

virtue of the provisions hereof or by expiration of said contract.”

The last sentence of the first paragraph of this section was from a provision of section 1 of act June 13, 1902. Further provisions of the original text, for the purchase of lands and buildings on either side of the South Pass, were temporary merely and are omitted. The original text provided for the use of “the dredge boat Beta, or any other available government dredge.”

The second paragraph of this section was from section 4 of act Aug. 11, 1888. In the original text, following the words “Mississippi river,” the following words appeared: “As provided for in the Act of Mar. third, eighteen hundred and seventy-five.”

The words “the sum of \$10,000,” are substituted for “the amount appropriated in this act for such purpose.” \$10,000 was the amount appropriated for such purpose by section 1 of act June 13, 1902.

Act Mar. 3, 1875, ch. 134, mentioned in the original text, provided in section 4 et seq., 18 Stat. 463 to 466, for a contract with James B. Eads and others to construct jetties, etc., to maintain the channel at the South Pass.

The provisions of that act and of act Aug. 11, 1888, with regard to examinations and surveys at the South Pass, remained in force notwithstanding the termination of said contract, by a provision of act June 13, 1902.

#### AMENDMENTS

1954—Act Aug. 30, 1954, repealed proviso requiring that an itemized statement of expenses incurred for maintenance of the channel through, and securing uninterrupted examinations and surveys of, the South Pass of the Mississippi River, as provided in this section, should accompany the annual report of the Chief of Engineers.

#### CHANGE OF NAME

Department of War designated Department of the Army and title of Secretary of War changed to Secretary of the Army by section 205(a) of act July 26, 1947, ch. 343, title II, 61 Stat. 501. Section 205(a) of act July 26, 1947, was repealed by section 53 of act Aug. 10, 1956, ch. 1041, 70A Stat. 641. Section 1 of act Aug. 10, 1956, enacted “Title 10, Armed Forces” which in sections 3010 to 3013 continued Department of the Army under administrative supervision of Secretary of the Army.

#### APPROPRIATIONS

Section 2 of act June 26, 1934, ch. 756, 48 Stat. 1225, which was classified to section 725a of former Title 31, Money and Finance, repealed the permanent appropriation under the titles “Maintenance of channel, South Pass, Mississippi River (fiscal year) (8-961.55)” and “Examinations and surveys at South Pass, Mississippi River (fiscal year) (8-961.53)” effective July 1, 1935, and provided that such portions of any Acts as make permanent appropriations to be expended under such accounts are amended so as to authorize, in lieu thereof, annual appropriations from the general fund of the Treasury in identical terms and in such amounts as now provided by the laws providing such permanent appropriations.

#### § 603. Repealed. Mar. 2, 1945, ch. 19, § 3, 59 Stat. 23

Section, acts July 25, 1912, ch. 253, § 1, 37 Stat. 222; July 3, 1930, ch. 847, § 3, 46 Stat. 946; Oct. 17, 1940, ch. 895, § 3, 54 Stat. 1200, related to removal of temporary obstructions and to minor improvements in navigable waters. See section 603a of this title.

#### § 603a. Removal of snags and debris, and straightening, clearing, and protecting channels in navigable waters

The Secretary of the Army is authorized to allot not to exceed \$5,000,000 from any appropria-

tions made prior to or after March 2, 1945, for any one fiscal year for improvement of rivers and harbors, for removing accumulated snags, obstructions, and other debris located in or adjacent to a Federal channel, and for protecting, clearing, and straightening channels in navigable harbors and navigable streams and tributaries thereof, when in the opinion of the Chief of Engineers such work is advisable in the interest of navigation, flood control, or recreation.

(Mar. 2, 1945, ch. 19, § 3, 59 Stat. 23; July 26, 1947, ch. 343, title II, § 205(a), 61 Stat. 501; Pub. L. 99-662, title IX, § 915(g), Nov. 17, 1986, 100 Stat. 4191; Pub. L. 114-322, title I, § 1164, Dec. 16, 2016, 130 Stat. 1670.)

