

## Statement showing rank and duties of officers of Corps of Engineers—Con'd.

RANK AND NAME.	DUTIES.
COLONELS. (continued.)	ware River below Bridesburg, Pa., between Trenton and White Hill, N. J., at or near Cherry Island Flats, and at Schooner Ledge. Examination or survey of the Delaware River at Chester and Marcus Hook, Pa., for an ice harbor, and the Susquehanna River, Pa.
James H. Simpson ..... <i>Bvt. Brig. General.</i>	In charge of improvement of Mississippi River between the mouths of the Illinois and Ohio rivers, and Osage River in Missouri and Kansas. Member of Board of Engineer Officers on improvement of low-water navigation of the Missouri River, and local member of the Board on improvement of low-water navigation of the Mississippi River. Examination and survey of Mississippi River for a dike near Bloody Island. Survey and estimates of damages to riparian owners on Mississippi River near Venice, Ill. Examination or survey of Alton Harbor, Ill., and the Mississippi River opposite to mouth of the Missouri.
Israe C. Woodruff ..... <i>Bvt. Brig. General.</i>	On detached service; Engineer 3d Lighthouse District. Died December 10, 1878, at Tompkinsville, N. Y.
Z. B. Tower ..... <i>Bvt. Major-General.</i>	Member of Board of Engineers for Fortifications. Member of Board of Engineer Officers on improvement of low-water navigation of the Mississippi and Missouri rivers. Member of Board of Engineer Officers on improvement of Charleston Harbor, S. C. Member of Board of Engineer Officers on harbor of refuge at or near Cincinnati, Ohio. Member Board of Engineer Officers appointed under provision of act of Congress approved June 19, 1878, to examine and report progress of construction of works at South Pass of Mississippi River. Member Board of Engineer Officers on improvement of Shrewsbury River, N. J. Member of Board of Engineer Officers on improvement of Savannah River and Harbor. Member Board of Engineer Officers on improvement of Pass Cavallo Inlet into Matagorda Bay, and of Aransas Pass and Bay up to Rockfort and Corpus Christi, Tex., and also the continuation of improvement of the entrance to Galveston Harbor.
Horatio G. Wright ..... <i>Bvt. Major-General.</i>	Member Board of Engineers for Fortifications. Member of Commission on repavement of Pennsylvania Avenue, Washington, D. C. Member of Board of Engineer Officers on improvement of low-water navigation of the Mississippi and Missouri rivers. Member of Board of Engineer Officers on improvement of Charleston Harbor, S. C. On temporary duty in the office of the Chief of Engineers from July 13, 1878. Acting Chief of Engineers from July 29, 1878, until November 9, 1878. Supervision of such matters connected with construction of jetties and other works at South Pass of the Mississippi River, as require the action of the Secretary of War. Member of Board of Engineer Officers appointed under provision of act of Congress approved June 19, 1878, to examine and report progress of construction of works at South Pass of the Mississippi River. Acting Chief of Engineers from December 16 to 22. Acting Chief of Engineers from February 10, 1879. During the absences of the Chief of Engineers to act as member of Board to examine and revise the exterior and bulkhead lines of the harbor of New York on the Staten Island side, and of the Board to co-operate with the authorities of the State of New York in examining and deciding upon exterior pier and bulkhead lines on Hudson River

## Statement showing rank and duties of officers of Corps of Engineers—Con'd.

RANK AND NAME.	DUTIES.
COLONELS. (continued.)	from State dam at Troy to the city of Hudson. Commissioned June 13, 1879, Colonel, Corps of Engineers, to date from March 4, 1879. Commissioned Chief of Engineers, with the rank of Brigadier General, to date from June 30, 1879.
LIEUTENANT-COLONELS.	
