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- 1896-97.** Davis (George B.) [U. S. Military Academy, 1871]: An introduction to the study of the constitutional and military law of the United States. Washington, 1896, 1 vol., O. (Text-book department of law and history, 1896-97.) Rept. Supt. U. S. Military Academy, 1896, p. 157; Cadet Registers, 1896 and 1897, pp. 32. (A)
- Myers (P. V. N.): General history. Boston and London, 1892, 1 vol., O. (Text-book department of law and history, 1896 and 1897.) Rept. Supt. U. S. Military Academy, 1896, p. 159; Cadet Register, 1897, p. 32. (A)
- 1896-1899.** Memorial hall built (\$268,000).
- 1897, April 27.** The battalion of cadets goes to New York to take part in ceremonies connected with the dedication of the General Grant monument. Post Orders, vol. 14, p. 146. (A)
- 1897, May 31.** Battle monument dedicated to the memory of 2,042 men and 188 officers of the Regular Army who fell in the war for the Union (\$66,820). Post Orders, vol. 14, p. 159.
- 1897, June 14.** Board of survey appointed to investigate circumstances attending the loss of four bronze trophy guns said to have been stolen sometime during the fall of 1896 and spring of 1897. Post Orders, vol. 14, p. 171. (A)
- 1897.** Examinations. Cadets who failed. N. Y. Times, Jan. 12, 1897, p. 7, col. 6.
- Cadets (six) discharged. N. Y. Times, 1897, Jan. 15, p. 4, col. 3; Mar. 20, p. 2, col. 7.
- Cadets—Washington trip during inauguration abandoned. N. Y. Times, Jan. 28, 1897, p. 1, col. 5; p. 3, col. 1.
- Cadets appointed. N. Y. Times, 1897, Jan. 15, p. 4, col. 3; Jan. 29, p. 3, col. 4; Feb. 5, p. 4, col. 3; Feb. 12, p. 4, col. 2; Feb. 19, p. 3, col. 3; Feb. 26, p. 1, col. 2; Mar. 4, p. 3, col. 3; Mar. 12, p. 4, col. 4; Mar. 26, p. 4, col. 3; Apr. 30, p. 4, col. 3.
- Board of Visitors appointed. N. Y. Times, Apr. 17, 1897, p. 5, col. 2.
- Catholic chapel to be erected—Secretary Alger's statement. N. Y. Times, 1897, Apr. 28, p. 14, col. 4; May 25, p. 4, col. 3.
- Battle monument dedication—Speeches by General Wilson and Secretary of War. N. Y. Times, 1897, May 12, p. 1, col. 2; May 30, p. 13, col. 3; June 1, p. 12, col. 5.
- Cannon stolen—Arrests made. N. Y. Times, 1897, May 21, p. 11, col. 1; June 2, p. 3, col. 5; June 3, p. 7, col. 6; June 4, p. 3, col. 4; June 5, p. 7, col. 3; June 10, p. 4, col. 1.
- Commencement programme. N. Y. Times, May 30, 1897, p. 13, col. 4.
- Baccalaureate sermon by the Rev. H. Shipman. N. Y. Times, June 7, 1897, p. 3, col. 5.
- Graduates' standing. N. Y. Times, June 10, 1897, p. 3, col. 3.
- Commandant S. M. Mills's farewell to graduates. N. Y. Times, June 11, 1897, p. 3, col. 2.

- 1897.** Graduates can not receive army appointments until vacancies occur. *N. Y. Times*, June 15, 1897, p. 4, col. 1.
- Commencement. *N. Y. Times*, June 12, 1897, p. 7, col. 5.
- Entrance examinations—Candidates (two) resign because hazed. *N. Y. Times*, June 16, 1897, p. 4, col. 2.
- Class 1897—Portraits—Honor men (*Magazine*). *N. Y. Times*, June 27, 1897, p. 19, col. 1.
- Board of Visitors report against increase of number of cadets—other views. *N. Y. Times*, July 18, 1897, p. 9, col. 4.
- Graduates who have won distinction—List. *N. Y. Times*, July 31, 1897, p. 6, col. 7.
- Practical jokes on closing camp. *N. Y. Times*, Aug. 22, 1897, p. 1, col. 7.
- Reveille gun disappears. *N. Y. Times*, Sept. 22, 1897, p. 1, col. 2.
- Portraits class of 1897. *In Hamersly: Album of Portraits of Officers of Spanish-American War.* (A)
- Objects of the U. S. Military Academy stated. Schofield (J. M.): *Forty-six years in the Army*, p. 525. (A)
- Cadets of Military and Naval academies at inauguration, Mar. 4, 1897. Feb. 23, 1897. 2 pp. (*House Rept. 3012, 54th Cong., 2d sess.*) (A)
- Addresses to the graduating class, 1897, by Hon. Hugh R. Belknap. (A)
- South guardhouse and gates built (\$10,000).
- first granolithic pavements put in.
- Brewer, David J.: Address at the dedication of the Battle Monument, West Point, N. Y., May 31, 1897. West Point, N. Y., 1897. pam., O. (A)
- Brown, Lt. A. Hastings, U. S. Army: Cadet life at West Point. *In Pall Mall Mag.*, January, 1897, vol. 11, No. 45, p. 121-128. 2 copies. (A)
- Wyckoff, Walter A.: The workers . . . The East. 1897, pp. 32-77: A day laborer at West Point. 1-31. The Adjustment. (A)
- 1897 to —.** Tillman (Samuel E.). [*U. S. Military Academy, 1869*]: Descriptive general chemistry, 2d ed. New York, 1899, 1 vol., O. (Text-book department of chemistry, 1897 to —). Cadet Register, 1898, p. 31. (A)
- 1897-1902.** See *News of the Highlands*, published at Highland Falls. F (25½x19½ inches). 1897 to date.
- 1898, January 14.** Report of a committee of the academic board on the emblem and coat of arms U. S. Military Academy. MS. (A)
- 1898, April 26.** Class of 1898 graduated. Exercises held in chapel. *Post Orders*, vol. 14, p. 275. (A)
- 1898, October 13.** Seal and arms of U. S. Military Academy adopted. *General Orders*, No. 24. (A)
- 1898, October 13.** Description of "the emblem" and of "the arms" for the U. S. Military Academy. *Post Orders*, vol. 14, p. 372. (A)
- 1898, December 31.** Classification of offenses with number of demerits to be awarded for each class. *Post Orders*, vol. 14, p. 415. (A)
- 1898, Summer of.** A course of lectures on military hygiene was given to cadets by the surgeon. *Rept. Supt. U. S. Military Academy, 1898*, p. 4. (A)
- Practice marches by cadets described. *Rept. Supt. U. S. Military Academy, 1898*, p. 12; *ibid.*, 1899, pp. 20-21; *ibid.*, 1900, pp. 22-24; *ibid.*, 1901, p. 23. (A)
- 1898.** Cadets discharged. *N. Y. Times*, 1898, Jan. 12, p. 2, col. 1; Mar. 22, p. 3, col. 4.
- New York Ninth Congressional district candidate for cadetship examined. *N. Y. Times*, Feb. 20, 1898, p. 13, col. 5.
- Class of 1898 graduated prematurely to enter army for Cuban war—Assignments. *N. Y. Times*, May 17, 1898, p. 4, col. 7.
- Visitors Board appointed. *N. Y. Times*, May 29, 1898, p. 4, col. 7.
- Entrance examinations. *N. Y. Times*, June 19, 1898, p. 2, col. 3.
- Catalogue of biography and French history in the library, U. S. Military Academy, West Point, N. Y. [April] 1898, 73 pp., 1 pam., O. (A)
- Catalogue of fiction in English in the U. S. Military Academy library. 1 pam., O. (January, 1898) 33 pp. Fiction in English in library U. S. Military Academy, June, 1901, 43 pp. (A)
- The U. S. Military Academy compared with the U. S. Naval Academy. See Holden (E. S.): *The U. S. Naval Academy at Annapolis in Rept. Commr. Education, 1898-99*, p. 747. (A)
- Information relative to the appointment and admission of cadets to the U. S. Military Academy. 4 pp., O. (1898.) (A)
- Cadet supply departments. Information relative to the. 1 pam., O. 1898. (A)
- Descriptive catalogue of the ordnance museum, department of ordnance

- and gunnery, U. S. Military Academy. Prepared under the direction of Capt. L. L. Bruff . . . by Capt. J. T. Thompson . . . West Point, 1898. 1 vol., O. 223 pp. (A)
- 1898.** General Orders, Adjutant-General's Office, No. 15. Physical examination of candidates for admission. (A)
- Department of modern languages. Library. Catalogue of books. [n. d., about 1898.] 1 pam., O., obl. (A)
- Seal, arms, and motto of the U. S. Military Academy. *In* Bull. Assoc. Grads., No. 1, 1900. (A)
- Lusk reservoir built (\$100,000).
- Hamersly pub.: A military album containing over 1,000 portraits of commissioned officers who served in the Spanish-American war. New York, 1898. 1 vol., O. (A)
- [Block, H. C. A. de:] Reisdrukken. De Vereenigde Staatten van Noord-America. 1 vol., O., 1898. [In Dutch; pp. 47-64, on West Point.] (A)
- Nelson (S. A.): The Annapolis, West Point, and military school handbook. [How to gain admission, etc.] Ill. New York, 1898, pp. 74.
- Andrews (Israel Ward): Manual of the Constitution of the United States. New York, 1887. 1 vol., O. (Text-book department of law, 1898.) Cadet Register, 1898, p. 32. (A)
- Fisher (George Park): Outlines of universal history, designed as a text-book . . . New York, 1885. 1 vol., O. (Text-book department of law and history, 1898.) Cadet Register, 1898, p. 32. (A)
- 1898 to —.** Davis (George B.) [U. S. Military Academy, 1871]: The elements of law. An introduction to the study of the constitutional and military law of the United States. 1st ed. New York, 1897. 1 vol., O. (Text-book department of law and history, 1898 to —.) Cadet Register, 1898, p. 32. (A)
- Flanders, (Henry): An exposition of the Constitution of the United States. 4th ed. Philadelphia, 1885. 1 vol., O. (Text-book department of law and history, 1898 to —.) Cadet Register, 1898, p. 32. (A)
- 1898 to date.** Preliminary examination papers of cadets. *In* A. G. O., O. M. A.
- 1899, January 1.** Guard, police, and fire regulations. n. p., n. d. 1 vol., O., pp. 31. (A)
- 1899, February 15.** Class of '99 graduated. Post Orders, vol. 14, p. 436. (A)
- 1899, February 27.** Act of Congress appropriates \$70,000 for remodeling the library building. (A)
- 1899, March 24.** Colors (black, grey, gold) for athletic games adopted. Circ. No. 11. (A)
- The colors black, grey, and gold adopted as the colors of the U. S. Military Academy for use in all athletic games. Post Orders, vol. 14, p. 454. (A)
- 1899, April 27.** New dress hat ordered for cadets. Post Orders, vol. 14, p. 468. (A)
- 1899, June.** Before this date the only index of the purely soldierly qualities of a cadet was expressed in his marks under discipline (weight 200) and drill regulations (weight 100). Since it, conduct (weight 125), drill regulations, etc. (weight 115), military efficiency (weight 130), soldierly deportment and discipline (weight 20) are noted. The sum of the old weights is 300; of the new, 390. Rept. Supt. U. S. Military Academy, 1899, pp. 5-6. (A)
- 1899, September 30.** The battalion of cadets goes to New York City to take part in the parade in honor of Admiral Dewey. Post Orders, vol. 15, p. 25. (A)
- 1899, October 24.** Service stripes to indicate the class to which cadets belong adopted. Post Orders, vol. 15, p. 34. (A)
- 1899, December 9.** Letter from Adjutant-General, U. S. Army, making the Superintendent's decision final as to whether or not a cadet shall answer a question asked by an investigating board. Post Orders, vol. 15, p. 51. (A)
- 1899.** First class cadets ordered to front—List. *N. Y. Times*, Jan. 2, 1899, p. 3, col. 5.
- Graduation list—Assigned to regiments. *N. Y. Times*, 1899, Feb. 16, p. 4, col. 7; Feb. 19, p. 5, col. 2.
- Cadets at large appointed. *N. Y. Times*, Apr. 9, 1899, p. 12, col. 3.
- Board of Visitors appointed. *N. Y. Times*, Apr. 22, 1899, p. 6, col. 3.
- Board of Visitors (especially Congressman's Marsh's) appointment discussed. *N. Y. Times* (ed.), 1899, June 4, p. 18, col. 2; June 6, p. 6, col. 2.
- Cavalry inspected by Board of Visitors and Governor Roosevelt. *N. Y. Times*, June 6, 1899, p. 4, col. 5.
- Exhibition at West Point closed. *N. Y. Times*, June 10, 1899, p. 5, col. 2.
- Cavalry sketch by Fitz Morris—Illustrated (magazine). *N. Y. Times*, June 18, 1899, p. 6, col. 1.

- 1899.** Scarlet fever. N. Y. Times, 1899, July 12, p. 4, col. 4; July 13, p. 3, col. 6.
- Gift of historical pictures to Cul- lum Memorial, by J. K. Paulding. N. Y. Times, Nov. 28, 1899, p. 1, col. 5.
- Orders U. S. C. C. (blue book). 1 vol., O. (A)
- Model target range completed.
- Complete siege battery and mortar battery, etc., were received. Rept. Supt. U. S. Military Academy, 1899, p. 7. (A)
- Field outfit for cadets first worn. Class album, 1899. (A)
- All explanations by cadets for delinquencies were required to be made in writing. Rept. Supt. U. S. Military Academy, 1899, p. 24. (A)
- Elementary infantry and artillery drill regulations, etc., were studied by the fourth class. Rept. Supt. U. S. Military Academy, 1900, p. 5. (The foregoing recommended in Rept. Board of Visitors, 1885, p. 846.) (A)
- Stenographic report of interviews with the Superintendent by the various committees of the Board of Visitors (pp. 544-573): Report on discipline and hazing by the commandant (pp. 573-575); report on increasing the scope of U. S. Military Academy, by Professor Larned (pp. 595-620). Rept. Board of Visitors, 1899. (A)
- Advertisement, instructions, and specifications for library building . . . reconstruction and remodeling, 1899. 1 pam., O., obl., 14 pp. (A)
- Football game songs, with Joe Lincoln's The Regular Army Man. 1 pam., O., 4 pp. (A)
- General Orders, Adjutant-Gen- eral's Office, No. 37. Reorganization of enlisted strength on duty at West Point. (A)
- Magazine rifles. Printed for the use of the cadets, U. S. Military Acad- emy, department of ordnance and gun- nery, 1899. 1 pam., O., 12 pp. (A)
- Department of mathematics. Ex- amples from conic sections and solid geometry of C. Smith. West Point, N. Y., 1899. 1 vol., O., 187 pp. (A)
- See Crane (Stephen): West Pointer and Volunteer, in Leslie's Popular Monthly, November, 1899.
- New-Yorker Staats-Zeitung, May 29, 1899, p. 3: West Point, The U. S. Military Academy. (A)
- Peck (William G.) [U. S. Military Academy, 1844]: Elementary treatise on determinants. New York, 1888. 1 vol., O. (Text-book department of mathematics, 1899.) Cadet Register, 1899, p. 30. (A)
- 1899.** Fisher (George Park): A brief history of the nations and of their progress in civilization. New York, 1896. 1 vol., O. (Text-book depart- ment of law and history, 1899.) Cadet Register, 1899, p. 32. (A)
- 1899 to —.** Smith (Charles): An elementary treatise on conic sections. London, 1894. 1 vol., O. (Text-book department of mathematics, 1899 to —.) Cadet Register, 1899, p. 30. (A)
- Smith (Charles): An elementary treatise on solid geometry. 5th ed. London, 1895. 1 vol., O. (Text-book department of mathematics, 1899 to —.) Cadet Register, 1899, p. 30. (A)
- Wagner (Arthur L.) [U. S. Military Academy, 1865]: Organization and tactics. New York, 1895. 1 vol., O. (Text-book department of civil and military engineering, 1899 to —.) Cadet Register, 1899, p. 32. (A)
- Fiebeger (C. J.) [U. S. Military Academy, 1879]: A text-book of field fortification. 1st ed. New York, 1901. 1 vol., O. (Text-book department of civil and military engineering, 1899 to —.) Cadet Register, 1899, p. 32. (A)
- Outline of instruction in small- arms firing, based on small-arms firing regulations as modified by General Or- ders, Adjutant-General's Office, No. 36, 1897. West Point, 1898. 1 vol., O. (Text-book department of tactics, 1899 to —.) Cadet Register, 1899, p. 31. (A)
- 1899-1900.** General Orders, Adjutant- General's Office, Nos. 36, 1899; 81, 1900. Appointment of cadets, number, etc. (A)
- Roman Catholic chapel built (\$22,800).
- 1899-1902.** Hazing at U. S. Military Academy. Rept. Supt. U. S. Military Academy, 1899, pp. 7, 24-25; 1900, p. 11; 1901, pp. 5-7. (A)
- 1900.** In "Who's Who in America" for 1900 there are 117 graduates U. S. Military Academy [and 75 U. S. Naval Academy]. There were then 1,900 liv- ing graduates U. S. Military Academy [and 1,700 U. S. Naval Academy]. The percentage of noted names is 5.6 for U. S. Military Academy, which is the largest for any American college or university [and 4.4 for U. S. Naval Academy]. Letter from Prof. E. G. Dexter, Mar. 2, 1903. (A)
- 1900, February 17.** Conduct grades established: Three grades determined by number of demerits received. Post Orders, vol. 15, p. 77. (A)

