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INFORMATION
GPO

For manufacture of postal cards, three hundred thousand dollars. Postal cards.

For pay of agent and assistants to distribute postal cards, and expenses of agency, six thousand one hundred dollars.

For registered-package envelopes, locks, and seals, forty thousand dollars. Registered-package envelopes.

For office-envelopes and for dead-letter envelopes, twenty-five thousand dollars. Office-envelopes

For ship, steamboat, and way letters, seven thousand five hundred dollars. Ship, steamboat, and way letters.

For engraving, printing, and binding drafts and warrants, one thousand five hundred dollars. Engraving, etc.

OFFICE OF SUPERINTENDENT OF FOREIGN MAILS.

For transportation of foreign mails, two hundred and forty thousand dollars. Foreign mail-transportation.

For balance due foreign countries, fifty thousand dollars, including the United States' portion of the expense of the international office organized under the provisions of article fifteen of the general postal union treaty concluded at Berne, October ninth, eighteen hundred and seventy-four. Balances due foreign countries. *Post*, p. 584.

For the commission appointed under the act entitled "An act making appropriations for the service of the Post-Office Department for the year ending June thirtieth, eighteen hundred and seventy-seven, and for other purposes" approved July twelfth eighteen hundred and seventy-six, to continue and complete the service required of them by said act and to include an examination of mail service other than by railroads, six thousand dollars. Commission to examine railway mail-service. 1876, ch. 179, *Ante*, 79.

SEC. 2. That if the revenue of the Post-Office Department shall be insufficient to meet the appropriations made by this act, then the sum of two million, nine hundred and thirty-nine thousand, seven hundred and twenty-five dollars, or so much thereof as may be necessary, be, and the same is hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to supply deficiencies in revenue of the Post-Office Department for the year ending June thirtieth, eighteen hundred and seventy-eight. Appropriation in addition to revenue.

Approved, March 3, 1877.

CHAP. 111.—An act making appropriations for the naval service for the year ending June thirtieth, eighteen hundred and seventy-eight, and for other purposes. March 3, 1877.

Ante, p. 65.

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 eight, and for other purposes: Appropriations. Naval service.

For pay of commissioned and warrant officers at sea, on shore, on special service, and of those on the retired-list and unemployed, and for the actual expenses of officers traveling under orders, and for pay of the petty-officers, seamen, ordinary seamen, landsmen, and boys, including men of the engineers' force, and for the Coast Survey service, seven thousand five hundred men, six million, six hundred thousand dollars Pay, mileage, etc.

For contingent expenses of the Navy Department, namely: 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 at the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; Contingent expenses.

telegraphing, foreign and domestic; copying; mail and express wagons and livery and express fees and freight; all books for the use of the Navy; experts' fees and cost of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress and pilotage; recovery of valuables from shipwrecks; quarantine expenses; care and transportation of the dead; reports, professional investigation, and information from abroad; and all other emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, eighty thousand dollars.

For the civil establishments of the several navy-yards, eighty-five thousand dollars.

BUREAU OF NAVIGATION.

Navigation and navigation supplies.

For foreign and local pilotage and towage of ships of war, forty-five thousand dollars.

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

For nautical and astronomical instruments, nautical books, maps, charts, and sailing-directions, and repairs of nautical instruments for ships of war, nine thousand dollars.

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

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

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

For logs and other appliances for measuring the ships' way, leads and other appliances for sounding, three thousand dollars.

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 quartermasters' use, five thousand dollars.

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

For oil for ships of war other than that used for the engineer department, candles when used as a substitute for oil in binnacles, running-lights, for chimneys and wick and soap used in navigation department, sixteen thousand dollars.

For stationery for commanders and navigators of vessels of war and for use of courts-martial, two thousand dollars.

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

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

Contingent expenses.

For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials; postage and telegraphing; advertising for proposals; packing-boxes and materials, and all other contingent expenses, three thousand dollars.

Hydrographic Office.

For drawing, engraving, and printing and photolithographing charts, correcting old plates, preparing and publishing sailing-directions, and other hydrographic information, and for making charts, including those of the Pacific coast, fifty thousand dollars.

For fuel, light, 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, five thousand dollars.

