

To meet the payment of the ninth annual instalment of the proportion contributed by the United States toward the capitalization of the Scheldt dues, sixty-six thousand five hundred and eighty-four dollars. Scheldt dues. Vol. xiii. p. 649.

The compensation of the chief clerk of the Department of State shall be at the rate of two thousand five hundred dollars per annum, beginning with the first day of July, eighteen hundred and seventy-one. Pay of chief clerk of Department of State established.

APPROVED, May 22, 1872.

CHAP. CXCIV. — *An Act making Appropriations for the naval Service for the Year ending June thirty, eighteen hundred and seventy-three, and for other Purposes.* May 23, 1872.

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-three, and for other purposes : Navy appropriation for the year ending June 30, 1873.

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 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, eight thousand five hundred men, at an average pay of three hundred dollars each per annum, six million two hundred and fifty thousand dollars. Pay of officers and seamen, mileage, &c.

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. Books for libraries.

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 ship's compasses, to be made in the navy-yards, 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, running-lights, for chimneys and wick and soap used in navigation department, thirty-five thousand dollars. Oil.

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

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

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

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 on public business; advertising for proposals; packing-boxes and materials; blank books, forms, and stationery at navigation offices, six thousand dollars.
Charts, &c.	For drawing, engraving, and printing and photo-lithographing charts, electrotyping and correcting old plates, preparing and publishing sailing directions, and other hydrographic information, seventeen thousand seven hundred dollars.
Surveys in the Pacific.	For surveying in the Pacific, fifty thousand dollars. For making charts, twenty 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. 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, four thousand five 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, postage, and freight, and all other contingent expenses, thirteen thousand five hundred dollars.
Theory and tables of the moon.	For computation for theory and tables of the moon, two thousand dollars.
Transit-circle room.	For fitting up transit-circle room, and completing its arrangement, one thousand two hundred dollars. For transcribing astronomical observations upon sheets for publication, one thousand two hundred dollars.
Tower, &c., for new telescope.	For erection of tower and dome for the new refracting telescope, ten thousand dollars.
Refracting telescope.	For payment, in part, for the great refracting telescope now in the course of construction, ten thousand dollars.
Nautical almanac, &c.	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, &c., of new planets.	For preparing elements and tables of 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.	<i>Bureau of Ordnance.</i> —For one thousand two hundred and fifty barrels of gunpowder, twenty-five thousand dollars.
Gunpowder.	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: <i>Provided</i> , That laborers shall be employed in the several navy-yards by the proper officers in charge with reference to skill and efficiency, and without regard to other considerations.
Laborers in yards to be employed with reference to skill, &c., only.	To enable the Secretary of the Navy to carry on his experiments towards converting heavy smooth-bore guns into rifled guns, with a view to obtain a combination gun possessing the qualities of both smooth-bore and rifle, forty thousand dollars.
Experiments in heavy guns.	
Repairs.	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.	Miscellaneous.
For experiments in ordnance, twenty thousand dollars.	Ordnance ex- periments.
For the gun-park at the navy-yard at Pensacola, eight thousand eight hundred and eighty-six dollars.	
For the shot-park at Pensacola, five thousand seven hundred and sixty dollars.	Navy-yard at Pensacola;
For the shell-house at the magazine at Pensacola, twenty-three thousand seven hundred and eighty-five dollars.	
For the railroad to the shell-house at Pensacola, one thousand and ninety-six dollars.	
For the railroad to the magazine, six thousand three hundred and ninety-eight dollars.	
For gun-skids and shot-bed at navy-yard, Mare Island, ten thousand dollars.	Mare Island.
For reservoir and pipe at magazine, fifteen thousand dollars.	
For new car and railroad-track at magazine, one thousand five hundred dollars.	
For the torpedo corps: For the purchase and manufacture of gun-powder, 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.	Explosives. Machines.
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.	Materials and labor.
For construction of torpedo-boats, purchase of coffer-work or hulks, and contingent expenses, thirty-five thousand dollars.	Torpedo-boats.
For additional buildings, and machine-shop and additional quarters, twenty-five thousand dollars.	
For labor, including one chemist at two thousand dollars, 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.	Labor.
Civil establishment: For pay of the superintendents and the civil establishment of the several navy-yards under this bureau, which shall include one store-clerk of ordnance at the Philadelphia navy-yard, at the salary of one thousand four hundred dollars, fifteen thousand dollars.	Civil estab- lishment.
For contingent expenses of the ordnance service of the navy, one thousand dollars.	Contingent ex- penses.
<i>Bureau of Equipment and Recruiting.</i> —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; and for time-clerk, nine hundred dollars; in all, three thousand four hundred dollars.	Civil estab- lishment 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	Washington.