- 1900, February 24.** Hundredth Night Entertainment: The Amazons, 1900. n. p., n. d., 1 vol., obl., O. (A)
- 1900, March 10.** Each class is divided monthly into three conduct grades, and to each grade certain privileges attach. Rept. Supt. U. S. Military Academy, 1900, p. 11. (A)
- 1900, June 6.** Act of Congress fixes the number of cadets to be appointed (two from each State at large). (A)
- 1900, June.** Address of Hon. Charles F. Manderson to the graduating class. Rept. Board of Visitors, pp. 11-19. (A)
- 1900, spring of.** Cadets were instructed in the use of mountain guns and in pack-train service. Rept. Supt. U. S. Military Academy, 1900, p. 9. (A)
- 1900, summer of.** The class of 1904 was the last class subjected to hazing in the fourth-class camp.
- 1900.** Cadets found deficient and discharged. N. Y. Times, Jan. 14, 1900, p. 8, col. 3.
- Memorial Hall—Appeal for relics. N. Y. Times, Mar. 9, 1900, p. 3, col. 5.
- Graduates—Standing of members of this year's class. N. Y. Times, June 13, 1900, p. 3, col. 3.
- Cadets—Senators asked to name candidates under new law. N. Y. Times, June 9, 1900, p. 3, col. 2.
- Catholic chapel dedicated. N. Y. Times, June 11, 1900, p. 5, col. 1.
- Commencement—Class of 1900 visit to New York City. N. Y. Times, June 14, 1900, p. 2, col. 4.
- Cadet graduates' assignments. N. Y. Times, June 17, 1900, p. 3, col. 3.
- Cadets appointed—President McKinley fills his quota of ten names and three others. N. Y. Times, July 4, 1900, p. 12, col. 6.
- Board of Visitors report—Admission standard raising recommended. N. Y. Times, Oct. 6, 1900, p. 6, col. 6.
- Booz (Cadet Oscar L.). U. S. Congress committee to investigate his case. N. Y. Times, 1900, Dec. 1, p. 3, col. 6; Dec. 2, p. 15, col. 4; Dec. 4, p. 1, col. 3; Dec. 12, p. 7, col. 1.
- Booz (Cadet Oscar L.). Board of inquiry appointed by Secretary of War—Session at Bristol and Philadelphia. N. Y. Times, Dec. 18, 1900, p. 3, col. 3.
- Military court takes testimony. N. Y. Times, 1900, Dec. 19, p. 3, col. 1; Dec. 20, p. 6, col. 1; Dec. 21, p. 5, col. 1; Dec. 22, p. 2, col. 3; Dec. 23, p. 6, col. 1; Dec. 27, p. 3, col. 4; Dec. 28, p. 5, col. 2; Dec. 29, p. 3, col. 3; Dec. 30, p. 3, col. 1.
- Breth's (Cadet) death claimed by family to have been caused by hazing. N. Y. Times, Dec. 19, 1900, p. 3, col. 1.
- 1900.** Booz hazing inquiry at West Point. N. Y. Times (ed.), Dec. 21, 1900, p. 8, col. 5.
- Hazing—U. S. Congressmen's advice to abolish the institution. N. Y. Times (ed.), Dec. 23, 1900, p. 18, col. 4.
- Mills (Col. A. L.)—Testimony. N. Y. Times, Dec. 30, 1900, p. 3, col. 1.
- Exercises in trigonometry (from Ludlow's Elements Trigonometry.) Department of mathematics, U. S. Military Academy. 1 vol., O., 41 pp. (A)
- Algebra and geometry recitations were made on alternate days; likewise those in conic sections and descriptive geometry. Rept. Supt. U. S. Military Academy, 1900, p. 5. (A)
- Department of mathematics, examples from C. Smith's Treatise on Algebra. West Point, N. Y., 1900. 1 vol., O., 136 pp. (A)
- The corps of cadets organized in six companies (in place of four, which had been the number, 1827-1900). Rept. Supt. U. S. Military Academy, 1900, p. 8. (A)
- Department of tactics manual of the service of security and information. Prepared for the use of cadets at the U. S. Military Academy, by First Lieut. Edward Anderson, Seventh Cavalry, assistant instructor of tactics, by order of Lieut. Col. O. L. Hein, commandant of cadets. West Point, N. Y., 1900. 1 vol., O., 142 pp. (A)
- See Dexter (E. G.): A study of twentieth century success. *In* Pop. Sci. Monthly, July, 1902, figs. 2, 4, and p. 249. (A)
- List of graduates in civil life; list of graduates on the retired list. *In* Bull. Assoc. Grads., No. 1 (1900). (A)
- The new cadet must provide an outfit costing \$160.10. His expenses for board, books, clothes, etc., average \$522.12 yearly. His average expenses are thus \$562.12, while his pay is \$540—Competitive examination is not the best way to select cadets—Hazing. Rept. Board of Visitors, pp. 7-10. (A)
- Dialectic Society: [For a brief history of the society see U. S. Military Academy, class of 1875, reunion, 1900, p. 107.]
- Larned (Chas. W.): U. S. Military Academy, 1870. The U. S. Military Academy. Scientific American, June 23, 1900. (A)
- Memorial Hall. Junior Munsey, vol. 8, No. 4, July, 1900, containing on pp. 515-523, The Memorial Hall at West Point, by Prof. C. W. Larned. 1 vol., O. (A)

- 1900.** Memorial tablets of the Revolutionary and Spanish-American wars [in the chapel,] unveiling of. Presented . . . by the N. Y. Daughters of the Revolution [with address by Professor Michie.] 1900. 1 pam. O. 2 copies. (A)
- Plan (with plate) of a proposed enlargement of the chapel, by Prof. C. W. Larned. Rept. Board of Visitors, 1900. p. 29. (A)
- West Point described in "How our cousins manage it." R. M. A. Mag. vol. 1, 1900, pp. 175-178. (A)
- Tripp, William H. Guide to West Point and the U. S. Military Academy, giving location and history of all the public buildings, monuments, and principal points of interest, together with the hours for drills and formations. West Point, 1900. obl., Q. (A)
- Appropriations bill, committee of House, hearings. Dec. 11, 1900. 1 pam. O. (A)
- Appropriations bill, committee of House. May 8, 1900. 1 pam. O. (A)
- Estimate of [deficiency] appropriation for pay of Academy. Mar. 28, 1900. 2 pp. (House Doc. 550.) (A)
- Hazing at West Point, by Capt. W. C. Rivers, U. S. Army. Army and Navy Journal, Jan. 12, 1901. p. 473. (A)
- Furlough Songs, U. S. Military Academy, 1900. B., 1900. 1 vol., O., 40 pp. (A)
- West Point draughtsmen; by Fritz Morris. *In* Leslie's Pop. Monthly. vol. 49, No. 5, March, 1900, pp. 521-536. (A)
- Craddock, Florence Nightingale: Soldier's Revenge, or Roland and Wilfred. 1 vol., O. (1900). (A)
- 1900 to —.** Duruy (Victor): General history of the world . . . Translated by E. A. Grosvenor. New York, 1898. 1 vol., O. (Text-book department of law and history, 1900 to —.) Cadet Register, 1900, p. 32. (A)
- Dyer (A. B.) [U. S. Military Academy, 1837]: Handbook for light artillery. 1st ed. New York, 1896. 1 vol., O. (*Text-book department of tactics, 1900 to —.) Cadet Register, 1900, p. 31. (A)
- Anderson (First Lieut. Edward, U. S. Army) [U. S. Military Academy, 1888]: Department of tactics. Manual of the service of security and information, prepared for the use of cadets at the U. S. Military Academy by order of Lieut. Col. O. L. Hein, commandant of cadets. West Point, 1900. 1 vol., O. (Text-book department of tactics, 1900 to —.) Cadet Register, 1900, p. 32. (A)
- 1900.** Davis (George B.) [U. S. Military Academy, 1871]: The elements of international law, with an account of its origin, sources, and historical development. New and rev. ed. New York and London, 1902. 1 vol., O. (Text-book department of law and history, 1900 to —.) Cadet Register, 1900, p. 32. (A)
- Smith (Charles): A treatise on algebra. 4th ed. London, 1893. 1 vol., O. (Text-book department of mathematics, 1900 to —.) Cadet Register, 1900, p. 30. (A)
- Murray (Daniel Alexander): An elementary course in the integral calculus. New York, 1898. 1 vol., O. (Text-book department of mathematics, 1900 to —.) Cadet Register, 1900, p. 30. (A)
- 1900-1901.** Hazing. *See* 56th Cong., 2d sess., 1900-1901. House Repts., vol. 4. *Ibid.*, vol. 5. *Ibid.*, vol. 6.
- Library building remodeled (\$70,000).
- 1900 to —.** Johnson (J. B.): The theory and practice of surveying. 16th ed. New York, 1902, 1 vol., O. (Text-book, department of mathematics, 1900-1902; *Text-book, department of practical military engineering, 1902 to —.) Cadet Registers, 1900, p. 30, and 1902, p. 31. (A)
- 1900-1903.** Association of graduates. *Bulls.* pam., O. No. 1, 1900; No. 2, 1902; No. 3, 1903. Edited by Capt. W. C. Rivers, secretary. (A)
- 1901, January 9.** Special Committee of the House of Representatives appointed to investigate hazing at West Point arrives. Post Orders, vol. 15, p. 232. (A)
- 1901, January 28.** Description of exhibit of the Military Academy at the Pan-American Exposition at Buffalo. Post Orders, vol. 15, p. 240. (A)
- 1901, February 16.** Graduation of first class ordered on Feb. 18, 1901. Post Orders, vol. 15, p. 248. (A)
- 1901, March 2.** Battalion of cadets ordered to Washington to take part in ceremonies attending the inauguration of President McKinley. Post Orders, vol. 15, p. 257. (A)
- 1901, March 2.** Act of Congress: The U. S. Military Academy band to consist of 1 teacher and 40 enlisted musicians. The master of the sword to have the rank and pay of first lieutenant, etc. (A)

- 1901, March 2.** Act of Congress: A cadet engaged in hazing shall be summarily expelled and shall not be eligible for appointment in the Army, Navy, or Marine Corps until two years after the graduation of his class. (A)
- 1901, March 16.** Provision of act of Congress giving the master of the sword the relative rank of first lieutenant, with pay and allowances of first lieutenant mounted. Post Orders, vol. 15, p. 263. (A)
- 1901, June 30.** Act of Congress appropriates \$10,000 for library furniture. (A)
- 1901, August 12.** The battalion of cadets ordered to Pan-American Exposition at Buffalo, to encamp there from Aug. 14 to Aug. 28. Post Orders, vol. 15, p. 343. (A)
- 1901, August 14-29.** The corps of cadets visits the Pan-American Exposition at Buffalo—report on their conduct there by the commandant of cadets. Rept. Supt. U. S. Military Academy, 1901, pp. 26-7. (A)
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- Defective cadets discharged. N. Y. Times, Jan. 13, 1901, p. 5, col. 1.
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- Hazing—Gen. F. V. Greene—New York and Bermudez Company offers positions to dismissed cadets—Ecuador Railroad Company, ditto. N. Y. Times, 1901, May 24, p. 2, col. 6; May 25, p. 9, col. 1; June 5, p. 2, col. 2.
- Hazing—Dismissed cadets ask to see charges—Try to see Secretary Root. N. Y. Times, 1901, May 26, p. 1, col. 1; May 28, p. 1, col. 4.
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- Examinations in the department of mathematics held immediately on the termination of instruction. Lessons in calculus and in solid geometry are given on alternate days. Cadets showing proficiency in previous work are excused from examination. Rept. Supt. U. S. Military Academy, 1901, pp. 9-10. (A)
- Cadets are instructed in riding pad saddles, and with double reins. Rept.

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- 1901.** Estimate of appropriation for enlarging Academy. Jan. 8, 1901, 21 pp. (A)
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- Collier's Weekly, vol. 27, No. 14, July 6, 1901, p. 11. Training U. S. officers at West Point, by Col. Albert L. Mills, Superintendent. (A)
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- Hazing at West Point. *In Army and Navy Journal*, Jan. 12, 1901, p. 473. Contains list of the various forms of pledges given by cadets, 1864-1871. (A)
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- 1901-2.** Press clippings: Enlargement U. S. Military Academy. 1 vol., F. (A)
- 1902, Feb. 1.** The properly attested certificate of graduation from a normal school to be accepted in lieu of examination for entrance to the Military Academy. Post Orders, vol. 15, p. 424. (A)
- 1902, Apr. 15.** Centennial association organized at Manila, P. I., Apr. 15, 1902, to celebrate the one-hundredth anniversary of the founding of the U. S. Military Academy. Manila, 1902. 1 vol., O. (A)
- 1902, May 1.** Entrance examinations to U. S. Military Academy held, for the first time, at army posts. Rept. Supt. U. S. Military Academy, 1902, p. 3. Surveying transferred to the department of practical military engineering. *Ibid.*, p. 6. (A)
- 1902, June 9.** Programme of the centennial of the U. S. Military Academy, 1802-1902. June 9, alumni day; June 10, field day; June 11, centennial day; June 12, graduation day. The programme in detail printed in Rept. Supt. U. S. Military Academy, 1902, pp. 57-58. (A)
- 1902, June 11.** Medal of honor presented by the President of the United States to Cadet Titus, fourth class, for gallant conduct at Peking Aug. 14, 1900. Rept. Supt. U. S. Military Academy, 1902, p. 17. (A)
- Banquet in celebration of the centennial . . . of the U. S. Military Academy, [at] Manila, June 11, 1902. Manila, 1902. 1 vol., O., pp. 40. (A)
- 1902, June 28.** Act of Congress authorizes the purchase of 200 atlases to be placed in cadets' rooms. (A)
- Act of Congress: The professors, etc., U. S. Military Academy, to have actual rank in the Army and command only in the academic department U. S. Military Academy; cadets to be paid \$500 and 1 ration (\$.30) per day; actual traveling expenses of accepted candidates to be paid; the President of the United States may appoint 40 cadets at large. (A)

- 1902, June 28.** Act of Congress provides for a librarian appointed from civil life [Edward S. Holden, U. S. Military Academy, 1870, appointed July 1]. (A)
- Act of Congress appropriates \$2,000,000 for the enlargement of the Academy immediately and authorizes a total outlay for this purpose of \$5,500,000. (A)
- 1902, June.** Songs: Centennial Dinner: U. S. Military Academy, West Point, 1902, 1 vol., O., pp. 23. (A)
- Jubilee 1802-1902. Miscellaneous items in Scrap Books, Jubilee. (A)
- 1902, July 1.** Class rings to be worn only after Jan. 1 of first class year. Special Orders, No. 121. (A)
- 1902, September.** Employment of a cadet's time during four years (in hours). Tactics, 2,850 hours; Mathematics, 1,800; Modern languages, 1,400; Engineering, 1,000; Natural philosophy, 950; Chemistry, etc., 650; Law and history, 550; Drawing, 475; Ordnance and gunnery, 300; Practical engineering, 100; Hygiene, 25; Sleep, 11,000; Recreation, 9,025; Meals, 2,775; Furloughs, 1,850; Chapel, 250; Total, 35,000 hours. Rept. Supt. U. S. Military Academy, 1902, p. 15. (A)
- 1902, summer of.** Cadets instructed in the handling of rations and the preparation of food in the field. Rept. Supt. U. S. Military Academy, 1902, p. 25. Detailed programme of instruction in the department of tactics, Jan. 1, to Dec. 1, *ibid.*, pp. 28-30. (A)
- 1902.** Report of Prof. C. W. Larned upon the reorganization of the plant of the U. S. Military Academy accompanied by estimates, plans, and drawings. West Point, 1902. 1 vol., O., 24 pp., and atlas F. (A)
- Board of Visitors named. N. Y. Times, Feb. 18, 1902, p. 3, col. 2.
- Congress considers enlargement. N. Y. Times (ed.), Mar. 25, 1902, p. 8, col. 2.
- West Point—Rebuilding. N. Y. Times (ed.), Apr. 16, 1902, p. 8, col. 2.
- Centennial (magazine supplement). N. Y. Times, May 11, 1902, p. 9, col. 1.
- Improvements planned. N. Y. Times, June 8, 1902, p. 32, col. 1.
- Centennial celebrations begun. N. Y. Times, 1902, June 10, p. 3, col. 1; June 11, p. 3, col. 1.
- West Point Centenary. N. Y. Times (ed.), June 11, 1902, p. 8, col. 1.
- Centennial day—Roosevelt, etc., speeches. N. Y. Times, June 12, 1902, p. 1, col. 7.
- 1902.** Degrees. N. Y. Times, June 13, 1902, p. 3, col. 1.
- Larned-Boorman letter. N. Y. Times, June 30, 1902, p. 8, col. 5.
- Major Greble and Cadet Moore hurt at artillery drill. N. Y. Times, July 13, 1902, p. 1, col. 5.
- Names of 35 new candidates. N. Y. Times, Aug. 3, 1902, p. 9, col. 4.
- Board of Visitors report. N. Y. Times, Aug. 9, 1902, p. 8, col. 2.
- Annual report. N. Y. Times, Oct. 17, 1902, p. 8, col. 6.
- Football—West Point wins, 22 to Annapolis 8. N. Y. Times, Nov. 30, 1902, p. 1, col. 7.
- The first class visits Gettysburg in April. Rept. Supt. U. S. Military Academy 1902, p. 7. Candidates admitted on certificates from high schools, etc., without examination, for the first time. *Ibid.*, p. 9. The new curriculum described. *Ibid.*, p. 9. (A)
- Regulations U. S. Military Academy [different editions were issued in the years 1810, 1814, 1821, 1825, 1829, 1832, 1839, 1840, 1841, 1853, 1857, 1866, 1873, 1877, 1883, 1894, 1902]. (A)
- Regulations for the interior discipline and police of the U. S. corps of cadets. By the commandant of cadets. West Point, 1902. 1 vol., O., pp. 50. (A)
- The battalion color of the corps of cadets was the blue color of a battalion of infantry until 1902, when a flag with a grey ground and black and gold fringe charged with the arms of the U. S. Military Academy was adopted. (*See* this catalogue Mar. 24, 1899, and *also* August 1821.)
- Information relative to the appointment and admission of cadets to the U. S. Military Academy (reprint from the Register). Rept. Bureau of Education, 1900-1901, p. 2421. (A)
- Designs for the new post and academy by Cram, Goodhue, and Ferguson in Arch. Rev., July, 1903, plates. (A)
- Review of Hancock's life at West Point, and brief comparison of French, English, and American military schools. The Athenæum, No. 3931, Feb. 28, 1903, p. 272. (A)
- Phonographs first used by the department of modern languages to assist in teaching pronunciation of French and Spanish. (A)
- Circular: Classification of the military works in the library, U. S. Military Academy (August, 1902). Circular: Arrangement of maps, charts, plans,

