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CHAP. 391.—An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and for other purposes. Mar. 3, 1887.

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 eighty-eight, and for other purposes: Naval service appropriations.

PAY OF THE NAVY. Pay of the Navy.

For the pay of officers on sea duty; officers on shore and other duty; officers on waiting orders; officers on the retired list; Admiral's and Vice-Admiral's secretaries; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels, extra pay to men re-enlisting under honorable discharge; pay of petty officers, seamen, landsmen and boys, including men in the engineer's force and for the coast survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys, at the pay prescribed by law, in all seven million dollars. Officers, seamen, etc.

PAY, MISCELLANEOUS. Miscellaneous.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of apothecaries, yeomen and civilian employees, and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets; for rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library, including purchase of books and periodicals mail and express wagons, ferriage, tolls, and livery and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; canal tolls and pilotage; recovery of valuables from shipwrecks; quarantine expenses; reports, professional investigation, cost of special instruction at home or abroad, including maintenance of students and information from abroad, and the collection and classification thereof, and other necessary incidental expenses, two hundred and five thousand dollars.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate Bureaus or offices, at Washington, District of Columbia, seven thousand dollars. Extraordinary expenses.

BUREAU OF NAVIGATION. Bureau of Navigation.

NAVIGATION AND SUPPLIES: For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments; nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries of ships of war; naval signals and apparatus, namely, signal lights, lanterns, rockets, running-lights, drawings and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns Expenses and supplies.

and lamps, and their appendages, for general use on board ship, including those for the cabin, wardroom, and steerage, for the holds and spirit-room, for decks and quartermaster's use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running lights, chimneys and wicks, and soap used in the navigation department; photographic instruments and materials; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering signals and indicators, and speaking-tubes and gongs, for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war, in all eighty-three thousand five hundred dollars.

Ocean surveys.

OCEAN SURVEYS: For special ocean surveys, and the publication thereof, five thousand dollars.

Surveys of Mexican coast.

PUBLICATION OF SURVEYS OF MEXICAN COAST: For preparing and engraving on copper-plates the surveys of Mexican coast, five thousand dollars.

Contingent expenses.

CONTINGENT, BUREAU OF NAVIGATION: For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials; postage and telegraphing on public business; advertising for proposals; packing-boxes and materials; furniture, stationery, and fuel for navigation offices at navy-yards; and all other contingent expenses, five thousand dollars.

Civil establishment.

CIVIL ESTABLISHMENT, BUREAU OF NAVIGATION: Navy-yard, New York.

New York.

New York: For one clerk, at one thousand four hundred dollars; one writer, at one thousand dollars; one storekeeper, at nine hundred dollars; one master of tugs, at one thousand five hundred dollars;

Portsmouth.

Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand dollars;

Norfolk.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Washington.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand dollars;

Mare Island.

Navy-yard, Mare Island, California: For one clerk, at one thousand dollars; in all nine thousand dollars. And no other fund appropriated by this act shall be used in payment for such services.

Bureau of Ordnance.

BUREAU OF ORDNANCE.

Material and supplies.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel tools, material, and labor to be used in the general work of the Ordnance Department; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance battery and proving ground, one hundred and twenty thousand four hundred dollars of which sum twenty thousand four hundred dollars, or so much thereof as may be necessary, may be used, in the discretion of the Secretary of the Navy,

Steel cannon.

for the purchase and completion of three steel-cast, rough-bored and turned, six-inch, high-power rifle cannon, of domestic manufacture, one of which shall be of Bessemer steel, one of open hearth steel, and one

Proviso.

of crucible steel: *Provided*, That the castings for said cannon shall not be paid for until the cannon shall have been completed and have successfully stood the statutory test required by the act of July twenty-

Tests.

Laws 1st session 49th Congress, p. 151.

sixth, eighteen hundred and eighty-six, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-seven, and for other purposes."

Armament.

For proof of naval armament, six thousand dollars.

Proving.

For purchase of land for proving and ranging ground for naval guns, and for constructing buildings, butts, shelters, and batteries, forty thousand dollars.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other objects of the like character, fifteen thousand dollars. Repairs.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Freight to foreign and home stations; advertising; cartage, and express charges; repairs to fire engines; gas and water pipes; gas and water tax at magazines; toll, ferriage, foreign postage, and telegrams to and from the Bureau, five thousand dollars. Contingent expenses.

CIVIL ESTABLISHMENT, BUREAU OF ORDNANCE: For the civil establishment under the Bureau of Ordnance, namely: Civil establishment.

Navy-yard, Portsmouth, New Hampshire: For one writer (when required), five hundred dollars; Portsmouth.

Navy-yard, Boston, Massachusetts: For one writer (when required), five hundred dollars; Boston.

Navy-yard, New York, For one clerk, at one thousand four hundred dollars; New York.

Navy-yard, Washington, District of Columbia: For one clerk, at one thousand six hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; one draughtsman, at one thousand five hundred and forty-five dollars; three draughtsmen, at one thousand and eighty-one dollars each; one assistant draughtsman, at seven hundred and seventy-two dollars; one foreman, at two thousand one hundred and fifty-six dollars; two copyists at seven hundred and twenty dollars each; one telegraph operator, at nine hundred dollars; Washington.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars; Norfolk.