John Newton ..... <i>Bvt. Major-General.</i>	In charge of improvement of the Hudson River, Harlem River, Echo Harbor, and East Chester Creek, N. Y., Otter Creek, Vt., Passaic and Raritan rivers, N. J.; removal of obstructions in the East River, including Hell Gate, N. Y.; improvement of channel between Staten Island and New Jersey; harbor improvements at Burlington and Swanton, Vt., Rondout, Port Chester, and Plattsburgh, N. Y., and manufacture and supply of mastic. Member of Board of Engineer Officers on improvement of Charleston Harbor S. C. Member of Board to examine and revise the exterior and bulkhead lines of New York Harbor along Staten Island side. To co-operate with the authorities of the State of New York in examining and deciding upon exterior pier and bulkhead lines on Hudson River from State dam at Troy to the city of Hudson. In charge of survey of Flushing Bay, coast of Long Island, between Coney Island Point and Rockaway Inlet, Sheepshead Bay, Canarsie Bay, and East River at Newtown Creek, N. Y. Member of Board of Engineer Officers on improvement of Shrewsbury River, N. J. Member of Board of Engineer Officers for the examination of certain named officers for promotion in the Corps of Engineers. Member of Board of Engineer Officers on improvement of Savannah River and Harbor. In charge of improvement of Flushing Bay, N. Y.; survey of East River at Newtown Creek, N. Y. Examination or survey of South River, N. J., between Raritan River and Old Bridge; Cheesequakes Creek, N. J., and ship-canal across Bergen Neck in Hudson County, N. J. Member of Board of Engineer Officers on improvement of Pass Cavallo Inlet into Matagorda Bay and of Aransas Pass and Bay up to Rockport and Corpus Christi, Tex., and also the continuation of the improvement of the entrance to Galveston Harbor. Commissioned July 3, 1879, Colonel, Corps of Engineers, to date from June 30, 1879.
George Thom ..... <i>Bvt. Brig. General.</i>	In charge of improvement of rivers St. Croix, Machias, Penobscot, Kennebec, Kennebunk, Me., Coheco, N. H., and Merrimac, Mass.; of harbors of Camden, Gut opposite Bath, Portland, Richmond's Island, Belfast, Me., Gloucester, Salem, Boston, Plymouth, and Provincetown, Mass. Survey of Portsmouth Harbor, N. H., Scituate Harbor and Charles River, Mass., Lincolnville Harbor and Lubec Channel, Me. Improvement of Lubec Channel, Me., and Portsmouth Harbor, N. H. Examination or survey of Cathance River, Me., and Aroostook River, Me., from boundary line to Masardis; Moose-a-bee Bar at Jonesport, Me., and the outlet of Lake Winnepesaukee, N. H.
Barton S. Alexander .... <i>Bvt. Brig. General.</i>	Senior Engineer charged with general supervision and inspection of all matters under the command of the Chief of Engineers within the Pacific territory. Member of Board of Engineers for the Pacific Coast. In charge of examination of Crescent City Harbor, and Humboldt River, Cal. Died December 15, 1878, at San Francisco, Cal.

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RANK AND NAME.	DUTIES.
LIEUTENANT-COLONELS. (continued.)	
William F. Reynolds.... <i>Bvt. Brig. General.</i>	On detached service; Engineer 4th Lighthouse District.
Charles S. Stewart.....	In charge of construction of fortifications at Fort Point, Point San José, and Angel Island, San Francisco, and at San Diego, Cal., and improvement of San Diego Harbor and San Joaquin River, Cal. Member of Board of Engineers for the Pacific Coast. In charge of survey of the Colorado River of the West from Fort Yuma to El Dorado Cañon; examination of the harbors of San Luis Obispo, San Buenaventura, Trinidad, and Santa Barbara, Cal. Member Board of Survey to make inventory of public money and property for which the late Lieutenant-Colonel Alexander was responsible at time of death.
Charles E. Blunt..... <i>Bvt. Colonel.</i>	In charge of construction of forts Gorges, Preble, Scammel, Popham, Knox, and Battery at Portland Head, Me., and forts Constitution and McClary, and batteries on Jerry's Point and Gerrish's Island, Portsmouth Harbor, N. H.
James C. Duane..... <i>Bvt. Brig. General.</i>	In charge of construction of forts Gorges, Preble, Scammel, Popham, Knox, and Battery at Portland Head, Me., and forts Constitution and McClary, and batteries on Jerry's Point and Gerrish's Island, Portsmouth Harbor, N. H. Engineer 1st, 2d, and 3d Lighthouse Districts.
Robert S. Williamson...	Member of Board of Engineers for the Pacific Coast. Engineer 12th Lighthouse District.