- etc., in the map room (October, 1902). (A)
- 1902.** The new curriculum. *In* Rept. Supt. U. S. Military Academy, 1902, p. 9. (A)
- Improvements at the U. S. Military Academy, West Point, N. Y. Report of a board of officers convened . . . July 12, 1902. West Point, 1902. 1 vol., O. (A)
- In 1902 electric bells were put into the cadet mess hall and the servants notified by cadet adjutant when the battalion was formed for meals and when it began its march to the hall. In this way hot meals are secured.
- The right to wear A on football uniform is given to cadets who have played in one army and navy game, or on five match games with other institutions.
- Jubilee. Holden (E. S.): The Military Academy. N. Y. Sun, June 22, 1902. (A)
- Hancock, H. I.: Life at West Point. Ill. New York, 1902, O. (A)
- West Point after a century, by Frederick Palmer. Ill. *In* The World's Work, August, 1902, p. 2433. (A)
- List of 317 graduates in civil life; list of 187 graduates on the retired list. *In* Bull. Assoc. Grads. U. S. Military Academy, No. 2 (1902). (A)
- Cadets of the third class are to write essays on subjects selected from English literature (this plan put into operation January, 1903). (A)
- Alphabetical list of periodicals in the U. S. Military Academy library subscribed for (or regularly presented) in 1902. (A)
- Appropriations bill, 1902. Committee of House on Military Affairs, Monday, Mar. 24, 1902. Statement of Col. A. L. Mills, Superintendent U. S. Military Academy. Washington, 1902. 1 vol., O., 99 pp. (A)
- Carson (John M.): Trophies and flags in the chapel, U. S. Military Academy, *in* Bull. Assoc. Grads., No. 2 (1902), p. 81. (A)
- Orders for the U. S. corps of cadets, 1902. 77 pp. (A)
- See speech of Hon. R. Wayne Parker, of New Jersey, in the House of Representatives, Apr. 22, 1902 [on the] enlargement of West Point. Washington, 1902. 1 vol., O., 8 pp. (A)
- The library, U. S. Military Academy (letter from the Superintendent U. S. Military Academy, to the Adjutant-General U. S. Army). Jour. U. S. Cav. Assoc., October, 1902, p. 199. (A)
- 1902 to**— Beach (Capt. William D., U. S. Army) [U. S. Military Academy, 1879]: Manual of military field engineering for the use of officers and troops of the line. Fort Leavenworth, 1894. 1 vol., O. (Text-book department of practical and military engineering, 1902 to —.) Cadet Register, 1902, p. 31. (A)
- Carter (Capt. William H.) [U. S. Military Academy, 1873]: Horses, saddles, and bridles. Leavenworth, Kans., 1895. 1 vol., O. (*Text-book department of tactics, 1902 to —.) Cadet Register, 1902, p. 32. (A)
- Willcox (Cornelis De Witt) [U. S. Military Academy, 1885]: A French-English military technical dictionary. Washington, 1899. 1 vol., O. (*Text-book department of modern languages, 1902 to —.) Cadet Register, 1902, p. 31.
- Professional papers of the Corps of Engineers, U. S. Army. No. 29—Topographical reconnaissance, being Chapter I of the Engineer Field Manual. Prepared under the direction of the commanding officer of the Engineer School of Application. Washington, 1901. 1 vol., O. (Text-book department of practical and military engineering, 1902 to —.) Cadet Register, 1902, p. 31. (A)
- Official publications of Signal Department. (*Text-book department of practical and military engineering, 1902 to —.) Cadet Register, 1902, p. 31.
- Phillips (A. W.) and Fisher (Irving): Elements of geometry. New York and London, 1898. 1 vol., O. (Text-book department of mathematics, 1902 to —.) Cadet Register, 1902, p. 31. (A)
- 1903, January 17.** Cadets of the first class visit Watervliet Arsenal under the guidance of the head of the department of ordnance and gunnery (and are to visit Sandy Hook proving station during the spring).
- 1903, January.** Tactical officers inspecting the rooms of their companies take the rooms in any order—beginning on the ground floor and going in regular order. Orders commandant of cadets. (A)
- 1903, April 20.** Bibles distributed to first class in the chapel, the whole corps in attendance. S. O. headquarters U. S. Military Academy.
- 1903.** "Hundredth Day" opera. N. Y. Times, Feb. 22, 1903, p. 2, col. 3.
- Cadets of the second class visit the Metropolitan Museum of Art under the guidance of the professor of drawing.

- 1903.** The bugle calls sounded for cadet call to quarters, etc., written down by Trumpeter I. Lewis for the library. He learned them (by ear) from L. Benz, bugler, 1845-1878. (A)
- Department of drawing: Book of letters and lettering. n. p., n. d. 1 vol., obl., Q. (A)
- Department of drawing: Geometrical problems in pencil. n. p., n. d. 1 vol., obl., Q. (A)
- Department of drawing: Topography—conventional signs. n. p., n. d. 1 sheet 10 x 4. (A)
- Department of drawing: Triangulation and traverse notes. n. p., n. d. 1 vol., O., pp. 8. (A)
- Garrison (Lieut. Frederick, U. S. Army): On Guard; or, Mark Mallory's Celebration . . . Ill. New York [1903]. 1 vol., O., 283 pp. (A)
- 1903.** Garrison (Lieut. Frederick, U. S. Army): Off for West Point; or, Mark Mallory's Struggle . . . Ill. New York [1903]. 1 vol., O., 251 pp. (A)
- Garrison (Lieut. Frederick, U. S. Army): A West Point Treasure; or, Mark Mallory's Strange Find . . . Ill. New York [1903]. 1 vol., O., 285 pp. (A)
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- U. S. Military Academy astronomical observations. *See* Bartlett (W. H. C.); Lee (T. J.) in the following pages,

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- East River Suspension Bridge. Ill., Q., pp. [32]. [Willets Point, New York Harbor], 1882. [Essays Club Papers, No. 50.]
- , translator. Improvement of navigable nontidal rivers. By Prof. J. Schlichting. Leipzig, 1882. Pl., Q., pp. 121. Willets Point, New York Harbor, 1885. [Engineer School of Application, Paper No. IX.]
- Project, plan, estimate, etc., for the improvement of Broad and Saluda rivers above Columbia, S. C. Rept. Chief of Eng., 1889, p. 1207. (C)
- Edisto River, S. C., North and South forks. Rept. Chief of Eng., 1889, p. 1210. (C)
- Socastee Creek, S. C. Rept. Chief of Eng., 1889, p. 1215. (C)
- Ashepoo River, S. C., below the Charleston and Savannah Railroad bridge. Rept. Chief of Eng., 1889, p. 1218. (C)
- Beaufort River, S. C. Rept. Chief of Eng., 1890, pp. 1236, 1237. (C)
- Orvenden and Wando rivers, S. C. Rept. Chief of Eng., 1890, pp. 1243, 1244. (C)
- Lynch River, S. C. Rept. Chief of Eng., 1893, p. 1533. (A)
- Congaree River just below Columbia, S. C. Rept. Chief of Eng., 1894, p. 1096; 1896, p. 1184. (A)
- Red Lake and Red Lake River, Minn. Rept. Chief of Eng., 1900, p. 2828. (A)
- Otter Tail Lake and Otter Tail River, Minn. Rept. Chief of Eng., 1900, p. 2830. (A)
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- Causes of and the means of preventing the excessive floods in the Mississippi River between the Government dam at Sandy Lake and Brainerd, Minn., and the effect thereof on the interests of navigation. Rept. Chief of Eng., 1901, p. 2344. (A)
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- See Boards—Harris, 5, 6, 7; Stanton, 1, 2. See Commission—Humphreys, 2.
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- Bache, Hartman (U. S. M. A., 1818).** Died Oct. 8, 1872, aged 74. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)
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- Backus, George Benjamin (U. S. M. A. 1875).** Died June 14, 1895, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
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- Bacon, Henry (of New York).** Member of Board of Visitors to U. S. M. A. in 1888.
- Badollet, James P. (U. S. M. A., 1814).** Died May 8, 1878, aged 81. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
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- Baker, N. B.** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1875.
- Baker, Maj. Rufus Lathrop** (of Connecticut). Member of Board of Visitors (Inspection) to U. S. M. A. in 1844 and in 1859.
- Balch, George Thatcher** (U. S. M. A., 1851). Died Apr. 15, 1894, aged 66. Obituary *in* Ann. Assoc. Grads., U. S. M. A., 1894. (A)
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- Banks, E.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1833.
- Banning, Henry B.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1877.
- Barbarin, Francis Noel** (U. S. M. A., 1820). Died Feb. 28, 1883, aged 82. *Obituary in Ann. Assoc. Grads.*, U. S. M. A., 1883. (A)
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- Blackburn, Joseph C. S.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1882.
- Blaine, James G.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1861 and in 1877.
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— harbor lines at Oswego, N. Y. Members: Col. H. L. Abbot, 19; Maj. E. H. Ruffner, Capt. D. C. Kingman. Rept. Chief of Eng., 1893, p. 3179. (A)

— harbor lines, Harlem River. Members: Col. H. L. Abbot, 20; Col. C. B. Comstock, Lieut. Col. H. M. Robert, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1894, p. 786. (A)

— harbor lines at Squaw Island, Niagara River, N. Y. Members: Col. H. L. Abbot, 21; Col. C. B. Comstock, Capt. D. C. Kingman. Rept. Chief of Eng., 1894, p. 2452. (A)

— harbor lines in East River, N. Y. Members: Col. H. L. Abbot, 22; Col. W. P. Craighill, Lieut. Col. H. M. Robert. Rept. Chief of Eng., 1865, p. 1017. (A)

Boards. Project, plan, estimate, etc., for the improvement of breakwater at Buffalo, N. Y. Members: Col. H. L. Abbot, 23; Maj. H. M. Adams, Capt. D. C. Kingman. Rept. Chief of Eng., 1895, p. 3153. (A)

— bridges across certain rivers. Members: Lieut. Col. M. B. Adams, Maj. C. F. Powell, Major Willard, Maj. W. H. Bixby, Maj. D. C. Kingman, Capt. H. F. Hodges, Capt. E. Burr. Rept. Chief of Eng., 1900, p. 5103. (A)

— San Diego Harbor, Cal. Members: Lieut. Col. B. S. Alexander, 1; president Board of Pacific coast. Rept. Chief of Eng., 1870, p. 514; 1872, p. 998. (A)

— Willamette River bridge at Portland, Ore. Members: Lieut. Col. B. S. Alexander, 2; Maj. C. S. Stewart, Maj. G. H. Mendell, Maj. H. M. Robert, Lieut. J. H. Weeden. Rept. Chief of Eng., 1873, p. 593. (A)

— San Diego Harbor, Cal. Members: Lieut. Col. B. S. Alexander, 3; Lieut. Col. C. S. Stewart, Maj. G. H. Mendell, Lieut. J. H. Weeden. Rept. Chief of Eng., 1876, p. 630. (A)

— Willamette and Columbia rivers. Members: Lieut. Col. B. S. Alexander, 4; Lieut. Col. C. S. Stewart, Maj. G. H. Mendell, Maj. J. M. Wilson. Rept. Chief of Eng., 1877, p. 1019. (A)

— Pacific coast, harbor of refuge. Members: Lieut. Col. B. S. Alexander, 5; Lieut. Col. R. S. Williamson, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1054. (A)

— Cape Gregory, Ore. Members: Lieut. Col. B. S. Alexander, 6; Lieut. Col. C. S. Stewart, Lieut. Col. R. S. Williamson, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1055. (A)

— Columbia River, Ore. Members: Lieut. Col. B. S. Alexander, 7; Lieut. Col. C. S. Stewart, Lieut. Col. R. S. Williamson, Maj. G. H. Mendell, Maj. J. M. Wilson, Lieut. A. H. Payson. Rept. Chief of Eng., 1878, p. 1333. (A)

— Ashland Harbor, Wis. Members: Maj. C. J. Allen, 1; Capt. D. W. Lockwood, Capt. W. L. Marshall. Rept. Chief of Eng., 1887, p. 1961. (A)

— Mississippi River. Members: Maj. C. J. Allen, 2; Maj. H. M. Adams, Capt. W. L. Marshall. Rept. Chief of Eng., 1888, p. 1511. (A)

— Memorial Bridge, Washington, D. C. Members: Lieut. Col. C. J. Allen, 2a; Maj. T. W. Symons, Capt. D. DuB. Gailard. Rept. Chief of Eng., 1900, p. 5126. (A)

— bridge across Potomac River, Washington, D. C. Members: Lieut. Col. C. J. Allen, 3; Capt. E. Burr, Capt. L. H. Beach, Lieut. G. M. Hoffman. Rept. Chief of Eng., 1902, p. 2653. (A)

— Burlington Harbor, Vt. Members: Col. H. Bache, 1; Lieut. Col. G. Thom, Lieut. Col. C. E. Blunt. Rept. Chief of Eng., 1867, pp. 234, 251. (A)