- Civil establishment at navy-yard at Philadelphia; 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.
- 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.
- Brooklyn; 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.
- 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, telegraphing, stationery, apprehension of deserters, and assistance to vessels in distress, one hundred and twenty-five thousand dollars.
- Bureau of yards and docks. Civil establishment at navy-yard at Kittery; *Bureau of Yards and Docks.*— For civil establishment at the navy-yard, Kittery, Maine: For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for clerk of pay-rolls and mustering-clerk, one thousand five hundred dollars; for receiver and inspector of stores, one thousand five hundred dollars; for writer to receiver and inspector of stores, one thousand dollars; for chief accountant, one thousand eight hundred dollars; for gate-keeper and detective, one thousand dollars; and for messenger at commandant's office, six hundred dollars; making, in all, ten thousand two hundred 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 clerk of pay-rolls and mustering-clerk, one thousand five hundred dollars; for receiver and inspector of stores, one thousand five hundred dollars; for writer to receiver and inspector of stores, one thousand dollars; for writer to commandant, one thousand dollars; for chief accountant, one thousand eight hundred dollars; for gate-keeper and detective, one thousand dollars; and for messenger for commandant's office, six hundred dollars; in all, twelve thousand seven 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 receiver and inspector of stores, one thousand five hundred dollars; for clerk of pay-rolls and mustering-clerk, one thousand five hundred dollars; for writer to commandant, one thousand dollars; for chief accountant, one thousand eight hundred 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, twelve thousand six hundred dollars.
- Philadelphia. At the navy-yard, Philadelphia, Pennsylvania: For draughtsman and clerk to civil engineer, one thousand four hundred dollars each; for clerk of pay-rolls and mustering-clerk, one thousand five hundred dollars; for receiver and inspector of stores, one thousand five hundred dollars; for chief accountant, one thousand eight hundred dollars; for gate-keeper and

detective, one thousand dollars; and for messenger for the commandant's office, six hundred dollars; in all, nine thousand two hundred dollars. Civil establishment at navy-yard at Washington;

At the navy-yard, Washington, District of Columbia: For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; for receiver and inspector of stores, one thousand five hundred dollars; for clerk of pay-rolls and mustering-clerk, one thousand five hundred dollars; for chief accountant, one thousand eight hundred dollars; 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, ten thousand two hundred dollars.

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

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

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 receiver and inspector of stores, one thousand eight hundred and seventy-five dollars; for clerk of pay-rolls and mustering-clerk, one thousand eight hundred and seventy-five dollars; for chief accountant, one thousand eight hundred and seventy-five dollars; for gate-keeper and detective, one thousand dollars; and for messenger for commandant's office, seven hundred and fifty dollars; in all, ten thousand six hundred and seventy-five dollars. Mare Island.

At the naval station, League Island, Pennsylvania: For draughtsman and clerk to civil engineer, at one thousand four hundred dollars each; clerk of pay-rolls and mustering-clerk, one thousand five hundred dollars; receiver and inspector of stores, one thousand five hundred dollars; in all, five thousand eight hundred dollars. Naval station, League Island.

At the naval asylum: For steward, four hundred and eighty dollars; for matron, three hundred dollars; for cook, one hundred and sixty-eight dollars; assistant cook, one hundred and twenty dollars; four laundresses, at one hundred and eight dollars each; eight scrubbers and house-cleaners, at ninety-six dollars each; six laborers at two hundred and forty dollars each, and one laborer, at two hundred and sixty-four dollars; master-at-arms, four hundred and eighty dollars; for ship's corporal, three hundred dollars; for barber, three hundred and sixty dollars; superintendent, five hundred and forty dollars; in all, five thousand six hundred and fifty-two dollars. Naval asylum.