#### AMENDMENTS

2016—Pub. L. 114-322 substituted “\$5,000,000” for “\$1,000,000”, “accumulated snags, obstructions, and other debris located in or adjacent to a Federal channel” for “accumulated snags and other debris”, and “, flood control, or recreation” for “or flood control”.

1986—Pub. L. 99-662 substituted “\$1,000,000” for “\$300,000”.

#### CHANGE OF NAME

Department of War designated Department of the Army and title of Secretary of War changed to Secretary of the Army by section 205(a) of act July 26, 1947, ch. 343, title II, 61 Stat. 501. Section 205(a) of act July 26, 1947, was repealed by section 53 of act Aug. 10, 1956, ch. 1041, 70A Stat. 641. Section 1 of act Aug. 10, 1956, enacted “Title 10, Armed Forces” which in sections 3010 to 3013 continued Department of the Army under administrative supervision of Secretary of the Army.

#### EFFECTIVE DATE OF 1986 AMENDMENT

Amendment by Pub. L. 99-662 not applicable to any project under contract for construction on Nov. 17, 1986, see section 915(i) of Pub. L. 99-662, set out as a note under section 426g of this title.

#### § 604. Removal of snags, etc., from Mississippi River

For the purpose of removing snags, wrecks, and other obstructions in the Mississippi River, the Atchafalaya and Old Rivers from the junction with the Mississippi and Red Rivers down the Atchafalaya River as far down as Melville, Louisiana, the Secretary of the Army, upon the application of the Chief of Engineers, is authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the sum of \$100,000.

(Aug. 11, 1888, ch. 860, §§ 1, 7, 25 Stat. 421, 424; Mar. 3, 1909, ch. 264, § 3, 35 Stat. 817; July 26, 1947, ch. 343, title II, § 205(a), 61 Stat. 501; Aug. 30, 1954, ch. 1076, § 1(15), 68 Stat. 967.)

#### CODIFICATION

Section is from the Rivers and Harbors Appropriation Act of 1888, act Aug. 11, 1888, as affected by act Mar. 3, 1909.

Act Mar. 3, 1909, made the provisions of act Aug. 11, 1888, for the removal of snags applicable to “the Atchafalaya and Old Rivers from the junction with the Mississippi and Red Rivers down the Atchafalaya River as far as Melville, Louisiana.”

Section 7 of act Aug. 11, 1888, provided for “securing the uninterrupted work of operating snag boats on the upper Mississippi River” as well as for the removal of

snags. The provision for operating snag boats is set out as section 605 of this title.

The words “the sum of \$100,000” are substituted for “the amounts appropriated in this act for such purposes.” An appropriation of \$100,000 for removal of snags is contained in section 1 of the act.

#### AMENDMENTS

1954—Act Aug. 30, 1954, repealed proviso requiring that an itemized statement of expenses incurred in the removal of snags, etc., as provided in this section, should accompany the annual report of the Chief of Engineers.

#### CHANGE OF NAME

Department of War designated Department of the Army and title of Secretary of War changed to Secretary of the Army by section 205(a) of act July 26, 1947, ch. 343, title II, 61 Stat. 501. Section 205(a) of act July 26, 1947, was repealed by section 53 of act Aug. 10, 1956, ch. 1041, 70A Stat. 641. Section 1 of act Aug. 10, 1956, enacted “Title 10, Armed Forces” which in sections 3010 to 3013 continued Department of the Army under administrative supervision of Secretary of the Army.

#### APPROPRIATIONS

Section 2 of act June 26, 1934, ch. 756, 48 Stat. 1225, which was classified to section 725a of former Title 31, Money and Finance, repealed the permanent appropriation under the title “Removing obstructions in Mississippi, Atchafalaya, and Old Rivers (fiscal year) (8-961.58)” effective July 1, 1935, and provided that such portions of any Acts as make permanent appropriations to be expended under such account are amended so as to authorize, in lieu thereof, annual appropriations from the general fund of the Treasury in identical terms and in such amounts as now provided by the laws providing such permanent appropriations.