Quincy A. Gillmore..... <i>Bvt. Major-General.</i>	In charge of construction of forts Wadsworth, Tompkins and its batteries, N. Y., Macon and Caswell, N. C., Moultrie, Sumter, Johnson, and Castle Pinckney, S. C., Jackson and Pulaski, Ga., Clinch and Marion, Fla., and temporary charge of forts Monroe and Wool, Va.; improvement of the bar at the mouth of St. John's River, and of the inside passage between St. John's River and Nassau Inlet, Fla., Charleston Harbor, S. C., Savannah River and Harbor, and Harbor of Darien, Ga. Member of Board to test the strength and value of all kinds of iron, steel, and other metals submitted to it. Member of Commission on repavement of Pennsylvania Avenue, Washington, D. C. Member of Board of Engineer Officers on improvement of Charleston Harbor, S. C. Examination and survey for a ship-canal from St. Mary's River, Fla., to Gulf of Mexico; survey of St. John's River, Fla., and Savannah River above Augusta, Ga. Member of Board of Engineer Officers for the examination of certain named officers for promotion in the Corps of Engineers. Member Board of Engineer Officers on improvement of Savannah River and Harbor, Ga. In charge of improvement of St. Augustin's Creek and Brunswick Harbor, Ga., and inside passage between Fernandina and St. John's, Fla. Examination or survey of Broad and Port Royal rivers, S. C., and entrance to Cumberland Sound, Fla., and Ga. Member Board of Engineer Officers on improvement of Pass Cavallo Inlet into Matagorda Bay and of Aransas Pass and Bay up to Rockport and Corpus Christi, Tex., and also the continuation of improvement of the entrance to Galveston Harbor.

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RANK AND NAME.	DUTIES.
LIEUTENANT-COLONELS. (continued.)	
Thos. Lincoln Casey.... <i>Bvt. Colonel.</i>	In charge of the 1st and 2d Divisions, Office of the Chief of Engineers; of Public Buildings and Grounds and certain Public Works in the District of Columbia; of work upon the building for the State, War, and Navy Departments, of the Washington Aqueduct, and the construction of the Washington National Monument. Member of Board to advise upon the ventilation of the Hall of the House of Representatives. Member of Board to supervise the fire-proof reconstruction of the Patent Office Building.
Nathaniel Michler..... <i>Bvt. Brig. General.</i>	In charge of improvement of harbors of Port Clinton, Monroe, Toledo, Sandusky City, Huron, Vermillion, and Black River on Lake Erie. On detached service; Military Attaché to United States Legation at Vienna.
John G. Parke..... <i>Bvt. Major-General.</i>	In charge of the 3d Division, Office of the Chief of Engineers. Member of Board of Officers to prescribe rules and regulations for contracts under the War Department. Commissioned June 13, 1879, Lieutenant-Colonel, Corps of Engineers, to date from March 4, 1879.
Gouverneur K. Warren.. <i>Bvt. Major-General.</i>	In charge of construction of defenses of New Bedford Harbor, Mass., Narragansett Bay, R. I.; improvement of harbors of Wareham, Hyannis, Fall River, and New Bedford, Mass., Wickford and Newport, R. I.; improvement of rivers Taunton, Mass., Pawtucket and Providence, R. I., and Pawcatuck, R. I., and Conn., and Connecticut, Mass. and Conn.; Narragansett Bay, R. I., and Little Narragansett Bay, R. I., and Conn.; construction of Breakwater at Block Island, R. I. Member of Board to report upon map, location, plans, &c., for construction of pier and abutment of bridge at Fort Snelling, Minn. Preparing report on improvement of Mississippi River from Falls of St. Anthony to Rock Island Rapids. A witness before the Board convened at West Point, N. Y., to examine the merits of the case of General Fitz John Porter in connection with the record of his trial by court-martial. In charge of survey of Westport Harbor and Wood's Holl, Mass. Survey of the battle-field of the Second Bull Run Battle, Va. Member of Board of Engineer Officers on the Ohio River bridges. Member of Advisory Council of the Harbor Commissioners of the State of Rhode Island. Preparing map of movements of Army of the Potomac in the Gettysburg campaign while Chief Engineer at that headquarters. In charge of improvement of entrance to Wood's Holl, Mass. In charge of examination or survey of Nantucket Harbor, Mass. Commissioned June 13, 1879, Lieutenant-Colonel, Corps of Engineers, to date from March 4, 1879.