Navy-yard, Mare Island, California: For one writer, at one thousand and seventeen dollars and twenty-five cents; Mare Island.

Naval ordnance proving ground: For one writer, at one thousand and seventeen dollars and twenty-five cents; Proving-ground.

Torpedo station, Newport, Rhode Island: For one chemist, at two thousand five hundred dollars; one clerk, at one thousand two hundred dollars; one draughtsman, at one thousand five hundred dollars; in all, twenty-four thousand three hundred and forty-two dollars and twenty-five cents. And no other fund appropriated by this act shall be used in payment for such service. Torpedo station.

TORPEDO CORPS: For labor, material, freight, and express charges; general care of and repairs to grounds, buildings, wharves; boats; instruction; instruments, tools, furniture, experiments, and general torpedo outfits, fifty thousand dollars; extension to electrical laboratory, three thousand dollars; ponton, eight hundred dollars; repairs to sea-wall three thousand dollars; water-pipe from Newport to station, one thousand dollars; in all, fifty-seven thousand eight hundred dollars. Torpedo Corps, expenses.

To enable the Secretary of the Navy to purchase the steamer Stiletto for use as a torpedo boat for experimental purposes, twenty-five thousand dollars. Purchase of Stiletto.

BUREAU OF EQUIPMENT AND RECRUITING.

Bureau of Equipment and Recruiting.

EQUIPMENT OF VESSELS: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, and other materials for the manufacture of rope and cordage; iron for the manufacture of anchors, cables, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; water for steam launches; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, six hundred and twenty-five thousand dollars. Equipment of vessels.

TRANSPORTATION AND RECRUITING: For expenses of recruiting for the naval service, rent of rendezvous and expenses of maintaining the same, advertising for men and boys and all other expenses attending Recruiting.

the recruiting for the naval service and for the transportation of enlisted men and boys at home and abroad, twenty-five thousand dollars.

Contingent expenses.

CONTINGENT BUREAU OF EQUIPMENT AND RECRUITING: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage on letters sent abroad, ferriage, ice, apprehension of deserters and stragglers, continuous-service certificates, good-conduct badges, and libraries for enlisted men, school-books for training-ships, medals for boys, and emergencies arising under cognizance of the Bureau of Equipment and Recruiting unforeseen and impossible to classify, fifteen thousand dollars.

Civil establishment.

CIVIL ESTABLISHMENT, BUREAU OF EQUIPMENT AND RECRUITING:

Portsmouth.

Navy-yard, Portsmouth, New Hampshire: For one clerk, at one thousand two hundred dollars;

Boston.

Navy-yard, Boston, Massachusetts: For one superintendent of rope-walk, at one thousand eight hundred and seventy-five dollars; one clerk, at one thousand four hundred dollars; one clerk at one thousand three hundred dollars; one writer, at nine hundred and fifty dollars;

New York.

Navy-yard, New York: For one clerk at one thousand two hundred dollars;

League Island.

Navy-yard, League Island, Pennsylvania: For one clerk at one thousand two hundred dollars;

Norfolk.

Navy-yard, Norfolk, Virginia: For one clerk, at one thousand two hundred dollars;

Mare Island.

Navy-yard, Mare Island, California: For one clerk, at one thousand two hundred dollars; in all, eleven thousand five hundred and twenty-five dollars. And no other fund appropriated by this act shall be used in payment for such services.

Bureau of Yards and Docks.

BUREAU OF YARDS AND DOCKS.

General maintenance.

MAINTENANCE OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For freight and transportation of materials and stores; books, maps, models, and drawings; purchase and repair of fire-engines; machinery; repairs on steam fire-engines and attendance on the same; purchase and maintenance of oxen and horses and driving teams; carts and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; postage on letters and other mailable matter on public service sent to foreign countries, and telegrams; stationery; 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; for incidental labor at navy-yards; water-tax and tolls and ferriage; rent of four officers' quarters at Philadelphia, Pennsylvania; for pay of watchmen in navy-yards, and for awnings and and packing-boxes, and advertising for yards and docks purposes, one hundred and seventy thousand dollars.

Public works at navy-yards.

PUBLIC WORKS: For rebuilding wharves at navy-yard, Boston, Massachusetts, twenty-five thousand dollars;

For rebuilding floating-gate, dry-dock, Boston, Massachusetts, to be immediately available, thirty-one thousand dollars;

For two timber dry-docks, to be located at such navy-yards as the Secretary of the Navy may indicate, each dock to be not less than four hundred and eighty feet in length, the cost of the two docks not to exceed in the aggregate the amount herein appropriated, one million one hundred thousand dollars;

For railroad extension in the navy-yard at Norfolk, Virginia, and engine-house, twenty thousand dollars;

For cisterns at the navy-yard at Mare Island, California, forty-six thousand three hundred and sixty-four dollars;

For repairs and preservation at navy-yards, four hundred and fifty thousand dollars; Repairs and preservation.