— Ogdensburg Harbor, N. Y. Members: Col. H. Bache, 2; Lieut. Col. G. Thom, Lieut. Col. C. E. Blunt. Rept. Chief of Eng., 1867, p. 248. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of Hudson River. Members: Col. H. Bache, 3; Col. H. Brewerton, Lieut. Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1867, p. 445. (A)
- Provincetown Harbor, Mass. Members: Col. H. Bache, 4; Col. H. W. Benham, Lieut. Col. J. G. Foster. Rept. Chief of Eng., 1867, p. 464. (A)
- Saco River, Me. Members: Col. H. Bache, 5; Lieut. Col. G. Thom, Maj. T. L. Casey. Rept. Chief of Eng., 1867, p. 483. (A)
- Portland Harbor, Me. Members: Col. H. Bache, 6; Lieut. Col. G. Thom, Maj. T. L. Casey. Rept. Chief of Eng., 1867, p. 487. (A)
- Block Island, R. I. Members: Col. H. Bache, 7-8; and others. Rept. Chief of Eng., 1870, p. 451; 1875, p. 294; 1877, p. 201. (A)
- Tennessee River, Tenn. Members: Lieut. Col. J. W. Barlow, 1; Maj. A. Mackenzie, Maj. H. M. Adams. Rept. Chief of Eng., 1891, pp. 2313, 2317. (A)
- Cleveland Harbor, Ohio. Members: Col. J. W. Barlow, 2; Col. J. A. Smith, Maj. T. W. Symons. Rept. Chief of Eng., 1899, p. 3086. (A)
- Illinois and Desplaines rivers, Ill. Members: Col. J. W. Barlow, 3; Maj. J. H. Willard, Maj. C. McD. Townsend. Rept. Chief of Eng., 1900, p. 3857. (A)
- upper Illinois and Desplaines rivers, Ill. Members: Col. J. W. Barlow, 4; Maj. J. H. Willard, Maj. C. McD. Townsend. Rept. Chief of Eng., 1901, pp. 3049, 3058. (A)
- Ohio River Falls. Members: Col. J. G. Barnard, 1; Lieut. Col. J. G. Foster, Maj. O. M. Poe. Rept. Chief of Eng., 1872, p. 460. (A)
- James River and Kanawha canal. Members: Col. J. G. Barnard, 2-3; Maj. W. P. Craighill, Maj. G. Weitzel, Lieut. T. Turtle. Rept. Chief of Eng., 1874, p. 90; 1875, p. 632; 1877, p. 677. (A)
- Mississippi River at mouth. Members: Col. J. G. Barnard, 4; Lieut. Col. J. Newton, Maj. A. A. Gillmore, Maj. G. K. Warren, Maj. W. P. Craighill, Maj. G. Weitzel, Capt. C. W. Howell. Rept. Chief of Eng., 1874, p. 823. (A)
- Mississippi River, Cairo to mouth. Members: Col. J. G. Barnard, 5; Col. Z. B. Tower, Lieut. Col. H. G. Wright, Maj. C. B. Comstock, Maj. C. R. Suter. Rept. Chief of Eng., 1879, p. 1008. (A)
- Mississippi River levees. Members: Col. J. G. Barnard, 6; Col. Z. B. Tower, Lieut. Col. H. G. Wright, Maj. C. B. Comstock, Maj. C. R. Suter. Rept. Chief of Eng., 1879, p. 1018. (A)
- Sacramento and Feather rivers, Cal. Members: Lieut. Col. W. H. H. Benyaurd, 1; Maj. W. H. Heuer, Maj. T. H. Handbury. Rept. Chief of Eng., 1891, p. 2995. (A)
- harbor lines at Napa City, Cal. Members: Lieut. Col. W. H. H. Benyaurd, 2; Maj. W. H. Heuer, Lieut. C. L. Potter. Rept. Chief of Eng., 1894, p. 2525. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Sacramento River, Cal. Members: Lieut. Col. W. H. H. Benyaurd, 3; Maj. W. H. Heuer, Capt. C. E. Gillette. Rept. Chief of Eng., 1896, p. 3199. (A)
- Southern waters, removal of water hyacinth. Members: Lieut. Col. W. H. H. Benyaurd, 4; Maj. J. B. Quinn. Rept. Chief of Eng., 1899, p. 1613. (A)
- Cape Cod ship canal, Mass. Members: Gen. R. F. Bernard, 1; Major Totten. Rept. Chief of Eng., 1870, p. 491. (A)
- Mississippi River to Atlantic Ocean. Members: Gen. R. F. Bernard, 2; Captain Poussin. Rept. Chief of Eng., 1876, p. 514. (A)
- Chesapeake and Ohio Canal. Members: Col. Bernard, 3; Capt. W. T. Poussin. Rept. Chief of Eng., 1874, p. 544. (A)
- Brunswick Harbor, Ga. Members: Capt. W. H. Bixby, Lieut. O. M. Carter. Rept. of Chief of Eng., 1889, p. 1293. (A)
- St. Augustine Harbor, Fla. Members: Capt. W. M. Black, Lieut. O. M. Carter, Lieut. D. DuB. Gaillard. Rept. Chief of Eng., 1891, p. 1687. (A)
- Sandy Bay, Mass. Members: Col. C. E. Blunt, Lieut. Col. W. P. Craighill, Lieut. Col. W. McFarland, Maj. C. W. Raymond. Rept. Chief of Eng., 1885, pp. 523, 528. (A)
- Savannah Harbor and River, Ga. Members: Captain Bowen, Lieutenant Gilmer. Rept. Chief of Eng., 1873, p. 737. (A)
- water supply of Washington, D. C. Members: Col. T. L. Casey, 1; Lieut. Col. W. P. Craighill, Maj. G. J. Lydecker. Rept. Chief of Eng., 1885, p. 2497. (A)
- Saco River, Me. Members: Col. T. L. Casey, 2; Col. H. L. Abbot, Lieut. Col. D. C. Houston, Maj. W. R. King. Rept. Chief of Eng., 1887, p. 459. (A)
- New York Harbor. Members: Col. T. L. Casey, 3; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 731. (A)
- Arkansas River, above Fort Smith, Ark. Members: Col. T. L. Casey, 4; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 1523. (A)
- Mississippi River. Members: Col. T. L. Casey, 5; Col. H. L. Abbot, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1887, pp. 1680, 1692. (A)
- Fox and Wisconsin rivers. Members: Col. T. L. Casey, 6; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 2094. (A)
- Toledo Harbor, Ohio. Members: Col. T. L. Casey, 7; Col. H. L. Abbot, Col. W. P. Craighill, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1887, p. 2295. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Members: Col. T. L. Casey, 8; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston. Rept. Chief of Eng., 1887, p. 2362. (A)
- Oswego, N. Y. Members: Col. T. L. Casey, 9; Col. H. L. Abbot, Lieut. Col. D. C. Houston. Rept. Chief of Eng., 1887, p. 2390. (A)
- Brazos River, Tex. Members: Col. T. L. Casey, 10; Col. H. L. Abbot, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1299. (A)
- Matagorda Bay, Tex. Members: Col. T. L. Casey, 11; Col. H. L. Abbot, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1299. (A)
- Aransas Pass and Bay, Tex. Members: Col. T. L. Casey, 12; Col. H. L. Abbot, Col. W. P. Craighill, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1318. (A)
- Arkansas River, Ark. and Kans. Members: Col. T. L. Casey, 13; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1389. (A)
- bridge, Arthur Kill. Members: Col. T. L. Casey, 14; Lieut. Col. H. M. Robert, Lieut. Col. P. C. Hains, Maj. W. R. King, Capt. E. Maguire. Rept. Chief of Eng., 1888, pp. 2423, 2426, 2429. (A)
- bridge, Staton Island Sound. Members: Col. T. L. Casey, 15; Lieut. Col. H. M. Robert, Lieut. Col. P. C. Hains, Maj. W. R. King, Capt. E. Maguire. Rept. Chief of Eng., 1888, p. 2430. (A)
- Chesapeake and Delaware Canal. Members: Brig. Gen. T. L. Casey, 16; Col. W. P. Craighill. Rept. Chief of Eng., 1895, p. 1195. (A)
- Lakes Huron and Erie, canal to connect. Members: Maj. C. B. Comstock, 1; Maj. G. Weitzel. Rept. Chief of Eng., 1874, p. 213. (A)
- Mississippi River, Falls of St. Anthony to Cairo. Members: Maj. C. B. Comstock, 2; Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1879, p. 1143. (A)
- Mississippi River, Dubuque Harbor, Iowa. Members: Maj. C. B. Comstock, 3; Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1879, p. 1143. (A)
- Mississippi River. Members: Maj. C. B. Comstock, 4; Maj. C. R. Suter, Capt. A. Mackenzie. Rept. Chief of Eng., 1881, p. 1569. (A)
- Grand Marais, Mich., harbor of refuge. Members: Lieut. Col. C. B. Comstock, 5; Maj. G. Weitzel, Maj. H. M. Robert. Rept. Chief of Eng., 1881, p. 2050. (A)
- Milwaukee Bay, Wis. Members: Maj. C. B. Comstock, 6; Maj. G. Weitzel, Maj. H. M. Robert. Rept. Chief of Eng., 1881, p. 2122. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Great Kanawha River, W. Va. Members: Lieut. Col. C. B. Comstock, 7; Maj. G. Weitzel, Maj. W. E. Merrill, Capt. T. Turtle. Rept. Chief of Eng., 1882, p. 926. (A)
- Ohio River bridge at Louisville, Ky. Members: Lieut. Col. C. B. Comstock, 8; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1882, p. 1988. (A)
- Ohio River bridge at Hendersonville, Ky. Members: Lieut. Col. C. B. Comstock, 9; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1882, p. 1992. (A)
- Ohio River bridge at Point Pleasant, W. Va. Members: Lieut. Col. C. B. Comstock, 10; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1882, p. 2000. (A)
- Ohio River bridge at Wheeling, W. Va. Members: Lieut. Col. C. B. Comstock, 11; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1884, p. 1776. (A)
- Atlantic City Harbor, N. J. Members: Lieut. Col. C. B. Comstock, 12; Lieut. Col. H. M. Robert, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 815. (A)
- Illinois and Michigan Canal. Members: Lieut. Col. C. B. Comstock, 13; Lieut. Col. O. M. Poe, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 2128. (A)
- Hennepin Canal. Members: Lieut. Col. C. B. Comstock, 14; Lieut. Col. O. M. Poe, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 2137. (A)
- Winyaw Bay, S. C. Members: Col. C. B. Comstock, 15; Lieut. Col. D. C. Houston, Lieut. Col. H. M. Robert. Rept. Chief of Eng., 1889, p. 1114. (A)
- bridge, Mississippi River. Members: Col. C. B. Comstock, 16; Lieut. Col. C. R. Suter, Maj. O. H. Ernst, Maj. C. J. Allen, Capt. D. C. Kingman. Rept. Chief of Eng., 1890, p. 3454. (A)
- bridges, Mississippi River. Members: Col. C. B. Comstock, 17; Maj. C. J. Allen, Capt. D. C. Kingman. Rept. Chief of Eng., 1890, p. 3457. (A)
- bridge, Ohio River. Members: Col. C. B. Comstock, 18; Lieut. Col. C. R. Suter, Maj. C. J. Allen. Rept. Chief of Eng., 1890, p. 3470. (A)
- Sabine Pass, Tex. Members: Col. C. B. Comstock, 19; Maj. J. B. Quinn, Capt. W. M. Black. Rept. Chief of Eng., 1891, p. 1834. (A)
- Galveston Bay Ship Channel, Tex. Members: Col. C. B. Comstock, 20; Maj. C. J. Allen, Lieut. W. C. Langfitt. Rept. Chief of Eng., 1891, p. 1910. (A)
- Ohio River at Logstown Bar. Members: Col. C. B. Comstock, 21; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1893, p. 2476. (A)
- Bishop Canal Lock. Members: Maj. W. P. Craighill, a; Capt. W. R. King. Rept. Chief of Eng., 1869, p. 529. (A)

Boards. Project, plan, estimate, etc., for the improvement of Fox and Wisconsin rivers. Members: Maj. W. P. Craighill, 1; Maj. D. C. Houston, Maj. W. E. Merrill. Rept. Chief of Eng., 1879, p. 1547. (A)

— Kentucky River, Ky. Members: Lieut. Col. W. P. Craighill, 2; Lieut. Col. W. E. Merrill, Capt. J. C. Post. Rept. Chief of Eng., 1884, pp. 1729, 1731. (A)

— Ohio River, bridge at Beaver, Pa. Members: Lieut. Col. W. P. Craighill, 3; Lieut. Col. G. Weitzel, Maj. A. Mackenzie. Rept. Chief of Eng., 1884, p. 1786; 1887, p. 2655. (A)

— Great Kanawha River, bridge at Charleston, W. Va. Members: Lieut. Col. W. P. Craighill, 4; Lieut. Col. W. E. Merrill, Capt. J. C. Post. Rept. Chief of Eng., 1884, p. 1798. (A)

— Delaware River. Members: Lieut. Col. W. P. Craighill, 5; Lieut. Col. W. McFarland, Maj. G. L. Gillespie, Maj. W. H. Heuer. Rept. Chief of Eng., 1885, pp. 822, 830; 1886, p. 822. (A)

— Norfolk Harbor, Va. Members: Lieut. Col. W. P. Craighill, 6; Maj. P. C. Hains, Capt. F. A. Hinman. Rept. Chief of Eng., 1885, pp. 1020, 1021; 1887, p. 974. (A)

— Sturgeon Bay Canal, Wis. Members: Lieut. Col. W. P. Craighill, 7; Lieut. Col. G. L. Gillespie, Capt. W. L. Marshall. Rept. Chief of Eng., 1887, p. 2021. (A)

— Black Warrior River, Ala. Members: Col. W. P. Craighill, 8; Lieut. Col. W. E. Merrill, Maj. W. R. King, Maj. A. N. Damrell, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 1302. (A)

— Kentucky River, Ky. Members: Col. W. P. Craighill, 9; Lieut. Col. W. E. Merrill, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 1882. (A)

— Delaware River. Members: Col. W. P. Craighill, 10; Lieut. Col. C. B. Comstock, Lieut. Col. H. M. Robert. Rept. Chief of Eng., 1888, p. 679. (A)

— Columbia River, Oreg. Members: Col. W. P. Craighill, 11; Lieut. Col. G. L. Gillespie, Maj. J. C. Post. Rept. Chief of Eng., 1888, p. 2170. (A)

— bridge, Great Kanawha River. Members: Col. W. P. Craighill, 12; Lieut. Col. W. E. Merrill, Maj. J. C. Post. Rept. Chief of Eng., 1888, p. 2448. (A)

— Norfolk Harbor, Va. Members: W. P. Craighill, 13; Lieut. Col. P. C. Hains, Lieut. G. J. Fieberger. Rept. Chief of Eng., 1889, p. 979; 1890, p. 1030. (A)

— Savannah River, Ga. Members: Col. W. P. Craighill, 14; Capt. W. H. Bixby, Lieut. O. M. Carter. Rept. Chief of Eng. 1889, p. 1289. (A)

— James River, Va. Members: Col. W. P. Craighill, 15; Lieut. Col. P. C. Hains, Lieut. G. J. Fieberger. Rept. Chief of Eng., 1890, p. 1016. (A)

— Delaware Bay, Del. Members: Col. W. P. Craighill, 16; Maj. C. W. Raymond,

Capt. W. H. Bixby. Rept. Chief of Eng., 1891, p. 1120; 1892, p. 941. (A)

Boards. Project, plan, estimate, etc., for the improvement of Philadelphia Harbor, Pa. Members: Col. W. P. Craighill, 17; Col. C. B. Comstock, Maj. C. W. Raymond. Rept. Chief of Eng., 1891, p. 1122. (A)

— Sandy Bay, Mass. Members: Col. W. P. Craighill, 18; Lieut. Col. S. M. Mansfield, Maj. C. W. Raymond. Rept. Chief of Eng., 1892, p. 560. (A)

— Potomac River, D. C. Members: Col. W. P. Craighill, 19; Lieut. Col. G. H. Elliot, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1892, p. 1080. (A)

— Bayou Plaquemine, La. Members: Col. W. P. Craighill, 20; Maj. A. Mackenzie, Maj. J. B. Quinn. Rept. Chief of Eng., 1892, pp. 1496, 1498. (A)

— Big Sandy River, W. Va. and Ky. Members: Col. W. P. Craighill, 21; Maj. D. W. Lockwood, Capt. T. Turtle. Rept. Chief of Eng., 1892, p. 2102. (A)

— New York Harbor, harbor lines. Members: Col. W. P. Craighill, 22; Col. C. B. Comstock, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1893, pp. 1088, 1095. (A)

— Deep-water harbor at San Pedro or Santa Monica bays, Cal. Members: Col. W. P. Craighill, 23; Lieut. Col. H. M. Robert, Lieut. Col. P. C. Hains, Maj. C. W. Raymond, Maj. T. H. Handbury. Rept. Chief of Eng., 1893, p. 3238. (A)

— harbor lines, Port of Philadelphia, Pa. Members: Col. W. P. Craighill, 24; Col. C. B. Comstock, Maj. C. W. Raymond. Rept. Chief of Eng., 1894, p. 864. (A)

— Allegheny River below Herr Island. Members: Col. W. P. Craighill, 25; Maj. D. W. Lockwood, Maj. T. Turtle. Rept. Chief of Eng., 1894, p. 1924. (A)

— Buffalo Harbor, N. Y. Members: Col. T. J. Cram, 1; Col. J. N. Macomb, Lieut. Col. W. F. Reynolds, Lieut. Col. J. Newton, Lieut. Col. C. E. Blunt, Maj. J. B. Wheeler, Capt. F. Harwood. Rept. Chief of Eng., 1868, p. 220. (A)

— New Buffalo Harbor, Mich. Members: Col. T. J. Cram, 2; Col. J. N. Macomb, Lieut. Col. W. F. Reynolds, Lieut. Col. J. Newton, Lieut. Col. C. E. Blunt, Maj. J. B. Wheeler, Capt. F. Harwood. Rept. Chief of Eng., 1868, p. 223. (A)

— Marquette Harbor, Mich. Members: Maj. C. E. L. B. Davis, Maj. C. J. Allen, Maj. J. B. Quinn. Rept. Chief of Eng., 1889, p. 2032. (A)

— Cape Fear River, N. C. Members: Col. R. E. De Russy and others. Rept. Chief of Eng., 1873, p. 809. (A)

— Nantucket Harbor, Mass. Members: Col. J. C. Duane, 1; Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 576. (A)

Boards. Project, plan, estimate, etc., for the improvement of New York Harbor. Members: Col. J. C. Duane, 2; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 783. (A)

— Sabine Pass, Tex. Members: Col. J. C. Duane, 3; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 1420. (A)

— Rouse's Point Harbor, N. Y. Members: Col. J. C. Duane, 4; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 2302. (A)

— Galveston Harbor, Tex. Members: Col. J. C. Duane, 5; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1886, p. 1292. (A)

— Water supply of Washington, D. C. Members: Col. J. C. Duane, 6; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 2546. (A)

— Feasibility and advisability of using the water power of Great Falls for providing electric light for public and private use in the District of Columbia. Members: Col. G. H. Elliot, Capt. J. G. D. Knight. Rept. Chief of Eng., 1894, p. 3256. (A)

