

June 14, 1880.

**CHAP. 209.**—An act to change the name of the sloop-yacht "Mariah", of Rochester, New York, to that of "Tourist".

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the name of the sloop-yacht "Mariah", of Rochester, county of Monroe, and State of New York, be changed to that of "Tourist", of Rochester, and State of New York.

Approved, June 14, 1880.

June 14, 1880.

**CHAP. 210.**—An act authorizing the changing the name of the sloop-yacht America.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the Secretary of the Treasury be, and he is hereby, authorized and directed to allow the owner of the sloop-yacht America, a vessel of American ownership and license, to change her name; and that said vessel be hereinafter known as the Kelpie.

Approved, June 14, 1880.

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**CHAP. 211.**—An act making appropriations for the construction, repair, completion, and preservation of certain works on rivers and harbors, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the following sums of money be, and are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to be expended, under the direction of the Secretary of War, for the construction, repair, completion, and preservation of the public works hereinafter named:

Public works on  
rivers and harbors.  
Appropriations.  
Harbors in States  
of:

Maine.

Improving the gut opposite Bath, Maine: Continuing improvement, seven thousand dollars.

Improving harbor at Belfast, Maine: Continuing operations, three thousand dollars.

Improving Richmond Island Harbor, Maine: Continuing operations, three thousand dollars.

For the completion of the improvement of Lubec Channel, Maine, twenty thousand dollars.

New Hampshire.

Improving harbor at Portsmouth, New Hampshire: Continuing improvement, twenty-five thousand dollars.

Vermont.

Improving harbor at Burlington, Vermont: Continuing improvement, ten thousand dollars.

Improving harbor at Swanton, Vermont: Continuing improvement, two thousand five hundred dollars.

Massachusetts.

Improving harbor at Plymouth, Massachusetts: Continuing operations, ten thousand dollars.

Improving harbor at Provincetown, Massachusetts: Maintenance and annual repairs, five hundred dollars.

Connecticut.

Improving harbor at Bridgeport, Connecticut: Continuing improvement, ten thousand dollars.

Improving Nantucket Harbor, Massachusetts, fifty thousand dollars.

Improving harbor at Milford, Connecticut: Continuing improvement, five thousand dollars.

Improving harbor at New Haven, Connecticut: Continuing improvement, fifteen thousand dollars.

Improving harbor at Norwalk, Connecticut: Continuing improvement, five thousand dollars; and so much of said appropriation as shall be necessary therefor shall be so expended as to have the channel six feet deep at low water between the steamboat landing in said Norwalk and Long Island Sound.

Improving harbor at Southport, Connecticut: Continuing improvement, two thousand five hundred dollars.

- Improving harbor at Buffalo, New York: Continuing improvement, ninety thousand dollars. Harbors — Continued.  
New York
- Improving harbor at Charlotte, New York: Repair of piers, five thousand dollars.
- Improving harbor at Dunkirk, New York: Continuing improvement, ten thousand dollars.
- Improving Echo Harbor, New Rochelle, New York: Continuing improvement, three thousand dollars.
- Improving harbor at Great Sodus Bay, New York: Continuing operations, three thousand dollars.
- Improving harbor at Little Sodus Bay, New York: Continuing operations, twenty thousand dollars.
- Improving harbor at Oak Orchard, New York: Continuing operations, five hundred dollars.
- Improving Cathance River, Maine, ten thousand dollars. Cathance River, Maine.  
New York.
- Improving harbor at Oswego, New York: Continuing improvement, ninety thousand dollars.
- Improving harbor at Plattsburg, New York: For dredging, one thousand dollars.
- Improving harbor at Port Jefferson, Long Island Sound, New York: Continuing operations, three thousand dollars.
- Improving harbor at Pultneyville, New York: Continuing operations, three thousand dollars.
- Improving harbor at Erie, Pennsylvania: Continuing improvement, twenty-five thousand dollars. Erie Harbor, Pennsylvania.
- Constructing pier in Delaware Bay, near Lewes, Delaware: Continuing operations, ten thousand dollars. Delaware pier.
- Piers of ice-harbor at New Castle, Delaware: Continuing operations, three thousand dollars.
- Improving harbor at Wilmington, Delaware: To dredge the bar and channel at the mouth of the Christiana River, and make such survey as may be necessary to determine the site of such works as may be necessary for the permanent improvement of said river: Continuing operations, ten thousand dollars. Christiana River.
- Improving harbor at Baltimore, Maryland: Continuing operations, one hundred thousand dollars. Maryland.
- Improving Breton Bay, Leonardtown, Maryland: Continuing improvement, three thousand dollars.
- Improving the harbors and channels at Washington and Georgetown, District of Columbia: Continuing the improvements, including the removal of rocks, forty thousand dollars. District of Columbia.
- Improving harbor at Norfolk, Virginia, and its approaches: Continuing improvement, fifty thousand dollars. Virginia.
- Improving harbor at Onancock, Virginia: Continuing improvement, five thousand dollars.
- Improving harbor at Charleston, South Carolina: Continuing improvement, one hundred and seventy thousand dollars. South Carolina.
- Improving harbor at Savannah and Savannah River, Georgia: Continuing improvement, sixty-five thousand dollars. Georgia.
- Improving harbor at Brunswick, Georgia: Continuing improvement, ten thousand dollars.
- Improving harbor at Cedar Keys, Florida: Continuing improvement, fifteen thousand dollars. Florida.
- Improving harbor at Pensacola, Florida: Continuing improvement, forty thousand dollars.
- Improving harbor at Mobile, Alabama: Continuing improvement, one hundred and twenty-five thousand dollars. Alabama.
- Improving Mississippi River at and near Vicksburg, and protection of harbor at Vicksburg, Mississippi: Continuing improvement, twenty thousand dollars. Mississippi River at Vicksburg.

- Harbors—Con'td.  
Louisiana. Improving harbor at New Orleans, Louisiana: Continuing improvement, seventy-five thousand dollars.
- Texas. Improving outer bar, Galveston Harbor, Texas: Continuing operations, one hundred and seventy-five thousand dollars.
- Ohio. Improving harbor at Ashtabula, Ohio: Continuing operations, twenty thousand dollars.  
Improving harbor at Black River, Ohio: Continuing operations, one thousand dollars.  
Improving harbor at Cleveland, Ohio: Continuing improvement, one hundred and twenty-five thousand dollars.  
Improving harbor at Conneaut, Ohio: Continuing operations, six thousand dollars.  
Improving harbor at Fairport, Ohio: Continuing operations, three thousand dollars.  
Improving harbor at Huron, Ohio: Continuing operations, three thousand dollars.
- Ice-harbor, Mus-  
kingum River. Ice-harbor at mouth of Muskingum River, Ohio: Continuing operations fifty thousand dollars.  
Improving harbor at Port Clinton, Ohio: Continuing operations five thousand dollars.  
Improving and surveying harbor at Sandusky City, Ohio: Continuing operations, twelve thousand five hundred dollars.  
Improving harbor to the depth of sixteen feet at Toledo, Ohio: Continuing operations, thirty thousand dollars.  
Improving harbor at Vermillion, Ohio: Continuing operations, two thousand dollars.
- Indiana. Improving outside harbor at Michigan City, Indiana: Continuing operations, forty thousand dollars; to be used and expended in improving the inner harbor, the additional sum of fifteen thousand dollars.
- Illinois. Improving harbor at Calumet, Illinois: Continuing improvement, twenty thousand dollars.  
Improving outside harbor at Chicago, Illinois: Continuing improvement, including commencement of construction of exterior breakwater, one hundred and forty-five thousand dollars.
- Galena River. Improving Galena River and Harbor, Illinois: Continuing improvement, twelve thousand dollars.
- Mississippi River  
at Memphis. Improving harbor and the Mississippi River at Memphis, Tennessee: Continuing improvement, fifteen thousand dollars.
- Michigan. Improving harbor and river at Au Sable, Michigan: Continuing operations, seven thousand dollars.  
Improving harbor at Black Lake, Michigan: Continuing operations, six thousand dollars.  
Improving harbor at Charlevoix, Michigan: Continuing improvement, ten thousand dollars.
- Massachusetts. Improving harbor at Boston, Massachusetts, seventy-five thousand dollars; of which sum thirty thousand dollars shall be expended in the said harbor; twenty-two thousand five hundred dollars at the mouth of Charles River in said harbor and up to Watertown; seventeen thousand five hundred dollars in said harbor at mouth of Mystic River, and five thousand dollars from said harbor to Nantasket Beach.
- Michigan. Improving harbor at Cheboygan, Michigan: Continuing operations, six thousand dollars.  
Improving harbor at Grand Haven, Michigan: Continuing operations, fifty thousand dollars.  
Harbor of refuge at Lake Huron: Continuing operations, seventy-five thousand dollars.  
Improving harbor at Ludington, Michigan: Continuing operations, eight thousand dollars.  
Improving harbor at Manistee, Michigan: Continuing improvement, ten thousand dollars.  
Improving harbor at Marquette, Michigan: For repairs of existing work, one thousand dollars.