For the naval asylum at Philadelphia: For support of the institution, sixty-five thousand one hundred dollars; which sum shall be paid out of the income from the naval pension fund.

For contingent expenses of the bureau of yards and docks, viz.: For 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 navy-yard purposes, and tools and repairs of same; postage on letters on public service, and telegrams; furniture for government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yard, and care of buildings; attendance on Contingent expenses.

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, nine hundred thousand dollars.

- 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.
- For necessary repairs of naval laboratory, hospitals, and appendages, including roads, wharves, outhouses, steam-heating apparatus, side-walks, fences, gardens, and farms, twenty-five thousand dollars.
- For pay of the civil establishment under this bureau: At the hospital at Chelsea, Massachusetts, seven thousand seven hundred and eighty-two dollars.
- New York; At the hospital, New York, eleven thousand three hundred and thirty-six dollars.
- Philadelphia; At the hospital, Philadelphia, Pennsylvania, six thousand nine hundred and ninety dollars.
- Washington; At the hospital, Washington, District of Columbia, five thousand five hundred and sixty-eight dollars.
- Annapolis; At the hospital, Annapolis, Maryland, four thousand five hundred and twelve dollars.
- 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.
- laboratory, New York. At the naval laboratory, New York, six thousand four hundred dollars.
- Navy-yard at Kittery; At the navy-yard, Kittery, Maine, one thousand two hundred and ninety dollars.
- 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.
- Annapolis. At the navy-yard, Annapolis, Maryland, one thousand two hundred and forty-two dollars.
- Naval station, Mound City. At the naval station, Mound city, Illinois, one thousand four hundred and eighty 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.* — 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 yards 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 pay-master 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. Civil establish-
ment at navy-
yard at
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.

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. Philadelphia;

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

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

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. 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: *Provided*, That an additional ration of tea or coffee and sugar be hereafter allowed to each seaman, to be provided at his first "turning out." Contingent expenses.
Additional ration for seamen, &c.

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 three hundred thousand dollars. Bureau of construction and repair.
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 storehouses, 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 establish-
ment 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 storehouses 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 storehouses, 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 storehouses, one thousand two hundred dollars; inspector of timber, clerk to naval constructor, time-clerk, and superintendent of floating-dock, at one Philadelphia.

- Civil establish- thousand four hundred dollars each ; in all, eight thousand seven hundred
ment at navy- dollars.
yard at
Washington; At the navy-yard, Washington, District of Columbia: For draughts-
man to naval constructor, one thousand four hundred dollars; clerk to
naval constructor and clerk of storehouses, inspector of timber and time-
clerk, at one thousand two hundred dollars each ; in all, six thousand two
hundred dollars.
- Norfolk; At the navy-yard, Norfolk, Virginia: For draughtsman to naval con-
structor and clerk of storehouses, at one thousand four hundred dollars
each ; time-clerk, one thousand two hundred dollars ; in all, four thousand
dollars.
- Pensacola; At the navy-yard, Pensacola, Florida: For clerk of storehouses, one
thousand four hundred dollars.
- Mare Island. At the navy-yard, Mare Island, California: For draughtsman to naval
constructor, one thousand four hundred dollars ; inspector of timber, clerk
of storehouses, 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.
- Right to use For the purchase of a license to use in all the works of the United States
certain patents. Gorman and Siegfried's process of tempering steel for the term of their
patents, ten thousand dollars ; and for the purchase of the right to manu-
facture and use, on government vessels, the Emery and Cheney patent
elastic chain-stopper and surge-reliever, twelve thousand dollars.
- Bureau of Bureau of *Steam Engineering*.— For repairs and preservation of
steam-engineer- machinery and boilers on naval vessels, one million one hundred thousand
ing. dollars.
Repairs, &c., For fitting, repair, and preservation of yard machinery and tools, fifty
of machinery. thousand dollars.
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.
- Civil establish- Civil establishment at the navy-yard, Kittery, Maine: For draughtsman,
ment at navy- one thousand six hundred dollars ; clerk to chief engineer and store-clerk,
yard at at one thousand four hundred dollars each ; and time-clerk, one thousand
Kittery; 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 thou-
sand 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 thou-
sand 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 storehouses, one
thousand two hundred dollars.

