

## TRANSFER OF FUNCTIONS

Act Feb. 14, 1903, transferred National Bureau of Standards from Treasury Department to Department of Commerce and Labor.

**§ 204. Metric system authorized**

It shall be lawful throughout the United States of America to employ the weights and measures of the metric system; and no contract or dealing, or pleading in any court, shall be deemed invalid or liable to objection because the weights or measures expressed or referred to therein are weights or measures of the metric system.

(R.S. § 3569.)

**Editorial Notes**

## CODIFICATION

R.S. § 3569 derived from act July 28, 1866, ch. 301, § 1, 14 Stat. 339.

**Statutory Notes and Related Subsidiaries**STUDY OF METRIC SYSTEM BY THE SECRETARY OF  
COMMERCE

Pub. L. 90-472, Aug. 9, 1968, 82 Stat. 693, authorized the Secretary of Commerce to conduct a program of investigation, research, and survey to determine the impact of increasing worldwide use of the metric system on the United States; to appraise the desirability and practicability of increasing the use of metric weights and measures in the United States; to study the feasibility of retaining and promoting by international use of dimensional and other engineering standards based on the customary measurement units of the United States; and to evaluate the costs and benefits of alternative courses of action which might be feasible for the United States. The Secretary was directed to submit to the Congress such interim reports as he deemed desirable, and within three years after Aug. 9, 1968, a full and complete report of the findings made under the study, together with such recommendations as he considered to be appropriate and in the best interests of the United States. By its own terms, the Act expired thirty days after the submission of the final report.

**§ 205. Metric system defined**

The metric system of measurement shall be defined as the International System of Units as established in 1960, and subsequently maintained, by the General Conference of Weights and Measures, and as interpreted or modified for the United States by the Secretary of Commerce.

(R.S. § 3570; Pub. L. 110-69, title III, § 3013(c)(1), Aug. 9, 2007, 121 Stat. 598.)

**Editorial Notes**

## CODIFICATION

R.S. § 3570 derived from act July 28, 1866, ch. 301, § 2, 14 Stat. 339, 340.

## AMENDMENTS

2007—Pub. L. 110-69 amended section generally. Prior to amendment, section read as follows: “The tables in the schedule annexed shall be recognized in the construction of contracts and in all legal proceedings as establishing, in terms of the weights and measures on June 22, 1874, in use in the United States, the equivalents of the weights and measures expressed therein in terms of the metric system; and the tables may law-

fully be used for computing, determining, and expressing in customary weights and measures the weights and measures of the metric system.”

**SUBCHAPTER II—METRIC CONVERSION****§ 205a. Congressional statement of findings**

The Congress finds as follows:

(1) The United States was an original signatory party to the 1875 Treaty of the Meter (20 Stat. 709), which established the General Conference of Weights and Measures, the International Committee of Weights and Measures and the International Bureau of Weights and Measures.

(2) Although the use of metric measurement standards in the United States has been authorized by law since 1866 (Act of July 28, 1866; 14 Stat. 339), this Nation today is the only industrially developed nation which has not established a national policy of committing itself and taking steps to facilitate conversion to the metric system.

(3) World trade is increasingly geared towards the metric system of measurement.

(4) Industry in the United States is often at a competitive disadvantage when dealing in international markets because of its non-standard measurement system, and is sometimes excluded when it is unable to deliver goods which are measured in metric terms.

(5) The inherent simplicity of the metric system of measurement and standardization of weights and measures has led to major cost savings in certain industries which have converted to that system.

(6) The Federal Government has a responsibility to develop procedures and techniques to assist industry, especially small business, as it voluntarily converts to the metric system of measurement.

(7) The metric system of measurement can provide substantial advantages to the Federal Government in its own operations.

(Pub. L. 94-168, § 2, Dec. 23, 1975, 89 Stat. 1007; Pub. L. 100-418, title V, § 5164(a), Aug. 23, 1988, 102 Stat. 1451.)

**Editorial Notes**

## REFERENCES IN TEXT

Act of July 28, 1866; 14 Stat. 339, referred to in par. (2), is predecessor of R.S. § 3569 authorizing use of the metric system, which is classified to section 204 of this title.

## AMENDMENTS

1988—Pars. (3) to (7). Pub. L. 100-418 added pars. (3) to (7).

**Statutory Notes and Related Subsidiaries**

## SHORT TITLE OF 1996 AMENDMENT

Pub. L. 104-289, § 1, Oct. 11, 1996, 110 Stat. 3411, provided that: “This Act [enacting section 205f of this title, amending sections 205c and 205f of this title, and enacting provisions set out as notes under this section and section 205c of this title] may be cited as the ‘Savings in Construction Act of 1996’.”