— Project, plan, estimate, etc., for the improvement of Charleston Harbor, S. C. Members: Lieut. Col. G. L. Gillespie, 1; Lieut. Col. W. R. King, Maj. J. C. Post. Rept. Chief of Eng., 1889, p. 1150. (A)

— Savannah River, Ga. Members: Lieut. Col. G. L. Gillespie, 2; Lieut. Col. W. R. King, Maj. J. C. Post. Rept. Chief of Eng., 1889, p. 1236. (A)

— Cumberland Sound, Ga. and Fla. Members: Lieut. Col. G. L. Gillespie, 3; Lieut. Col. W. R. King, Maj. J. C. Post. Rept. Chief of Eng., 1889, p. 1281. (A)

— Hudson River, N. Y. Members: Lieut. Col. G. L. Gillespie, 4; Maj. A. Stickney, Maj. C. W. Raymond. Rept. Chief of Eng., 1892, p. 752. (A)

— harbor lines in Greenport Harbor, Conn. Members: Col. G. L. Gillespie, 5; Capt. W. L. Fisk, Lieut. W. E. Craighill. Rept. Chief of Eng., 1896, p. 816. (A)

— Cape Fear River, N. C. Members: Lieut. Col. Q. H. Gillmore, 1; Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Capt. T. Turtle. Rept. Chief of Eng., 1882, p. 942. (A)

— Potomac River, D. C. Members: Lieut. Col. Q. H. Gillmore, 2; Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Capt. T. Turtle. Rept. Chief of Eng., 1882, p. 987. (A)

— Potomac River, D. C. Members: Lieut. Col. Q. H. Gillmore, 3; Lieut. Col. C. B. Comstock, Lieut. Col. W. P. Craighill. Rept. Chief of Eng., 1885, p. 941. (A)

— Rock Island Rapids, Mississippi River. Member: Capt. P. C. Hains, 1. Rept. Chief of Eng., 1867, p. 298. (A)

— Wharf, Fort Monroe, Va. Member: Lieut. Col. P. C. Hains, 2. Rept. Chief of Eng., 1888, p. 805. (A)

Boards. Project, plan, estimate, etc., for the improvement of Christiana River, Del. Members: Col. P. C. Hains, 3; Maj. C. W. Raymond, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1896, p. 992. (A)

— harbor lines at or near Snow Hill, Pocomoke River, Md. Members: Col. P. C. Hains, 4; Maj. C. W. Raymond, Lieut. S. Cosby. Rept. Chief of Eng., 1896, p. 996. (A)

— Cumberland Sound, Ga. Members: Col. P. C. Hains, 5; Maj. T. H. Handbury, Capt. W. M. Black, Capt. F. V. Abbot, Capt. O. M. Carter, Lieut. H. Burgess. Rept. Chief of Eng., 1896, p. 1289. (A)

— St. Johns River, Fla. Members: Col. P. C. Hains, 6; Maj. T. H. Handbury, Capt. W. M. Black, Capt. F. V. Abbot, Capt. O. M. Carter, Lieut. H. Burgess. Rept. Chief of Eng., 1896, p. 1309. (A)

— Ashley and Cooper rivers, S. C., harbor lines. Members: Col. P. C. Hains, 7; Maj. W. T. Rossell, Capt. F. V. Abbot, Lieut. E. R. Stuart. Rept. Chief of Eng., 1897, p. 1488. (A)

— Wilmington Harbor and Christiana River, Del. Members: Col. P. C. Hains, 8; Maj. C. J. Allen, Maj. C. W. Raymond. Rept. Chief of Eng., 1897, p. 1255. (A)

— Coosa River, Ga. and Ala. Members: Col. P. C. Hains, 9; Maj. R. L. Hoxie, Maj. W. T. Rossell, Lieut. W. E. Craighill. Rept. Chief of Eng., 1897, p. 1650. (A)

— Siuslaw River and Bar, Ore. Members: Maj. T. H. Handbury, Capt. T. W. Symons, Lieut. E. Burr. Rept. Chief of Eng., 1891, p. 3175. (A)

— Willamette River, Ore. Members: Maj. W. H. Heuer, Capt. W. C. Langfitt, Capt. W. W. Harts. Rept. Chief of Eng., 1900, p. 4374. (A)

— Saugatuck Harbor, Mich. Members: Maj. D. C. Houston, 1; Maj. J. M. Wilson, Maj. S. M. Mansfield. Rept. Chief of Eng., 1875, p. 258; 1876, vol. 2, p. 506. (A)

— St. Joseph Harbor, Mich. Members: Maj. D. C. Houston, 2; Maj. G. L. Gillespie, Maj. S. M. Mansfield. Rept. Chief of Eng., 1876, p. 316. (A)

— St. Joseph Harbor, bridge at St. Joseph, Mich. Members: Maj. D. C. Houston, 3; Maj. G. L. Gillespie, Maj. S. M. Mansfield. Rept. Chief of Eng., 1876, p. 317. (A)

— Ahnapee Harbor, Wis. Members: Maj. D. C. Houston, 4; Maj. H. M. Robert, Maj. F. U. Farquhar, Maj. G. L. Gillespie, Maj. S. M. Mansfield. Rept. Chief of Eng., 1876, pp. 346, 354. (A)

— Chicago Harbor, Ill. Members: Maj. D. C. Houston, 5; Maj. H. M. Robert, Maj. J. A. Smith, Maj. S. M. Mansfield, Capt. G. J. Lydecker. Rept. Chief of Eng., 1879, p. 1561. (A)

— Michigan City Harbor, Ind. Members: Maj. D. C. Houston, 6; Maj. H. M. Robert, Maj. J. A. Smith, Maj. S. M. Mansfield, Capt. G. J. Lydecker. Rept. Chief of Eng., 1879, p. 1588. (A)

Boards. Project, plan, estimate, etc., for the improvement of Superior Bay and St. Louis Bay, Wis. Members: Maj. D. C. Houston, 7; Capt. A. Mackenzie, Capt. C. J. Allen. Rept. Chief of Eng., 1880, pp. 2024, 2029. (A)

— Mississippi River. Members: Maj. D. C. Houston, 8; Maj. H. M. Robert, Maj. G. J. Lydecker, Capt. C. J. Allen. Rept. Chief of Eng., 1881, p. 1763; 1883, p. 1471. (A)

— Duluth Harbor, Minn. Members: Maj. D. C. Houston, 9; Capt. A. Mackenzie, Capt. C. J. Allen. Rept. Chief of Eng., 1881, p. 2026. (A)

— Michigan City Harbor, Ind. Members: Maj. D. C. Houston, 10; Maj. H. M. Robert, Maj. J. A. Smith, Maj. G. J. Lydecker. Rept. Chief of Eng., 1881, p. 2187; 1882, p. 2264. (A)

— Sturgeon Bay Canal, Wis. Members: Lieut. Col. D. C. Houston, 11; Maj. H. M. Robert. Rept. Chief of Eng., 1883, p. 1657. (A)

— Fox and Wisconsin rivers. Members: Lieut. Col. D. C. Houston, 12; Maj. H. M. Robert, Maj. W. H. H. Benyaurd. Rept. Chief of Eng., 1883, pp. 1725, 1727, 1738. (A)

— Calumet River, Ill. and Ind. Members: Lieut. Col. D. C. Houston, 13; Maj. J. A. Smith, Maj. W. H. H. Benyaurd. Rept. Chief of Eng., 1883, p. 1748. (A)

— Frankfort Harbor, Mich. Members: Maj. D. C. Houston, 14; Maj. J. A. Smith, Maj. W. H. H. Benyaurd. Rept. Chief of Eng., 1883, p. 1811. (A)

— Stamford Harbor, Conn. Members: Col. D. C. Houston, 15; Lieut. Col. G. L. Gillespie, Capt. T. L. Casey. Rept. Chief of Eng., 1890, pp. 332, 682, 683, 686. (A)

— Wilmington Harbor, Del. Members: Col. D. C. Houston, 16; Maj. C. W. Raymond. Rept. Chief of Eng., 1891, p. 1138. (A)

— Bridgeport Harbor, Conn., harbor lines. Members: Col. D. C. Houston, 17; Lieut. Col. G. L. Gillespie, Capt. T. L. Casey. Rept. Chief of Eng., 1893, p. 999. (A)

— Rock Island bridge. Members: Capt. A. A. Humphreys, 1; Captain Meade, Captain Franklin. Rept. Chief of Eng., 1878, p. 1036. (A)

— Baltimore Harbor, Md., pier and bulkhead lines. Members: Brigadier-General Humphreys, 2; Maj. W. P. Craighill. Rept. Chief of Eng., 1879, pp. 497, 500. (A)

— Oswego Harbor, N. Y. Members: Lieut. Col. James Kearney, Major Long, Major Bache, Major Turnbull. Rept. Chief of Eng., 1874, p. 263. (A)

— Monongahela River, Pa. and W. Va. Members: Maj. W. R. King, 1; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1887, p. 1802. (A)

— Green River and tributaries, Ky. Members: Maj. W. R. King, 2; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1887, p. 1903. (A)

Boards. Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Members: Lieut. Col. W. R. King, 3; Maj. L. C. Overman, Capt. G. McC. Derby. Rept. Chief of Eng., 1889, pp. 2388, 2391. (A)

— construction of entrance to the left lock at Riverton, Ala. Members: Capt. D. C. Kingman, Capt. G. W. Goethals, Capt. J. G. Warren. Rept. Chief of Eng., 1897, p. 2292. (A)

— Portland, Oreg., harbor lines. Members: Capt. W. C. Langfitt, Capt. H. Taylor, Capt. W. W. Harts. Rept. Chief of Eng., 1900, p. 4456. (A)

— bridge, Chicago River. Members: Maj. W. Ludlow, Maj. C. E. L. B. Davis, Capt. W. L. Marshall. Rept. Chief of Eng., 1891, p. 3864. (A)

— outer harbor at Michigan City, Ind. Members: Lieut. Col. G. J. Lydecker, 1; Maj. W. L. Marshall, Capt. C. McD. Townsend. Rept. Chief of Eng., 1897, p. 2903. (A)

— Delaware River, Pa. and N. J. Members: Lieut. Col. G. J. Lydecker, 2; Lieut. Col. C. W. Raymond, Maj. W. H. Bixby. Rept. Chief of Eng., 1900, p. 1615. (A)

— Cleveland Harbor, Ohio. Members: Lieut. Col. W. McFarland, Lieut. Col. J. M. Wilson, Maj. L. C. Overman. Rept. Chief of Eng., 1885, p. 2234. (A)

— Mississippi River. Members: Maj. A. Mackenzie, Maj. A. M. Miller, Maj. E. H. Ruffner. Rept. Chief of Eng., 1891, p. 2131. (A)

— Mississippi River, Des Moines Rapids. Members: Col. J. N. Macomb, 1; Lieut. Col. J. H. Wilson, Maj. G. K. Warren, Capt. P. C. Hains. Rept. Chief of Eng., 1867, p. 310. (A)

— Erie Harbor, Pa. Members: Col. J. N. Macomb, 2; Lieut. Col. J. Newton, Lieut. Col. W. F. Reynolds, Lieut. Col. C. E. Blunt, Maj. J. B. Wheeler, Capt. F. Harwood. Rept. Chief of Eng., 1868, p. 179. (A)

— Mississippi River, Falls of St. Anthony to Cairo. Members: Col. J. N. Macomb, 3; Lieut. Col. J. H. Wilson, Maj. G. K. Warren, Capt. P. C. Hains. Rept. Chief of Eng., 1868, p. 674. (A)

— Toledo Harbor, Ohio. Members: Col. J. N. Macomb, 4; Col. J. H. Simpson, Lieut. Col. I. C. Woodruff, Maj. J. B. Wheeler, Maj. W. McFarland. Rept. Chief of Eng., 1869, p. 124. (A)

— Chicago Harbor, Ill. Members: Col. J. N. Macomb, 5; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 124. (A)

— Michigan City Harbor, Ind. Members: Col. J. N. Macomb, 6; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 124. (A)

- Boards. Project, plan, estimate, etc., for the improvement of Duluth Harbor, Minn. Members: Col. J. N. Macomb, **7**; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 125; 1879, p. 4472. (A)
- Calumet Harbor, Ill. Members: Col. J. N. Macomb, **8**; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 125; 1876, p. 442. (A)
- Lake Huron, harbor of refuge on. Members: Col. J. N. Macomb, **9**; Col. I. C. Woodruff, Lieut. Col. J. G. Foster, Maj. C. B. Comstock, Maj. O. M. Poe, Maj. F. U. Farquhar. Rept. Chief of Eng., 1872, p. 209; 1873, p. 294. (A)
- Mississippi River, Falls of St. Anthony. Members: Col. J. N. Macomb, **10**; Lieut. Col. J. D. Kurtz, Maj. G. Weitzel, Maj. O. M. Poe, Maj. D. C. Houston. Rept. Chief of Eng., 1872, p. 302; 1873, p. 409; 1874, p. 289. (A)
- Mississippi River, Des Moines Rapids. Members: Col. J. N. Macomb, **11**; Capt. T. A. Bingham. Rept. Chief of Eng., 1872, p. 319. (A)
- Rock Island Rapids, Mississippi River. Members: Col. J. N. Macomb, **12**; Lieut. Col. J. H. Wilson, Capt. A. H. Burnham. Rept. Chief of Eng., 1872, p. 320. (A)
- Duluth Harbor, Minn. Members: Col. J. N. Macomb, **13**; Lieut. Col. Z. B. Tower, Maj. G. Weitzel, Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1873, p. 129. (A)
- Superior City Harbor, Wis. Members: Col. J. N. Macomb, **14**; Lieut. Col. Z. B. Tower, Maj. G. Weitzel, Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1873, p. 129. (A)
- Superior Bay, Wis. Members: Col. J. N. Macomb, **15**; Lieut. Col. Z. B. Tower, Maj. G. Weitzel, Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1873, p. 130. (A)
- Buffalo Harbor, N. Y. Members: Col. J. N. Macomb, **16**; Maj. D. C. Houston, Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1873, pp. 353, 354. (A)
- Mississippi River, Falls of St. Anthony. Members: Col. J. N. Macomb, **17**; Lieut. Col. J. D. Kurtz, Maj. G. Weitzel, Maj. O. M. Poe, Maj. F. U. Farquhar. Rept. Chief of Eng., 1874, p. 285; 1879, p. 1164. (A)
- Mississippi River, bridge at Clinton, Iowa. Members: Col. J. N. Macomb, **18**; Maj. G. Weitzel, Maj. F. U. Farquhar. Rept. Chief of Eng., 1875, p. 683. (A)
- Mississippi River, bridge at Dubuque, Iowa. Members: Col. J. N. Macomb, **19**; Maj. F. U. Farquhar, Maj. C. R. Suter. Rept. Chief of Eng., 1876, p. 309. (A)
- Mississippi River, bridge piers. Members: Col. J. N. Macomb, **20**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, p. 819. (A)
- Boards. Project, plan, estimate, etc., for the improvement of Mississippi River, bridge at La Crosse, Wis. Members: Col. J. N. Macomb, **21**; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1877, pp. 819, 822. (A)
- Mississippi River, bridge at Winoua, Minn. Members: Col. J. N. Macomb, **22**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 822. (A)
- Mississippi River, bridge at Dubuque, Iowa. Members: Col. J. N. Macomb, **23**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 823. (A)
- Mississippi River, bridge at Burlington, Iowa. Members: Col. J. N. Macomb, **24**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 824. (A)
- Mississippi River, bridge at Clinton, Iowa. Members: Col. J. N. Macomb, **25**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. C. R. Suter, Maj. F. U. Farquhar, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 825. (A)
- Mississippi River, bridge at Keokuk, Iowa. Members: Col. J. N. Macomb, **26**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 825. (A)
- Mississippi River, Quincy, Ill. Members: Col. J. N. Macomb, **27**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 825. (A)
- Mississippi River, bridge at Prairie du Chien, Wis. Members: Col. J. N. Macomb, **28**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 823. (A)
- Mississippi River, bridge at Hannibal, Mo. Members: Col. J. N. Macomb, **29**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 826. (A)
- Mississippi River, bridge at Louisiana, Mo. Members: Col. J. N. Macomb, **30**; Col. J. H. Simpson, Maj. G. K. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, p. 821. (A)
- La Crosse Harbor, Wis. Members: Col. J. N. Macomb, **31**; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1878, p. 719. (A)
- Shrewsbury River, N. J. Members: Col. J. N. Macomb, **32**; Col. Z. B. Tower, Lieut. Col. J. Newton. Rept. Chief of Eng., 1879, p. 411. (A)

Boards. Project, plan, estimate, etc., for the improvement of Tennessee River. Members: Col. J. N. Macomb, **33**; Maj. O. M. Poe, Capt. L. C. Overman. Rept. Chief of Eng., 1879, p. 1253. (A)

———— Manasquan River, N. J. Members: Col. J. N. Macomb, **34**; Col. Z. B. Tower, Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 548. (A)

———— Delaware River. Members: Col. J. N. Macomb, **35**; Lieut. Col. W. F. Reynolds, Lieut. Col. N. Michler, Capt. W. Ludlow. Rept. Chief of Eng., 1880, p. 575. (A)

———— Lock No. 4, Coosa River, Ga. and Ala. Members: Maj. F. A. Mahan, **1**; Maj. W. L. Marshall, Capt. J. Biddle. Rept. Chief of Eng., 1896, p. 1423. (A)

———— Lock No. 5, Cumberland River, Tenn. Members: Maj. F. A. Mahan, **2**; Maj. W. L. Marshall, Capt. J. Biddle. Rept. Chief of Eng., 1896, p. 1916. (A)

———— Galveston Bay ship channel, Tex. Members: Maj. S. M. Mansfield, **1**; Capt. A. N. Damrell, Capt. W. H. Heuer. Rept. Chief of Eng., 1883, p. 1081. (A)

———— Detroit River, harbor lines. Members: Lieut. Col. S. M. Mansfield, **2**; Lieut. Col. G. J. Lydecker, Maj. M. B. Adams, Maj. H. M. Adams, Lieut. J. B. Cavanaugh. Rept. Chief of Eng., 1896, pp. 2906, 2908, 2910. (A)

———— Point Judith, R. I., harbor of refuge. Members: Lieut. Col. S. M. Mansfield, **3**; Maj. C. W. Raymond, Maj. W. R. Livermore, Maj. D. W. Lockwood, Capt. S. S. Leach. Rept. Chief of Eng., 1897, p. 920. (A)

———— Sacramento and Feather rivers, Cal. Members: Col. S. M. Mansfield, **4**; Lieut. Col. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1900, p. 4232. (A)

———— Yaquina Bay, Oreg. Members: Col. S. M. Mansfield, **5**; Capt. H. Taylor, Capt. W. W. Harts. Rept. Chief of Eng., 1900, p. 4293. (A)

———— San Francisco Harbor, Cal., harbor lines. Members: Col. S. M. Mansfield, **6**; Lieut. Col. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1901, p. 3461. (A)

———— Bodega Bay, Cal. Members: Maj. G. H. Mendell, **1**; Lieut. Col. R. S. Williamson, Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart. Rept. Chief of Eng., 1877, p. 1051. (A)

———— Coos Bay, Oreg. Members: Col. G. H. Mendell, **2**; Maj. W. A. Jones, Maj. T. H. Handbury. Rept. Chief of Eng., 1889, p. 2510. (A)

———— Yaquina Bay, Oreg. Members: Col. G. H. Mendell, **3**; Maj. W. A. Jones, Maj. T. H. Handbury. Rept. Chief of Eng., 1889, p. 2517. (A)

———— Columbia River, Oreg. Members: Col. G. H. Mendell, **4**; Col. W. P. Craighill, Maj. J. C. Post. Rept. Chief of Eng., 1889, p. 2558. (A)

———— San Francisco Harbor and interior bay. Members: Col. G. H. Mendell, **5**; Lieut.

Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1890, p. 2890; 1891, p. 2948. (A)

Boards. Project, plan, estimate, etc., for the improvement of San Diego Harbor, Cal. Members: Col. G. H. Mendell, **6**; Lieut. Col. W. H. H. Benyurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1890, p. 2905; 1892, p. 2640. (A)

———— Columbia River, Oreg. Members: Col. G. H. Mendell, **7**; Col. W. P. Craighill, Maj. J. C. Post. Rept. Chief of Eng., 1890, p. 3030. (A)

———— San Pedro and Santa Monica bays, Cal. Members: Col. G. H. Mendell, **8**; Lieut. Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 2976; 1892, p. 2638. (A)

———— Sacramento and Feather rivers, Cal. Members: Col. G. H. Mendell, **9**; Maj. A. Mackenzie, Capt. D. C. Kingman. Rept. Chief of Eng., 1891, p. 2990. (A)

———— Humboldt Harbor and Bay, Cal. Members: Col. G. H. Mendell, **10**; Lieut. Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 3129. (A)

———— Humboldt Harbor and Bay, Cal. Members: Col. G. H. Mendell, **11**; Lieut. Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 3141. (A)

———— San Pedro and Santa Monica bays, Cal. Members: Col. G. H. Mendell, **12**; Lieut. Col. G. L. Gillespie, Lieut. Col. W. H. H. Benyaurd. Rept. Chief of Eng., 1892, p. 2631. (A)

———— ship canal to connect lakes Union, Washington, and Samamish with Puget Sound, Wash. Members: Col. G. H. Mendell, **13**; Maj. T. H. Handbury, Capt. T. W. Symons. Rept. Chief of Eng., 1892, p. 2762. (A)

———— Humboldt Bay, Cal. Members: Col. G. H. Mendell, **14**; Lieut. Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1893, p. 3288. (A)

———— Columbia River, Oreg. and Wash. Members: Col. G. H. Mendell, **15**; Maj. W. H. Heuer, Maj. T. H. Handbury. Rept. Chief of Eng., 1893, p. 3499. (A)

———— harbor lines, Columbia River (Youngs Bay) at Flavel, Oreg. Members: Col. G. H. Mendell, **16**; Maj. T. H. Handbury, Capt. T. W. Symons. Rept. Chief of Eng., 1893, p. 3538. (A)

———— Cascades Lock, Columbia River, Oreg. Members: Col. G. H. Mendell, **17**; Col. W. P. Craighill, Capt. W. L. Marshall. Rept. Chief of Eng., 1895, p. 3576. (A)

———— Norfolk Harbor, Va. Member: Capt. J. Mercur. Rept. Chief of Eng., 1885, p. 1026. (A)

———— Genesee River, bridge at Charlotte, N. Y. Members: Maj. W. E. Merrill, **1**; Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1874, p. 583. (A)

———— Mississippi River. Members: Lieut. Col. W. E. Merrill, **2**; Maj. A. Mackenzie, Maj. A. M. Miller, Lieut. W. E. Craighill. Rept. Chief of Eng., 1888, p. 1466. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of Cumberland River. Members: Lieut. Col. W. E. Merrill, **3**; Lieut. Col. J. W. Barlow, Maj. A. Mackenzie, Lieut. H. E. Waterman. Rept. Chief of Eng., 1888, p. 1628. (A)
- Ohio River. Members: Lieut. Col. W. E. Merrill, **4**; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1888, p. 1869; 1890, p. 2217. (A)
- bridge, Ohio River. Members: Lieut. Col. W. E. Merrill, **5**; Lieut. Col. J. W. Barlow, Maj. A. Stickney, Lieut. E. J. Spencer. Rept. Chief of Eng., 1888, pp. 2499, 2505. (A)
- bridge, Mississippi River. Members: Lieut. Col. W. E. Merrill, **6**; Maj. O. H. Ernst, Capt. D. C. Kingman, Lieut. C. E. Gillette. Rept. Chief of Eng., 1888, pp. 2517, 2521, 2522. (A)
- Norwalk, Conn., harbor lines. Members: Maj. A. M. Miller, **1**; Maj. D. W. Lockwood, Maj. S. S. Leach. Rept. Chief of Eng., 1899, p. 1205. (A)
- Newport Harbor, R. I., harbor lines. Members: Lieut. Col. A. M. Miller, **2**; Maj. D. W. Lockwood, Maj. S. S. Leach. Rept. Chief of Eng., 1902, p. 915. (A)
- Ogdensburg Harbor, N. Y. Members: Lieut. Col. J. Newton, **1**; Lieut. Col. E. Blunt, Maj. D. C. Houston, Capt. A. S. Holgate. Rept. Chief of Eng., 1868, p. 255. (A)
- Alton Harbor, Ill. Members: Lieut. Col. J. Newton, **2**; Lieut. Col. W. F. Reynolds, Maj. G. K. Warren, Maj. W. E. Merrill, Capt. C. J. Allen. Rept. Chief of Eng., 1872, pp. 54, 358, 361, 366. (A)
- St. Louis Harbor, Mississippi River. Members: Lieut. Col. J. Newton, **3**; Lieut. Col. W. F. Reynolds, Maj. G. K. Warren, Maj. W. E. Merrill, Capt. C. J. Allen. Rept. Chief of Eng., 1872, p. 358. (A)
- Mississippi River, Falls of St. Anthony to Cairo. Members: Lieut. Col. J. Newton, **4**; Lieut. Col. W. F. Reynolds, Maj. G. K. Warren, Maj. W. E. Merrill, Capt. C. J. Allen. Rept. Chief of Eng., 1872, p. 358; 1873, p. 453; 1874, p. 327. (A)
- Thames River, Conn., bridge near New London. Members: Col. J. Newton, **5**; Lieut. Col. G. H. Elliot, Maj. W. McFarland. Rept. Chief of Eng., 1884, p. 1770. (A)
- Fox and Wisconsin rivers. Members: Col. J. Newton, **6**; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1884, pp. 1900, 1919. (A)
- Chicago Harbor, Ill. Members: Lieut. Col. J. G. Parke, Lieut. Col. C. B. Comstock, Maj. G. Weitzel. Rept. Chief of Eng., 1882, p. 2237. (A)
- Toledo Harbor, Ohio. Members: Maj. O. M. Poe, **1**; Maj. D. C. Houston, Maj. W. E. Merrill, Maj. J. M. Wilson, Capt. G. L. Gillespie. Rept. Chief of Eng., 1873, p. 314. (A)
- St. Louis River, Minn. and Wis., bridge of Northern Pacific Railroad Company. Members: Lieut. Col. O. M. Poe, **2**; Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1885, p. 1928. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Fox and Wisconsin rivers. Members: Lieut. Col. O. M. Poe, **3**; Lieut. Col. W. E. Merrill, Lieut. Col. J. W. Barlow, Capt. W. L. Marshall. Rept. Chief of Eng., 1885, p. 2041. (A)
- Ludington Harbor, Mich. Members: Lieut. Col. O. M. Poe, **4**; Lieut. Col. J. W. Barlow, Capt. D. W. Lockwood. Rept. Chief of Eng., 1885, p. 2073. (A)
- Mississippi River, Falls at St. Anthony. Members: Lieut. Col. O. M. Poe, **5**; Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1886, p. 2111. (A)
- Mississippi River, bridge at Minneapolis, Minn. Members: Lieut. Col. O. M. Poe, **6**; Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1886, p. 2113. (A)
- Kentucky River, Ky. Members: Lieut. Col. O. M. Poe, **7**; Lieut. Col. W. E. Merrill, Maj. A. Stickney. Rept. Chief of Eng., 1887, p. 1879. (A)
- Cumberland River. Members: Lieut. Col. O. M. Poe, **8**; Lieut. Col. W. E. Merrill, Maj. W. R. King, Lieut. H. E. Waterman. Rept. Chief of Eng., 1888, p. 1622. (A)
- bridge, Ohio River. Members: Lieut. Col. O. M. Poe, **9**; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1888, p. 2483. (A)
- Mississippi River. Members: Col. O. M. Poe, **10**; Maj. A. Mackenzie, Capt. W. L. Marshall. Rept. Chief of Eng., 1889, p. 1751. (A)
- Cumberland River. Members: Col. O. M. Poe, **11**; Lieut. Col. W. E. Merrill, Lieut. Col. J. W. Barlow. Rept. Chief of Eng., 1890, p. 2144. (A)
- bridge, Detroit River. Members: Col. O. M. Poe, **12-13**; Maj. C. J. Allen, Maj. A. M. Adams. Rept. Chief of Eng., 1890, pp. 3456, 3463. (A)
- Portage Lake, Mich. Members: Col. O. M. Poe, **14**; Maj. J. B. Quinn, Capt. W. L. Marshall. Rept. Chief of Eng., 1891, p. 2521. (A)
- Chicago Harbor, Ill. Members: Col. O. M. Poe, **15**; Maj. C. E. L. B. Davis, Capt. W. L. Marshall. Rept. Chief of Eng., 1891, p. 2661. (A)
- Illinois and Mississippi Canal, Ill. Members: Col. O. M. Poe, **16**; Maj. A. Mackenzie, Capt. W. L. Marshall. Rept. Chief of Eng., 1892, p. 2302. (A)
- harbor lines at Detroit, Mich. Members: Col. O. M. Poe, **17**; Maj. W. Ludlow, Lieut. C. S. Riché. Rept. Chief of Eng., 1893, p. 3041. (A)
- raft towing on the Great Lakes and their connecting waters. Members: Col. O. M. Poe, **18**; Maj. C. E. L. B. Davis, Maj. C. B. Sears. Rept. Chief of Eng., 1894, p. 2378. (A)

Boards. Project, plan, estimate, etc., for the improvement of Pensacola Harbor, Fla. Members: Capt. P. M. Price, Capt. W. M. Black, Capt. O. M. Carter. Rept. Chief of Eng., 1891, p. 1723. (A)

— Sabine Lake, Tex. and La. Members: Maj. J. B. Quinn, Capt. C. S. Riché, Capt. C. A. F. Flagler. Rept. Chief of Eng., 1900, p. 2302. (A)

— Fort Mifflin on the Delaware River; price of land in vicinity of. Member: Maj. C. W. Raymond. Rept. Chief of Eng., 1894, p. 461. (A)

— Black Lake Harbor, Mich. Members: Lieut. Col. W. F. Reynolds, 1; Maj. J. B. Wheeler, Maj. W. McFarland, Maj. F. U. Farquhar. Rept. Chief of Eng., 1869, pp. 104, 105. (A)

— Lakes Huron and Erie, bridge at Detroit over channel between. Members: Lieut. Col. W. F. Reynolds, 2; Lieut. Col. N. Michler, Maj. O. M. Poe, Maj. D. C. Houston, Maj. J. M. Wilson. Rept. Chief of Eng., 1880, p. 1853. (A)

— Saginaw River, Mich. Members: Maj. H. M. Robert, 1; Maj. F. U. Farquhar, Maj. D. P. Heap. Rept. Chief of Eng., 1883, p. 1863. (A)

— Philadelphia Harbor, Pa. Member: Lieut. Col. H. M. Robert, 2. Rept. Chief of Eng., 1888, pp. 718, 720. (A)

— Galveston Harbor, Tex. Members: Lieut. Col. H. M. Robert, 3; Lieut. Col. G. L. Gillespie, Lieut. Col. J. A. Smith. Rept. Chief of Eng., 1890, p. 1781. (A)

— Pensacola Harbor, Fla. Members: Lieut. Col. H. M. Robert, 4; Lieut. Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. F. A. Mahan, Capt. W. M. Black. Rept. Chief of Eng., 1895, p. 1657. (A)

— harbor lines, Raritan River, N. J. Members: Col. H. M. Robert, 5; Col. G. L. Gillespie, Maj. C. W. Raymond. Rept. Chief of Eng., 1896, p. 820. (A)

— harbor lines in Harlem River, New York City. Members: Col. H. M. Robert, 6; Col. G. L. Gillespie, Maj. C. W. Raymond. Rept. Chief of Eng., 1896, p. 871. (A)

— Appoquinimink River and Blackbird Creek, Del. Members: Col. H. M. Robert, 7; Col. P. C. Hains, Maj. C. W. Raymond. Rept. Chief of Eng., 1896, p. 887. (A)

— Pensacola Harbor, Fla. Members: Col. H. M. Robert, 8; Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. F. A. Mahan, Capt. W. M. Black, Capt. O. M. Carter. Rept. Chief of Eng., 1896, p. 1391. (A)

— Hudson River harbor lines. Members: Col. H. M. Robert, 9; Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1897, pp. 1068, 1072. (A)

— Harlem River and Spuyten Duyvil Creek, New York City. Members: Col. H. M. Robert, 10; Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1897, p. 1078. (A)

Boards. Project, plan, estimate, etc., for the improvement of Delaware River. Members: Col. H. M. Robert, 11; Col. P. C. Hains, Maj. C. W. Raymond. Rept. Chief of Eng., 1897, p. 1199. (A)

— Brazos River, Tex. Member: Col. H. M. Robert, 12. Rept. Chief of Eng., 1897, p. 1815. (A)

— Osage River, Mo., lock and dam No. 1. Members: Col. H. M. Robert, 13; Col. G. L. Gillespie, Maj. H. M. Adams, Maj. J. G. D. Knight, Capt. H. F. Hodges. Rept. Chief of Eng., 1897, p. 3952. (A)

— Galveston Bay, Tex. Members: Col. H. M. Robert, 14; Maj. A. M. Miller, Capt. G. McC. Derby. Rept. Chief of Eng., 1898, p. 1516. (A)

— Aransas Pass, Tex. Members: Col. H. M. Robert, 15; Maj. W. T. Rossell, Capt. J. Biddle. Rept. Chief of Eng., 1898, p. 1527. (A)

— East River, N. Y. Members: Col. H. M. Robert, 16; Col. G. L. Gillespie, Lieut. Col. W. Ludlow, Maj. H. M. Adams. Rept. Chief of Eng., 1898, p. 1026. (A)

— East River. Members: Col. H. M. Robert, 17; Col. G. L. Gillespie, Lieut. Col. W. Ludlow, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1898, p. 1028. (A)

— Hudson River, N. Y. Members: Col. H. M. Robert, 18; Col. G. L. Gillespie, Lieut. Col. W. Ludlow, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1898, p. 1073. (A)

— Bridgeport, Conn., harbor lines. Members: Col. H. M. Robert, 19; Maj. A. M. Miller, Maj. D. W. Lockwood. Rept. Chief of Eng., 1899, p. 1198. (A)

— New York Harbor, N. Y. Members: Col. H. M. Robert, 20; Lieut. Col. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1899, p. 1280. (A)