- Improving harbor at Monroe, Michigan: Continuing operations, two thousand dollars. Harbors—Continued.
- Improving Manistique Harbor, Michigan, five thousand dollars.
- Improving harbor at Muskegon, Michigan: Continuing operations, seven thousand five hundred dollars.
- Improving harbor at Ontonagon, Michigan: Continuing improvement, fifteen thousand dollars; of which sum two thousand dollars shall be expended in dredging.
- Improving harbor at Pentwater, Michigan: Continuing operations, four thousand dollars.
- Harbor of refuge at Portage Lake, Lake Michigan: Continuing operations, ten thousand dollars.
- Improving river and harbor at Saint Joseph, Michigan, including channel leading up to Benton Harbor: Continuing operations eight thousand dollars.
- Improving harbor at Saugatuck, Michigan: Continuing improvement, five thousand dollars.
- Improving harbor at South Haven, Michigan: Continuing improvement, five thousand dollars.
- Improving harbor at White River, Michigan: Continuing operations, five thousand dollars.
- Improving harbor at Ahnapee, Wisconsin: Continuing improvement, seven thousand dollars. Wisconsin.
- Improving harbor at Green Bay, Wisconsin: Continuing improvement, six thousand dollars.
- Improving harbor at Kenosha, Wisconsin: Continuing improvement, five thousand dollars.
- Improving harbor at Manitowoc, Wisconsin: Continuing operations, seven thousand dollars.
- Improving harbor at Menomonee, Wisconsin: Continuing improvement, ten thousand dollars.
- Improving harbor at Milwaukee, Wisconsin: Continuing operations, ten thousand dollars.
- Improving harbor at Port Washington, Wisconsin: Continuing improvement, twenty thousand dollars.
- Improving harbor at Racine, Wisconsin: Continuing operations, six thousand dollars.
- Improving harbor at Sheboygan, Wisconsin: Repairs and dredging, seven thousand dollars.
- Improving Superior Bay, Wisconsin: Dredging for improvement of natural entrance, and for repairing existing works, five thousand dollars.
- Harbor of refuge at entrance of Sturgeon Bay Canal, Wisconsin: Continuing improvement, ten thousand dollars: *Provided*, That said sum shall not be expended until any private or corporate right which may exist to impose charges for the use of said harbor shall have been relinquished in manner satisfactory to the Secretary of War.  *proviso.*
- Improving harbor at Two Rivers, Wisconsin: Continuing improvement, twenty thousand dollars.
- Improving Rush Chute and harbor of Burlington, Iowa: Continuing operations, five thousand dollars. Iowa.
- Improving harbor at Muscatine, Iowa: Continuing the improvement, seven thousand five hundred dollars.
- Improving harbor at Duluth, Minnesota: Continuing the improvement, twenty-five thousand dollars. Minnesota.
- Improving harbor at Grand Marais, Minnesota: Continuing the improvement, ten thousand dollars.
- Improving Kennebunk River, Maine: Continuing operations, two thousand dollars. Rivers: Kennebunk.
- For improving Exeter River, in the State of New Hampshire, twenty thousand dollars. Exter.
- Improving Otter Creek, Vermont: Continuing improvement, two thousand dollars. Otter Creek.

- Rivers—Cont'd. Improving harbor at Newburyport, Massachusetts, fifty thousand dollars.
- Merrimac. Improving Merrimac River, Massachusetts: Continuing operations, twelve thousand dollars.
- Providence. Improving Providence River and Narragansett Bay, Rhode Island: Continuing improvement sixty thousand dollars.  
Improving Little Narragansett Bay, Rhode Island: Continuing improvement, five thousand dollars.
- Connecticut. Improving Connecticut River, below Hartford, Connecticut: Continuing improvement, ten thousand dollars.
- Housatonic. Improving Housatonic River, Connecticut: Continuing improvement, two thousand dollars.  
Constructing breakwater at New Haven, Connecticut: Continuing operations, thirty thousand dollars.
- Thames. Improving Thames River, Connecticut: Continuing improvement, twenty-five thousand dollars; of which sum, two thousand five hundred dollars shall be expended in the removal of rocks and sand from New London Harbor.
- East River and Hell Gate. Removing obstructions in East River and Hell Gate, New York: Continuing improvement, two hundred thousand dollars.
- East Chester Creek. Improving East Chester Creek, New York: Continuing improvement, three thousand five hundred dollars.
- Hudson. Improving Hudson River, New York: Continuing operations, twenty thousand dollars.
- Cohansey Creek. Improving Cohansey Creek, New Jersey: Continuing improvement, four thousand five hundred dollars.
- Elizabeth. Improving Elizabeth River, New Jersey: Continuing improvement, seven thousand five hundred dollars.
- Manisquan. Improving Manisquan River, New Jersey: Continuing improvement, twenty thousand dollars.
- Passaic. Improving Passaic River above Newark, New Jersey: Continuing improvement, two thousand dollars.
- Rahway. Improving Rahway River, New Jersey: Continuing improvement, ten thousand dollars.
- Salem. Improving Salem River, New Jersey: Continuing improvement, three thousand dollars.
- Shrewsbury. Improving Shrewsbury River, New Jersey: Continuing improvement, thirty thousand dollars.
- Woodbridge Creek. Improving Woodbridge Creek, New Jersey: Continuing improvement, five thousand dollars.
- South. Improving South River, Middlesex County, New Jersey, forty thousand dollars.  
Improving harbor at Frankfort, Michigan, five thousand dollars, to be expended in extending piers or dredging, at discretion of Secretary of War.
- Allegheny. Improving navigation of Allegheny River from mouth of French Creek to Pittsburgh, Pennsylvania: Continuing operations, twenty thousand dollars.
- Schuylkill. Improving Schuylkill River, Pennsylvania: Continuing improvement, forty thousand dollars.
- Delaware. Improving Delaware River, below Bridesburg, Pennsylvania: Continuing improvement, eighty-five thousand dollars; of which sum forty thousand dollars shall be expended at or near Petty's Island, between said island and Philadelphia, and ten thousand dollars at or near Smith's Island, between Philadelphia and Camden, through the sand-spit.  
Improving Delaware River, between Trenton, New Jersey, and Bridesburg, Pennsylvania: Continuing operations, ten thousand dollars.  
Improving Delaware River at Schooner Ledge: Continuing improvement, forty thousand dollars.  
Improving Delaware River, near Cherry Island Flats: Continuing improvement one hundred thousand dollars.