Naval Training Station, Coaster's Harbor Island, Rhode Island: For extending wharf and dredging; repairs to main causeway, sea-wall, roads, buildings, and grounds, and the necessary labor and implements required for the proper preservation of the same; for repairs and improvements on buildings; heating, lighting, and furniture for same; books and stationery; freight and other contingent expenses; purchase of food and maintenance of horses and mail-wagon, and attendance on same, fourteen thousand dollars. Naval Training Station. Repairs, etc.

For continuing the erection of the new Naval Observatory authorized by the act of Congress approved July twenty-sixth, eighteen hundred and eighty six, sixty thousand dollars, of which sum ten thousand dollars may be used for the purchase of a new meridian circle. Said observatory shall not cost more than four hundred thousand dollars and no work shall be done thereon except under a contract which shall provide for the completion of the same, upon plans previously adopted, for a sum not exceeding said limit of cost hereby affixed; in all, one million seven hundred and thirty-two thousand three hundred and sixty-four dollars. New Naval Observatory. Continuing erection.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars. Contingent expenses.

CIVIL ESTABLISHMENT, BUREAU OF YARDS AND DOCKS: Navy-yard, Portsmouth, New Hampshire: For one clerk to civil engineer, at one thousand four hundred dollars; one mail-messenger, at six hundred dollars per annum; one messenger, at six hundred dollars per annum; one foreman-laborer, at four dollars per diem; one pilot, at three dollars per diem; Civil establishment. Portsmouth.

Navy-yard, Boston, Massachusetts: For one clerk to civil engineer, at on thousand four hundred dollars; one foreman laborer, at four dollars per diem; one messenger to commandant, at one dollar and seventy-six cents per diem; one messenger to civil engineer, at one dollar and seventy-six cents per diem; one mail-messenger, at six hundred dollars per annum; Boston.

Navy-yard, Brooklyn, New York: For one clerk to civil engineer, at one thousand four hundred dollars; one writer at one thousand and seventeen dollars and twenty-five cents; one foreman-laborer at four dollars and fifty cents per diem; one one mail messenger, at six hundred dollars per annum; one messenger to commandant, at two dollars and fifty cents per diem; one messenger to captain, at two dollars and twenty-five cents per diem; one messenger to yards and docks, at two dollars per diem; one draughtsman, at five dollars per diem; one quarterman, at four dollars per diem; New York.

Navy-yard, League Island, Pennsylvania: For one clerk to civil engineer, at one thousand four hundred dollars; one messenger to commandant, at two dollars per diem; one foreman-laborer, at four dollars per diem; League Island.

Navy-yard, Washington, District of Columbia: For one clerk to civil engineer, at one thousand four hundred dollars; one messenger, at one dollar and seventy-six cents per diem; one foreman laborer, at three dollars and fifty cents per diem; Washington.

Navy-yard, Norfolk, Virginia: For one clerk to civil engineer, at one thousand four hundred dollars; one writer at one thousand and seventeen dollars and twenty-five cents, one foreman-laborer at four dollars per diem; three messengers, at two dollars per diem each; one pilot, at two dollars and twenty-six cents per diem; Norfolk.

Navy-yard, Pensacola, Florida: For one clerk to civil engineer, at one thousand two hundred dollars · one mail messenger, at six hundred dollars per annum. Pensacola.

Navy-yard, Mare Island, California: For one clerk to civil engineer, at one thousand four hundred dollars, one writer at one thousand and Mare Island.

seventeen dollars and twenty-five cents; one foreman-mason, at six dollars per diem one foreman-laborer at five dollars and fifty cents per diem; one pilot, at four dollars and eighty cents per diem; one draughtsman, at five dollars per diem; one mail-messenger at two dollars and seventy four cents per diem; one messenger at two dollars and twenty cents per diem; one messenger and lamp lighter, at two dollars and twenty cents per diem; one bell-ringer. at two dollars and twenty-six cents per diem;

Sackett's Harbor Naval Station.

Naval Station, Sacketts Harbor: For one ship-keeper, at one dollar per diem; in all, forty-five thousand seven hundred and forty-nin dollars and nine cents. And no other fund appropriated by this act shall be used in payment for such services.

Naval Asylum, Philadelphia. Expenses.

NAVAL ASYLUM, PHILADELPHIA, PENNSYLVANIA: For one superintendent, at six hundred dollars; one steward, at four hundred and eighty dollars; one matron, at three hundred and sixty dollars; one chief cook, at two hundred and forty dollars; two assistant cooks, at one hundred and sixty-eight dollars each; one chief laundress, at one hundred and ninety-two dollars; six laundresses at one hundred and sixty-eight dollars each; four scrubbers, at one hundred and sixty-eight dollars each; eight waiters at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; one stable keeper and driver, at three hundred and sixty dollars; one master-at-arms, at four hundred and eighty dollars; two house corporals, at three hundred dollars each, one barber, at three hundred and sixty dollars; one carpenter, at eight hundred and forty-five dollars;

Water-rent and gas, one thousand eight hundred dollars; cemetery, burial expenses and headstones, three hundred and fifty dollars; improvements of grounds, five hundred dollars; repairs to buildings furnaces, grates ranges, furniture, and repairs of furniture, four thousand five hundred dollars; music in chapel, six hundred dollars;

Support of inmates.

