

May 1, 1880.

CHAP. 72.—An act to authorize and equip an expedition to the Arctic Seas.

Expedition to
the Arctic seas.
Temporary sta-
tion for scientific
observation.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President of the United States be, and he hereby is, authorized to establish a temporary station at some point north of the eighty-first degree of north latitude, on or near the shore of Lady Franklin Bay, for purposes of scientific observation and exploration, and to develop or discover new whaling-grounds; to detail such officers or other persons of the public service to take part in the same as may be necessary, and who are willing to enlist for such purpose, not exceeding fifty in number, and to use any public vessel or vessels that may be suitable for the purpose of transporting the members of said station and their necessary supplies, and for such other duty in connection with said station as may be required from time to time: *Provided*, That the President of the United States is authorized to accept from H. W. Howgate, and fit out for the purposes of this expedition, the steamship *Gulnare*, which vessel shall be returned to its owner when the objects of the expedition shall have been accomplished, or when, in the opinion of the President, its services are no longer required: *Provided further*, That the United States shall not be liable to any claim for compensation in case of loss, damage, or deterioration of said vessel from any cause, or in any manner whatever, nor be liable to any demand for the use or risk of said vessel.

Proviso.
Acceptance from
H. W. Howgate,
of steamship
Gulnare.
Proviso.

Approved, May 1, 1880.

May 3, 1880.

CHAP. 73.—An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, and for other purposes.

Appropriations.

Naval service.

Navy active list.
Officers.

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-one, and for other purposes:

For the pay of the Navy, for the active list, namely: One admiral, one vice-admiral, twelve rear-admirals, eight chiefs of bureau (commodores), twenty-five commodores, fifty captains, ninety commanders, eighty lieutenant-commanders, two hundred and eighty lieutenants, one hundred masters, one hundred ensigns, forty-five midshipmen, fifteen medical directors, fourteen medical inspectors, fifty surgeons, sixty-four passed assistant surgeons, twenty-seven assistant surgeons, twelve pay-directors, thirteen pay-inspectors, fifty paymasters, thirty passed assistant paymasters, twenty assistant paymasters, sixty-nine chief engineers, ninety-six passed assistant engineers, forty-three assistant engineers, twenty-four chaplains, twelve professors of mathematics, ten naval constructors, five assistant naval constructors, ten civil engineers, two hundred and five warrant-officers, forty-two mates, two hundred and fifty-four cadet-midshipmen, additional for seventy-eight cadet-midshipmen at sea, ninety-eight cadet-engineers, additional for forty cadet-engineers when at sea; in all, three million nine hundred and thirteen thousand six hundred dollars.

Retired list
Officers.

For pay of the retired list, namely: For forty rear-admirals, twenty-one commodores, sixteen captains, eleven commanders, fourteen lieutenant-commanders, seven lieutenants, thirteen masters, five ensigns, two midshipmen, three surgeon-generals, nineteen medical directors, one medical inspector, two surgeons, four passed assistant surgeons, eight assistant surgeons, two paymaster-generals, five pay directors, one pay-inspector, three paymasters, two passed assistant paymasters, two assistant paymasters, seven chief engineers, eighteen passed assistant engineers, twenty-five assistant engineers, seven chaplains, six professors of mathematics, three naval constructors, nine boatswains, five gun-

ners, thirteen carpenters, and eleven sailmakers, six hundred and sixty one thousand four hundred dollars.

For pay to petty-officers, seamen, ordinary seamen, landsmen, and boys, including men in the engineers' force, and for the Coast Survey service, not exceeding eight thousand two hundred and fifty; in all, two million three hundred and ninety thousand dollars.

Petty officers and men.

For secretaries to the Admiral and Vice-Admiral, clerks to fleet-paymasters, paymasters of vessels, clerks at inspections, navy-yards, and stations, and extra pay to men enlisted under honorable discharge; exchange and mileage, and for the payment of any such officers as may be in service, either upon the active or retired list, during the year ending June thirtieth, eighteen hundred and eighty-one, in excess of the numbers for each class provided for in this act, and for any increase of pay arising from different duty, as the needs of the service may require, four hundred and seventy-five thousand dollars; and should the sums hereinbefore appropriated for the pay of the officers on the active and retired lists of the Navy be insufficient, then, and in that case, the Secretary of the Navy is hereby authorized to use any and all balances which may be due, or become due, to "Pay of the Navy" from the other bureaus of the department, for that purpose.