Improving Mispillion Creek, Delaware: Continuing improvement, four thousand dollars.	Rivers—Cont'd. Mispillion Creek.
Improving Wicomico River, Maryland, below Salisbury: Continuing operations, five thousand dollars.	Wicomico.
Improving harbor at Annapolis, Maryland, five thousand dollars.	Annapolis Har- bor.
Dredging a channel in the Potomac River, through the flats in front of Mount Vernon, Virginia: Continuing operations, three thousand dollars.	Potomac.
Improving Appomattox River, Virginia: Continuing improvement, twenty thousand dollars.	Appomattox.
Improving Blackwater River, Virginia: Continuing operations, three thousand five hundred dollars.	Blackwater.
Improving Chickahominy River, Virginia: Continuing operations, two thousand dollars.	Chickahominy.
Improving James River, Virginia: Continuing improvement, seventy-five thousand dollars.	James.
Improving New River, from mouth of Wilson, in Grayson County, Virginia, to mouth of Greenbrier River, twenty-four thousand dollars; of which sum twelve thousand dollars shall be expended in the continuation of the work from the mouth of Greenbrier, up; seven thousand dollars in the continuation of the work formerly prosecuted on the river in Wythe County, and five thousand dollars between the lead mines in Wythe County and the mouth of Wilson, in Grayson County.	New.
Improving Raritan River, New Jersey, one hundred thousand dollars; of which sum seventy thousand dollars shall be expended in the removal of rocks at Whitehead's sand-dock, and thirty thousand dollars for dredging the shoals at the Middle Ground.	Raritan.
Improving mouth of Nomoni Creek, Virginia: Continuing operations, five thousand dollars.	Nomoni Creek.
Improving North Landing River, Virginia and North Carolina: Continuing improvement, fifteen thousand dollars.	North Landing.
Improving Rappahannock River, Virginia: Continuing improvement, twenty-five thousand dollars.	Rappahannock.
Improving Staunton River, Virginia: Continuing improvement, seven thousand five hundred dollars.	Staunton.
Improving Urbana Creek, Virginia: Continuing improvement, two thousand five hundred dollars.	Urbana Creek.
Improving Great Kanawha River and operation of works, West Virginia: Continuing improvement, two hundred thousand dollars.	Great Kanawha.
Improving Guyandotte River, West Virginia: Continuing improvement, two thousand dollars.	Guyandotte.
Improving Cape Fear River, North Carolina: Continuing improvement, seventy thousand dollars.	Cape Fear.
Continuing improvement of Currituck Sound, Coanjok Bay, and North River Bar, North Carolina: Continuing improvement, twenty-five thousand dollars.	Currituck Sound.
Improving French Broad River, North Carolina: Continuing improvement, three thousand dollars.	French Broad River.
Improving Neuse River, North Carolina, from its mouth to the head of navigation: Continuing improvement, forty-five thousand dollars.	Neuse.
Improving Pamlico and Tar Rivers, North Carolina: Continuing operations, nine thousand dollars.	Pamlico and Tar Rivers.
Improving Scuppernong River, North Carolina: Continuing improvement, one thousand dollars.	Scuppernong.
Improving Trent River, North Carolina: Continuing improvement, ten thousand dollars.	Trent.
Improving Chattahoochee River, Georgia: Continuing improvement, twenty thousand dollars.	Chattahoochee.
Improving Coosa River, Georgia and Alabama: Continuing improvement, seventy-five thousand dollars.	Coosa.

Rivers—Cont'd. Flint.	Improving Flint River, Georgia: Continuing improvement, twenty thousand dollars; of which sum ten thousand dollars shall be expended below Albany, and ten thousand dollars between Albany and Montezuma.
Ocmulgee.	Improving Ocmulgee River, Georgia: Continuing operations, seven thousand dollars.
Oconee.	Improving Oconee River, Georgia: Continuing operations, one thousand five hundred dollars.
Oostenaula and Coosawattee.	Improving Oostenaula and Coosawattee Rivers, Georgia: Continuing operations, two thousand dollars.
Apalachicola.	Improving Apalachicola River, Florida: Continuing improvement, two thousand dollars.
	Improving Apalachicola Bay, Florida, ten thousand dollars.
Choctawhatchee.	Improving Choctawhatchee River, Florida and Alabama up to Newton: Continuing operations, seven thousand dollars.
Passage between Fernandina and Saint John's.	Improving inside passage between Fernandina and Saint John's, Florida: Continuing improvement, at such point as may be selected by the chief engineer, and approved by the Secretary of War, seven thousand dollars.
Alabama.	Improving Alabama River, Alabama: Continuing improvement, twenty-five thousand dollars.
Warrior and Tombigbee.	Improving Warrior and Tombigbee Rivers, Alabama and Mississippi, forty-seven thousand dollars; of which sum twenty thousand dollars shall be expended on the Warrior, twelve thousand dollars on the Tombigbee between Columbus and Vienna, and fifteen thousand dollars on the Tombigbee below Vienna.
	Improving Tombigbee River above Columbus, Mississippi: Continuing improvement, four thousand dollars.
Big Sunflower.	Improving Big Sunflower River Mississippi: Continuing improvement, eight thousand dollars.
Coldwater.	Improving Coldwater River, Mississippi: Continuing improvement, four thousand dollars.
Pascagoula.	Improving Pascagoula River, Mississippi: Continuing improvement, twenty thousand dollars.
Pearl.	Improving Pearl River, Mississippi, from Jackson to Carthage: Continuing improvement, seven thousand five hundred dollars.
Yazoo.	Improving Yazoo River, Mississippi: Continuing improvement, twelve thousand dollars.
Bayou La Fourche.	Improving Bayou La Fourche, Louisiana: Continuing improvement, five thousand dollars.
Red River.	Removing obstructions from Red River, Louisiana: Continuing operations, including construction of snag-boat, sixty thousand dollars.
Tone's Bayou.	Removing raft in Red River and closing Tone's Bayou, Louisiana: Continuing operations, twenty-five thousand dollars.
Tallahatchee.	Improving Tallahatchee River, Mississippi: Continuing improvement, nine thousand dollars, of which sum four thousand dollars shall be expended below Coldwater and five thousand dollars between the mouth of Coldwater and Batesville.
Aransas Pass and Bay.	Improving Aransas Pass and Bay, up to Rockport and Corpus Christi, Texas: Continuing improvement, sixty-five thousand dollars.
Neches.	Improving Neches River, Texas: Continuing operations, five thousand dollars.
Pass Cavallo In- let.	Improving Pass Cavallo Inlet into Matagorda Bay, Texas: Continuing improvement, fifty thousand dollars.
Galveston Bay.	Improving ship-channel, Galveston Bay: Continuing improvement, fifty thousand dollars.
Sheepshead Bay.	Improving Sheepshead Bay, New York, three thousand dollars.
Canarsie Bay.	Improving Canarsie Bay, New York, ten thousand dollars.
Nottoway River.	Improving Nottoway River, Virginia, five thousand dollars.
Rockland Har- bor, Maine.	Improving Rockland Harbor, Maine, twenty thousand dollars.
Flushing Bay. Proviso.	Improving Flushing Bay, New York, fifteen thousand dollars: <i>Provided</i> , That in the judgment of the engineer in charge this expenditure

can be made without serious detriment to property interests on the Newtown side.