— South Pass, Mississippi River. Members: Col. H. M. Robert, 21; Maj. J. B. Quinn, Maj. D. C. Kingman. Rept. Chief of Eng., 1899, p. 1864. (A)

— Aransas Pass and Harbor, Tex. Members: Col. H. M. Robert, 22; Maj. W. T. Rossell. Rept. Chief of Eng., 1899, p. 1973. (A)

— Brazos River (mouth), Tex. Member: Col. H. M. Robert, 23. Rept. Chief of Eng., 1899, p. 1976. (A)

— harbor lines, East River, N. Y. Members: Col. H. M. Robert, 24; Col. G. L. Gillespie, Maj. W. L. Marshall. Rept. Chief of Eng., 1900, p. 1455. (A)

— harbor lines, New York Harbor, N. Y. Members: Col. H. M. Robert, 25; Col. G. L. Gillespie, Maj. W. L. Marshall. Rept. Chief of Eng., 1900, p. 1475. (A)

— Southwest Pass, Miss. Members: Col. H. M. Robert, 26; Maj. G. McC. Derby. Rept. Chief of Eng., 1900, p. 2287. (A)

— damage done to the fortifications at Galveston, Tex., by hurricane of Sept. 8, 1900. Members: Col. H. M. Robert, 27; Maj. H. M. Adams, Capt. C. S. Riché, Capt. E. Jadwin. Rept. Chief of Eng., 1901, p. 850. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of Hudson River, N. Y., harbor lines. Members: Col. H. M. Robert, **28**; Col. J. W. Barlow, Col. G. L. Gillespie, Maj. E. H. Ruffier, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1271. (A)
- Newark Bay, harbor lines. Members: Col. H. M. Robert, **29**; Col. J. W. Barlow, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1277. (A)
- Arthur Kill, N. J., harbor lines. Members: Col. H. M. Robert, **30**; Col. J. W. Barlow, Col. G. L. Gillespie, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1280. (A)
- Shrewsbury River, N. J., harbor lines. Members: Col. H. M. Robert, **31**; Col. J. W. Barlow, Col. G. L. Gillespie, Maj. E. H. Ruffner, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1283. (A)
- jetties and main ship channel, etc., at Galveston, Tex., effects of storm of Sept. 8, 1900. Members: Col. H. M. Robert, **32**; Maj. H. M. Adams, Capt. C. S. Riché, Capt. E. Jadin. Rept. Chief of Eng., 1901, pp. 2018, 2023. (A)
- Ellis Island, N. Y., harbor lines. Members: Col. H. M. Robert, **33**; Col. J. W. Barlow, Col. G. L. Gillespie, Lieut. Col. E. H. Ruffner, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 990. (A)
- Biscayne Bay, Fla. Members: Maj. W. T. Rossell, Capt. C. E. Gillette, Capt. C. H. McKinstry. Rept. Chief of Eng., 1900, p. 1986. (A)
- harbor of refuge, Cape Lookout, N. C. Members: Maj. E. H. Ruffner, Maj. T. L. Casey, Capt. E. W. V. C. Lucas. Rept. Chief of Eng., 1900, p. 1829. (A)
- Savannah Harbor and channel from Beaufort, S. C., to Savannah, Ga. Members: Maj. C. B. Sears, Maj. W. H. Bixby, Maj. T. W. Symons. Rept. Chief of Eng., 1900, p. 1922. (A)
- Mobile Harbor, Ala. Members: Col. J. H. Simpson, **1**; Lieut. Col. Z. B. Tower, Lieut. Col. H. G. Wright. Rept. Chief of Eng., 1872, p. 591; 1874, p. 893. (A)
- Missouri River, bridge at Nebraska City, Nebr. Members: Col. J. H. Simpson, **2**; Maj. G. Weitzel, Maj. C. R. Suter. Rept. Chief of Eng., 1873, p. 587. (A)
- Appomattox River, Va. Members: Col. J. H. Simpson, **3**; Lieut. Col. J. Newton, Maj. W. P. Craighill. Rept. Chief of Eng., 1874, pp. 50, 53. (A)
- Mississippi River, bridge at St. Louis, Mo. Members: Col. J. H. Simpson, **4**; Maj. G. K. Warren, Maj. G. Weitzel, Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1874, p. 638. (A)
- Mississippi River, bridge between St. Clair and Carondelet, Mo. Members: Col. J. H. Simpson, **5**; Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1875, p. 678. (A)
- Ohio River, bridge at Cincinnati, Ohio. Members: Col. J. H. Simpson, **6**; Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1876, p. 300. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Mississippi River, Cairo to mouth. Members: Col. J. H. Simpson, **7**; Maj. C. R. Suter, Capt. W. H. H. Benyaurd. Rept. Chief of Eng., 1878, p. 638. (A)
- Mississippi River, Vicksburg, Miss. Members: Col. J. H. Simpson, **8**; Maj. C. R. Suter, Capt. W. H. H. Benyaurd. Rept. Chief of Eng., 1878, p. 638. (A)
- Missouri River, bridge at Glasgow, Mo. Members: Col. J. H. Simpson, **9**; Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1878, p. 897. (A)
- Lake Erie harbors, breakwaters. Members: Col. J. A. Smith, **1**; Maj. C. B. Sears, Maj. T. W. Symons. Rept. Chief of Eng., 1900, p. 4085. (A)
- Sacramento and Feather rivers, Cal. Members: Col. J. A. Smith, **2**; Lieut. Col. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1901, p. 3423. (A)
- Brunswick Harbor, Ga. Members: Maj. W. S. Stanton, **1**; Capt. F. V. Abbot. Rept. Chief of Eng., 1895, pp. 1501, 1503. (A)
- Brunswick outer bar, Ga. Members: Maj. W. S. Stanton, **2**; Capt. F. V. Abbot. Rept. Chief of Eng., 1896, p. 1278. (A)
- Oakland Harbor, Cal. Members: Lieut. Col. C. S. Stewart, **1**; Lieut. Col. B. S. Alexander, Maj. G. H. Mendell. Rept. Chief of Eng., 1874, p. 378. (A)
- Columbia River, Ore. Members: Lieut. Col. C. S. Stewart, **2**; Lieut. Col. G. H. Mendell, Maj. G. L. Gillespie. Rept. Chief of Eng., 1880, p. 2305. (A)
- Columbia River, Ore. Members: Lieut. Col. C. S. Stewart, **3**; Lieut. Col. R. S. Williamson, Lieut. Col. G. H. Mendell, Maj. G. Weitzel, Maj. D. C. Houston, Maj. G. L. Gillespie. Rept. Chief of Eng., 1881, p. 2572. (A)
- harbor of refuge on the Pacific coast. Members: Lieut. Col. C. S. Stewart, **4**; Lieut. Col. R. S. Williamson, Lieut. Col. G. H. Mendell, Maj. G. L. Gillespie. Rept. Chief of Eng., 1881, pp. 2621, 2681. (A)
- Humboldt Harbor Bay, Cal. Members: Col. C. S. Stewart, **5**; Lieut. Col. G. H. Mendell, Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Capt. C. F. Powell. Rept. Chief of Eng., 1883, p. 1992. (A)
- Columbia River, Ore. Members: Lieut. Col. C. S. Stewart, **6**; Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Lieut. Col. G. H. Mendell, Capt. C. F. Powell. Rept. Chief of Eng., 1883, p. 2012. (A)
- Sandy Lake dam, Minn. Members: Maj. A. Stickney, **1**; Maj. A. Mackenzie, Capt. W. L. Marshall. Rept. Chief of Eng., 1893, p. 2269. (A)
- harbor lines, Ohio River, from upper end of Martins Ferry to the lower end of the city of Bellaire, Ohio. Members: Lieut. Col. A. Stickney, **2**; Maj. D. W. Lockwood, Lieut. H. E. Waterman. Rept. Chief of Eng., 1894, p. 1896. (A)

Boards. Project, plan, estimate, etc., for the improvement of harbor lines at Pittsburg, Pa. Members: Lieut. Col. A. Stickney, 3; Maj. D. W. Lockwood, Lieut. H. E. Waterman. Rept. Chief of Eng., 1895, p. 2421. (A)

— harbor lines, Ohio and Licking rivers. Members: Lieut. Col. A. Stickney, 4; Maj. D. W. Lockwood, Capt. H. E. Waterman. Rept. Chief of Eng., 1896, p. 2128. (A)

— movable dam for Big Sandy River, near Louisa, Ky. Members: Lieut. Col. A. Stickney, 5; Maj. J. F. Gregory, Capt. H. M. Chittenden, Lieut. W. H. Harts. Rept. Chief of Eng., 1896, pp. 2302, 2306. (A)

— canal connecting the waters of Lake Erie with the Ohio River through the State of Ohio. Members: Lieut. Col. A. Stickney, 6; Maj. W. S. Stanton, Maj. W. L. Marshall. Rept. Chief of Eng., 1896, p. 2976. (A)

— Yaquina Bay, Oreg. Members: Lieut. Col. A. Stickney, 7; Maj. J. C. Post, Maj. C. B. Sears. Rept. Chief of Eng., 1896, p. 3284. (A)

— Ohio River. Members: Lieut. Col. A. Stickney, 8; Maj. W. H. Bixby, Capt. G. A. Zinn. Rept. Chief of Eng., 1899, p. 2562. (A)

— Arkansas River. Members: Lieut. Col. A. Stickney, 9; Capt. C. L. Potter, Capt. R. McGregor. Rept. Chief of Eng., 1901, p. 2130. (A)

— Indiana chute channel, Ohio River, Ky. Members: Col. A. Stickney, 10; Lieut. Col. T. H. Handbury, Capt. W. L. Sibert. Rept. Chief of Eng., 1902, p. 1970. (A)

— Mississippi River. Members: Maj. C. R. Suter, 1; Maj. W. H. H. Benyaurd, Maj. A. Stickney, Capt. O. H. Ernst. Rept. Chief of Eng., 1882, pp. 1359, 1366. (A)

— bridges across certain river. Members: Lieut. Col. C. R. Suter, 2; Maj. A. Mackenzie, Maj. A. M. Miller, Maj. T. H. Handbury. Rept. Chief of Eng., 1888, pp. 2374, 2383. (A)

— overcoming or removing obstructions to navigation on Columbia River between Three Mile Rapids and Celilo Falls, Oreg. and Wash. Members: Lieut. Col. C. R. Suter, 3; Lieut. Col. W. R. King, Maj. C. J. Allen, Civil Eng. W. R. Hutton, Civil Eng. V. G. Bogue. Rept. Chief of Eng., 1894, p. 2664. (A)

— Sacramento and Feather rivers, Cal. Members: Col. C. R. Suter, 4; Maj. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1898, pp. 2944, 2945. (A)

— Sacramento and Feather rivers, Cal. Members: Col. C. R. Suter, 5; Maj. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1899, p. 3171. (A)

— San Francisco Bay, Cal. Members: Col. C. R. Suter, 6; Maj. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1899, p. 3194. (A)

— Harbor of Refuge, Sandy Bay, Mass. Members: Col. C. R. Suter, 7; Maj. D. W. Lockwood, Maj. S. S. Leach. Rept. Chief of Eng., 1900, p. 1184. (A)

Boards. Project, plan, estimate, etc., for the improvement of New York Harbor, N. Y., harbor lines. Members: Col. C. R. Suter, 8; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1266. (A)

— Hudson River harbor lines. Members: Col. C. R. Suter, 9; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1275. (A)

— New York Harbor, N. Y., harbor lines. Members: Col. C. R. Suter, 10; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1306. (A)

— East River at Steinway, New York City, harbor lines. Members: Col. C. R. Suter, 11; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 965. (A)

— Buttermilk channel, N. Y., harbor lines. Members: Col. C. R. Suter, 12; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 985. (A)

— Shooters Island, N. Y., harbor lines. Members: Col. C. R. Suter, 13; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 987. (A)

— Hudson River, N. Y. Members: Colonel Totten, 1; Lieutenant Colonel Thayer, Captain Talcott. Rept. Chief of Eng., 1866, p. 206. (A)

— East River, N. Y. Members: Colonel Totten, 2; Superintendent Bache, U. S. Coast Survey, Commodore Davis, U. S. Navy. Rept. Chief of Eng., 1868, p. 733. (A)

— Boston Harbor, Mass. Members: General Totten, 3; Professor Bache, Commodore Davis. Rept. Chief of Eng., 1871, p. 885. (A)

— Members: Lieut. Col. Z. B. Tower, 1; Lieut. Col. H. G. Wright, Lieut. Col. J. G. Foster, Maj. Q. A. Gillmore, Maj. W. P. Craig-hill. Rept. Chief of Eng., 1873, pp. 797, 799. (A)

— Staten Island and New Jersey, channel between. Members: Col. Z. B. Tower, 2; Lieut. Col. H. G. Wright, Lieut. Col. J. D. Kurtz, Lieut. Col. J. Newton. Rept. Chief of Eng., 1876, p. 252. (A)

— Savannah River and Harbor, Ga. Members: Col. Z. B. Tower, 3; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1876, p. 437. (A)

— Ohio River. Members: Col. Z. B. Tower, 4; Lieut. Col. H. G. Wright, Maj. G. Weitzel, Maj. W. E. Merrill, Lieut. F. A. Mahan. Rept. Chief of Eng., 1877, p. 644. (A)

— Galveston Bay ship channel, Tex. Members: Col. Z. B. Tower, 5; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Capt. C. W. Howell. Rept. Chief of Eng., 1877, p. 468; 1878, p. 608. (A)

— Charleston Harbor, S. C. Members: Col. Z. B. Tower, 6; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1878, p. 571. (A)

— Cincinnati, Ohio, harbor of refuge. Members: Col. Z. B. Tower, 7; Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1879, p. 1356. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of New Haven, Conn. Members: Col. Z. B. Tower, 8; Col. J. Newton, Maj. H. I. Abbot. Rept. Chief of Eng., 1880, p. 450. (A)
- Hudson River, N. Y. Members: Col. Z. B. Tower, 9; Maj. H. I. Abbot. Rept. Chief of Eng., 1880, p. 480; 1885, p. 690. (A)
- Scituate Harbor, Mass. Members: Col. Z. B. Tower, 10; Col. J. Newton. Rept. Chief of Eng., 1880, p. 524. (A)
- Savannah River, Ga. Members: Col. Z. B. Tower, 11; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, p. 946. (A)
- Mobile Harbor, Ala. Members: Col. Z. B. Tower, 12; Col. J. Newton, Maj. H. I. Abbot. Rept. Chief of Eng., 1880, p. 1060. (A)
- Galveston Harbor, Tex. Members: Col. Z. B. Tower, 13; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, pp. 1221, 1266. (A)
- Aransas Pass and Bay, Tex. Members: Col. Z. B. Tower, 14; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, p. 1254. (A)
- Matagorda Bay, Tex. Members: Col. Z. B. Tower, 15; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, p. 1256. (A)
- Mississippi River. Members: Col. Z. B. Tower, 16; Col. J. Newton, Maj. H. I. Abbot. Rept. Chief of Eng., 1880, p. 1284. (A)
- Red River, La. Members: Col. Z. B. Tower, 17; Col. J. Newton, Maj. H. I. Abbot. Rept. Chief of Eng., 1880, p. 1284. (A)
- Fox and Wisconsin rivers. Members: Col. Z. B. Tower, 18; Col. J. Newton, Maj. H. I. Abbot, Maj. D. C. Houston. Rept. Chief of Eng., 1880, p. 1953. (A)
- Rockland Harbor, Vt. Members: Col. Z. B. Tower, 19; Col. J. Newton. Rept. Chief of Eng., 1881, p. 468. (A)
- Newburyport Harbor, Mass. Members: Col. Z. B. Tower, 20; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1881, p. 505. (A)
- Nantucket Harbor, Mass. Members: Col. Z. B. Tower, 21; Col. J. Newton. Rept. Chief of Eng., 1881, p. 542. (A)
- Stonington Harbor, Conn. Members: Col. Z. B. Tower, 22; Col. J. Newton. Rept. Chief of Eng., 1881, p. 583. (A)
- New York Harbor. Members: Col. Z. B. Tower, 23; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1881, p. 675. (A)
- Pensacola Harbor, Ga. Members: Col. Z. B. Tower, 24; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1881, p. 1177. (A)
- St. Louis, Mo. Members: Col. Z. B. Tower, 25; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1881, p. 1575. (A)
- Ohio River. Members: Col. Z. B. Tower, 26; Col. J. Newton, Lieut. Col. H. I. Abbot, Maj. W. E. Merrill. Rept. Chief of Eng., 1881, pp. 1928, 1936. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Chicago Harbor, Ill. Members: Col. Z. B. Tower, 27; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1881, p. 2162. (A)
- Columbia River, Oreg. Members: Col. Z. B. Tower, 28; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1881, pp. 2548, 2552. (A)
- Thames River, Conn. Member: Col. Z. B. Tower, 29. Rept. Chief of Eng., 1882, p. 606. (A)
- Beaufort Harbor, N. C. Members: Col. Z. B. Tower, 30; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1882, p. 1096. (A)
- Sabine Pass, Tex. Members: Col. Z. B. Tower, 31; Col. J. Newton, Lieut. Col. H. I. Abbot. Rept. Chief of Eng., 1882, p. 1438. (A)
- Ohio River, bridge at Louisville, Ky. Members: Maj. G. K. Warren, 1; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 119, 454. (A)
- Niagara River, bridge at Buffalo, N. Y. Members: Maj. G. K. Warren, 2; Maj. W. E. Merrill, Maj. F. Harwood. Rept. Chief of Eng., 1871, p. 219. (A)
- Ohio River. Members: Maj. G. K. Warren, 3; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, p. 396. (A)
- Ohio River, bridge at Steubenville, Ohio. Members: Maj. G. K. Warren, 4; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, p. 403. (A)
- Ohio River, bridge at Wheeling, W. Va., and Bridgeport, Ohio. Members: Maj. G. K. Warren, 5; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 405, 408. (A)
- Ohio River, bridge at Bellaire, Ohio. Members: Maj. G. K. Warren, 6; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 408, 425. (A)
- Ohio River, bridge at Parkersburg, W. Va. Members: Maj. G. K. Warren, 7; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 411, 454. (A)
- Ohio River, bridge at Covington, Ky. Members: Maj. G. K. Warren, 8; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 414, 454. (A)
- Ohio River, bridge at Paducah, Ky. Members: Maj. G. K. Warren, 9; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 424, 454. (A)
- Ohio River, bridge at Newport, Ky. Members: Maj. G. K. Warren, 10; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, p. 426. (A)
- channel between Lakes Huron and Erie, bridge at Detroit, Mich. Members: Maj. G. K. Warren, 11; Maj. C. B. Comstock, Maj. G. Weitzel, Maj. W. E. Merrill, Capt. W. R. Livermore. Rept. Chief of Eng., 1874, p. 587. (A)