Secretaries, clerks, paymasters, extra pay, exchange, mileage, excess not provided for, and increase of pay.

Deficiency in pay from unexpended balances of other bureaus.

For contingent expenses of the Navy, 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; telegraphing, foreign and domestic; copying; mail and express wagons and livery and express fees and costs 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, one hundred thousand dollars.

Contingent expenses.

Sundries.

Extraordinary expenses.

BUREAU OF NAVIGATION.

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

Navigation and supplies.

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, two thousand dollars.

For Navy signals and apparatus, namely, signal-lights, lanterns, rockets, 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 ship's way, and 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, wardroom, 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, four 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 and running-lights, for chimneys and wicks, and soap, used in navigation department, twenty thousand dollars.

For stationery for commanders and navigators of vessels of war, and for use of courts-martial, one thousand five hundred 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 on public business; advertising for proposals; packing-boxes and materials; and all other contingent expenses, two thousand dollars.

Civil establishment.

For the civil establishment, ten thousand four hundred and seventeen dollars and twenty-five cents.

Hydrographic.

For drawing, engraving, and printing and photolithographing charts, purchase of chart paper, correcting old plates, preparing and publishing sailing directions, and other hydrographic information, forty thousand dollars.

For fuel 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, four thousand dollars.

Survey of Amazon and Madeira Rivers.

For preparing and publishing the survey of the Amazon and Madeira Rivers and approaches, eleven thousand dollars.

Mexican coast.

For preparing and publishing the surveys of the Mexican coast in the Pacific Ocean, twelve thousand dollars.

Naval Observatory.

For expenses of Naval Observatory, namely:

Proviso.

For pay of three assistant astronomers, at one thousand seven hundred dollars each, five thousand one hundred dollars: *Provided*, That said assistant astronomers shall have each served four years continuously.

For one clerk, at one thousand eight hundred dollars.

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

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

For professional books and periodicals for library, one thousand dollars.

Distribution.

For solar and stellar photography, one thousand dollars.

For payment to the Smithsonian Institution for freight on Observatory publications for eighteen hundred and eighty, to be shipped in eighteen hundred and eighty, two hundred and thirty-six dollars and twenty-five cents.

For payment to the Smithsonian Institution for freight on Observatory publications for eighteen hundred and eighty-one, to be shipped to foreign countries in eighteen hundred and eighty-one, two hundred and thirty-six dollars and twenty-five cents.

For one micrometer for the twenty-six inch telescope, three hundred and fifty dollars.

For engravings to illustrate report on photographic observations of the transit of Mercury, three hundred and fifty dollars.

For photographic apparatus, five hundred dollars.

Nautical Almanac.

For expenses of Nautical Almanac:

For pay of computers and clerks for preparing for publication the American Ephemeris and Nautical Almanac, nineteen thousand dollars.

Contingent expenses.

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

For improving the tables of the planets, two thousand dollars.

BUREAU OF ORDNANCE.

Ordnance and ordnance stores.

For fuel, tools, and materials of all kinds necessary in carrying on the current daily work of 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, fifty 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.

For the civil establishment, eleven thousand eight hundred and eighty-six dollars and twenty-five cents. Civil establishment.

For the Torpedo Corps, namely: For labor, fifteen thousand dollars; material, ten thousand dollars; freight and express charges, five hundred dollars; general repairs to grounds, buildings, wharves, and boats, five thousand dollars; and instruction and general torpedo experiments, sixty-four thousand five hundred dollars; in all, ninety-five thousand dollars. Torpedo Corps.

For the completion of the torpedo-boat experiments on the Alarm, twenty thousand dollars, the same to be immediately available. Experiments on the Alarm.

BUREAU OF EQUIPMENT AND RECRUITING

For 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; hides, cordage, canvas, leather; iron for manufacture of cables, anchors, galleys, and chains; furniture, wood, hose, bake-ovens, and cooking-stoves; boat-detaching apparatus; life-rafts for monitors; heating apparatus for receiving-ships; and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, eight hundred thousand dollars. Equipment and recruiting.