Improving Narrows of Sabine River, above Orange, Texas, and to deepen channel at its mouth: Continuing improvement, five thousand dollars.

Improving Sabine Pass and Blue Buck Bar, Texas: Continuing improvement, fifty thousand dollars.

Improving Trinity River, Texas: Continuing operations, four thousand dollars.

Improving Arkansas River between Fort Smith, Arkansas, and Wichita, Kansas: Continuing the improvement, fifteen thousand dollars.

Improving Fourche Le Fevre River, Arkansas: Continuing improvement, four thousand dollars.

Improving L'Anguille River, Arkansas: Continuing improvement, two thousand dollars.

Improving Ouachita River, Arkansas and Louisiana: Continuing improvement, eight thousand dollars.

Improving White and Saint Francis Rivers, Arkansas: Continuing improvement, twelve thousand dollars.

Improving Cumberland River, above Nashville, Tennessee, as follows: From Nashville to Kentucky line, fifteen thousand dollars; from Kentucky line to Smith's Shoals, ten thousand dollars; at Smith's Shoals, twenty thousand dollars.

Improving Cumberland River, below Nashville, Tennessee: Continuing improvement, twenty thousand dollars.

Improving Hiawasee River, Tennessee: Continuing operations, three thousand dollars.

Improving Tennessee River, above Chattanooga: Continuing the improvement, ten thousand dollars.

Improving Tennessee River, below Chattanooga, including Muscle Shoals, Duck River Shoal, and shoal at Reynoldsburg: Continuing operations, three hundred thousand dollars.

Improving Big Sandy River, from Catlettsburg, Kentucky, to head of navigation, fifty-five thousand dollars; of which sum fifty thousand dollars shall be expended in the construction of works at Louisa, according to the recommendation of William E. Merrill, major of Engineers, in his annual report, dated August twelfth, eighteen hundred and seventy-nine, and five thousand dollars in the further improvement of the upper river.

Improving Kentucky River from its mouth to Three Forks: Continuing operations, one hundred thousand dollars.

Improving Ohio River: Continuing the improvement, two hundred and fifty thousand dollars; of which sum one hundred thousand dollars shall be expended on Davis Island Dam, and one hundred and fifty thousand dollars on the river from its mouth to its head: *Provided*, That ten thousand dollars of the last-named sum may, in the discretion of the engineers, be expended on Indiana Chute: *And provided further*, That twenty-five thousand dollars of the sum for the improvement of the Ohio River shall be applied to continuing the improvement at Grand Chain on said River.

Improving Wabash River, Indiana: Continuing improvement, twenty-five thousand dollars.

Improving Sandusky River, Ohio: Continuing improvement, ten thousand dollars.

Improving White River, Indiana, from Wabash River to Portersville, and to the falls on West Fork: Continuing operations, twenty thousand dollars.

Improving Illinois River: Continuing improvement, one hundred and ten thousand dollars, of which sum one hundred thousand dollars shall be expended on locks and dams and ten thousand dollars for dredging.

Improving Mississippi, Missouri, and Arkansas Rivers: Removing snags, wrecks, and other obstructions, two hundred thousand dollars; of which sum one hundred thousand dollars shall be expended on the

Rivers—Cont'd.

Sabine River.

Sabine Pass.

Trinity.

Arkansas.

Fourche Le Fevre.

L'Anguille.

Ouachita.

White and Saint Francis.

Cumberland.

Hiawasee.

Tennessee.

Big Sandy.

Kentucky.

Ohio.

*Provido.*

*Provido.*

Wabash.

Sandusky.

White.

Illinois.

Mississippi, Missouri, and Arkansas.

- Rivers—Cont'd. Mississippi River, sixty-five thousand dollars on the Missouri, and thirty-five thousand dollars on the Arkansas.
- Mississippi. Improving Mississippi River, between the mouths of the Illinois and Ohio Rivers: Continuing improvement, two hundred and fifty thousand dollars; of which sum twenty thousand dollars shall be expended at Kaskaskia Bend, and fifteen thousand dollars may be expended on the harbor at Alton.
- Harbor at Alton. Cuivre. Improving Cuivre River, from mouth to Chain of Rocks, and removing snags and obstructions, two thousand dollars.
- Mississippi. Improving Mississippi River, above the Falls of Saint Anthony: Continuing improvement, fifteen thousand dollars.
- Provido.* Improving Mississippi River, from Saint Paul to Des Moines Rapids: Continuing improvement, one hundred and fifty thousand dollars: *Provided*, That three thousand five hundred dollars of said sum may, in the discretion of the Chief of Engineers, be expended in closing the slough at the confluence of the Minnesota and Mississippi Rivers: *Provided further*, That three thousand dollars of the foregoing sum shall be used in dredging the western channel at or near Guttenberg, Iowa.
- Provido.* Improving Mississippi River, from Des Moines Rapids to mouth of Illinois River: Continuing improvement, one hundred thousand dollars.
- Improving Mississippi River at Quincy, Illinois: Continuing improvement, twenty-five thousand dollars.
- Removing bar in the Mississippi River, opposite Dubuque, Iowa: Continuing operations seven thousand dollars.
- Improving Rock Island Rapids, Mississippi River: Continuing improvement, eight thousand dollars.
- Improving Des Moines Rapids: Continuing improvement, twenty thousand dollars.
- Operating the canal at Des Moines Rapids. Annual expense of gauging the Mississippi. 1871, Res. 40, Stat., 16, 598. Upper Mississippi and operating snag-boat. Osage River. Missouri. Operating the canal at Des Moines Rapids: Continuing operations of the canal, thirty thousand dollars.
- Annual expense of gauging the Mississippi. 1871, Res. 40, Stat., 16, 598. Improving Upper Mississippi River: Operating snag-boat, eight thousand dollars.
- Improving the Osage River, Kansas and Missouri: Continuing the improvement, thirty thousand dollars.
- Improving Missouri River at Atchison, Kansas: Continuing operations, twenty thousand dollars.
- Improving Missouri River at Cedar City: Continuing improvement, fifteen thousand dollars.
- Improving Missouri River at Council Bluffs, Iowa, and at Omaha, Nebraska: Continuing operations, twenty thousand dollars.
- Improving Missouri River at Eastport, Iowa, and at Nebraska City, Nebraska: Continuing operations, fourteen thousand dollars.
- Improving the Missouri River at Brownville, ten thousand dollars.
- Improving the Missouri River at Plattsmouth, ten thousand dollars.
- Improving Missouri River at or near Fort Leavenworth: Continuing improvement, eight thousand dollars.
- Improving Missouri River at and near Glasgow: Continuing improvement, twenty thousand dollars.
- Improving Missouri River at and near Kansas City: Continuing improvement, twenty-five thousand dollars; which sum may be expended on either side of the river, in the discretion of the engineer.
- Improving Missouri River at and near Saint Joseph: Continuing operations, twenty thousand dollars.
- Improving Missouri River at Sioux City, Iowa: Continuing operations, eight thousand dollars.
- Improving Missouri River at Vermillion, Dakota: Continuing the improvement, ten thousand dollars.