### § 605. Operation of snag boats on Upper Mississippi River

For the purpose of securing the uninterrupted work of operating snag boats on the Upper Mississippi River, the Illinois River, from its mouth to Copperas Creek, and the Minnesota River and other tributaries of the Upper Mississippi River improved by the United States, the Secretary of the Army, upon the application of the Chief of Engineers, is authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the sum of \$25,000.

(Aug. 11, 1888, ch. 860, §§1, 7, 25 Stat. 420, 421, 424; Mar. 2, 1907, ch. 2509, §1, 34 Stat. 1102; Mar. 3, 1909, ch. 264, §3, 35 Stat. 817; July 26, 1947, ch. 343, title II, §205(a), 61 Stat. 501; Aug. 30, 1954, ch. 1076, §1(15), 68 Stat. 967.)

#### CODIFICATION

Section is from act, Aug. 11, 1888, as affected by acts Mar. 2, 1907, and Mar. 3, 1909.

Section 7 of act Aug. 11, 1888, also provided for the removal of snags from the Mississippi River. (See section 604 of this title.)

The words “the sum of \$25,000,” are substituted for “the amounts appropriated in this act for such purposes.” An appropriation of \$25,000 for operating snag boats was made in section 1 of the act.

Act Mar. 2, 1907, made the provisions of the earlier Act concerning snag boats applicable to the Illinois river from its mouth to Copperas Creek.

Act Mar. 3, 1909, made such provisions applicable to “the Minnesota river and other tributaries of the upper Mississippi River now or heretofore improved by the United States.”

#### AMENDMENTS

1954—Act Aug. 30, 1954, repealed proviso requiring that an itemized statement of expenses incurred in operation of snag boats on the Upper Mississippi River, etc., as provided in this section, should accompany the annual report of the Chief of Engineers.

#### CHANGE OF NAME

Department of War designated Department of the Army and title of Secretary of War changed to Secretary of the Army by section 205(a) of act July 26, 1947, ch. 343, title II, 61 Stat. 501. Section 205(a) of act July 26, 1947, was repealed by section 53 of act Aug. 10, 1956, ch. 1041, 70A Stat. 641. Section 1 of act Aug. 10, 1956, enacted “Title 10, Armed Forces” which in sections 3010 to 3013 continued Department of the Army under administrative supervision of Secretary of the Army.

#### APPROPRIATIONS

Section 2 of act June 26, 1934, ch. 756, 48 Stat. 1225, which was classified to section 725a of former Title 31, Money and Finance, repealed the permanent appropriation under the title “Operating snag and dredge boats on upper Mississippi, Illinois, and Minnesota Rivers (fiscal year) (8-962.60)” effective July 1, 1935, and provided that such portions of any Acts as make permanent appropriations to be expended under such account are amended so as to authorize, in lieu thereof, annual appropriations from the general fund of the Treasury in identical terms and in such amounts as now provided by the laws providing such permanent appropriations.

### § 605a. Mississippi River forecasting improvements

#### (1) In general

The Secretary, in consultation with the Secretary of the department in which the Coast Guard is operating, the Director of the United States Geological Survey, the Administrator of the National Oceanic and Atmospheric Administration, and the Director of the National Weather Service, as applicable, shall improve forecasting on the Mississippi River by—

(A) updating forecasting technology deployed on the Mississippi River and its tributaries through—

- (i) the construction of additional automated river gages;
- (ii) the rehabilitation of existing automated and manual river gages; and
- (iii) the replacement of manual river gages with automated gages, as the Secretary determines to be necessary;

(B) constructing additional sedimentation ranges on the Mississippi River and its tributaries; and

(C) deploying additional automatic identification system base stations at river gage sites.

#### (2) Prioritization

In carrying out this section, the Secretary shall prioritize the sections of the Mississippi River on which additional and more reliable information would have the greatest impact on maintaining navigation on the Mississippi River.

#### (3) Report

Not later than 1 year after June 10, 2014, the Secretary shall submit to Congress and make publicly available a report on the activities carried out by the Secretary under this section.