## SHORT TITLE

Pub. L. 94-168, § 1, Dec. 23, 1975, 89 Stat. 1007, provided: “That this Act [enacting this subchapter] may be cited as the ‘Metric Conversion Act of 1975’.”

CONGRESSIONAL STATEMENT OF FINDINGS; METRIC  
CONVERSION IN FEDERAL CONSTRUCTION PROJECTS

Pub. L. 104-289, §2, Oct. 11, 1996, 110 Stat. 3411, provided that: "The Congress finds the following:

"(1) The Metric Conversion Act of 1975 [15 U.S.C. 205a et seq.] was enacted in order to set forth the policy of the United States to convert to the metric system. Section 3 of that Act [15 U.S.C. 205b] requires that each Federal agency use the metric system of measurements in its procurement, grants, and other business-related activities, unless that use is likely to cause significant cost or loss of markets to United States firms, such as when foreign competitors are producing competing products in non-metric units.

"(2) In accordance with that Act and Executive Order 12770, of July 25, 1991 [set out below], Federal agencies increasingly construct new Federal buildings in round metric dimensions. As a result, companies that wish to bid on Federal construction projects increasingly are asked to supply materials or products in round metric dimensions.

"(3) While the Metric Conversion Act of 1975 currently provides an exemption to metric usage when impractical or when such usage will cause economic inefficiencies, amendments are warranted to ensure that the use of specific metric components in metric construction projects do not increase the cost of Federal buildings to the taxpayers."

**Executive Documents**

EX. ORD. NO. 12770. METRIC USAGE IN FEDERAL  
GOVERNMENT PROGRAMS

Ex. Ord. No. 12770, July 25, 1991, 56 F.R. 35801, provided:

By the authority vested in me as President by the Constitution and the laws of the United States of America, including the Metric Conversion Act of 1975, Public Law 94-168 (15 U.S.C. 205a et seq.) ("the Metric Conversion Act"), as amended by section 5164 of the Omnibus Trade and Competitiveness Act of 1988, Public Law 100-418 ("the Trade and Competitiveness Act"), and in order to implement the congressional designation of the metric system of measurement as the preferred system of weights and measures for United States trade and commerce, it is hereby ordered as follows:

SECTION 1. *Coordination by the Department of Commerce.*  
(a) The Secretary of Commerce ("Secretary") is designated to direct and coordinate efforts by Federal departments and agencies to implement Government metric usage in accordance with section 3 of the Metric Conversion Act (15 U.S.C. 205b), as amended by section 5164(b) of the Trade and Competitiveness Act.

(b) In furtherance of his duties under this order, the Secretary is authorized:

(1) to charter an Interagency Council on Metric Policy ("ICMP"), which will assist the Secretary in coordinating Federal Government-wide implementation of this order. Conflicts and questions regarding implementation of this order shall be resolved by the ICMP. The Secretary may establish such subcommittees and subchairs within this Council as may be necessary to carry out the purposes of this order.[]

(2) to form such advisory committees representing other interests, including State and local governments and the business community, as may be necessary to achieve the maximum beneficial effects of this order; and

(3) to issue guidelines, to promulgate rules and regulations, and to take such actions as may be necessary to carry out the purposes of this order. Regulations promulgated by the Secretary shall function as policy guidelines for other agencies and departments.

(c) The Secretary shall report to the President annually regarding the progress made in implementing this order. The report shall include:

(1) an assessment of progress made by individual Federal agencies towards implementing the purposes underlying this order;

(2) an assessment of the effect that this order has had on achieving the national goal of establishing the metric system as the preferred system of weights and measures for United States trade and commerce; and

(3) on October 1, 1992, any recommendations which the Secretary may have for additional measures, including proposed legislation, needed to achieve the full economic benefits of metric usage.

SEC. 2. *Department and Agency Responsibilities.* All executive branch departments and agencies of the United States Government are directed to take all appropriate measures within their authority to carry out the provisions of this order. Consistent with this mission, the head of each executive department and agency shall:

(a) use, to the extent economically feasible by September 30, 1992, or by such other date or dates established by the department or agency in consultation with the Secretary of Commerce, the metric system of measurement in Federal Government procurements, grants, and other business-related activities. Other business-related activities include all use of measurement units in agency programs and functions related to trade, industry, and commerce.

(1) Metric usage shall not be required to the extent that such use is impractical or is likely to cause significant inefficiencies or loss of markets to United States firms.

