, fuel, labor, stationery, boxes, expresses, and miscellaneous items, one thousand five hundred dollars.

Bureau of ordnance. *Bureau of Ordnance.* — For fuel and materials necessary in carrying on the mechanical branches of the ordnance department at the navy-yards and stations, one hundred thousand dollars.

Fuel and labor. For labor at all the navy-yards, three hundred thousand dollars.

For repairs to ordnance buildings, magazines, gun-parks, machinery, and other necessaries of the like character, forty-seven thousand six hundred and one dollars.

For miscellaneous items, six thousand one hundred and fifty dollars.

For experiments in ordnance, forty thousand dollars. Experiments.

For the torpedo-corps: For the purchase and manufacture of gunpowder, nitro-glycerine, and gun-cotton, twelve thousand dollars. Torpedo-corps.

For purchase and manufacture of electrical machines, galvanic batteries, and insulated wire, twenty-four thousand dollars.

For purchase of copper, iron, wood, and other materials necessary for the manufacture of torpedoes, and for work on the same, twenty-seven thousand dollars.

For construction of torpedo-boats, purchase of coffer-work or hulks, and contingent expenses, thirty-five thousand dollars. Torpedo-boats.

For repairs to buildings and wharves, four thousand seven hundred dollars.

For labor, including one chemist at two thousand dollars, pyrotechnist electrician, one foreman machinist at one thousand five hundred and sixty-five dollars, and two clerks at one thousand seven hundred dollars each, twenty-one thousand and sixty-five dollars: *Provided*, That the funds herein appropriated for the torpedo-corps shall only be used in the establishment and maintenance of torpedoes to be operated for offensive or defensive use against an enemy in naval warfare. Proviso.

Civil establishment: For pay of superintendents and the civil establishment of the several navy-yards under this bureau, fifteen thousand dollars. Civil establishment.

For contingent expenses of the ordnance service of the navy, one thousand dollars.

*Bureau of Equipment and Recruiting.* — For equipment of vessels: For coal for steamers' use, including expenses of transportation; storage, labor, hemp, wire, and other materials for the manufacture of rope; hides, cordage, canvas, leather; iron for manufacture of cables, anchors, and galleys; condensing and boat-detaching apparatus; cables, anchors, furniture, hose, bake-ovens, and cooking-stoves, life-rafts, heating-apparatus for receiving-ships; and for the payment of labor in equipping vessels, and manufacture of articles in the navy-yards, pertaining to this bureau, one million five hundred thousand dollars. Bureau of equipment and recruiting.

Civil establishment at the navy-yard, Kittery, Maine: For clerk in equipment office, one thousand four hundred dollars; for store-clerk, one thousand one hundred dollars; for time-clerk, nine hundred dollars; in all, three thousand four hundred dollars. Civil establishment at navy-yard at Kittery;

At the navy-yard, Charlestown, Massachusetts: For superintendent of rope-walk, one thousand nine hundred dollars; clerk to same, one thousand two hundred dollars; clerk in equipment office, one thousand five hundred dollars; for store-clerk, one thousand two hundred dollars; time-clerk, one thousand two hundred dollars; in all, seven thousand dollars. Charlestown;

At the navy-yard, Washington, District of Columbia: For clerk in equipment office, one thousand five hundred dollars; and for one store and one time clerk, one at one thousand four hundred dollars and one at one thousand two hundred dollars; in all, four thousand one hundred dollars. Washington;

At the navy-yard, Philadelphia, Pennsylvania: For clerk in equipment office, one thousand four hundred dollars; for one store and one time clerk, at one thousand two hundred dollars each; in all, three thousand eight hundred dollars. Philadelphia;

At the navy-yard Brooklyn, New York: For clerk in equipment office, one thousand five hundred dollars; and for one store and one time clerk, at one thousand two hundred dollars each; in all, three thousand nine hundred dollars. Brooklyn.