MAJORS.	
George H. Mendell..... <i>Bvt. Colonel.</i>	In charge of construction of fort on Alcatraz Island, and of defenses at Lime Point, San Francisco Bay; breakwater at Wilmington Harbor, Cal.; improvement of Oakland Harbor, and Sacramento and Feather rivers, Cal. Member of Board of Engineers for the Pacific Coast. Member of Advisory Board of Commissioners on the Harbor Lines of San Francisco. Member of Board of Survey to make inventory of public money and property for which the late Lieutenant-Colonel Alexander was responsible at time of death. In charge of examination or survey of Sacra-

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RANK AND NAME.	DUTIES.
MAJORS. (continued.)	mento River and Petaluma Creek, Cal. Commissioned July 3, 1879, Lieutenant-Colonel, Corps of Engineers, to date from June 30, 1879.
Henry L. Abbot ..... <i>Bet. Brig. General.</i>	Commanding Engineer Depot and Post of Willets Point and Battalion of Engineers. In charge of construction of Fort Schuyler and fort at Willets Point, N. Y., and of experiments with torpedoes. Member of Board of Engineers for Fortifications in connection with torpedo defense. Temporary member of Board of Engineer Officers on improvement of low-water navigation of the Mississippi and Missouri rivers. Member Board of Visitors appointed by the President to the United States Military Academy.
William P. Craighill.... <i>Bet. Lieut. Colonel.</i>	Member of Board for survey of the harbor of Baltimore City and adjacent waters. On duty in Europe for the purpose of gathering professional information respecting the construction of movable dams and similar structures. In charge of construction of defenses of Baltimore, Md., and Washington, D. C.; improvement of Chester, Wicomico, Elk, and Pocomoke rivers, Md., James and Appomattox rivers, Va., Great Kanawha, New, and Elk rivers, West Va., and Cape Fear River, N. C., harbor of Baltimore, and inner harbor at Cambridge, Md. Member of Board of Engineer Officers on movable dams in the improvement of the Upper Fox River, Wis. Survey for ship-canal to connect Delaware and Chesapeake Bays; survey and examination of Annapolis Harbor, West Branch of Patapsco River, Md., and New River from the Lead Mines in Wythe County, to mouth of Wilson in Grayson County, Va. Examination or survey of Nanticoke River, Del. and Md.; Chincoteague Inlet, Va., channel leading into Cabin Creek, Northeast River, Tread Haven Creek, Slaughter Creek, Choptank River, and Secretary Creek, Md., and survey of Broad Creek, Del., and Tuckahoe Creek, Md. Improvement of harbors of Queenstown, Md., and Onancock, Va. In charge of examination or survey of Shenandoah River, Va. and W. Va. In charge of removal of bar at Spesutie Island, Md.
Cyrus B. Comstock ..... <i>Bet. Brig. General.</i>	In charge of the survey of Northern and Northwestern Lakes, and survey of the Mississippi River. Local member of Board of Engineer Officers on improvement of low-water navigation of the Mississippi River. Detailed to report upon the depth and width of a channel secured and maintained by jetties constructed by James B. Eads at the mouth of the Mississippi River. Member of Board of Engineer Officers to report on the feasibility of utilizing the water-power of the Des Moines Rapids Canal. Member of Board of Engineer Officers on harbor of Dubuque.
Godfrey Weitzel ..... <i>Bet. Major-General.</i>	In charge of works of improvement of the Falls of the Ohio River and Louisville and Portland Canal; of St. Mary's Falls Canal, St. Mary's and Detroit rivers, Mich., Harbor of Refuge on Lake Huron. Engineer 11th Lighthouse District. Member of Board of Engineer Officers to report on the feasibility of utilizing the water-power of the Des Moines Rapids Canal. In charge of examination or survey of approaches from Lake Superior to St. Mary's Falls Ship-Canal.
Orlando M. Poe ..... <i>Bet. Brig. General.</i>	On detached service; Aide-de-Camp on the personal staff of the General of the Army with the rank of Colonel. Member of Lighthouse Board. Member of Board of Engineer

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RANK AND NAME.	DUTIES.