Improving Missouri River, above mouth of the Yellowstone River: Continuing the improvement, twenty-five thousand dollars.	Rivers—Cont'd.
Improving Detroit River, Michigan: Continuing operations, fifty thousand dollars.	Detroit.
Improving Saginaw River, Michigan: Continuing operations, fifteen thousand dollars; of which sum ten thousand dollars shall be expended for removal of bars at the lower end of the river and in deepening the channel from the mouth of the river out into the bay.	Saginaw.
Improving Saint Clair Flats, Michigan: Repairs of canal, two thousand five hundred dollars.	Saint Clair Flats.
Improving the Chippewa River, Wisconsin: Continuing the improvement, ten thousand dollars; but this sum is appropriated subject to the same conditions and limitations imposed by section one of the act approved March third, eighteen hundred and seventy-nine, for the improvement of rivers and harbors, relating to said Chippewa River.	Chippewa River  1879, ch. 181, Stat., 20, 372.
Improving Fox and Wisconsin Rivers, Wisconsin: Continuing improvement, one hundred and twenty-five thousand dollars; of which sum fifty thousand dollars shall be expended in continuing the improvement of the Wisconsin, and seventy-five thousand dollars for continuing the improvement of the Fox River; of which last sum three thousand dollars may, in the discretion of the engineers, be expended at the mouth of Foud du Lac.	Fox and Wisconsin Rivers.
Improving Red River of the North, Minnesota and Dakota: Continuing improvement, twenty thousand dollars.	Red River of the North.
Repairs and contingencies of public works at Saint Anthony's Falls, Minnesota: To meet repairs necessary, present and prospective, ten thousand dollars.	Saint Anthony's Falls.
Improving Upper Red River, Arkansas, from Fulton to the head of the raft: Continuing improvement, ten thousand dollars.	Upper Red River.
Improving Saint Croix River, below Taylor's Falls: Continuing improvement, ten thousand dollars, of which sum three hundred dollars, or so much thereof as in the opinion of the engineers in charge may be necessary, shall be expended in the improvement of the slough on the east side of said river, known as the canal between Four-Mile Island and the foot of the Saint Croix Boom.	Saint Croix.
Improving Lower Clearwater River, Idaho: Continuing operations, five thousand dollars.	Lower Clearwater.
Constructing canal around Cascades of Columbia River: Continuing operations, one hundred thousand dollars.	Cascades of Columbia.
Improving Upper Columbia River, including Snake River: Continuing improvement, fifteen thousand dollars.	Upper Columbia and Snake.
Improving Upper Willamette and Yamhill Rivers: Continuing improvement, twelve thousand dollars.	Upper Willamette and Yamhill.
Improving Lower Willamette and Columbia Rivers, from Portland, Oregon, to the sea, including the bar at the mouth of the Columbia River: Continuing improvement forty-five thousand dollars.	Lower Willamette and Columbia.
Improving Sacramento River, California: Continuing improvement, forty-five thousand dollars.	Sacramento.
Improving harbor at Wilmington, California: Continuing improvement, thirty-five thousand dollars.	Wilmington, Cal., harbor.
Examinations and surveys of South Pass of Mississippi River: To ascertain the depth of water and width of channel secured and maintained from time to time by James B. Eads at the South Pass of the Mississippi River, and to enable the Secretary of War to report during the maintenance of the work, twenty thousand dollars.	Surveys South Pass, Mississippi.
Improving the channel of Susquehanna River above and below Havre de Grace, and to complete the work at the Fishing Battery light-station near Spesutia Island, twenty-eight thousand dollars.	Susquehanna.
Improving and operating Saint Mary's River and Saint Mary's Falls Canal, two hundred and fifty thousand dollars. And the Secretary of War is hereby authorized to accept on behalf of the United States from the State of Michigan the Saint Mary's Canal and the public works	Saint Mary's River and Canal. Acceptance of public works authorized.

Rivers—Cont'd. <i>Proviso.</i>	thereon: <i>Provided</i> , Such transfer shall be so made as to leave the United States free from any and all debts, claims, or liability of any character whatsoever, and said canal after such transfer shall be free for public use: <i>And provided further</i> , That after such transfer the Secretary of War be, and hereby is, authorized to draw from time to time his warrant on the Secretary of the Treasury to pay the actual expenses of operating and keeping said canal in repair.
Buttermilk Channel.	Improving Buttermilk Channel, New York, sixty thousand dollars.
Ashley River.	Improving Ashley River, South Carolina, one thousand dollars.
Elk.	Improvement of Elk River, Maryland, ten thousand dollars.
Cheesequake's Creek.	Improving Cheesequake's Creek, New Jersey, twenty thousand dollars.
Vermillion.	Improving Vermillion River Louisiana, five thousand dollars.
Bayou Terrebonne.	Improving Bayou Terrebonne, Louisiana, ten thousand dollars.
Bayou Teche.	Improving Bayou Teche, from Saint Martinsville to Port Barre, Louisiana six thousand dollars.
Bayou Courtableau.	Improving Bayou Courtableau, from Port Barre to Atchefalaya, Louisiana, seven thousand five hundred dollars.
Susquehanna.	Improving Susquehanna River, Pennsylvania, from Richards' Island up, fifteen thousand dollars.
Grand Marais Harbor.	Construction of harbor of refuge at Grand Marais, Michigan, ten thousand dollars.
Pearl River.	Improving Pearl River below Jackson, Mississippi, thirty thousand dollars.
Yadkin.	Improving Yadkin River, North Carolina, twenty thousand dollars; six thousand dollars of which may be expended for the removal of dams.
White.	Improving White River above Buffalo Shoals, Arkansas, twenty thousand dollars.
Saint Francis.	Improving Saint Francis River between Wilkesburg and Lester Landing, Arkansas, five thousand dollars.
White.	Improving White River between Jacksonport and Buffalo Shoals, Arkansas, five thousand dollars.
Passaic.	Improving Passaic River, New Jersey, from Pennsylvania Railroad bridge to its mouth, thirty thousand dollars.
Arkansas.	Improving Arkansas River at Pine Bluff, Arkansas, twenty-five thousand dollars.
Mississippi.	Improving Mississippi River at Natchez and Vidalia, forty thousand dollars.
Skagit.	Improving Skagit River, Washington Territory, two thousand five hundred dollars.
Amite.	Improving Amite River, Louisiana, eight thousand dollars.
Newtown Creek.	Improving Newtown Creek, New York, ten thousand dollars.
Pagan Creek.	Improving Pagan Creek, Virginia, five thousand dollars.
Scituate Harbor.	Improving Scituate Harbor, Massachusetts, seven thousand five hundred dollars.
Taunton River.	Improving Taunton River, Massachusetts, seventeen thousand five hundred dollars.
Block Island Harbor.	Improving Block Island Harbor, Rhode Island, six thousand dollars.
Stonington Harbor.	Improving Stonington Harbor, Connecticut twenty-five thousand dollars.
Broadkilm River.	Improving Broadkilm River, Delaware, five thousand dollars.
Duck Creek.	Improving the mouth of Duck Creek, Delaware, five thousand dollars.
Broad Creek.	Improving Broad Creek from its mouth to Laurel, Delaware, five thousand dollars.
Northeast River.	Improving Northeast River, Maryland, five thousand five hundred dollars.
Treadhaven Creek.	Improving Treadhaven Creek, Maryland, for three miles below Easton, three thousand dollars.
Choptank River.	Improving Choptank River, between Denton and Greensboro, Maryland, five thousand dollars.