For contingent expenses of the Bureau of Equipment and Recruiting, namely: For expenses of recruiting and fitting up receiving-ships; extra expenses of training-ships; freight and transportation of equipment stores; transportation of enlisted men and boys; printing, advertising, telegraphing; books and models; stationery; express charges; internal-alterations, fixtures, and appliances in equipment buildings at the several navy-yards; foreign postage; car tickets, ferriage, 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 and extra medals for boys, fifty-five thousand dollars. Contingent expenses.

For the civil establishment, eighteen thousand two hundred and fifty-one dollars and seventy-five cents. Civil establishment.

BUREAU OF YARDS AND DOCKS.

For general maintenance of yards and docks, namely: For freight and transportation of materials and stores; books, models, maps, and drawings; purchase and repair of fire-engines; machinery, and patent rights to use the same; repairs on steam fire-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; dredging; 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; for clerical and incidental labor at navy-yards; water-tax, and for toll and Docks and yards.

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.

Civil establishment.

For the civil establishment, thirty-seven thousand nine hundred and six dollars and twenty-five cents.

Naval Asylum at Philadelphia.

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; two assistant cooks, one hundred and sixty-eight dollars each; chief laundress, one hundred and ninety-two dollars; four 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; water-rent and gas, two thousand dollars; ice, two hundred dollars; car-tickets, two hundred and fifty dollars; cemetery and burial expenses, headstones, and digging graves, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs and preservation of all kinds, painting, and for grates, furnaces, ranges, furniture, and repairs of furniture, four thousand five hundred dollars; and for support of beneficiaries, forty-three thousand five hundred dollars; in all, fifty-nine thousand three hundred and nine dollars; which sum shall be paid out of the income from the naval-pension fund

Paid from income of naval pension fund.

BUREAU OF MEDICINE AND SURGERY.

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-five thousand dollars.

Maintenance of certain naval hospitals.

For the naval-hospital fund, namely: For maintenance of the naval hospitals at Portsmouth, New Hampshire; Chelsea, Massachusetts; Brooklyn, New York; Philadelphia, Pennsylvania; Annapolis, Maryland; Washington, District of Columbia; Norfolk, Virginia; Pensacola, Florida; Mare Island, California; and Yokohama, Japan, fifty thousand dollars.

Contingent expenses.

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 and cows; trees, garden-tools, and seeds, fifteen thousand dollars.

Repairs.

For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, out-houses, sidewalks, fences, gardens, farms, and cemeteries, thirty thousand dollars.

Civil establishments.

For the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy: For the maintenance of the several naval hospitals and naval laboratory, navy-yards, and Naval Academy, forty thousand dollars.

BUREAU OF PROVISIONS AND CLOTHING.

Provisions and clothing.

For provisions for the seamen and marines; commuted rations for officers, seamen, and marines; expenses of the handling and transportation of provisions; of inspections and storehouses; and for purchase of water for ships, and for provisions and commutation of rations for seven hundred and fifty boys, one million two hundred thousand dollars: *Provided*, That the Secretary of the Navy may substitute for the ration of "two ounces of desiccated potatoes" six ounces of desiccated tomatoes if he shall believe such substitution to be conducive to the

Commutation of rations for boys.

Proviso.

health and comfort of the Navy, and not to be more expensive to the government than the present ration, provided the same shall be acceptable to the men. In the event the Secretary of the Navy orders such substitution he is authorized to have sold at public auction any desiccated potatoes on hand, the proceeds of which sale shall be used in the purchase of desiccated tomatoes for the use of the Navy.

For contingent expenses: For freight on shipments, except provisions, candles, fuel; books and blanks; stationery; advertising and commissions on sales; foreign postage, telegrams, and express charges; toll, ferriages, and car-tickets; and yeomen's stores, iron safes, ice, newspapers, and incidental expenses absolutely necessary, sixty thousand dollars. Contingent expenses.

For civil establishment, twelve thousand four hundred and eleven dollars and fifty cents. Civil establishment.

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; and incidental expenses, namely, advertising and foreign postage, one million five hundred thousand dollars. Construction and repair.

For the civil establishment, forty thousand one hundred and five dollars and seventy-five cents. Civil establishment.

BUREAU OF STEAM-ENGINEERING.

For repairs and preservation of machinery and boilers in vessels on the stocks and in ordinary; purchase and preservation of all materials and stores; purchase, fitting, and repair of machinery and tools in the navy-yards and stations; wear, tear, and repair of machinery and boilers of naval vessels; incidental expenses, such as foreign postages, telegrams, advertising, freight, eight hundred thousand dollars. Steam-engineering.