Boards. Project, plan, estimate, etc., for the improvement of Mississippi River, Cairo to mouth. Members: Maj. G. K. Warren, 12; Maj. H. L. Abbot, Capt. W. H. H. Benyaurd, Messrs. Sickles and Hébert. Rept. Chief of Eng., 1875, pp. 539, 664. (A)

— Mississippi River levees. Members: Maj. G. K. Warren, 13; Maj. H. L. Abbot, Capt. W. H. H. Benyaurd, Messrs. Sickles and Hébert. Rept. Chief of Eng., 1875, pp. 539, 678. (A)

— Providence River Harbor, Bulkhead rock, and Narragansett Bay, R. I. Member: Maj. G. K. Warren, 14. Rept. Chief of Eng., 1878, p. 234. (A)

— Ohio River, Evansville, Ind. Members: Maj. G. K. Warren, 15; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1878, p. 110; 1879, p. 149. (A)

— Ohio River. Members: Maj. G. Weitzel, 1; Maj. W. E. Merrill. Rept. Chief of Eng., 1873, p. 540; 1874, pp. 415, 481. (A)

— transportation routes to the seaboard. Members: Maj. G. Weitzel, 2; Maj. W. E. Merrill. Rept. Chief of Eng., 1874, p. 415. (A)

— Michigan City Harbor, Ind. Members: Maj. G. Weitzel, 3; Maj. D. C. Houston, Maj. G. L. Gillespie. Rept. Chief of Eng., 1875, p. 238. (A)

— Wabash River. Members: Maj. G. Weitzel, 4; Maj. W. E. Merrill, Maj. J. A. Smith. Rept. Chief of Eng., 1877, p. 669; 1879, p. 144. (A)

— Mississippi River, Cairo to mouth. Members: Maj. G. Weitzel, 5; Capt. C. W. Howell, Capt. W. H. H. Benyaurd, Messrs. Harrod, D'Hemecourt, and Wood. Rept. Chief of Eng., 1878, p. 614; 1879, p. 875. (A)

— New Orleans, La. Members: Maj. G. Weitzel, 6; Capt. C. W. Howell, Capt. W. H. H. Benyaurd, Messrs. Harrod, D'Hemecourt, and Wood. Rept. Chief of Eng., 1878, p. 614; 1879, p. 875. (A)

— Mendocino Bay, Cal. Members: Lieut. Col. R. S. Williamson, 1; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1052. (A)

— Trinidad Harbor, Cal. Members: Lieut. Col. R. S. Williamson, 2; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1052. (A)

— Crescent City, Cal. Members: Lieut. Col. R. S. Williamson, 3; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1053. (A)

— Mack Arch, Oreg. Members: Lieut. Col. R. S. Williamson, 4; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1054. (A)

— Port Orford, Oreg. Members: Lieut. Col. R. S. Williamson, 5; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1054. (A)

Boards. Project, plan, estimate, etc., for the improvement of Illinois River. Member: Lieut. Col. J. H. Wilson. Rept. Chief of Eng., 1867, p. 270; 1868, p. 440; 1879, p. 1574. (A)

— Potomac River, bridge across Eastern Branch. Members: Lieut. Col. J. M. Wilson, Lieut. Col. P. C. Hains, Maj. A. Mackenzie. Rept. Chief of Eng., 1887, p. 923. (A)

— Dunkirk Harbor, N. Y. Members: Col. I. C. Woodruff, 1; Maj. W. McFarland, Capt. F. Harwood. Rept. Chief of Eng., 1870, p. 191; 1871, p. 214. (A)

— Oswego Harbor, N. Y. Members: Lieut. Col. I. C. Woodruff, 2; Maj. W. McFarland, Maj. N. Bowen. Rept. Chief of Eng., 1870, p. 219. (A)

— Erie Harbor, Pa. Members: Lieut. Col. I. C. Woodruff, 3; Lieut. Col. J. G. Foster, Maj. W. McFarland. Rept. Chief of Eng., 1871, p. 206. (A)

— Oswego Harbor, N. Y. Members: Lieut. Col. I. C. Woodruff, 4; Maj. J. M. Wilson, Capt. F. Harwood. Rept. Chief of Eng., 1871, pp. 242, 248. (A)

— Delaware Breakwater, Del. Members: Col. I. C. Woodruff, 5; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Maj. W. P. Craighill. Rept. Chief of Eng., 1871, pp. 672, 678; 1872, p. 755. (A)

— Lewes, Del. Members: Lieut. Col. I. C. Woodruff, 6; Lieut. Col. J. Newton, Lieut. Col. J. D. Kurtz. Rept. Chief of Eng., 1871, p. 681. (A)

— Delaware River, bridge between Philadelphia and Camden. Members: Lieut. Col. I. C. Woodruff, 7; Lieut. Col. J. D. Kurtz, Capt. W. R. King. Rept. Chief of Eng., 1871, pp. 710, 713, 718. (A)

— Grand River Harbor, Fairport, Ohio. Members: Lieut. Col. I. C. Woodruff, 8; Maj. W. McFarland, Maj. J. M. Wilson, Capt. F. U. Farquhar, Capt. G. L. Gillespie. Rept. Chief of Eng., 1872, p. 243. (A)

— Delaware River. Members: Col. I. C. Woodruff, 9; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Lieut. Col. J. D. Kurtz, Maj. W. P. Craighill. Rept. Chief of Eng., 1873, p. 875. (A)

— Saugatuck Harbor, Mich. Members: Lieut. Col. I. C. Woodruff, 10; Maj. J. B. Wheeler, Capt. F. U. Farquhar. Rept. Chief of Eng., 1874, p. 190. (A)

— Buffalo Harbor, N. Y. Members: Col. I. C. Woodruff, 11; Maj. C. B. Comstock, Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1874, p. 229. (A)

— Cleveland Harbor, Ohio. Members: Col. I. C. Woodruff, 12; Lieut. Col. C. E. Blunt, Maj. C. B. Comstock, Maj. J. M. Wilson. Rept. Chief of Eng., 1875, p. 308. (A)

— Buffalo Harbor, N. Y. Members: Col. I. C. Woodruff, 13; Lieut. Col. C. E. Blunt, Maj. C. B. Comstock, Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1876, p. 569. (A)

— Buffalo Harbor, N. Y. Members: Col. I. C. Woodruff, 14; Lieut. Col. C. E. Blunt, Maj. J. M. Wilson. Rept. Chief of Eng., 1876, p. 573. (A)

- Boards.** Project, plan, estimate, etc., for the improvements of Sutro Tunnel. Members: Lieut. Col. H. G. Wright, *a*; Lieut. Col. J. C. Foster. Rept. Chief of Eng., 1872, p. 1126. (A)
- Galveston Harbor, Tex. Members: Lieut. Col. H. G. Wright, 1; Lieut. Col. Z. B. Tower, Lieut. Col. J. Newton, Capt. C. W. Howell. Rept. Chief of Eng., 1874, p. 737; 1875, p. 869; 1876, p. 583. (A)
- Stonington Harbor, Conn. Members: Lieut. Col. H. G. Wright, 2; Lieut. Col. J. Newton, Lieut. Col. G. Thom, Lieut. Col. J. D. Kurtz, Maj. J. W. Barlow. Rept. Chief of Eng., 1875, p. 243. (A)
- Mississippi River at mouth. Members: Lieut. Col. H. G. Wright, 3; Lieut. Col. B. S. Alexander, Maj. C. B. Comstock, Messrs. Mitchell, Sickles, Robert, and Whitcomb. Rept. Chief of Eng., 1875, p. 948. (A)
- Ohio River. Members: Lieut. Col. H. G. Wright, 4; Maj. G. Weitzel, Maj. O. M. Poe, Maj. W. E. Merrill, Lieut. F. A. Mahan. Rept. Chief of Eng., 1876, p. 26. (A)
- Great Kanawha River, W. Va. Members: Lieut. Col. H. G. Weitzel, 5; Maj. W. P. Craighill, Maj. O. M. Poe. Rept. Chief of Eng., 1876, p. 164; 1877, p. 676; 1879, p. 551. (A)
- Ohio River. Members: Lieut. Col. H. G. Wright, 6; Maj. G. Weitzel, Maj. O. M. Poe, Maj. W. E. Merrill. Rept. Chief of Eng., 1877, p. 643; 1878, p. 805. (A)
- Bodfish,** Summer Homer (U. S. M. A., 1868). Died May 17, 1894, aged 50. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Boggs,** Frank Cranstoun (U. S. M. A., 1898). Project, plan, estimate, etc., for the improvement of Boca Grande and Charlotte Harbor, Fla. Rept. Chief of Eng., 1900, p. 2052. (A)
- Bomford,** George (U. S. M. A., 1805). Reports as Chief of Ordnance, 1832-1848. Member of Board of Visitors (inspection to U. S. M. A. in 1845.
- Letter relative to ordnance duty; arms required by militia of West. No. 80, doc. 83. (C)
- Bomford,** James Voty (U. S. M. A., 1832). Died Jan. 6, 1892, aged 80. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
- Bonaparte,** Jerome Napoleon (U. S. M. A., 1852). Died Sept. 3, 1893, aged 63. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Bonneau,** Richard Van Horst (U. S. M. A., 1852). Died Jan. 28, 1899, aged 72. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Bonneville,** Benjamin L. E. (U. S. M. A., 1815). Died June 12, 1878, aged 85. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1878. (A)
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- Borup,** Henry Dana. Extract of report on defenses of Santiago de Cuba; Report on armament of defenses of Santiago de Cuoa. Rept. Chief of Ord., 1898.
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- The water-front defenses of Santiago. [Reprint.] Jour. U. S. Art., vol. 11, p. 302.
- Bostwick,** Samuel W. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1863.
- Boughton,** Daniel Hall (U. S. M. A., 1881). Photographs *in Albums of officers' mess.*
- Bourke,** John Gregory (U. S. M. A., 1869). Died June 8, 1896, aged 50. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
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- Boutelle**, Hon. Charles A. (of Maine). Member of Board of Visitors to U. S. M. A. in 1881.
- Bouve**, Walter L. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1898.
- Bowen**, Achilles (U. S. M. A., 1850). Died June 6, 1896, aged 71. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Bowen**, John S. (U. S. M. A., 1853). Portrait. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Bowen**, Nicolas (U. S. M. A., 1860). Died July 11, 1871, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. (A)
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- Olcott Harbor, N. Y. Rept. Chief of Eng., 1869, pp. 40, 181. (C)
- Pultneyville Harbor, N. Y. Rept. Chief of Eng., 1872, p. 255; 1874, vol. 1, p. 250; 1875, p. 334; 1884, p. 2138. (C)
- See Boards—Bowen, 1; Woodruff, 2. (A)
- Bowen**, William P. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1851.
- Bowman**, Alexander Hamilton (U. S. M. A., 1825). Portrait (oil painting). Presented by War Department, 1875.
- Instructor of practical engineering, U. S. M. A., 1851-52.
- Fourteenth Superintendent, from Mar. 1, 1861, to July 8, 1864. Reports as Supt. U. S. M. A., 1861-1864.
- Remarks on making and applying concrete. n. p. [1849]. 1 vol., O., pp. 9. (A)
- Boyce**, William M. (U. S. M. A., 1822). Topography, sec. 1. U. S. Coast Survey Rept., 1844, p. 5. (A)
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- Boyd**, Orsemus Bronson (U. S. M. A., 1867). Died July 23, 1885, aged 41. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Life of; or, Cavalry life in tent and field. Mrs. O. B. Boyd, 1894.
- Boynton**, Edward Carlisle (U. S. M. A., 1846). Died May 13, 1893, aged 69. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Adjutant U. S. M. A., Oct. 10, 1861, to Sept. 1, 1871.
- Quartermaster U. S. M. A., Nov. 11, 1861, to Sept. 30, 1865.
- Librarian U. S. M. A. from Jan. 1, 1864, to Sept. 2, 1871.
- Military and naval vocabulary in Webster's Army and Navy Dictionary. 1864.
- Boynton**, Edward Carlisle. Register of cadets admitted into the U. S. M. A., West Point, N. Y., from its origin to June 30, 1870. Washington, 1870. 1 vol., O. [Subsequent issues for 1876, 1886, and 1901.] (A)
- General orders of George Washington, Commander in Chief, etc., issued at Newburgh. Newburgh, 1883.
- Author of several papers on chemistry and chemical analysis. 1852-1861.
- See West Point, guide to, 1867.
- Braden**, Charles (U. S. M. A., 1869). Photograph *in* Albums of officers' mess.
- Secretary of the Association of Graduates U. S. M. A. and editor of its Annuals from 1880 to 1900.
- Bradford**, Edmund (U. S. M. A., 1837). Died Apr. 26, 1889, aged 73. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Bradford**, Thomas Carr (U. S. M. A., 1861). Died Jan. 12, 1872, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1871-72.
- Bradley**, Thomas W. (of New York). Member of Board of Visitors to U. S. M. A. in 1899.
- Brady**, Edward Wright (U. S. M. A., 1869). Died May 2, 1903, aged —. Editor of a newspaper at Henderson, Tex., 18—, and at Muncie, Ind., since 18—.
- Bragg**, Braxton (U. S. M. A., 1837). Died Sept. 27, 1876, aged 59. Engraving (by George E. Perine). Owned by Assoc. Grads. U. S. M. A.
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- Bragg**, Edward S. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1886.
- Bragg**, John (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1835.
- Brainard**, Thomas (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1863.
- Brannan**, John Milton (U. S. M. A., 1841). Died Dec. 16, 1892, aged 74. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- In memoriam. *In* Twenty-fourth reunion of the Army of the Cumberland, Cleveland, Ohio, September, 1893, p. 223. Cincinnati, 1894. (A)
- See U. S. Coast Survey Rept., 1862, p. 53. (A)
- Bratt**, John (U. S. M. A., 1837). Died May 21, 1890, aged 77. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A)

- Breck, Samuel (of Alabama). Member of Board of Visitors to U. S. M. A. in 1851.
- Breck, Samuel (U. S. M. A., 1855). Photograph *in* Albums of officers' mess.
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- Reports as Adjutant-General U. S. Army, 1897-98.
- Breckinridge, Charles Henry (U. S. M. A., 1865). Died Aug. 27, 1867, aged —.
- Brent, J. Lancaster (of California). Member of Board of Visitors to U. S. M. A. in 1858.
- Brent, Thomas Lee, jr. (U. S. M. A., 1865). Died May 24, 1880, aged 34. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Brereton, John James (U. S. M. A., 1877). Died Dec. 2, 1899, aged 44. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Brereton, Thomas Jefferson (U. S. M. A., 1843). Died Sept. 18, 1870, aged 48. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Brewerton, George Douglas. Died Jan. 31, 1901. Quartermaster, U. S. M. A., Jan. 31 to Apr. 1, 1851.
- Brewerton, Capt. H. (of —). Member of Board of Visitors (inspection) to U. S. M. A. in 1843.
- Brewerton, Henry (U. S. M. A., 1819). Died Apr. 17, 1879, aged 77. Portrait (oil painting). Presented by War Department, 1875.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Eighth Superintendent, from Aug. 15, 1845, to Sept. 1, 1852. Reports as Supt. U. S. M. A., 1845-1852.
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- Bullard, Henry A.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1849.
- Bullock, Edwin Conover** (U. S. M. A., 1883). Died Dec. 15, 1896, aged 34. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1897. (A)
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- Burbank, Sidney** (U. S. M. A., 1829). Died Dec. 7, 1882, aged 75. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
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- Burdett, Samuel S.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1871.
- Burgess, Doctor** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1824.
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- Butler, Edward George Washington** (U. S. M. A., 1820). Died Sept. 6, 1888, aged 89. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
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