At the navy-yard, Mare Island, California: 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. Civil establishment at navy-yard at Mare Island.

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. Naval academy.
Pay of professors, assistants, teachers, &c.;

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

For pay of mechanics and others, seventeen thousand four hundred and sixty-two dollars and seventy-five cents.

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

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

For contingent expenses, sixty-four thousand dollars: *Provided*, That graduates of the Naval Academy shall take rank according to their proficiency as shown by their order of merit at date of graduation. Graduates of naval academy, how to take rank.

Marine Corps.—For pay and subsistence of officers of the marine corps, and for pay of non-commissioned officers, musicians, privates, and others of the corps, six hundred and seventy-eight thousand one hundred and forty-five dollars. Marine corps. Pay and subsistence.

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

For clothing, one hundred and twenty-nine thousand six hundred and fifty dollars. Clothing.

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

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

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

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

- 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; printing, stationery, telegraphing; apprehension of deserters; oil, candles, gas; repairs of gas and water fixtures; water-rent, forage, 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 wheelbarrows; scavenging; 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 no money appropriated by this act shall be expended on account of naval engines contracted for during the war.
- No part for naval engines. *SEC. 2.* That the Secretary of the Navy be, and is hereby, authorized and directed to sell, at public sale, such vessels and materials of the United States navy as in his judgment cannot be advantageously used, repaired, or fitted out: *Provided*, That before any such sale shall be made, public notice shall be given by advertisement in some leading newspaper or newspapers in at least four of the principal cities of the United States, which advertisement shall state the number of vessels and the amount of materials proposed to be sold, with a description thereof so far as the same shall be practicable, together with the time and place when and where such vessels and materials can be seen and examined. And the Secretary of the Navy shall, at the opening of each session of Congress, make a full report to Congress of his acts under the authority given by this section, which report shall contain a statement of all vessels and materials sold, the parties buying the same, and the amount realized therefrom, together with such other facts as may be necessary to a full understanding of his acts; and the total amount received on such sales shall be covered into the United States treasury: *Provided further*, That nothing in this section shall be construed as compelling the Secretary of the Navy to accept any bid or offer which in his judgment is grossly inadequate to the value of the vessel or materials offered for sale.
- Secretary of navy may sell, &c., certain vessels and materials. Public advertisement.
- Report to Congress.
- Grossly inadequate bids need not be accepted.
- APPROVED, May 23, 1872.

May 23, 1872. CHAP. CXCVI. — *An Act making Appropriations for the Support of the Military Academy for the fiscal Year ending June thirtieth, eighteen hundred and seventy-three.*

- Military academy appropriation. *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, for the support of the Military Academy for the year ending June thirtieth, eighteen hundred and seventy-three, viz.:
- Officers, instructors, cadets, &c. For additional pay of officers, and for pay of instructors, cadets, and musicians, two hundred and twenty-two thousand nine hundred and thirty-seven dollars and fifty cents.
- Repairs, fuel, &c. For repairs and improvements, timber, plank, boards, joists, wall-strips, laths, shingles, slate, tin, sheet-lead, nails, screws, locks, butts, hinges, glass, paint, turpentine, oils, bricks, lime, cement, plaster, hair, blasting-powder, fuses, iron, steel, tools, mantels, and other similar materials, fourteen thousand five hundred dollars.
- Citizen-mechanics. For pay of citizen-mechanics employed upon repairs that cannot be done by enlisted men, eight thousand dollars.
- For fuel and apparatus, coal, wood, stoves, grates, furnaces, ranges, fire-bricks, and repairs, fourteen thousand dollars.