For support of beneficiaries, forty-six thousand one hundred dollars; in all sixty-three thousand one hundred and sixty-seven dollars, which sum shall be out of the income from the naval pension fund.

Bureau of Medicine and Surgery.

BUREAU OF MEDICINE AND SURGERY.

Surgeons' necessaries, etc.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and and coast survey, and for the civil establishment at the several naval hospitals, navy yards, naval laboratory. museum of hygiene, and naval academy fifty-seven thousand five hundred dollars.

Naval hospital.

NAVAL-HOSPITAL FUND: For maintenance of the naval hospitals at the various navy-yards and stations, thirty thousand dollars.

Sanitarium, Widow's Island, Me.

NAVAL HOSPITAL AND SANITARIUM: For the construction of a naval hospital and sanitarium, and wharf for landing, on Widow's Island, Penobscot Bay, Maine, fifty-thousand dollars, to be immediately available; said sum to be in full for all expenses of erecting and furnishing said sanitarium, including all necessary improvements on the island.

Contingent expenses.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For freight or expressage on medical stores, toll, ferriages, transportation of sick and insane patients; care, transportation, and burial of the dead; advertising; telegraphing; rent of telephones; purchase of books and stationery; postage and purchase of stamps for foreign service; expenses attending the medical board of examiners; rent of rooms for naval dispensary and museum of hygiene; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons and harness; purchase of feed for horses and cows, trees, plants, garden tools, and seeds; furniture and incidental articles for the museum of hygiene; naval dispensary, Washington; naval laboratory, sick quarters at Naval Academy and dispensaries at navy yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick quarters

at Naval Academy, dispensaries at navy-yards and ships and rendezvous, and all other necessary contingent expenses, twenty-five thousand dollars.

REPAIRS, BUREAU OF MEDICINE AND SURGERY: For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, side-walks fences, gardens, farms, and cemeteries, fifteen thousand dollars. Repairs.

For the improvement of the naval-hospital park at Portsmouth, Virginia, five thousand dollars. Naval hospital, Portsmouth, Va.

BUREAU OF PROVISIONS AND CLOTHING. Bureau of Provisions and Clothing.

For provisions for the seamen and marines; commuted rations for officers, naval cadets, seamen, and marines; commuted rations stopped on account of sick in hospital and credited to the hospital fund; water for drinking and cooking purposes on board ships; and for labor and expenses of inspections, in all one million one hundred and twenty-one thousand dollars. Provisions and clothing.

CONTINGENT EXPENSES: For freight on shipments, candles, fuel books and blanks, stationery, advertising, furniture for inspections and pay-offices in the navy-yards expenses of naval-clothing factory, and machinery for same; foreign postage, telegrams, express charges, tolls, ferriages, yeoman's stores, iron safes, newspapers, ice and incidental expenses absolutely necessary, fifty thousand dollars; and to pay the expenses of consolidating and arranging under orders of the Secretary of the Navy, the stores and other property of the United States under control of the Department of the navy, to be immediately available, twenty thousand dollars, or so much thereof as may be necessary. Contingent expenses. Consolidating, etc., stores.

For the civil establishment, to include clerks, firemen, writers, receivers, assistant receivers, messengers, leading men and pressmen in inspection office, superintendent of coffee and spice mill, box-maker, coffee-roaster, engine-tender teamster, telephone-operating, cutter, machine-operator, and laborers seventy thousand dollars. And no other fund appropriated by this act shall be used in payment for such services. Civil establishment.

BUREAU OF CONSTRUCTION AND REPAIR. Bureau of Construction and Repair.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; for steam-steerers, pneumatic steerers, steam-capstans, steam-windlasses, and other steam auxiliaries; labor in navy-yards and on foreign stations; purchase of machinery and tools for use in shops; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses, such as advertising, freight, foreign postages, telegrams, photographing, books, plans, stationery, and instruments for drawing-room, nine hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home: *Provided further*, That the Secretary of the Navy shall sell the New York, under the laws and regulations applicable to the sale of condemned property in the Navy Department. Preservation, repair, etc., of vessels. Contingent expenses. *Provisos.* Limit of repairs. Sale of condemned property.

For repair on the Hartford, Kearsage, Trenton Swatara, Thetis, Richmond, Nipsic, and Enterprise or such of said vessels as the Secretary of the Navy may deem advisable, two hundred thousand dollars, to be immediately available. Repair to certain vessels.

Civil establishment. Portsmouth.

CIVIL ESTABLISHMENT, BUREAU OF CONSTRUCTION AND REPAIR: Navy yard, Portsmouth, New Hampshire: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Boston.

Navy-yard Boston, Massachusetts: For one clerk to naval constructor, at one thousand four hundred dollars; one writers, at one thousand and seventeen dollars and twenty-five cents.

New York.

Navy-yard, Brooklyn, New York: For one clerk to naval constructor, at one thousand four hundred dollars; three writers, at one thousand and seventeen dollars and twenty-five cents each;

League Island.

Navy-yard, League Island, Pennsylvania: For one clerk to naval constructor, at one thousand four hundred dollars;

Washington.