Improving Secretary Creek, Maryland, three thousand dollars.	Rivers—Cont'd.
Improving Dan River, between Danville, Virginia, and Madison, North Carolina, ten thousand dollars.	Secretary Creek. Dan River.
Improving Elk River, West Virginia, five thousand dollars.	Elk.
Improving Escambia River, Florida and Alabama, eight thousand dollars.	Escambia.
Improving Suwannee River, Florida, five thousand dollars.	Suwannee.
Improving Tampa Bay, Florida, deepening the bar and channel from the bar to the town of Tampa, ten thousand dollars.	Tampa Bay.
Improving Tangipahoa River, Louisiana, five thousand dollars.	Tangipahoa.
Improving channel over bar at mouth of Brazos River, Texas, including a report upon the capacity of the harbor at the mouth of the Brazos and its adaptability as a harbor of refuge and naval station, forty thousand dollars.	Brazos.
Improving Saline River, Arkansas, seven thousand five hundred dollars.	Saline River.
Survey of Missouri River, from its mouth to Sioux City, Iowa, thirty thousand dollars, of which sum five thousand dollars may be used, in the discretion of the Secretary of War, in protecting the work done on said river at or near Sioux City, Iowa.	Missouri River, survey authorized.
Improving Missouri River at Saint Charles, Missouri, twenty-five thousand dollars.	
Improving Mississippi River at and above the city of Alexandria, Missouri, ten thousand dollars.	Mississippi River.
Improving Caney Fork River, Tennessee, six thousand dollars.	Caney Fork.
Improving Obed's River, Tennessee, four thousand dollars.	Obed's River.
Improving Monongahela River, West Virginia, at or near Laurel Run, according to plan recommended by engineer in charge, twenty-five thousand dollars.	Monongahela.
Improving Little Kanawha River, West Virginia, building additional lock and dam, fifteen thousand dollars.	Little Kanawha.
Improving Wilson Harbor, New York, ten thousand dollars.	Wilson Harbor.
Improving Waddington Harbor, New York, three thousand dollars.	Waddington Harbor.
Improving San Joaquin River, California, twenty thousand dollars.	San Joaquin River.
Improving Mattaponi River, Virginia, two thousand five hundred dollars.	Mattaponi.
Improving Petalumas Creek, California, eight thousand dollars.	Petalumas Creek.
Improving Cowlitz River, Washington Territory, two thousand dollars.	Cowlitz.
Improving Big Hatchie River, Tennessee, ten thousand dollars.	Big Hatchie.
Improving Mississippi River at or near Cape Girardeau and Minton's Point, Missouri, twenty thousand dollars.	Mississippi.
Improving Gasconade River Missouri, removing snags, five thousand dollars.	Gasconade.
Improving Black River, Arkansas fifteen thousand dollars.	Black River.
Improving Noxubee River, Mississippi, twelve thousand dollars.	Noxubee.
Improving Mississippi River at Hannibal, Missouri, twenty-five thousand dollars.	Mississippi.
Improving and surveying Winnipiseogee Lake, New Hampshire, five thousand dollars.	Winnipiseogee Lake.
Improving Duck River, Tennessee, seven thousand dollars.	Duck River.
Improving Waccemaw River, South Carolina, from the mouth up to Waccamaw Lake, North Carolina, fifteen thousand dollars.	Waccemaw River.
Improving Great Pedee River, South Carolina, seven thousand dollars.	Great Pedee.
Improving Totusky River, Virginia, two thousand five hundred dollars.	Totusky River.
Improving York River at West Point, Virginia, ten thousand dollars.	York.
Improving Pamunkey River, Virginia, two thousand five hundred dollars.	Pamunkey.

- Rivers—Cont'd.  
French Broad. Improving French Broad River, Tennessee, between Knoxville and the mouth of Big Creek, ten thousand dollars.
- Repairs of pier,  
Rocky River. For repair of pier in Rocky River, Ohio, four thousand dollars.
- Ice-harbor, Saint  
Louis. For ice-harbor at Saint Louis, Missouri, fifty thousand dollars: *Provided*, That no part of this sum shall be expended until a board of engineers shall have been convened and determined upon a plan for the construction of the work.
- Proviso.*
- Rock Island  
Harbor. Improving harbor at Rock Island, Illinois, six thousand dollars.
- Marcus Hook,  
ice-harbor. For ice-harbor at Marcus Hook, Pennsylvania, commencing enlargement of piers and dredging, thirty-five thousand dollars.
- Shenandoah.  
Connecticut. Improving Shenandoah River, West Virginia, fifteen thousand dollars.
- Improving Connecticut River, between Hartford and Holyoke, fifteen thousand dollars.
- Rock Island  
bridge. For protecting Rock Island bridge by means of sheer-booms, one thousand dollars: *Provided*, Said sum shall not be expended until the Rock Island Railroad Company shall have contributed a like sum for said purpose.
- Proviso.*
- Waukegan Har-  
bor. For harbor at Waukegan, Illinois, fifteen thousand dollars: *Provided*, That this sum shall not be expended until a board of three engineers shall have been convened and selected the site, and until the same and a free right of way to all points of the harbor shall have been transferred or relinquished, free of cost to the United States.
- Proviso.*
- Clinch River. Improving Clinch River, Tennessee, ten thousand dollars; of which sum six thousand dollars shall be expended above Haynes, in Clayburn County, and four thousand dollars below said point.
- Oakland Har-  
bor. Improving Oakland Harbor, California, sixty thousand dollars; and the sums of money heretofore appropriated for this improvement and un-  
Reappropriation. expended are hereby reappropriated, but the sums so appropriated and reappropriated shall not be available until the right of the United States to the bed of the estuary and training-walls of this work is secured, free of expense to the government, in a manner satisfactory to the Secretary of War.
- Sullivan's  
Island. Improving Sullivan's Island for protection of Charleston Harbor, South Carolina, five thousand dollars.
- Channel between  
Staten Island and  
New Jersey. Improving channel between Staten Island and New Jersey, at Elizabethport, twenty nine thousand dollars.
- Missouri River. Improving Missouri River at Lexington, Missouri, fifteen thousand dollars.
- Kewaunee Har-  
bor. The Secretary of War is hereby authorized to assign an engineer from the Corps of Engineers of the United States to prepare a plan and advise with the local engineer in the expenditure of such sum as may be appropriated by the local authorities for the improvement of the harbor at Kewaunee, Wisconsin.
- Volusia Bar. Improving Volusia Bar, Florida, five thousand dollars; and the Secretary of War is hereby authorized to make such special contract for the prosecution of this work as may, in his judgment, best promote the interests of the government.
- Louisville and  
Portland Canal,  
tolls. The balance in hand, after payment of any existing liability, collected heretofore as tolls on the Louisville and Portland Canal, or which may hereafter be so collected prior to the passage of an act to make said canal free to the public, is hereby authorized to be expended for its improvement: *Provided*, Such expenditure shall not exceed sixty thousand dollars.
- Proviso.*
- Yellowstone. Improving Yellowstone River, Montana and Dakota, fifteen thousand dollars.
- Brazos Santiago  
Harbor. Improving harbor at Brazos Santiago, Texas, twenty-five thousand dollars.
- Sebewaing Har-  
bor. For continuing the improvement of Sebewaing Harbor, Michigan, seven thousand dollars.