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

Naval Observatory.

For expenses of Naval Observatory, namely:

For pay of three assistants, at one thousand five hundred dollars each, four thousand five hundred dollars; and one clerk, at one thousand six hundred dollars.

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, and freight, and all other contingent expenses, ten thousand dollars.

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

For continuing theory and tables of the moon's motion, one thousand two hundred dollars.

For the reduction of the late observations upon the transit of Venus, five thousand dollars.

For expenses of observing the transit of Mercury on May sixth, eighteen hundred and seventy-eight, at various points in the United States, one thousand five hundred dollars.

For expenses of Nautical Almanac:

Nautical Almanac.

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

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

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

BUREAU OF ORDNANCE.

Ordnance and ordnance-stores.

For fuel, tools, and materials of all kinds necessary in carrying on the mechanical branches of the Ordnance Department at the several navy-yards, magazines, and stations, fifty thousand dollars.

For labor at all the navy-yards, magazines, and stations in fitting ships for sea and in preserving ordnance material, one hundred and twenty-five thousand dollars.

For necessary repairs to ordnance buildings, magazines, gun-parks, boats, lighters, wharves, machinery, and other necessaries of the like character, ten thousand dollars.

For miscellaneous items, namely, for freight to foreign and home stations, advertising and auctioneers' fees, cartage and express charges, repairs to fire-engines, gas and water pipes, gas and water tax at magazines, toll, ferriage, foreign postage, and telegrams, three thousand dollars.

Torpedo corps.

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

For instruction in electricity, electrical apparatus, galvanic batteries, and insulated wire, five thousand dollars.

For purchase of copper, iron, wood, and other materials and apparatus and machinery necessary for the manufacture of torpedoes, and for work on the same, fifteen thousand dollars.

For labor, including chemist, pyrotechnist, electrician, one foreman-machinist, and one writer, ten thousand dollars.

For repairs to buildings and wharves, and material and labor for sea-wall, two thousand dollars.

For freight and express charges, five hundred dollars.

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

BUREAU OF EQUIPMENT AND RECRUITING.

Equipment of vessels.

For equipment of vessels: For coal for steamers' and ships' use, including expenses of transportation; storeage, 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 for monitors; heating-appa-

ratus for receiving-ships; and for the payment of labor in equipping vessels, and manufacture of articles in the several navy-yards, nine hundred and seventy thousand dollars: *Provided*, That one hundred thousand dollars of the above sum shall be available for and be expended by the Bureau of Provisions and Clothing for provisions which sum shall be immediately available.

Contingent expenses.

For contingent expenses of the Bureau of Equipment and Recruiting, namely: For expenses of recruiting and fitting up receiving-ships, freight and transportation of stoves, transportation of enlisted men, printing, advertising, telegraphing, books and models, stationery, express charges, internal alterations, fixtures, and appliances in equipment-buildings at navy-yards, foreign postage, car-tickets, ferriage, and ice, apprehension of deserters, assistance to vessels in distress, continuous-service certificates and good-conduct badges for enlisted men, including purchase of school-books for training-ships, sixty-five thousand dollars.

BUREAU OF YARDS AND DOCKS.

Maintenance of yards and docks.

For general maintenance of yards and docks, namely: For freight and transportation of materials and stores; printing, stationery, and advertising, including the commandants' office; books, models, maps, and drawing; 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 the 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 public 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 awnings and packing-boxes, four hundred and forty thousand dollars.

Contingent expenses.

For contingent expenses that may arise at navy-yards and stations, twenty thousand 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 driver, three hundred and sixty dollars; master-at-arms, four hundred and eighty dollars; corporal, three hundred dollars; barber, three hundred and sixty dollars; carpenter, eight hundred and forty-five dollars; furnaces, grates, and ranges, three hundred dollars; water-rent and gas, one thousand eight hundred dollars; increase of library and car-tickets, two hundred and fifty dollars; furniture and repairing of the same, five hundred dollars; cemetery and burial expenses, headstones and digging graves, three hundred and fifty dollars; repairs and preservation, one thousand dollars; and for support of beneficiaries, forty thousand dollars; in all, fifty-two thousand nine hundred and seventy-three dollars; which sum shall be paid out of the income from the naval pension fund

BUREAU OF MEDICINE AND SURGERY.

