

as amended, which is classified generally to chapter 99 [§7301 et seq.] of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7301 of this title and Tables.

#### CODIFICATION

Section was not enacted as part of the National Institute of Standards and Technology Act which comprises this chapter.

#### AMENDMENTS

2002—Pub. L. 107-231 inserted “, or from an investigation under the National Construction Safety Team Act,” after “from such investigation”.

1988—Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

### § 282. Repealed. Pub. L. 100-418, title V, § 5113, Aug. 23, 1988, 102 Stat. 1432

Section, act May 14, 1930, ch. 275, §1, 46 Stat. 327, related to establishment and purpose of a national hydraulic laboratory and studies of Federal and State projects related thereto.

### § 282a. Assessment of emerging technologies requiring research in metrology

The Board of Assessment of the National Institute of Standards and Technology shall include, as part of its annual review, an assessment of emerging technologies which are expected to require research in metrology to keep the Institute abreast of its mission, including process and quality control, engineering databases, advanced materials, electronics and fiber optics, bioprocess engineering, and advanced computing concepts. Such review shall include estimates of the cost of the required effort, required staffing levels, appropriate interaction with industry, including technology transfer, and the period over which the research will be required.

(Pub. L. 100-418, title V, §5163(a), Aug. 23, 1988, 102 Stat. 1450.)

#### Editorial Notes

##### CODIFICATION

Section is comprised of section 5163(a) of Pub. L. 100-418. Section 5163(b)-(d) of Pub. L. 100-418 enacted provisions set out as a note under section 272 of this title, amended section 3710 of this title, and enacted section 1533 of this title, respectively.

Section was not enacted as part of the National Institute of Standards and Technology Act which comprises this chapter.

##### PRIOR PROVISIONS

A prior section 282a, Pub. L. 99-574, §7, Oct. 28, 1986, 100 Stat. 3237, consisted of provisions substantially identical to this section.

### § 283. Repealed. Pub. L. 89-554, § 8(a), Sept. 6, 1966, 80 Stat. 655, 656

Section, acts July 20, 1949, ch. 354, title III, §301, 63 Stat. 468; Sept. 6, 1950, ch. 896, ch. III, title III, §301, 64 Stat. 628, related to appointment of personnel observing radio propagation phenomena in Arctic Region.

### § 284. Omitted

#### Editorial Notes

##### CODIFICATION

Section, acts Oct. 22, 1951, ch. 533, title III, §301, 65 Stat. 593; Sept. 6, 1950, ch. 896, ch. III, title III, §301, 64

Stat. 628; July 20, 1949, ch. 354, title III, §301, 63 Stat. 468, which related to transfer of materials, etc., to Bureau of ionosphere observation by Departments of the Army, Navy, and Air Force, was from the Department of Commerce Appropriation Act, 1952, and has not been repeated in subsequent appropriation acts.

### §§ 285, 286. Repealed. Pub. L. 85-890, § 3, Sept. 2, 1958, 72 Stat. 1712

Section 285, act July 21, 1950, ch. 485, §1, 64 Stat. 370, related to functions and activities of National Bureau of Standards for which funds should be available. See section 278e of this title.

Section 286, act July 21, 1950, ch. 485, §2, 64 Stat. 371, related to construction and improvement of buildings and facilities. See section 278d of this title.

## CHAPTER 7A—STANDARD REFERENCE DATA PROGRAM

#### Sec.

- 290. Congressional declaration of policy.
- 290a. Definitions.
- 290b. Collection, compilation, critical evaluation, publication and dissemination of standard reference data.
- 290c. Standards, criteria, and procedures for preparation and publication of standard reference data; publication in Federal Register.
- 290d. Sale of standard reference data; cost recovery; proceeds subject to National Institute of Standards and Technology.
- 290e. United States copyright and renewal rights.
- 290f. Authorization of appropriations.

### § 290. Congressional declaration of policy

The Congress hereby finds and declares that reliable standardized scientific and technical reference data are of vital importance to the progress of the Nation's science and technology. It is therefore the policy of the Congress to make critically evaluated reference data readily available to scientists, engineers, and the general public. It is the purpose of this chapter to strengthen and enhance this policy.

(Pub. L. 90-396, §1, July 11, 1968, 82 Stat. 339.)

#### Statutory Notes and Related Subsidiaries

##### SHORT TITLE

Pub. L. 90-396, §8, July 11, 1968, 82 Stat. 340, provided that: “This Act [enacting this chapter] may be cited as the ‘Standard Reference Data Act.’”

### § 290a. Definitions

For the purposes of this chapter:

#### (1) Standard reference data

The term “standard reference data” means data that is—

(A) either—

(i) quantitative information related to a measurable physical, or chemical, or biological property of a substance or system of substances of known composition and structure;

(ii) measurable characteristics of a physical artifact or artifacts;

(iii) engineering properties or performance characteristics of a system; or

(iv) 1 or more digital data objects that serve—

(I) to calibrate or characterize the performance of a detection or measurement system; or

(II) to interpolate or extrapolate, or both, data described in subparagraph (A) through (C);<sup>1</sup> and

(B) that is critically evaluated as to its reliability under section 290b of this title.