For contingencies, such as instruments and materials for drafting-room, one thousand dollars. Contingent expenses.

For the civil establishment, twenty thousand and thirty-eight dollars. Civil establishment.

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; four professors, namely: one of physics (assistant), one of chemistry (assistant), one of Spanish (assistant), and one of English studies, history, and law (assistant), at two thousand two hundred dollars each; six assistant professors, namely: four of French, one of English studies, history, and laws, and one of drawing, at one thousand eight hundred dollars each; swordmaster, 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; secretary of the Naval Academy, one thousand eight 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 dentist, one thousand six hundred dollars; one baker, six hundred dollars; one mechanic in department of physics and chemistry, six hundred dollars; one messman, 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 Naval Academy.
Professors, assistants, officials, clerks, messengers, laborers, and musicians.

one quarter-gunner, four hundred and nine dollars and fifty cents; one cockswain, four hundred and sixty-nine dollars and fifty 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 bandmaster, 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-four thousand three hundred and seventy-six dollars.

Captain of
watch, watchmet,
and mechanics.

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

Mechanics and
laborers.

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

Employés in de-
partment of steam-
enginery.

For pay of employees in the department of steam-enginery: For master-machinist, boiler-maker, and pattern-maker, at three dollars and fifty cents per day each; two machinists, one blacksmith, and one moulder, at two dollars and fifty cents per diem each; and two laborers, at one dollar and fifty cents per diem each; in all, eight thousand five hundred and seventy-seven dollars and fifty cents.

Repairs, build-
ings, and grounds.

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

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

Contingent ex-
penses.

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.

Board of Visitors.

For expenses of the Board of Visitors to the Naval Academy, two thousand six hundred dollars.

Physics and
chemistry.

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.

Machinery and
current expenses.

For purchase of gas and steam machinery; steam-pipe and fittings; rent of building for the use of the academy; freight; cartage; water; music; musical and astronomical instruments; uniforms for the bandsmen; telegraphing; and for feed and maintenance of teams; 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.

For pay of officers on the active list, as follows: One colonel commandant, four thousand five hundred dollars; one colonel, four thousand five hundred dollars; two lieutenant-colonels, eight thousand dollars; one adjutant and inspector and one quartermaster, at three thousand five hundred dollars each, and one paymaster, at three thousand dollars per annum, ten thousand dollars; four majors, fourteen thousand dollars; two assistant quartermasters, one at two thousand four hundred dollars and one at two thousand six hundred dollars per annum, five thousand dollars; three captains, at two thousand five hundred and twenty dollars each, and seventeen at two thousand three hundred and forty dollars each per annum, forty-seven thousand three hundred and forty dollars; thirty first-lieutenants, fourteen at one thousand nine hundred and fifty dollars, twelve at one thousand eight hundred dollars, and four at one thousand six hundred and fifty dollars each per annum, fifty-five thousand five hundred dollars; fifteen second-lieutenants, twelve at one thousand five hundred and forty dollars and three at one thousand four hundred dollars each per annum, twenty-two thousand six hundred and eighty dollars; in all, one hundred and seventy-one thousand five hundred and twenty dollars.

Marine Corps.
Officers on active list.

Pay of officers on the retired list: For one brigadier-general, four thousand one hundred and twenty-five dollars; one colonel, three thousand three hundred and seventy-five dollars; one lieutenant-colonel, three thousand dollars; three majors, two at two thousand six hundred and twenty-five dollars each and one at two thousand two hundred and fifty dollars per annum, seven thousand five hundred dollars; one assistant quartermaster, two thousand one hundred dollars; two captains, one at one thousand six hundred and twenty dollars, and one at one thousand three hundred and fifty dollars per annum, two thousand nine hundred and seventy dollars; two first-lieutenants, two thousand seven hundred dollars; three second-lieutenants, one at one thousand one hundred and fifty-five dollars and two at one thousand and fifty dollars per annum each, three thousand two hundred and fifty-five dollars; in all, twenty-nine thousand and twenty-five dollars.

Retired list.