Civil establishment at navy-yard at Norfolk; At the navy-yard, Norfolk, Virginia: For clerk in equipment office, one thousand four hundred dollars; for store-clerk, one thousand one hundred and twenty-five dollars; and for time-clerk, nine hundred dollars; in all, three thousand four hundred and twenty-five dollars.

Pensacola; At the navy-yard, Pensacola, Florida: For equipment-office clerk, one thousand three hundred dollars.

Mare island. At the navy-yard, Mare island, California: For clerk in equipment office, one thousand eight hundred and seventy-five dollars; for store-clerk, one thousand two hundred dollars; in all, three thousand and seventy-five dollars.

Contingent expenses. For contingent expenses of the bureau of equipment and recruiting, namely: For freight and transportation of stores, transportation of enlisted men, mileage to honorably discharged men, printing, advertising, expenses of auction-sales, telegraphing, stationery, apprehension of deserters, assistance to vessels in distress, and good-conduct badges for enlisted men, one hundred and twenty-five thousand dollars.

Bureau of yards and docks. *Bureau of Yards and Docks.* — For civil establishment at the navy-yard, Kittery, Maine:

Civil establishment at navy-yard at Kittery; For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for gate-keeper and detective, one thousand dollars; and for messenger at commandant's office, six hundred dollars; making in all, four thousand four hundred dollars.

For establishing gas-works and piping to light the Kittery navy-yard, twenty thousand dollars.

Charlestown; At the navy-yard, Charlestown, Massachusetts: For assistant to civil engineer, one thousand five hundred dollars; for draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for writer to commandant, one thousand dollars; for gate-keeper and detective, one thousand dollars; and for messenger to commandant's office, six hundred dollars; in all, six thousand nine hundred dollars.

Brooklyn; At the navy-yard, Brooklyn, New York: For assistant to civil engineer, one thousand five hundred dollars; for draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for writer to commandant, one thousand dollars; for gate-keeper and detective, one thousand dollars; for mail-carrier, nine hundred dollars; and for messenger for commandant's office, six hundred dollars; in all, seven thousand eight hundred dollars.

Philadelphia; At the navy-yard, Philadelphia, Pennsylvania: For draughtsman and clerk to civil engineer, one thousand four hundred dollars each; for gate-keeper and detective, one thousand dollars; and for messenger for the commandant's office, six hundred dollars; in all, four thousand four hundred dollars.

Washington; At the navy-yard, Washington, District of Columbia: For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for gate-keeper and detective, one thousand dollars; for mail-messenger, one thousand dollars; and for messenger for commandant's office, six hundred dollars; in all, five thousand four hundred dollars.

Norfolk; At the navy-yard, Norfolk, Virginia: For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for gate-keeper and detective, one thousand dollars; and for messenger for commandant's office, six hundred dollars; in all, four thousand four hundred dollars.

For the construction of gas-works and piping at the Norfolk navy-yard, Portsmouth, Virginia, ten thousand dollars.

Pensacola; At the navy-yard, Pensacola, Florida: For superintendent of yard improvements, two thousand dollars; for gate-keeper and detective, one thousand dollars; for messenger for the office of the commandant, six hundred dollars; in all, three thousand six hundred dollars.

Mare island. At the navy-yard, Mare island, California: For assistant to civil engineer and draughtsman, one thousand eight hundred dollars; for clerk to

civil engineer, one thousand five hundred dollars; for gate-keeper and detective, one thousand dollars; and for messenger for commandant's office, seven hundred and fifty dollars; in all, five thousand and fifty dollars.

Naval station at League island.

At the naval station, League island, Pennsylvania: For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; in all, two thousand eight hundred dollars.

Naval asylum.