Navy-yard, Washington, District of Columbia: For one clerk to naval constructor, at one thousand four hundred dollars;

Norfolk.

Navy-yard, Norfolk, Virginia: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each;

Pensacola.

Navy-yard, Pensacola, Florida: For one writer, at one thousand and seventeen dollars and twenty-five cents;

Mare Island.

Navy-yard, Mare Island, California: For one clerk to naval constructor, at one thousand four hundred dollars; two writers, at one thousand and seventeen dollars and twenty-five cents each; in all, twenty thousand nine hundred and eighty-nine dollars and seventy-five cents. And no other fund appropriated by this act shall be used in payment of such services.

Bureau of Steam-Engineering.

BUREAU OF STEAM-ENGINEERING.

Completion, etc., of machinery, boilers, etc.

STEAM MACHINERY: For completion, repairs, and preservation of machinery and boilers of naval vessels, including cost of new boilers, for preservation of and small repairs to machinery and boilers in vessels in ordinary, receiving and training vessels, repair and care of machinery of yard tugs and launches; for purchase, handling and preservation of materials and stores; for purchase, fitting, repair, and preservation of machinery and tools in the navy-yards and stations; running yard engines; for incidental expenses for naval vessels, yards, and the Bureau, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, six hundred and seventy-five thousand dollars: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power; but nothing herein contained shall prevent the repair or building of boilers for wooden ships, the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and materials.

Contingent expenses.

Proviso.
Limit of repairs.

Drawing materials, etc.

CONTINGENT, BUREAU OF STEAM-ENGINEERING: For contingencies, drawing materials, and instruments for the draughting-room, five hundred dollars.

Civil establishment. Portsmouth.

CIVIL ESTABLISHMENT, BUREAU OF STEAM-ENGINEERING: Navy-yard, Portsmouth, New Hampshire: For clerk to department, at one thousand two hundred dollars; messenger, at six hundred dollars;

New York.

Navy-yard, Brooklyn, New York: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; assistant draughtsman, at one thousand two hundred dollars;

League Island.

Navy-yard, League Island, Pennsylvania: For clerk to department, at one thousand two hundred dollars;

Norfolk.

Navy-yard, Norfolk, Virginia: For clerk to department, at one thousand three hundred dollars; assistant draughtsman, at one thousand one hundred dollars; messenger, at six hundred dollars;

Navy-yard, Pensacola, Florida: For writer, at one thousand dollars; Pensacola.
Navy-yard, Mare Island, California: For clerk to department, at one thousand four hundred dollars; draughtsman, at one thousand five hundred dollars; messenger, at six hundred dollars; writer, at one thousand dollars; in all, seventeen thousand two hundred dollars. And no other fund appropriated by this act shall be used in payment for such services. Mare Island.

NAVAL ACADEMY. Naval Academy.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: For one professor of mathematics and one of physics, at two thousand five hundred dollars each, five thousand dollars; three professors (assistants), namely, one of chemistry, one of French and Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each, six thousand six hundred dollars; five assistant professors, namely, one of English studies, history, and law, three of French, and one of drawing, at one thousand eight hundred dollars each, nine thousand dollars; one sword-master, at one thousand five hundred dollars, and two assistants at one thousand dollars each; one boxing-master and gymnast, at one thousand two hundred dollars; one assistant librarian, at one thousand four hundred dollars; one secretary of the Naval Academy, at one thousand eight hundred dollars, three clerks to the superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively, three thousand dollars; one clerk to commandant of cadets, at one thousand two hundred dollars; one clerk to paymaster, at one thousand dollars; one dentist, at one thousand six hundred dollars; one baker, at six hundred dollars; one mechanic in department of physics and chemistry, at seven hundred and thirty dollars; one cook, at three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, at six hundred dollars; one armorer, at five hundred and twenty-nine dollars and fifty cents; one gunner's mate, at four hundred and sixty-nine dollars and fifty cents; one quarter-gunner, at four hundred and nine dollars and fifty cents; one cockswain, at four hundred and sixty-nine dollars and fifty cents; one seaman in department of seamanship, at three hundred and forty-nine dollars and fifty cents; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each, six hundred dollars; six attendants at recitation-rooms, library, store, chapel, and offices, at three hundred dollars each, one thousand eight hundred dollars; one band-master, at five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each, seven thousand three hundred and eight dollars; seven second-class musicians, at three hundred dollars each, two thousand one hundred dollars; in all fifty-two thousand one hundred and nineteen dollars. Pay of professors and others.

For special course of study and training of naval cadets, as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars. Special training, naval cadets. Vol. 22, p. 285.

PAY OF WATCHMEN, MECHANICS AND OTHERS, NAVAL ACADEMY: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of gas and steam-heating works of the Academy, at five dollars per day; labor at gas-works and steam-buildings; for masons, carpenters, and other mechanics, and laborers for care of buildings, grounds, wharves, and boats, thirty-seven thousand eight hundred and sixty-four dollars and ninety-five cents; one attendant in the purifying-house of the gas-house, at one dollar and fifty cents per day, five hundred and forty-nine dollars; in all, forty-four thousand and eighty-six dollars and ninety-five cents. Watchmen, mechanics, etc.