For improvement of the entrance to Yaquina Bay, Oregon, forty thousand dollars.	Yaquina Bay.
For improvement of the mouth of Coquille River, Oregon, ten thousand dollars.	Coquille River.
Improving Savannah River, above Augusta, Georgia, sixteen thousand dollars.	Savannah.
Improving the entrance to Cumberland Sound, between Amelia and Cumberland Islands, in the States of Florida and Georgia, according to the plans and estimates of General Gillmore, the chief engineer, reported to this Congress, thirty thousand dollars.	Cumberland Sound.
Improving Saint John's River, Florida, by deepening the bar at the mouth thereof, according to the report of the Chief of Engineers made to the Secretary of War and reported to this Congress, one hundred and twenty-five thousand dollars.	Saint John's River.
For the reservoirs at the headwaters of the Mississippi River, to be used in the construction of a dam at Lake Winnibigoshish, seventy-five thousand dollars: <i>Provided</i> , That all injuries occasioned to individuals by overflow of their lands shall be ascertained and determined by agreement or in accordance with the laws of Minnesota, and shall not exceed in the aggregate five thousand dollars.	Headwaters of Mississippi. <i>Proviso.</i>
Such parts of the money appropriated by this act for any particular improvement requiring locks and dams, as may be necessary in the prosecution of such improvement, may be expended in the purchase, voluntary or by condemnation, as the case may be, of necessary sites: <i>Provided</i> , That such expenditure shall be under the direction of the Secretary of War: <i>And provided further</i> , That if the owners of such lands shall refuse to sell them at reasonable prices, then the prices to be paid shall be determined and the title and jurisdiction procured in the manner prescribed by the laws of the State in which such lands or sites are situated.	General provisions.  <i>Proviso.</i> <i>Proviso.</i>
It shall be the duty of the Secretary of War to apply the money herein appropriated for improvements other than surveys, and estimates in carrying on the various works as far as can be, without detriment to the interest of the government, by contract. Where such works cannot be done by contract, without injury to the public interest, they may be prosecuted by hired labor. Where said works are done by contract, such contract shall be made after sufficient public advertisement for proposals, in such manner and form as the Secretary of War shall prescribe; and such contracts shall be made with the lowest responsible bidders, accompanied by such securities as the Secretary of War shall require, conditioned for the faithful prosecution of the work according to such contract, and for the proper payment of all liabilities incurred in the prosecution thereof for labor and material; but this clause shall not be so construed as to prevent the continuance of work on the Great Kanawha by hired labor, unless the Secretary of War is satisfied that the public interest requires such change.	Contracts.  Hired labor. Advertisement.  Performance and payment for all material and labor to be secured.  Work on Great Kanawha excepted from paragraph.
SEC. 2. That the Secretary of War is hereby directed, at his discretion, to cause examinations or surveys, or both, and estimates of cost of improvements proper, to be made at the following points, namely:	Surveys, examinations, and estimates of cost of improvements proper to be made.
Tallapoosa River, from the junction of Coosa up to Tallassee, Alabama.	
New Rochelle Harbor, Westchester County, New York, from City Island to the town of New Rochelle.	
Bronx River, or West Farms tide-water creek, from its mouth in the city of New York.	
Mattawan Creek, from Raritan Bay channel to Central Railroad bridge, head of navigation.	
Malden River, Massachusetts.	
For improving Richmond Harbor on the Kennebec River, Maine.	
Clinch River, in the counties of Hancock, Hawkins, and Claiborne, Tennessee, and Scott and Russell Counties, Virginia.	
Powell River, in the counties of Hancock and Claiborne, Tennessee, and Lee County, Virginia.	

Surveys and examinations—Continued.

Holston River, in the counties of Sullivan, Hawkins, Grainger, and Hamblen, Tennessee, and Washington and Scott Counties, Virginia.

Ticonderoga River, New York.

Edistoe and Salkiehatchie Rivers, in South Carolina.

Georgetown Harbor, South Carolina.

Lynch's River, South Carolina.

Waterie River, from Camden, South Carolina, to its mouth.

Black River, from Kingstree, South Carolina, to its mouth.

Rancocas River, from the Delaware River to Pemberton, Burlington County, New Jersey.

Absecom Inlet, Atlantic County, New Jersey.

Bayou Bartholomew, Tensas River, and Bayou Macon, Louisiana.

Sandusky River, near Freemont, Ohio.

Chagrin River, Ohio.

Ice-harbor, Bellaire, Belmont County, Ohio.

Toledo Harbor, Ohio, for depth of sixteen feet.

Tallapoosa River, from the city of Montgomery to Tallassee.

Neabsco Creek, a tributary of the Potomac.

Maumee River, Ohio, from Perrysburg to the city of Toledo.

Mississippi River, at Saint Genevieve, Missouri.

Missouri River, at Boonville, Missouri.

Saint Francis River, from Greenville.

Youghiogheny River, to begin at its mouth at McKeesport, Allegheny County, Pennsylvania, and end at Connellsville, Fayette County, Pennsylvania.

Cape Fear River, North Carolina, between Wilmington and Fayetteville, with the view of ascertaining cost and practicability of clearing away logs and overgrowing trees and of dredging out such shoals as now interfere with commerce, itemizing cost of each separately.

Town Creek, North Carolina: To ascertain cost of taking out such shoals as interfere with ordinary river steamboat traffic.

For the reopening of the Santee Canal.

For the improvement of Wappoo Cut, South Carolina.

Calcasieu River, Bayous Plaquemine, Black, Grand Caillon, Little Caillon, Andre, Fusilier, Grand Lake, Little Lake, and Barataria Bay, from New Orleans to Grand Pass.

For Snake River in Minnesota.

The headwaters of the Savannah River, in connection with the headwaters of the Hiwassee and Tennessee Rivers, with a view of ascertaining if a summit level can be secured of the waters of these respective streams, so as to unite them by a canal; that is to say, to ascertain if the waters of the Hiwassee and Tennessee Rivers can be united with the waters of the Savannah River by means of a canal.

The Savannah River, from Savannah to Augusta, Georgia.

The Altamaha River, Georgia.

The Canoochee River, Georgia.

Romney Marsh, near Doboy, and the mouth of Jekyl Creek.

Niagara River, at the mouth of the Tonawanda Creek, New York.

At Port Day, above the Falls of Niagara, New York.

Shark River, New Jersey.

Perth and South Amboy to main ship-channel off Great Kills, Raritan Bay.

Improving the bayou south of Milwaukee Harbor for additional purposes of a harbor of refuge at Milwaukee; also, Milwaukee Bay.

Finholloway River, Florida.

Aucilla and Wacissa, Florida.

Chipola River, Florida.

Ocolockonnee River, Florida.

Holmes Creek, Florida.

Potomac River at the mouth of Pohick Creek.

The bars at the entrance of Annapolis Harbor, with a view to ascer-

tain the character of jetties necessary to render the proposed improvement permanent.

Surveys and examinations—Continued.