**(2) Secretary**

The term “Secretary” means the Secretary of Commerce.

(Pub. L. 90–396, §2, July 11, 1968, 82 Stat. 340; Pub. L. 114–329, title I, §108, Jan. 6, 2017, 130 Stat. 2987.)

**Editorial Notes**

AMENDMENTS

2017—Pub. L. 114–329 amended section generally. Prior to amendment, text read as follows: “For the purposes of this chapter—

“(a) The term ‘standard reference data’ means quantitative information, related to a measurable physical or chemical property of a substance or system of substances of known composition and structure, which is critically evaluated as to its reliability under section 290b of this title.

“(b) The term ‘Secretary’ means the Secretary of Commerce.”

**§ 290b. Collection, compilation, critical evaluation, publication and dissemination of standard reference data**

The Secretary is authorized and directed to provide or arrange for the collection, compilation, critical evaluation, publication, and dissemination of standard reference data. In carrying out this program, the Secretary shall, to the maximum extent practicable, utilize the reference data services and facilities of other agencies and instrumentalities of the Federal Government and of State and local governments, persons, firms, institutions, and associations, with their consent and in such a manner as to avoid duplication of those services and facilities. All agencies and instrumentalities of the Federal Government are encouraged to exercise their duties and functions in such manner as will assist in carrying out the purpose of this chapter. This section shall be deemed complementary to existing authority, and nothing herein is intended to repeal, supersede, or diminish existing authority or responsibility of any agency or instrumentality of the Federal Government.

(Pub. L. 90–396, §3, July 11, 1968, 82 Stat. 340.)

**§ 290c. Standards, criteria, and procedures for preparation and publication of standard reference data; publication in Federal Register**

To provide for more effective integration and coordination of standard reference data activities, the Secretary, in consultation with other interested Federal agencies, shall prescribe and publish in the Federal Register such standards, criteria, and procedures for the preparation and publication of standard reference data as may be necessary to carry out the provisions of this chapter.

(Pub. L. 90–396, §4, July 11, 1968, 82 Stat. 340.)

<sup>1</sup> So in original.

**§ 290d. Sale of standard reference data; cost recovery; proceeds subject to National Institute of Standards and Technology**

Standard reference data conforming to standards established by the Secretary may be made available and sold by the Secretary or by a person or agency designated by him. To the extent practicable and appropriate, the prices established for such data may reflect the cost of collection, compilation, evaluation, publication, and dissemination of the data, including administrative expenses; and the amounts received shall be subject to the Act of March 3, 1901, as amended [15 U.S.C. 271 et seq.].

(Pub. L. 90–396, §5, July 11, 1968, 82 Stat. 340.)

**Editorial Notes**

REFERENCES IN TEXT

Act of March 3, 1901, as amended, referred to in text, means act Mar. 3, 1901, ch. 872, 31 Stat. 1449, as amended, which is classified generally to chapter 7 (§271 et seq.) of this title. For complete classification of this Act to the Code, see Tables.

**§ 290e. United States copyright and renewal rights**

(a) Notwithstanding the limitations under section 105 of title 17, the Secretary may secure copyright and renewal thereof on behalf of the United States as author or proprietor in all or any part of any standard reference data which he prepares or makes available under this chapter, and may authorize the reproduction and publication thereof by others.

(b) The publication or republication by the Government under this chapter, either separately or in a public document, of any material in which copyright is subsisting shall not be taken to cause any abridgment or annulment of the copyright or to authorize any use or appropriation of such material without the consent of the copyright proprietor.

(Pub. L. 90–396, §6, July 11, 1968, 82 Stat. 340; Pub. L. 94–553, §105(f), Oct. 19, 1976, 90 Stat. 2599; Pub. L. 107–273, div. C, title III, §13211(b), Nov. 2, 2002, 116 Stat. 1910.)

**Editorial Notes**

AMENDMENTS

2002—Subsec. (a). Pub. L. 107–273, §13211(b)(2), substituted “Notwithstanding the limitations under section 105 of title 17,” for “Notwithstanding the limitations contained in section 105 of title 17,”.

Pub. L. 107–273, §13211(b)(1), made technical amendment to directory language of Pub. L. 94–553. See 1976 Amendment note below.

1976—Subsec. (a). Pub. L. 94–553, as amended by Pub. L. 107–273, §13211(b)(1), substituted “section 105 of title 17” for “section 8 of title 17”.

**Statutory Notes and Related Subsidiaries**

EFFECTIVE DATE OF 1976 AMENDMENT

Amendment by Pub. L. 94–553 effective Jan. 1, 1978, see section 102 of Pub. L. 94–553, set out as an Effective Date note preceding section 101 of Title 17, Copyrights.

**§ 290f. Authorization of appropriations**

There are authorized to be appropriated to carry out this chapter, \$1.86 million for the fis-