PAY OF STEAM-EMPLOYEES, NAVAL ACADEMY: For pay of mechanics and others in department of steam-engineering, seven thousand eight hundred and twenty-four dollars and fifty cents. Employees, department of steam-engineering.

Total. Total pay for Naval Academy, one hundred and nine thousand and thirty dollars and forty-five cents.

Repairs, etc. REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: Necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars.

Heat and lights. HEATING AND LIGHTING, NAVAL ACADEMY: Fuel, and for heating and lighting the Academy, and school-ships, seventeen thousand dollars.

Contingent expenses. CONTINGENT, NAVAL ACADEMY: Purchase of books for the library, two thousand dollars; stationery, blank-books, models, maps, and for text-books for use of instructors, two thousand dollars; expenses of

Board of visitors. the Board of Visitors to the Naval Academy, being for mileage and five dollars per diem for each member for expenses during actual attendance at the Academy, one thousand five hundred dollars; purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars; purchase of gas and steam-machinery, steam-pipe and fittings, rent of buildings for the use of the Academy, freight,

Chemicals, etc.

Miscellaneous. cartage, water, music, musical and astronomical instruments, uniforms for the bandsmen, telegraphing, for feed and maintenance of teams, for current expenses and repairs of all kinds, and for incidental labor and expenses not applicable to any other appropriation, thirty-two thousand dollars; stores in the department of steam-engineering, eight hundred dollars; materials for repairs in steam-machinery, one thousand dollars; repairs to wharves, three thousand dollars; boat-house for steam-launches, five thousand dollars; addition to library building, seven thousand dollars; in all, fifty-six thousand eight hundred dollars.

Total for Naval Academy, two hundred and three thousand eight hundred and thirty dollars and forty-five cents.

Marine Corps.

MARINE CORPS.

Pay of officers, active list. PAY, MARINE CORPS: For pay of officers on the active list: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one paymaster, one quartermaster, four majors, two assistant quartermasters, one judge-advocate general United States Navy, nineteen captains, thirty first lieutenants, and seventeen second lieutenants, one hundred and eighty-four thousand six hundred and ten dollars;

Retired officers. For pay of officers on the retired-list: For one colonel, one quartermaster, three majors, two assistant quartermasters, six captains, one first lieutenant, and three second lieutenants, thirty-five thousand and seventy dollars;

Non-commissioned officers, privates, etc. For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty thousand dollars;

Retired enlisted men. For pay of retired enlisted men: For one sergeant-major, one drum-major, one first sergeant, four sergeants, one first-class musician, two drummers, one fifer, and five privates, four thousand nine hundred and forty-seven dollars and eighty-eight cents;

Clerks, etc. For pay of civil force: For ten clerks and two messengers, sixteen thousand and thirty-five dollars;

Undrawn clothing. For undrawn clothing: For payment to discharged soldiers for clothing undrawn, twenty thousand dollars;

Travelling. For transportation: For transportation of officers traveling under orders without troops, seven thousand dollars;

Commutation of quarters. Commutation of quarters: For commutation of quarters for officers on duty without troops where there are no public quarters, four thou-

sand dollars; in all, six hundred and fifty-one thousand six hundred and sixty-two dollars and eighty-eight cents.

PROVISIONS, MARINE CORPS: For one thousand non-commissioned officers, musicians, and privates, three hundred and sixty-six days, at one ration per day, three hundred and sixty-six thousand rations, at sixteen cents per ration; Provisions.

Difference between the cost of rations at sixteen cents and commutation at one dollar for one enlisted man employed as clerk to colonel commandant, three hundred and sixty-six days, three hundred and sixty-six rations at eighty-four cents per ration; Commutation of rations.

Difference between the cost of rations at sixteen cents and commutation at seventy-five cents for nine enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster and quartermaster's offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, and San Francisco, California, three hundred and sixty-six days, three thousand two hundred and ninety-four rations, at fifty-nine cents per ration;

Difference between the cost of rations at sixteen cents and commutation at fifty cents for three enlisted men employed as above, three hundred and sixty-six days, one thousand and ninety-eight rations, at thirty-four cents per ration;

Amount required to be transferred to paymaster Marine Corps on account of rations to retired men, seventeen men, at fifty-seven dollars and fourteen cents per annum; in all, fifty-eight thousand dollars. Rations to retired men.

CLOTHING MARINE CORPS: For two thousand non-commissioned officers, musicians, and privates, at thirty-seven dollars and sixty cents actual cost per annum, sixty thousand dollars. Clothing.

For fuel, Marine Corps, eighteen thousand dollars. Fuel.

MILITARY STORES, MARINE CORPS: For pay of chief armorer, at three dollars per day, nine hundred and forty-two dollars; three mechanics, at two dollars and fifty cents each per day, two thousand three hundred and fifty-five dollars; in all, three thousand two hundred and ninety-seven dollars; Military stores.

For purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, drums, trumpets, flags, waist-belts, waist-plates, cartridge-belts, and spare parts for repairing muskets, five thousand dollars; Equipments.

For purchase of ammunition, one thousand dollars; Ammunition.