At the naval asylum, Philadelphia, Pennsylvania: For superintendent, six hundred dollars; steward, four hundred and eighty dollars; matron, three hundred and sixty dollars; cook, two hundred and forty dollars; assistant cook, one hundred and sixty-eight dollars; chief laundress, one hundred and ninety-two dollars; three laundresses, at one hundred and sixty-eight dollars each; eight scrubbers and waiters, at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; stable-keeper and drivers, three hundred and sixty dollars; masters-at-arms, four hundred and eighty dollars; corporal, three hundred dollars; barber, three hundred and sixty dollars; for furniture, and repairs of the same, one thousand dollars; house-cleaning and white-washing, eight hundred dollars; furnaces, grates, and ranges, six hundred dollars; gas and water-rent, one thousand four hundred dollars; repairs of all kinds, five thousand dollars; improvement of cemetery, two thousand eight hundred and fifty dollars; and for support of beneficiaries, forty thousand dollars; in all, fifty-eight thousand four hundred and seventy-eight dollars; which sum shall be paid out of the income from the naval pension fund.

General expenses

For general maintenance of yards and docks, viz: For general expenses of the bureau of yards and docks; Freight and transportation of materials and stores; printing, stationery, and advertising, including the commandant's office; books, models, maps, and drawings; purchase and repair of fire-engines; machinery and patent-rights to use the same; repairs on steam-engines and attendance on the same; purchase and maintenance of oxen and horses, and driving teams, carts, and timber-wheels for use in the navy-yards, and tools and repairs of same; postage and telegrams; furniture for government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards, and care of buildings; attendance on fires; lights; fire-engines and apparatus; incidental labor at navy-yards; water-tax, and for toll and ferriages; pay of the watchmen in the navy-yards; and for flags, awnings, and packing-boxes, and for contingent expenses of yards and docks, not exceeding forty thousand dollars, nine hundred thousand dollars.

Bureau of medicine and surgery.

*Bureau of Medicine and Surgery.* — For support of the medical department for surgeons' necessaries for vessels in commission, navy-yards, naval stations, marine corps, and coast survey, forty thousand dollars.

Surgeons' necessaries.

Repairs of laboratory, hospitals, &c.

For necessary repairs of naval laboratory, hospitals, and appendages, including roads, wharves, cemeteries, out-houses, steam-heating apparatus, side-walks, fences, gardens, and farms, twenty-five thousand dollars.

Civil establishment at hospital at

For pay of the civil establishment under this bureau: At the hospital at Chelsea, Massachusetts, seven thousand seven hundred and eighty-two dollars.

Chelsea;

New York;

At the hospital, New York, eleven thousand three hundred and thirty-two dollars.

Philadelphia;

At the hospital, Philadelphia, Pennsylvania, six thousand nine hundred and ninety dollars.

Washington;

At the hospital, Washington, District of Columbia, four thousand nine hundred and twenty-six dollars.

Annapolis.

At the hospital, Annapolis, Maryland, four thousand five hundred and twelve dollars.

Civil establishment at hospital at Norfolk; At the hospital, Norfolk, Virginia, five thousand four hundred and six dollars.

Pensacola; At the hospital, Pensacola, Florida, five thousand and ninety-four dollars.

Mare Island; At the hospital Mare island, California, eight thousand eight hundred and seventy-two dollars.

Yokohama, Japan; At the hospital at Yokohama, Japan, two thousand four hundred and seventy-eight dollars.

at naval laboratory, New York; At the naval laboratory, New York, six thousand four hundred dollars.

at navy-yard at Charlestown; At the navy-yard, Charlestown, Massachusetts, one thousand four hundred and eighty dollars.

New York; At the navy-yard, New York, one thousand four hundred and eighty dollars.

Philadelphia; At the navy-yard, Philadelphia, Pennsylvania, one thousand four hundred and eighty dollars.

Washington; At the navy-yard, Washington, District of Columbia, one thousand four hundred and eighty dollars.

Norfolk; At the navy-yard, Norfolk, Virginia, one thousand four hundred and eighty dollars.

at naval academy; At the naval academy, Annapolis, Maryland, one thousand two hundred and forty-two dollars.

naval station at Mound city; At the naval station, Mound city, Illinois, one thousand four hundred and eighty dollars.