MAJORS. (continued.)	Officers to meet in pursuance of provision of act of Congress approved January 13, 1879, for the relief of the legal representatives of George Williams, deceased, contractor for building locks of Muscle Shoals Canal, Tennessee River.
David C. Houston ..... <i>Bet. Colonel.</i>	In charge of harbor improvements at Milwaukee, Racine, and Kenosha; improvement of the Fox and Wisconsin rivers. Member of Board of Engineer Officers on outer harbor at Chicago, Ill., and harbor at Michigan City, Ind. Survey of Wolf River, Wis. Member of Board of Engineer Officers on movable dams in improvement of Upper Fox River, Wis. Local member of Board of Engineer Officers on improvement of low-water navigation of the Mississippi and Missouri rivers, during the consideration of the question of improving the Wisconsin River. Member of Board of Engineer Officers to report on the feasibility of utilizing the water-power of the Des Moines Rapids Canal. Member of Board of Engineer Officers on harbor of Dubuque, Iowa. In charge of examination or survey of Wolf and Oconto rivers, Wis., and Waukegan Harbor, Ill.
George H. Elliot.....	In charge of the 4th and 5th Divisions, Office of the Chief of Engineers. In charge of the 1st and 2d Divisions, Office of the Chief of Engineers.
Henry M. Robert.....	In charge of harbor improvements at Ontonagon, Eagle Harbor, Marquette, Menomonee, Green Bay, Ahnepee, Two Rivers, Manitowoc, Sheboygan, Port Washington, and Harbor of Refuge at entrance to Sturgeon Bay Canal. Member of Board of Engineer Officers on outer harbor at Chicago, Ill., and harbor at Michigan City, Ind. In charge of examination or survey of Harbor of Refuge at entrance to Portage Lake and Lake Superior Ship-Canal; Bayfield and Ashland harbors, Wis., and Morristique River, Mich.
William E. Merrill..... <i>Bet. Colonel.</i>	On duty in Europe for the purpose of gathering professional information respecting the construction of movable dams and similar structures. In charge of improvement of the Ohio and Monongahela rivers; the Little Kanawha and Guyandotte rivers, W. Va., and Big Sandy River, Ky.; construction of Harbor of Refuge at or near Cincinnati Engineer 14th Lighthouse District. Member of Board of Engineer Officers on Harbor of Refuge at or near Cincinnati, Ohio. Examination and survey of the Muskingum River, Ohio, Allegheny River, and the Kiskiminetas and Conemaugh rivers, Pa., the Kentucky and Licking rivers, Ky. Member of Board of Engineer Officers on movable dams in improvement of Upper Fox River, Wis. Member of Board of Engineer Officers appointed under provision of act of Congress approved June 19, 1878, to examine and report progress of construction of works at South Pass of the Mississippi River. In charge of construction of ice-harbor at mouth of Muskingum River, Ohio, and improvement of Allegheny River, Pa., and Kentucky River. Examination or survey of Ohio River and mouth of Little Kanawha River, W. Va., for an ice-harbor; Green River and its tributaries, Muddy and Barren rivers, Ky.; and Allegheny River, from French Creek to Olean, N. Y.
Walter McFarland.....	In charge of improvement of harbors of Rocky River, Cleveland, Fairport, Ashtabula, Conneaut, Erie, Dunkirk, and

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RANK AND NAME.	DUTIES.
MAJORS. (continued.)	Buffalo, on Lake Erie; and construction of Fort Porter, N. Y., Fort Wayne, Mich., and forts Ontario and Niagara, N. Y.; of harbor improvements at Olcott, Oak Orchard, Charlotte, Pultneyville, Big Sodus, Little Sodus, Oswego, Ogdensburg, Wilson, and Waddington, N. Y. Engineer 10th Lighthouse District. In charge of re-survey of Ogdensburg Harbor, N. Y.
Orville E. Babcock..... <i>Bvt. Brig. General.</i>	On detached service; Engineer 5th Lighthouse District. One of a commission to examine into and report the necessity of a building for a post-office in Baltimore, Md., under act of Congress approved June 20, 1878.