Purchase and repair of instruments for band, purchase of music and musical accessories, five hundred dollars; in all, nine thousand seven hundred and ninety-seven dollars. Band, etc.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and the expenses of recruiting service, nine thousand dollars. Transportation, etc.

FOR REPAIR OF BARRACKS: At Portsmouth, New Hampshire; Boston, Massachusetts; Brooklyn, New York; League Island, Pennsylvania; Annapolis, Maryland; head-quarters and navy-yard, Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; and Mare Island, California; and per diem to enlisted men employed, under the direction of the Quartermaster's Department, on the repair of barracks and other public buildings, nine thousand dollars; for the erection officers' quarters at navy-yard, Mare Island, California (appropriation to be immediately available), fifteen thousand dollars, or so much thereof as may be necessary; and no more than said sum shall be expended for the erection and completion of said quarters, and no contract therefor shall be valid which shall not provide for the completion thereof for a sum within this appropriation; repairs of barracks, Mare Island, California, two thousand dollars; introducing steam-heating apparatus in marine barracks, Portsmouth, New Hampshire, as per estimates, one thousand seven hundred and fifty dollars; rent of buildings used for manufacture of clothing, storing supplies, and offices of assistant quartermasters, Philadelphia, Pennsylvania, and San Francisco, Repairs of barracks, rent, etc. Mare Island, available.

California, one thousand seven hundred and eighty dollars; in all, twenty-nine thousand five hundred and thirty dollars.

Forage.

FORAGE, MARINE CORPS: For forage in kind for four horses of the quartermaster's department, and the authorized number of officers' horses, four thousand dollars.

Contingent expenses.

CONTINGENT, MARINE CORPS: For freight, ferriage, toll, cartage, funeral expenses of marines, stationery, telegraphing, rent of telephone, purchase and repair of type-writers, apprehension of deserters, repair of gas and water fixtures, office and barrack furniture, mess utensils for enlisted men, such as bowls, plates, spoons, knives, forks, packing-boxes, wrapping-paper, oil-cloth, crash, rope, twine, camphor and carbolized paper, carpenters' tools, tools for police purposes, iron safe, purchase and repair of public wagons, purchase and repair of harness, purchase of public horses, services of veterinary surgeons and medicine for public horses, purchase and repair of hose, repair of fire extinguishers, purchase of fire hand grenades, purchase and repair of carts and wheelbarrows, purchase and repair of cooking-stoves, ranges, stoves where there are no grates, purchase of ice, towels, and soap for offices, postage-stamps for foreign postage, purchase of newspapers and periodicals, improving parade-grounds, repair of pumps and wharves, laying drain and water pipe, introducing gas, and for gas and oil for marine barracks maintained at the various navy-yards and stations, water at the marine barracks, Boston, Massachusetts; Brooklyn, New York; Annapolis, Maryland; Mare Island, California; also straw for bedding for enlisted men at the various posts, furniture for Government horses and repair of same, and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, twenty-six thousand, three hundred and twenty-two dollars and two cents.

Hire of quarters.

HIRE OF QUARTERS, MARINE CORPS: For hire of quarters for officers serving with troops where there are no public quarters, belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, four thousand five hundred dollars.

For hire of quarters for seven enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster and quartermaster's offices, Washington, District of Columbia, and assistant quartermasters' offices Philadelphia, Pennsylvania, and San Francisco, California, twenty-one dollars per month each, one thousand seven hundred and sixty-four dollars.

For hire of quarters for three enlisted men employed as above, at ten dollars each per month, three hundred and sixty dollars; in all, six thousand six hundred and twenty-four dollars.

Total.

Total for the Marine Corps, eight hundred and seventy-two thousand nine hundred and thirty-five dollars and ninety cents.

Increase of the Navy.

INCREASE OF THE NAVY.

Two steel gunboats and two steel cruisers authorized.

SEC. 2. That for the purpose of increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract two steel gun boats each of about seventeen hundred tons displacement; of the type of gunboat number one; at a cost, exclusive of armament, of not more than five hundred and fifty thousand dollars each, two steel cruisers to be provided with such armament for each as the Navy Department may deem suitable. The cost of both of said cruisers in the aggregate, complete, exclusive of armament, and excluding any premiums that may be paid for speed for the same shall not be more than three million dollars. The sum of one million five hundred thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated toward the construction of said vessels.

That in the construction of the aforesaid vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to material for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of and proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, so far as the same relate to vessels constructed under contract, save that in all their parts they shall be of domestic manufacture. The contracts for the construction of said cruisers shall contain provisions to the effect that the contractor guarantees that when completed and tested for speed, under conditions to be prescribed by the Navy Department, the vessel shall exhibit a maximum speed of at least nineteen knots per hour; and for every quarter knot of speed so exhibited above said guarantee the contractor shall receive a premium over and above his contract-price of fifty thousand dollars, and for every quarter knot that said vessel fails of reaching said guaranteed speed there shall be deducted from the contract-price the sum of fifty thousand dollars.

Provisions of Chap. 849 Statutes, 1st sess., 49th Cong., p. 215, to be observed.

Contracts.

Premiums for speed.