- For Hempstead Harbor in the State of New York.
- Sumpawaums Inlet, Long Island, New York.
- For water-way connecting Jamaica Bay with Cornell's Landing in the State of New York.
- Saint Francis River, from Greenville, Missouri, to the Cairo, Arkansas and Texas Railroad.
- Currant River, from Van Buren, Missouri, to its mouth in Arkansas.
- Chicago River, from its mouth to the junction of the North and South Branches.
- Grand River below Grand Rapids, Michigan.
- Swan Creek, Lake Saint Clair, Michigan.
- South Fork of the Cumberland River, Kentucky.
- Red River, from Port Royal, Montgomery County, Tennessee, to its mouth.
- Mouth of Narraguagus River at Milbridge, Maine.
- Cahaba River, Alabama, from its mouth, in Dallas County, to the northern line of Bibb County.
- Empire Bay, Lelanawau County, Michigan.
- Mississippi River, at Andalusia, Illinois.
- Missouri River, at Yankton, Dakota.
- Upper Red River of the North, between Fargo, Dakota, and Breckinridge, Minnesota.
- Atchafalaya River, Louisiana, from Berwick's Bay to mouth of Red River.
- Ice-harbor at the head of Delaware Bay, near Morris Liston's, on Reedy's Island.
- Delaware River, survey of.
- Tradewater River, Kentucky.
- Harbor at Grand Gulf, Mississippi.
- Ogdensburg Harbor, New York.
- Maramec River, Missouri, from the mouth to the point opposite Maramec Iron Works, Missouri.
- Mississippi River, at Louisiana, Missouri.
- Obion River, Tennessee.
- South Forked Deer River, Tennessee.
- North Forked Deer River, Tennessee.
- That part of the North Branch of the Chicago River lying in the town of Lake View.
- Bogue Chitto River, Louisiana, from its mouth to Franklinton.
- Bogue Falia, Louisiana, from its mouth to twenty-five miles above Covington.
- West Pearl River.
- Pass Manchac and Bayou Manchac, Louisiana, from its mouth to the Mississippi River.
- Mississippi River, at Sauk Rapids, near the city of Saint Cloud, Minnesota.
- Grand River, below Grand Rapids, Michigan.
- Gowanus Bay, New York.
- Grass River, at Massena, Saint Lawrence County, New York.
- Missouri River, from Tuque Creek to one mile west of Charette Creek, Warren County, Missouri.
- Cache River, Arkansas, a tributary of White River.
- The Bay, a tributary of Saint Francis River, Arkansas.
- Mouth of Grand River and Missouri River, at Brunswick, with reference to boat-landing at Brunswick, Missouri.
- Buffalo Bayou, Texas, from Simm's Bayou to the mouth of White Oak Bayou at Houston. Return estimates of the cost of a channel twelve feet deep and one hundred feet wide, also a channel twelve feet deep and one hundred and fifty feet wide.
- Mouth of Currioman Bay, Virginia.

Surveys and examinations—Continued.

East Bay and Blackwater River, Florida.

The Ohio River, at the head of Hurricane Island and Elizabethtown, Illinois.

Chester and Ridley Creeks, near their outlets into the Delaware River, Pennsylvania.

Saint Mary's River, from the town of Saint Mary's to its mouth, Ohio.

Minnesota River, near the village of Belle Plain, with a view to prevent the breaking away of the banks of the narrow neck of land opposite said village and injury to the navigation of said river, in Minnesota.

The Nomoni River, from the ferry across the same to the head of tide-water.

The Appoquinimink Creek, Delaware.

Patchogue River, New York.

For opening channel between Lloyd's Harbor and Cold Spring Bay, New York.

Stillaquamish River, Nooksack River, and Snohomish River, in Washington Territory.

Wareham Harbor, Massachusetts.

Red Bank Creek, Pennsylvania, from its mouth on the Allegheny River, to Brookville.

Saint Jones Creek, in Kent County, Delaware, and Little Creek, in Kent County, Delaware.

Clinton River and Lake Saint Clair, at the mouth of Clinton River, Michigan.

For the construction of two ice-breakers in the Ohio River, near the West Virginia shore, and below the railroad bridge crossing said river at Parkersburg.

Ice-harbor at Point Pleasant, West Virginia.

Christiana River, Delaware, from the Delaware Railroad bridge, to the mouth of the river, with an estimate of the cost of procuring a mean depth of fifteen feet in the channel thereof.

For the opening of a ship-canal across the Charleston Neck, South Carolina.

Chester River, between Kirby's Landing and Spry's Landing, Maryland.

Water-passage between Deal's Island and Little Deal's Island, Maryland.

Bœuf River, North Louisiana.

Potowomut River, Rhode Island.

For a harbor on Lake Michigan, at Kewaunee, Wisconsin.

For the opening of steamboat communication from the Saint John's River, Florida, by way of Topokalija Lake, to Charlotte Harbor or Pease Creek.

The Missouri River at Niobrara, Nebraska.

Pocossion and Lillington Rivers, and Beaufort Harbor, North Carolina.

Debris from mines.

The Secretary of War is hereby directed to cause to be made such examination and surveys as may be necessary to devise a system of works to prevent the further injury to the navigable waters of California from the debris from the mines, and the estimates of the cost of such works, and report the result of such examinations, surveys, and estimates of cost of proposed works made in pursuance hereof to Congress at its next session.

Humboldt Bay, Cal.

The Secretary of War is hereby directed to cause an examination to be made to determine the work necessary to be done, and the cost of the same, to improve the channels inside the bar of Humboldt Bay, California.

Ship-canals.

That for the purpose of making a survey to ascertain the practicability and cost of construction of a ship-canal from Lake Erie, by the Maumee and Wabash Valleys, in the bed of the old Wabash and Erie Canal, or with any variation therefrom that may prove feasible, to the navigable waters of the Wabash River; also for a survey and estimate of cost of

a similar canal from Junction City, on the Wabash and Erie Canal, to the Ohio River, by way of the Miami and Erie Canal, or any variation in route to produce the most practical and least expensive ship-canal from Lake Erie to the navigable waters of the Ohio River by the above routes, the estimates in each case to be for a water channel and locks of the same size and capacity as those of the present enlarged Erie Canal in New York.

Surveys and examinations—Continued.

Sinslaw Bay, Oregon.

Of the sum of one hundred and fifty thousand dollars herein appropriated for surveys and examinations, the sum of fifteen thousand dollars may be expended in the completion of the survey of the reservoir system on the headwaters of the Mississippi River, including Rock River, in Wisconsin and Illinois.

SEC. 3. That for the examinations and surveys herein provided for, and for incidental repairs of harbors, for which there is no special appropriation, the sum of one hundred and fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and in every case where examinations or surveys are made, the report thereon shall embrace such information concerning the commercial importance, present and prospective, of the improvement contemplated thereby, and such general commercial statistics, as the Secretary of War may be able to procure.

Appropriation for surveys, &c.

SEC. 4. Whenever hereafter the navigation of any river, lake, harbor, or bay, or other navigable water of the United States, shall be obstructed or endangered by any sunken vessel or water-craft, it shall be the duty of the Secretary of War, upon satisfactory information thereof, to cause reasonable notice, of not less than thirty days, to be given, personally or by publication, at least once a week in the newspaper published nearest the locality of such sunken vessel or craft, to all persons interested in such vessel or craft, or in the cargo thereof, of the purpose of said Secretary, unless such vessel or craft shall be removed as soon thereafter as practicable by the parties interested therein, to cause the same to be removed. If such sunken vessel or craft and cargo shall not be removed by the parties interested therein as soon as practicable after the date of the giving of such notice by publication, or after such personal service of notice, as the case may be, such sunken vessel or craft shall be treated as abandoned and derelict, and the Secretary of War shall proceed to remove the same. Such sunken vessel or craft and cargo and all property therein when so removed shall, after reasonable notice of the time and place of sale, be sold to the highest bidder or bidders for cash, and the proceeds of such sales shall be deposited in the Treasury of the United States to the credit of a fund for the removal of such obstructions to navigation, under the direction of the Secretary of War, and to be paid out for that purpose on his requisition therefor. The provisions of this act shall apply to all such wrecks whether removed under this act or under any other act of Congress. Such sum of money as may be necessary to execute this section of this act is hereby appropriated, out of any money in the Treasury of the United States not otherwise appropriated, to be paid out on the requisition of the Secretary of War.

Navigation obstructed by sunken vessels or water-craft.

Notice given to persons interested to remove same.

Removal.

Sunken vessels, cargoes, and all property removed by the government to be sold and proceeds deposited in the Treasury to credit of a fund for removal of obstructions.

Appropriation.

Approved, June 14, 1880.

CHAP. 212.—An act to change the name of yacht Niantic to that of Hildegarde.

June 14, 1880.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That authority is hereby given to the owner of the yacht now known as the Niantic of New York to change the name of said yacht to that of Hildegarde.*

Yacht Niantic.

Approved, June 14, 1880.