Kittery. At the navy-yard, Kittery, Maine, one thousand two hundred and ninety dollars.

Contingent expenses. For contingent expenses of the bureau, freight on medical stores, transportation of insane patients to the government hospital, advertising, telegraphing, purchase of books, expenses attending the naval medical board of examiners, purchase and repair of wagons, harness, purchase and feed of horses, cows, trees, garden-tools and seeds, twenty-five thousand dollars.

Bureau of provisions and clothing. *Bureau of Provisions and Clothing.* — For provisions for the officers, seamen, and marines, one million five hundred and forty-seven thousand and six hundred dollars.

Provisions. Water. For purchase of water for ships, forty thousand dollars.

Civil establishment at navy-yard at Boston; For pay of the civil establishment at the several navy-yards under this bureau:

At the navy-yard, Boston, Massachusetts: Two writers, one to paymaster and one to inspector of provisions and clothing, at one thousand and seventeen dollars and twenty-five cents each; in all, two thousand and thirty-four dollars and fifty cents.

Brooklyn; At the navy-yard, Brooklyn, New York: Two writers to paymasters, at one thousand and seventeen dollars and twenty-five cents each; assistant to inspector of provisions and clothing, one thousand eight hundred and seventy-eight dollars; writer to inspector of provisions and clothing, one thousand and seventeen dollars and twenty-five cents; assistant superintendent of mills, nine hundred and thirty-nine dollars; in all, five thousand eight hundred and sixty-eight dollars and seventy-five cents.

Philadelphia; At the navy-yard, Philadelphia, Pennsylvania: One writer to paymaster, one thousand and seventeen dollars and twenty-five cents; one writer to inspector of provisions and clothing, one thousand and seventeen dollars and twenty-five cents; in all, two thousand and thirty-four dollars and fifty cents.

Washington; At the navy-yard, Washington, District of Columbia: One writer to paymaster, one thousand and seventeen dollars and twenty-five cents.

Norfolk. At the navy-yard, Norfolk, Virginia: One writer to paymaster, one thousand and seventeen dollars and twenty-five cents.

At the navy-yard, Mare island, California: One writer to paymaster, at one thousand and seventeen dollars and twenty-five cents; one writer to inspector of provisions and clothing, one thousand two hundred and ninety-five dollars and fifty cents; in all, two thousand three hundred and twelve dollars and seventy-five cents. Civil establishment at navy-yard at Mare island.

For contingent expenses: For freight and transportation to foreign and home stations; candles; fuel; interior alterations and fixtures in inspection buildings; tools, and repairing same at eight inspections; special watchmen in eight inspections; books and blanks; stationery; telegrams; postages and express charges; tolls, ferriages, and car tickets; ice; and incidental labor not chargeable to other appropriations, seventy-five thousand dollars. Contingent expenses.

*Bureau of Construction and Repair.* — For the construction of eight steam vessels of war, three million two hundred thousand dollars; this appropriation to be available from the passage of this act. Bureau of construction and repair.

For preservation of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; labor in navy-yards and on foreign stations; preservation of materials; purchase of tools; wear, tear, and repair of vessels afloat, and general maintenance of the navy; incidental expenses, advertising, and foreign postages, three million five hundred thousand dollars. Preservation of vessels, &c.;

For protection of timber lands, five thousand dollars. of timber lands.