In making proposals for contracts for building the vessels authorized to be constructed under this act, it shall be required that one of such vessels shall be built on or near the coast of the Pacific Ocean, or the waters connecting therewith, one of them on or near the coast of the Gulf of Mexico, or the waters connecting therewith, and two of them on or near the coast of the Atlantic Ocean, or the waters connecting therewith, and at such places on or near such coasts or waters as the Secretary of the Navy shall approve.

Place of building.

If it shall appear to the satisfaction of the President of the United States, from the biddings for said contracts, when the same are opened and examined by him, that said vessels cannot be constructed at a fair cost on or near the coast of the Pacific Ocean or the Gulf of Mexico, he shall authorize the construction of said vessels or either of them elsewhere in the United States. And the Secretary of the Navy is hereby authorized to readvertise for the construction of cruiser number one, known as "The Newark," and the limit of cost of said vessel is hereby extended to one million three hundred thousand dollars, exclusive of armament.

President may designate place of construction.

Readvertisement for construction of Newark.

SEC. 3. That for the purpose of further increasing the naval establishment of the United States, the sums of money hereinafter named are hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be expended by the President, in the exercise of his discretion, upon plans and specifications, to be furnished by the Navy Department:

Further increase.

For floating batteries or rams, or other naval structures, to be used for coast and harbor defense, one million dollars. The final cost of said floating batteries, rams, or other naval structures, exclusive of armament, shall not exceed two million dollars.

Floating batteries.

For the purchase of, and the trial and testing of torpedoes and appliances using explosives to be operated from naval vessels, floating batteries, or rams, fifty thousand dollars, which sum shall be immediately availabe.

Torpedoes.

That the material used in all naval structures provided for in this act, and the armament for the same shall be, so far as practicable, of American production and furnished and manufactured in the United States, and all contracts made for their construction shall be under the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment:" *Provided*, That the Secretary of the Navy may employ and pay out of appropriations for new ships such civilian expert aids, additional draughtsmen, writers, copyists, and model-makers on the designs therefor as may be necessary.

Material, etc., to be of American manufacture.

Laws 1st sess. 49th Cong., p. 215.

Proviso.

Completion of double turreted monitors, etc. Vol. 23, p. 433. Laws 1st sess. 49th Cong., p. 215.

SEC. 4. For expenditure towards the construction and completion (exclusive of armament) of the five double-turreted monitors, the four vessels authorized by the act of March third, eighteen hundred and eighty-five, and the vessels authorized by the act of August third, eighteen hundred and eighty-six, two million four hundred and twenty thousand dollars.

Armament.

Towards the armament, of domestic manufacture, for the vessels authorized by the act of March third, eighteen hundred and eighty-five, of the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty-six, of the unfinished monitors mentioned in section three of the same act, and of the Miantonomoh, and of the vessels authorized by this act, two million one hundred and twenty-eight thousand three hundred and sixty-two dollars.

Armor and gun steel.

Towards procuring, testing, and delivering the armor and gun steel for the vessels authorized by section one of the act of August third, eighteen hundred and eighty-six, and the unfinished monitors mentioned in section three of the same act, and the vessels authorized by this act, four million dollars: *Provided*, Said armor and gun steel shall be of domestic manufacture.

Proviso. To be of domestic manufacture.

Approved, March 3, 1887.

Mar. 3, 1887.

CHAP. 392.—An act making appropriations for the legislative, executive, and judicial expenses of the Government for the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and for other purposes.

Legislative, executive, and judicial expenses appropriations.

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, out of any money in the Treasury not otherwise appropriated, in full compensation for the service of the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, for the objects hereinafter expressed, namely:

Legislative.

LEGISLATIVE.

Senate.

SENATE.

Pay of Senators.

For compensation of Senators, three hundred and eighty thousand dollars.

Mileage.

For mileage of Senators, thirty-three thousand dollars.

Salaries.

For compensation of the officers, clerks, messengers, and others in the service of the Senate, three hundred and forty-two thousand nine hundred and ninety-two dollars and eighty-two cents, namely:

Vice-Presidents' office, secretary, etc.

OFFICE OF THE VICE-PRESIDENT.—For secretary to the Vice-President, or, in case of the death or inability of the Vice President, to the President of the Senate, two thousand two hundred and twenty dollars; for messenger, to be appointed by the President of the Senate, one thousand four hundred and forty dollars; telegraph operator, one thousand two hundred dollars; in all, four thousand eight hundred and sixty dollars.

Chaplain.

For Chaplain of the Senate, nine hundred dollars.

Secretary of the Senate, clerks, etc.

OFFICE OF THE SECRETARY.—For Secretary of the Senate, four thousand five hundred dollars, including compensation as disbursing officer of the contingent fund of the Senate, and for compensation as disbursing officer of salaries of Senators, three hundred and ninety-six dollars; hire of horse and wagon for the Secretary's office, one thousand two hundred dollars; chief clerk and financial clerk, at three thousand dollars each; principal executive clerk, principal clerk, minute and journal clerk, and enrolling, at two thousand five hundred and ninety-two dollars each; assistant financial clerk, two thousand four hundred dollars; librarian, two thousand two hundred and twenty dollars; assistant