Pay of non-commissioned officers, musicians, and privates: For one leader of the band, one thousand and eighty dollars; one sergeant-major, one quartermaster-sergeant, and one drum-major, one thousand and eighty dollars; fifty first-sergeants, sixteen thousand two hundred dollars; one hundred and forty sergeants, ninety at seventeen dollars and fifty at twenty-two dollars per month each, thirty-one thousand five hundred and sixty dollars; one hundred and eighty corporals, one hundred and thirty at fifteen dollars and fifty at twenty dollars per month each, thirty-five thousand four hundred dollars; thirty musicians, seven at forty dollars, eight at twenty-six dollars, and fifteen at twenty-three dollars per month each, nine thousand nine hundred and ninety-six dollars; ninety-six drummers and fifers, seventeen thousand seven hundred and thirty-six dollars; one thousand five hundred privates, six hundred at thirteen dollars, five hundred at sixteen dollars, and four hundred at eighteen dollars per month each, two hundred and seventy-six thousand dollars; in all, three hundred and eighty-nine thousand and fifty-two dollars.

Non-commissioned officers, musicians, and privates.

For ten clerks and two messengers, fifteen thousand seven hundred and fifteen dollars; payments to discharged soldiers for clothing undrawn, twenty thousand dollars; transportation of officers traveling under orders without troops, eight thousand dollars; commutation of quarters for officers where there are no public buildings, ten thousand dollars; in all, fifty-three thousand seven hundred and fifteen dollars.

Clerks, messengers, discharged soldiers, &c.

For provisions, sixty-seven thousand seven hundred and eighty dollars and fifty cents.

Provisions.

For clothing, sixty-nine thousand five hundred and seventy-nine dollars and fifty cents.

Clothing.

Fuel.	For fuel, eighteen thousand four hundred and ninety-six dollars and fifty cents.
Military stores.	For military stores, namely: For pay of one chief armorer, nine hundred and thirty-nine dollars; three mechanics, at two dollars and fifty cents per day each; purchase of military equipments, such as cartridge-boxes, bayonet-scarbards, haversacks, canteens, musket-slings, swords, flags, drums, fifes, bugles, and other instruments, five thousand dollars; for purchase of one hundred Springfield rifles, one thousand five hundred dollars; purchase of ammunition, one thousand dollars; purchase and repair of instruments for the band, and purchase of music, five hundred dollars; in all, eleven thousand two hundred and eighty-six dollars and fifty cents.
Transportation of troops.	For transportation of troops and for expenses of recruiting, seven thousand dollars.
Repairs and rent.	For repairs of barracks, and rent of offices where there are no public buildings, ten thousand dollars.
Forage at Washington, D. C., and Mare Island, Cal	For forage for three public horses, one for messenger to commandant and staff, Washington, District of Columbia, and two for general use at marine barracks, Mare Island, California, five hundred dollars.
Contingencies.	For contingencies, namely: Freight; ferriage; toll; cartage; per diem for constant 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; bedsacks; packing-boxes, wrapping-paper; oil-cloth; crash; rope; twine; spades; shovels; axes; picks; carpenters' tools; repairs to fire-engines; purchase of fire-extinguishers; purchase and repair of engine-hose; repairs to public carryall; purchase of lumber for benches, mess-tables, bunks; purchase and repair of harness; purchase and repair of handcarts and wheelbarrows; 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, May 3, 1880.

May 3, 1880.

CHAP. 74.—An act to establish post-routes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following post-routes be, and the same are hereby, established.

Alabama;

ALABAMA.

- From Frankfort, via Rock Creek, to Pleasant Site.
- From Clement's Station to Marion.
- From Brownsboro' to Maysville.
- From Chubb Hill to Pleasant Site.
- From Alexander City, via New Site and Davidston, to Vaughan and Wright's Mills.
- From Dadeville, via Dudleyville, to Vaughan and Wright's Mills.
- From Garland, via Herbert, to Brooklyn.
- From China Grove to Linwood.
- From Stevenson, via Gibsonville, Hogner, to Newton, Georgia.
- From Pinckard's Store, via Howle's Store, Robinson's Ferry, Dadeville, to Vaughan and Wright's Mills.
- From Uniontown, via Cahaba (upper) Road, Griffith's Shop, and Lexington Road, to Liberty Hill.
- From Dadeville, via Porcher's Mill, Howle's Store, and Pinckard's Store, to Wetumpka.
- From Silver Run, via Marthadell and Clough's Hill, to Alexandria.
- From Martin's Mill to Cedar Ridge.
- From Fort Payne, to Grove Oak.