Civil establishment at the navy-yard, Kittery, Maine: For draughtsman, one thousand four hundred dollars; clerk of store-houses, one thousand five hundred dollars; inspector of timber, clerk to naval constructor, time-clerk, and superintendent of floating-dock, at one thousand four hundred dollars each; in all, eight thousand five hundred dollars. Civil establishment at navy-yard at Kittery;

At the navy-yard, Charlestown, Massachusetts: For draughtsman to naval constructor, one thousand four hundred dollars; clerk to naval constructor, inspector of timber, time-clerk, at one thousand five hundred dollars each; clerk of store-houses, one thousand two hundred dollars; in all, seven thousand one hundred dollars. Charlestown;

At the navy-yard, Brooklyn, New York: For draughtsman to naval constructor, one thousand four hundred dollars; clerk to naval constructor, inspector of timber, and time-clerk, at one thousand five hundred dollars each; and clerk of store-houses, one thousand two hundred dollars; in all, seven thousand one hundred dollars. Brooklyn;

At the navy-yard, Philadelphia, Pennsylvania: For draughtsman to naval constructor, one thousand four hundred dollars; clerk of store-houses, one thousand two hundred dollars; inspector of timber, clerk to naval constructor, time-clerk, and superintendent of floating-dock, at one thousand four hundred dollars each; in all, eight thousand seven hundred dollars. Philadelphia;

At the navy-yard, Washington, District of Columbia: For draughtsman to naval constructor, one thousand four hundred dollars; clerk to naval constructor and clerk of store-houses, inspector of timber and time-clerk, at one thousand two hundred dollars each; in all, six thousand two hundred dollars. Washington;

At the navy-yard, Norfolk, Virginia: For draughtsman to naval constructor and clerk of store-houses, at one thousand four hundred dollars each; time-clerk, one thousand two hundred dollars; in all, four thousand dollars. Norfolk;

At the navy-yard, Pensacola, Florida: For clerk of store-houses, one thousand four hundred dollars. Pensacola;

At the navy-yard, Mare island, California: For draughtsman to naval constructor, one thousand four hundred dollars; inspector of timber, clerk of store-houses, clerk to naval constructor, superintendent of floating-dock, and time-clerk, at one thousand five hundred dollars each; in all, eight thousand nine hundred dollars. Mare island.

Bureau of steam-engineering.

*Bureau of Steam-Engineering.* — For repairs and preservation of machinery and boilers on naval vessels, one million dollars.

Repairs, &c., of machinery.

For fitting, repair, and preservation of yard machinery and tools, fifty thousand dollars.

Labor and materials.

For labor in navy-yards and stations, not before included, and incidental expenses, one hundred thousand dollars.

For purchase and preservation of oils, coal, iron, and all materials and stores, four hundred thousand dollars.

Engines and boilers for certain vessels.

For completing five pairs of compound engines and accompanying boilers for the third-rate vessels Marion, Vandalia, Swatara, Quinnebaug, and Galena, and other vessels, seven hundred and fifty thousand dollars.

Civil establishment at navy-yard at Portsmouth;

Civil establishment at the navy-yard, Portsmouth, New Hampshire: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, at one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Charlestown;

At the navy-yard, Charlestown, Massachusetts: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, at one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Brooklyn;

At the navy-yard, Brooklyn, New York: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, at one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Philadelphia;

At the navy-yard, Philadelphia, Pennsylvania: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, at one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Washington;

At the navy-yard, Washington, District of Columbia: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, at one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Norfolk;

At the navy-yard, Norfolk, Virginia: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, at one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Pensacola;

At the navy-yard, Pensacola, Florida: For clerk of store-houses, one thousand two hundred dollars.

Mare island.

At the navy-yard, Mare island, California: For draughtsman, one thousand six hundred dollars; clerk to chief engineer and store-clerk, one thousand four hundred dollars each; and time-clerk, one thousand two hundred dollars; in all, five thousand six hundred dollars.

Naval academy.

Pay of professors, assistants, teachers, &c.