Surgeons' necessaries.

For support of the medical department, for surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, thirty thousand dollars.

Repairs.

For necessary repairs of naval laboratory, hospitals, and appendages, including roads, wharves, out-houses, steam-heating apparatus, sidewalks, fences, gardens and farms, cemeteries, furniture, head-marks for graves, twenty thousand dollars.

For the civil establishment at the several naval hospitals and naval laboratory: For the maintenance of the several naval hospitals and naval laboratory, twenty-five thousand dollars. Civil establishment at naval hospitals.

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

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the officers, seamen, and marines, nine hundred and thirty thousand dollars. Provisions.

For purchase of water for ships, twenty-five thousand dollars. Purchase of water.

For contingent expenses: For freight and charges on shipments; candles and fuel; books and blanks; stationery; telegrams; advertising; postage, telegrams, and express charges; and yeoman's stores, incidental labor not chargeable to other appropriations, thirty-five thousand dollars. Contingent expenses.

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 for general care and protection of the Navy in the line of construction and repair; incidental expenses, namely, advertising and foreign postage, one million seven hundred and fifty thousand dollars. Preservation of vessels, purchase of materials, etc.

BUREAU OF STEAM ENGINEERING.

For repairs and preservation of boilers and machinery on naval vessels: For fitting, repairs, and preservation of machinery and tools in the several navy-yards; for labor in navy-yards and stations not included above, and incidental expenses; and for purchase and preservation of oils, coals, metals, and all materials and stores, nine hundred and forty-two thousand dollars. Repairs, etc., of machinery.

NAVAL ACADEMY.

For pay of professors and others: For two professors, (heads of departments,) namely, one of drawing and one of modern languages, at two thousand five hundred dollars each, five thousand dollars; three professors, namely, one of physics, (assistant,) one of chemistry, and one of Spanish, at two thousand two hundred dollars each; seven assistant professors, namely, four of French, two of English studies, history, and laws, and one of drawing, at one thousand eight hundred dollars each; sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; boxing-master and gymnast, at one thousand two hundred dollars; and assistant librarian, at one thousand four hundred dollars; three clerks to superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars respectively; one clerk to commandant of cadets, one thousand dollars; one clerk to paymaster, one thousand dollars; one apothecary, seven hundred and fifty dollars; one mess-man, two hundred and eighty-eight dollars; one cook, three hundred and twenty-five dollars and fifty cents; one messenger to superintendent, six hundred dollars; one armorer, five hundred and twenty-nine dollars and fifty cents; one gunner's mate, four hundred and sixty-nine dollars and fifty cents, and one quarter-gunner, four hundred and nine dollars and fifty cents; one cockswain, four hundred and sixty-nine dollars and fifty Pay of professors, assistants, teachers, etc.

cents; one seaman in the department of seamanship, one seaman in the department of astronomy, and one seaman in the department of physics and chemistry, at three hundred and forty-nine dollars and fifty cents each; one band-master, five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second-class musicians, at three hundred dollars each; in all, fifty thousand one hundred and eighteen dollars.

Sea-pay of midshipmen.

That cadet-midshipmen, during such period of their course of instruction as they shall be at sea in other than practice-ships, shall each receive as annual pay not exceeding nine hundred and fifty dollars.

Pay of watchmen and others.

Pay of watchmen and others: Captain of the watch, at two dollars and fifty cents per day, nine hundred and twelve dollars and fifty cents; four watchmen, at two dollars and twenty-five cents per day, three thousand two hundred and eighty-five dollars; foreman of the gas and steam-heating works, at five dollars per diem, one thousand eight hundred and twenty-five dollars; ten attendants at gas and steam-heating works of academy, one at three dollars and fifty cents, one at three dollars, and eight at two dollars and fifty cents per day each, nine thousand six hundred and seventy-two dollars; three joiners, two painters, and two masons, at three dollars and fifty cents per day each, eight thousand nine hundred and forty-two dollars and fifty cents; one tinner, one gas-fitter, and one blacksmith, at three dollars and fifty cents per day each, three thousand eight hundred and thirty-two dollars and fifty cents; in all, twenty-eight thousand four hundred and sixty-nine dollars and fifty cents; and for one steam-pipe fitter, five hundred and forty-seven dollars.