J. M. Wilson..... <i>Bvt. Colonel.</i>	In charge of works for defense of the mouth of the Columbia River, and improvement of the Willamette, Columbia, and Snake rivers; construction of canal around the Cascades of the Columbia River. Engineer 13th Lighthouse District. Survey of the entrance to Coos Bay, and the Coquille River; examination of Cape Foulweather, Port Orford, Rogue River, and Alsea River and Bay, Oreg., and Clearwater River, Idaho. In charge of harbor improvements at Monroe, Mich., Toledo, Port Clinton, Sandusky, Huron, Vermillion, and Black River, Ohio. In charge of harbor improvements at Cleveland, Ashtabula, Fairport, and Conneaut, Ohio, and Erie, Pa.
Franklin Harwood..... <i>Bvt. Lieut. Colonel.</i>	In charge of St. Clair Flats Canal, and improvement of Saginaw River, and Cheboygan Harbor, Mich.; of harbors of Au Sable River, St. Clair River at mouth of Black River, and Alpena at Thunder Bay. In charge of examination or survey for Breakwater at Mackinac, Mich.; re-survey of Clinton River, and of bar at mouth of Bell River, and of Sebawaing Harbor, Mich.
John W. Barlow..... <i>Bvt. Lieut. Colonel.</i>	In charge of forts Griswold and Hale, and the construction of Fort Trumbull, Conn.; improvement of harbors of Stonington, New Haven, Bridgeport, Milford, Southport, and Norwalk, Conn., and Port Jefferson, N. Y.; improvement of Housatonic and Thames rivers, Conn. Examination and survey of Thames River, Conn. In charge of construction of Breakwater at New Haven, Conn.
Peter C. Hains..... <i>Bvt. Lieut. Colonel.</i>	On detached service; Engineer Secretary to Lighthouse Board.
Francis U. Farquhar.... <i>Bvt. Lieut. Colonel.</i>	In charge of the improvement of the Chippewa and Minnesota rivers and the Red River of the North; harbor of Duluth and entrance to Superior Bay; improvement of the Falls of St. Anthony and of the Mississippi River above the Falls of St. Anthony; construction of Meeker's Island lock and dam. In charge of harbor improvements of the Mississippi River, from St. Paul to the mouth of the Illinois River, and at or near La Crosse, Wis.; of the upper Mississippi River and Rock Island Rapids of the Mississippi River; harbors of Fort Madison, Burlington, and Dubuque, Iowa, Galena River and Harbor, Ill. Local member of Board of Engineer Officers on improvement of low-water navigation of the Mississippi River. Survey of the harbor of Quincy, Ill., and the Mississippi River at and above the city of Alexandria, Mo. Local member Board of Engineer Officers on improvement of low-water navigation of the improvement of the Mississippi and Missouri rivers

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RANK AND NAME.	DUTIES.
MAJORS. (continued.)	during the consideration of question of improving the Wisconsin River. Member of Board of Engineer Officers on harbor of Dubuque. In charge of removing bar in Mississippi River opposite Dubuque, Iowa; improvement of Mississippi River at Quincy, Ill.; Rush Chute, and the harbor at Muscatine, Iowa.
George L. Gillespie..... <i>Bvt. Lieut. Colonel.</i>	On detached service; Engineer Officer Military Division of the Missouri. In charge of works for defense of the mouth of the Columbia River, and improvement of the Willamette, Columbia, and Snake rivers; construction of canal around the Cascades of the Columbia River; survey of the entrance to Coos Bay and the Coquille River. Examination to Cape Foulweather, Port Orford, Rogue River, and Alsea River and Bay, Oreg., and Clearwater River, Idaho. Engineer 13th Lighthouse District. Member of Board of Engineers for the Pacific Coast while considering the improvement of Coos Bay, Oreg., and harbor of refuge between straits of Fuca and San Francisco, Cal. In charge of improvement of entrance to Coos Bay and Harbor, Oreg., and of Lower Clearwater River, Idaho, and survey mouth of Columbia River. In charge of examination or survey of Columbia River at the Dalles, Alsea Harbor, and Umpqua River, Oreg., and Cowlitz River, Wash.