*Naval Academy.* — For pay of professors and others: One professor of mathematics, two thousand five hundred dollars; four professors, namely, of mathematics, (assistant,) of French, of chemistry, and of ethics and English studies, at two thousand two hundred dollars each; twelve assistant professors, namely, four of French, one of Spanish, three of ethics and English studies, one of mathematics, one of astronomy, and two of drawing, at one thousand eight hundred dollars each; sword-master, at one thousand two hundred dollars, and two assistants, at one thousand dollars each; boxing-master and gymnast, one thousand two hundred dollars; assistant librarian, one thousand four hundred dollars, three clerks to superintendent, one at one thousand two hundred dollars, one at one thousand dollars, and one at eight hundred dollars; clerk to commandant of midshipmen and clerk to paymaster, at one thousand dollars each; apothecary, seven hundred and fifty dollars; commissary, two hundred and eighty-eight dollars; messenger to superintendent, six hundred dollars; cook, three hundred and twenty-five dollars and fifty cents; armorer, five hundred and twenty-nine dollars and fifty cents; quarter-

gunner, four hundred and nine dollars and fifty cents; gunner's mate, four hundred and sixty-nine dollars and fifty cents; cockswain, four hundred and sixty-nine dollars and fifty cents; three seamen, in departments of seamanship, at three hundred and forty-nine dollars and fifty cents each; band-master, five hundred and twenty-eight dollars; eighteen first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; two drummers and one fifer, (first-class,) at three hundred and forty-eight dollars each; in all, fifty-eight thousand five hundred and seventy-six dollars.

For pay of watchmen and others, thirty thousand six hundred and fifty-nine dollars and fifty cents.

Pay of watchmen, mechanics, and laborers.

For pay of mechanics and others, seventeen thousand four hundred and sixty-one dollars and ninety cents.

For pay of employees in the department of steam-enginery, for machinists, boiler-makers, and others, eight thousand seven hundred and sixty dollars.

Public buildings.

For repairs and improvements of public buildings, and for repairing the wall inclosing the grounds of the academy, fourteen thousand dollars.

For contingent expenses, sixty-four thousand dollars.

Term of classes at naval academy to be six years.

Provision to first apply to what class.

That from and after the thirtieth day of June, eighteen hundred and seventy-three, the term of the classes in the naval academy at Annapolis shall be six years, instead of four, as now provided by law, and this provision shall first apply to the class entering the academy in the year eighteen hundred and seventy-three, and to all subsequent classes.

Course for cadet-engineers to include what.

Engineer officers graduated at the naval academy to take precedence.

Pay of chief engineers.

No increase of pay to officers subject to examination, &c., until, &c.

Certain officers not entitled to examination until, &c.

Hereafter the course of instruction for cadet-engineers shall include two years of service in naval sea-steamers in addition to the period at the naval academy now provided by law: *Provided*, That engineer officers graduated at the naval academy shall take precedence with all other officers with whom they have relative rank, according to the actual length of service in the navy. Chief engineers having the same rank as medical and pay directors and inspectors shall, when at sea, have the same pay; that naval officers subject to examination before promotion to a grade limited in number by law shall not be entitled to examination in such a sense as to give increase of pay until designated by the Secretary of the Navy to fill vacancies in the higher grade; and officers eligible for promotion to a grade not limited in number shall not be entitled to examination until ordered to present themselves for examination or until a class, in which they are included, has been so ordered by the Secretary of the Navy.

Marine corps.

Pay and subsistence.

*Marine Corps.* — For pay and subsistence of officers of the marine corps, and for pay of non-commissioned officers, musicians, and others of the corps, three hundred and seventy-three thousand six hundred and thirty-nine dollars.

For pay and subsistence of two thousand privates, three hundred and seventy-four thousand dollars.

Provisions.

For provisions, one hundred and twenty-one thousand six hundred and thirty-six dollars and twenty-five cents.

Clothing.

For clothing, one hundred and sixty-seven thousand six hundred and thirty-six dollars.

Fuel.

For fuel, thirty thousand eight hundred and fifty-six dollars.

Military stores.

For military stores, namely: For pay of mechanics, repair of arms, purchase of accouterments, ordnance stores, flags, drums, fifes, and other instruments, ten thousand dollars.

Transportation.

For transportation of officers, and their servants, and troops, and for expenses of recruiting, twelve thousand dollars.

Barracks and rent of offices.