Pay of mechanics and others.

Pay of mechanics and others: One mechanic at workshop, at two dollars and twenty-five cents per diem, eight hundred and twenty-one dollars and twenty-five cents; one master-laborer, to keep public grounds in order, at two dollars and twenty eight cents per diem, eight hundred and thirty-two dollars and twenty cents; fourteen laborers to assist in same, three at two dollars per diem each, and eleven at one dollar and seventy-five cents per diem each, nine thousand two hundred and sixteen dollars and twenty-five cents; one laborer to superintend quarters of cadet-midshipmen and public grounds, at two dollars and twenty-eight cents per diem, eight hundred and thirty-two dollars and twenty cents; five attendants at recitation-rooms, library, chapel, and offices, and store, at twenty dollars per month each, one thousand two hundred dollars; twenty servants to keep in order and attend to quarters of cadet-midshipmen and public buildings, at twenty dollars per month each, four thousand eight hundred dollars; in all, seventeen thousand seven hundred and one dollars and ninety cents.

Pay of employés in department of steam-enginery.

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

Repairs.

For necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, for improvements and furniture and fixtures, twenty-one thousand dollars.

Fuel, light.

For fuel, and for heating and lighting the academy and school-ships, eighteen thousand dollars.

Contingent expenses.

For contingent expenses, Naval Academy: For purchase of books for the library, two thousand dollars.

For stationery, blank books, models, maps, and so forth, and for text-books for use of instructors, two thousand dollars.

For expenses of the board of visitors, two thousand six hundred dollars.

For purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars.

Gas, miscellaneous items.

For purchase of gas and steam machinery; steam-pipe and fixtures; rent of building for use of the academy; freight; cartage; water; music; musical and astronomical instruments; uniforms for the bandsmen; telegraphing; and for the current expenses and repairs of all

kinds; and for incidental labor and expenses not applicable to any other appropriation, thirty-four thousand six hundred dollars.

For stores in the department of steam-enginery, eight hundred dollars.

For materials for repairs in steam-machinery, one thousand dollars.

MARINE CORPS.

Pay.

For pay of officers of the Marine Corps, and for pay of non-commissioned officers, musicians, privates, and others of the corps, and for transportation of officers traveling without troops, and for payments to discharged soldiers for clothing undrawn, six hundred and nineteen thousand eight hundred and twenty-five dollars.

Provisions.

For provisions, eighty-eight thousand three hundred and thirty dollars.

Clothing.

For clothing, forty thousand dollars.

Fuel.

For fuel, twenty-five thousand 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, five thousand dollars.

Transportation of troops.

For transportation of troops and for expenses of recruiting, five thousand dollars.

Barracks and rent of offices.

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

Forages.

For forage for public horses and horses belonging to field and staff officers five thousand dollars.

Hire of quarters.

For rent of quarters for officers where there are no public buildings, sixteen thousand 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; 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 thousand dollars.

Approved, March 3, 1877.

March 3, 1877.

CHAP. 112.—An act making appropriations for fortifications and for other works of defense, and for the armament thereof, for the fiscal year ending June 30, 1878, and for other purposes.

Ante, p. 59.

Appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the sum of one hundred thousand dollars be, and the same is hereby appropriated out of any money in the Treasury not otherwise appropriated, for the protection preservation and repair of fortifications and other works of defense, for the fiscal year ending June thirtieth eighteen hundred and seventy-eight; the same to be expended under the direction of the Secretary of War; also, the following for armament of fortifications, namely:

Fortifications and other works of defense.

Armament of sea-coast fortifications.

Machine guns.

For the armament of sea-coast fortifications, including heavy guns, and howitzers for flank defense, carriages, projectiles, fuses, powder, and implements, their trial and proof, and all necessary expenses incident thereto, one hundred thousand dollars; and for Gatling or other machine guns, twenty-five thousand dollars.

Torpedoes for harbor defenses.

For torpedoes for harbor defenses, and preservation of the same, and for torpedo experiments in their application to harbor and land defense,