Charles R. Suter.....	In charge of improvement of the Mississippi, Missouri, and Arkansas rivers—removal of snags, &c. Improvement of the White and St. Francis rivers and the Missouri River at the following localities: St. Joseph, Council Bluffs, Omaha, Nebraska City, Atchison, Eastport, Fort Leavenworth, and Sioux City. Survey of the Missouri River from its mouth to Sioux City. Member of Board of Engineer Officers on improvement of low-water navigation of the Missouri River, and local member of the Board on improvement of low-water navigation of the Mississippi River. Engineer 15th Lighthouse District. Member of Board of Engineer Officers on harbor of refuge at or near Cincinnati, Ohio. Survey at Cedar City and St. Charles, and Missouri and Kansas rivers at their junction; examination of Arkansas River from Fort Smith to the mouth of Little Arkansas, and the Kansas River from its mouth to Junction City. In charge of improvement of Arkansas River between Fort Smith, Ark., and Wichita, Kans.; survey of Missouri River from its mouth to Fort Benton, Mont.; improvement of Missouri River at or near Glasgow, Kansas City, Cedar City, and at Vermillion, Dak.; examination or survey of Arkansas River at Pine Bluff, Cuivre, and Gasconade rivers, Mo.
Jared A. Smith.....	In charge of the improvement of the Wabash River and harbors of Michigan City and New Buffalo. Member Board of Engineer Officers on outer harbor at Chicago, Ill., and on harbor at Michigan City, Ind. In charge of survey of the White River, Ind., and the Kankakee River, Ill. and Ind. In charge of improvement of White River, Ind.
Samuel M. Mansfield.... <i>Bvt. Lieut. Colonel.</i>	In charge of harbor improvements at Charlevoix, Frankfort, Manistee, Ludington, Pentwater, White River, Muskegon, Grand Haven, Black Lake, Saugatuck, South Haven, and St. Joseph, on Lake Michigan. Member of Board of Engineer Officers on outer harbor at Chicago, Ill., and on harbor at Michigan City, Ind. In charge of survey of

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RANK AND NAME.	DUTIES.
MAJORS. (continued.)	
	Portage Lake, Mich. In charge of improvement of harbor of refuge at Portage Lake, Lake Michigan. Examination or survey of St. Joseph River from its mouth, in Mich., to Elkhart, Ind.
William J. Twining.....	On detached service; one of the Commissioners of the District of Columbia.
William R. King.....	In charge of improvement of the Tennessee River, Cumberland River above and below Nashville, Tenn., and Hiawassee River, Tenn.; Oostenaula, Coosawattee, Etowah, Oconee, and Ocmulgee rivers, Ga., and Coosa River, Ga. and Ala. Survey of Caney's Fork and Obey's Rivers, Tenn.; Etowah River, Ga., and falls of the Cumberland, Ky. Survey of Chattanooga River above Columbus, Ga.; examination or survey of Coosa River, Ala., and Duck River and Caney's Fork, Tenn. Commissioned June 13, 1879, Major, Corps of Engineers, to date from March 4, 1879.
Wm. H. H. Benyaurd....	In charge of improvement of the White, St. Francis, and L'Anguille rivers, Ark., the Ouchita River in La. and Ark., Yazoo River in Miss., and Cypress Bayou, Tex.; of water-gauges on the Mississippi River and its principal tributaries; improvement of mouth of the Red River, La., and harbors of Memphis, Tenn., and Vicksburg, Miss., and the Mississippi River at those points; removal of raft, snags, and other obstructions from Red River, and closing Tone's Bayou. Examination of The Big Sun Flower, Tallahatchie, and Cold Water rivers, Miss.; Little and Saline rivers, Ark., Upper Red River, and Falls on Red River near Alexandria, La.; Bayou Bartholomew, and the Fourche La Fave, Ark.; Tone's Bayou, Bayous Pierre and Wincey, and Lakes Bayou Pierre and Cannasanier, La. Improvement of Upper Red River from Fulton to head of Raft; White and Fourche La Fave rivers, Ark., and Big Sun Flower, Coldwater, and Tallahatchie rivers, Miss.; examination or survey of Yallabusha River, Tehula Lake, Miss., and Black River, Ark., and Hatchie River, Tenn. Commissioned June 13, 1879, Major, Corps of Engineers, to date from March 4, 1879.
CAPTAINS.	