For repairs of barracks, and rent of offices, where there are no public buildings, ten thousand dollars.

Forage.

For forage for horses belonging to field and staff officers, six thousand dollars.

Hire of quarters.

For hire of quarters for officers where there are no public quarters, sixteen thousand five hundred dollars.

Contingent expenses.

For contingencies, namely: Freight; ferriage; toll; cartage; wharfage; purchase and repair of boats; labor; burial of deceased marines; stationery, telegraphing; apprehension of deserters; oil, candles, gas; repairs of gas and water fixtures; water-rent, barrack furniture; furniture for officers' quarters, bed-sacks, wrapping-paper, oil-cloth, crash, rope, twine, spades, shovels, axes, picks, carpenters' tools; repairs to fire-engines; purchase and repair of engine-hose; purchase of lumber for benches, mess-tables, bunks; repairs to public carryall; purchase and repair of harness; purchase and repair of hand-carts and wheel-barrows; scavengering; purchase and repair of galleys, cooking-stoves, ranges, stoves where there are no grates; gravel for parade-grounds, repair of pumps; brushes, brooms, buckets, paving, and for other purposes, twenty-five thousand dollars: *Provided*, That the Secretary of the Navy be, and he hereby is, authorized to make soundings between the western coast of the United States and Japan, for scientific purposes, and for the purpose of determining the practicability of laying a telegraph cable between those points: *Provided*, That no appropriation of money shall be made for such purpose: *And provided further*, That no money appropriated by this act shall be expended on account of vessels or naval engines contracted for during the war.

Soundings between west coast of the United States and Japan.

No appropriation.

No part for naval engines.

Appeals in prize cases; amendments, &c.

SEC. 2. That the Supreme Court may, if, in its judgment, the purposes of justice require it, allow any amendment, either in form or substance, of any appeal in prize cases, or allow a prize appeal therein, if it appears that any notice of appeal or of intention to appeal was filed with the clerk of the district court within thirty days next after the rendition of the final decree therein.

Acts of 1861, ch. 1, vol. xii. p. 329, 1864, ch. 152, vol. xiii. p. 420, not to be construed to retire any officer before he is sixty-two years of age.

SEC. 3. That the act of Congress approved December twenty-first, eighteen hundred and sixty-one, entitled "An act to further promote the efficiency of the navy," and the act approved June twenty-fifth, eighteen hundred and sixty-four, entitled "An act to amend the act of the twenty-first December, eighteen hundred and sixty-one, entitled 'An act to further promote the efficiency of the navy,'" shall not be hereafter construed to retire any officer before sixty-two years of age.

APPROVED, March 3, 1873.

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March 3, 1873.

CHAP. CCXXXI.— *An Act making Appropriations for the Service of the Post-office Department for the Year ending June thirtieth, eighteen hundred and seventy-four.*

Appropriations for Post-office Department.

*Be it enacted by the Senate and House of Representatives of the United States of America, in Congress assembled*, That the following sums be, and the same are hereby, appropriated for the service of the Post-office Department for the year ending June thirtieth, eighteen hundred and seventy-four, out of any moneys in the treasury arising from the revenues of said department, in conformity to the act of July second, eighteen hundred and thirty-six, as follows:

1836, ch. 270. Vol. v. p. 80.

Inland mails.

For inland mail transportation, fourteen million eight hundred and forty thousand and twenty dollars.

Messengers.

For pay of mail-messengers, six hundred and seven thousand one hundred and seven dollars.

Route-agents.

For pay of route-agents, eight hundred and eighty-four thousand seven hundred and ninety-six dollars.

Mail-route messengers.

For pay of mail-route messengers, one hundred and seventy-one thousand two hundred and sixty-five dollars.

Local agents.

For pay of local agents, ninety-five thousand one hundred and fifty-eight dollars.

Clerks.

For pay of railway post-office clerks, one million two hundred and fifty-seven thousand one hundred and fifty-seven dollars.