Charles W. Howell..... <i>Bvt. Major.</i>	In charge of construction of forts Pike, Macomb, Tower Dupré, Battery Bienvenue, Tower at Proctorsville, and forts Jackson, St. Philip, and Livingston; improvement of the mouth of the Mississippi River at Southwest Pass; of New Orleans and Galveston harbors, Sabine Pass and Red Fish Bar in Galveston Bay; improvement of ship-channel San Jacinto River to Bolivar Channel, Galveston Bay, Texas; improvement of Pass Cavallo, Texas. Removal of wrecks and other obstructions to navigation at Brazos Santiago, Tex., and in Bayou La Fourche, La.; improvement of the narrows above Orange on Sabine River, Tex., and deepening the channel at mouth of said river; deepening channel at mouth of Trinity River, Tex., and removal of obstructions to Liberty; deepening of channel at mouth of Neches River, Tex., and removal of obstructions to Beaumont. Survey of Aransas Pass and Bay up to Rockport and Corpus Christi, Tex., and Corpus Christi Pass and Channel. Examination of Pearl River,

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RANK AND NAME.	DUTIES.
CAPTAINS. (continued.)	
	Miss., Brazos River, Tex., and Tangipahoa River, La. Improvement of Pearl River, Miss.; of line from cut in Red Fish Bar to cut in Morgan's Point, and Aransas Pass and Bay up to Rockport and Corpus Christi, and deepening channel at Blue Buck Bar, Tex. Examination or survey of canal connecting Galveston and Brazos River, Tex.; Bayou Terrebonne, Techefuncta, Tichfaw, and Amite rivers, La., Bayous Vermillion, Teche, Courtableau and Deglaize, La., and breakwater near New Orleans, La.; resurvey of Sabine, Neches, and Trinity rivers, Tex., and Lake Ponchartrain, La. Member of Board of Engineer Officers on improvement of Pass Cavallo Inlet into Matagorda Bay and of Aransas Pass and Bay up to Rockport and Corpus Christi, Tex., and also the continuation of improvement of the entrance to Galveston Harbor. Promoted Major, Corps of Engineers, June 30, 1879.
Garret J. Lydecker.....	On detached service; Engineer Officer Military Division of the Missouri. In charge of the construction of the harbors of Chicago, Calumet, and New Buffalo, and the improvement of the Illinois River. In charge of the examination or survey of the Illinois River and re-survey of outlet to Wolf Lake, Ind. Member of Board of Engineer Officers on outer-harbor at Chicago, Ill., and on harbor at Michigan City, Ind.
Amos Stickney..... <i>Bvt. Major.</i>	In charge of the Des Moines Rapids Canal and the improvement of the Des Moines Rapids of the Mississippi River.
James W. Cuyler.....	In temporary charge of the Upper New River. On duty under immediate orders of Major <i>Craighill</i> .
Alexander Mackenzie....	In temporary charge of improvement of the falls of the Ohio River and Louisville and Portland Canal; of St. Mary's Falls Canal, St. Mary's, St. Clair, Detroit, and Sebawaing rivers, Mich.; Harbor of Refuge on Lake Huron. Engineer 11th Lighthouse District. On duty under immediate orders of Major <i>Weitzel</i> . In charge of improvement of the Mississippi River from St. Paul to the mouth of the Illinois River, at Quincy, Ill., and at or near La Crosse, Wis.; of the Upper Mississippi River and Rock Island Rapids of the Mississippi River; harbors of Fort Madison, Burlington and Muscatine, Iowa, and Galena River and Harbor, Ill. Removing bar in Mississippi River opposite Dubuque, Iowa.
Oswald H Ernst.....	Commanding Company E, Battalion of Engineers. On duty at the Military Academy as Instructor of Practical Military Engineering, Military Signaling, and Telegraphy. On duty under immediate orders of Colonel <i>Simpson</i> .
David P. Heap.....	On duty under immediate orders of Lieutenant-Colonel <i>Warren</i> .
William Ludlow..... <i>Bvt. Lieut. Colonel.</i>	On duty under immediate orders of Colonel <i>Macomb</i> . Recorder Board of Engineer Officers on improvement of Shrewsbury River, N. J.
Charles B. Phillips.....	In temporary charge of construction of defenses of Baltimore, Md., and Washington, D. C.; improvement of Chester, Wicomico, Elk, and Pocomoke rivers, Md., James and Appomattox rivers, Va., Great Kanawha and Elk