(2) Heads of departments and agencies shall establish an effective process for a policy-level and program-level review of proposed exceptions to metric usage. Appropriate information about exceptions granted shall be included in the agency annual report along with recommendations for actions to enable future metric usage.

(b) seek out ways to increase understanding of the metric system of measurement through educational information and guidance and in Government publications. The transition to use of metric units in Government publications should be made as publications are revised on normal schedules or new publications are developed, or as metric publications are required in support of metric usage pursuant to paragraph (a) of this section.

(c) seek the appropriate aid, assistance, and cooperation of other affected parties, including other Federal, State, and local agencies and the private sector, in implementing this order. Appropriate use shall be made of governmental, trade, professional, and private sector metric coordinating groups to secure the maximum benefits of this order through proper communication among affected sectors.

(d) formulate metric transition plans for the department or agency which shall incorporate the requirements of the Metric Conversion Act and this order, and which shall be approved by the department or agency head and be in effect by November 30, 1991. Copies of approved plans shall be forwarded to the Secretary of Commerce. Such metric transition plans shall specify, among other things:

(1) the total scope of the metric transition task for that department or agency, including firm dates for all metric accomplishment milestones for the current and subsequent fiscal year;

(2) plans of the department or agency for specific initiatives to enhance cooperation with industry, especially small business, as it voluntarily converts to the metric system, and with all affected parties in undertaking the requirements of paragraph (a) of this section; and

(3) specific steps and associated schedules through which the department or agency will seek to increase understanding of the metric system through educational information and guidance, and in department or agency publications.

(e) designate a senior-level official as the Metric Executive for the department or agency to assist the head of each executive department or agency in implementing this order. The responsibilities of the Metric Executive shall include, but not be limited to:

(1) acting as the department's or agency's policy-level representative to the ICMP and as a liaison with other government agencies and private sector groups;

(2) management oversight of department or agency outreach and response to inquiries and questions from affected parties during the transition to metric system usage; and

(3) management oversight of preparation of the department's or agency's metric transition plans and progress reports, including the Annual Metric Report required by 15 U.S.C. 205j and OMB Circular A-11.

(4) preparation by June 30, 1992, of an assessment of agency progress and problems, together with recommendations for steps to assure successful implementation of the Metric Conversion Act. The assessment and recommendations shall be approved by the head of the department or agency and provided to the Secretary by June 30, 1992, for inclusion in the Secretary's October 1, 1992, report on implementation of this order.

SEC. 3. *Application of Resources.* The head of each executive department and agency shall be responsible for implementing and applying the necessary resources to accomplish the goals set forth in the Metric Conversion Act and this order.

SEC. 4. *Judicial Review.* This order is intended only to improve the internal management of the executive branch and is not intended to create any right or benefit, substantive or procedural, enforceable at law by a party against the United States, its agencies, its officers, or any other person.

GEORGE BUSH.

### § 205b. Declaration of policy

It is therefore the declared policy of the United States—

(1) to designate the metric system of measurement as the preferred system of weights and measures for United States trade and commerce;

(2) to require that each Federal agency, by a date certain and to the extent economically feasible by the end of the fiscal year 1992, use the metric system of measurement in its procurements, grants, and other business-related activities, except to the extent that such use is impractical or is likely to cause significant inefficiencies or loss of markets to United States firms, such as when foreign competitors are producing competing products in non-metric units;

(3) to seek out ways to increase understanding of the metric system of measurement through educational information and guidance and in Government publications; and

(4) to permit the continued use of traditional systems of weights and measures in non-business activities.

(Pub. L. 94-168, §3, Dec. 23, 1975, 89 Stat. 1007; Pub. L. 100-418, title V, §5164(b), Aug. 23, 1988, 102 Stat. 1452.)

### Editorial Notes

#### AMENDMENTS

1988—Pub. L. 100-418 amended section generally. Prior to amendment, section read as follows: "It is therefore declared that the policy of the United States shall be to coordinate and plan the increasing use of the metric system in the United States and to establish a United States Metric Board to coordinate the voluntary conversion to the metric system."

### Statutory Notes and Related Subsidiaries

#### IMPLEMENTATION OF METRIC USAGE IN FEDERAL GOVERNMENT

Secretary of Commerce designated to direct and coordinate implementation of Government metric usage,

see section 1 of Ex. Ord. No. 12770, July 25, 1991, 56 F.R. 35801, set out as a note under section 205a of this title.

### § 205c. Definitions

As used in this subchapter, the term—

(1) "Board" means the United States Metric Board, established under section 205d of this title;

(2) "engineering standard" means a standard which prescribes (A) a concise set of conditions and requirements that must be satisfied by a material, product, process, procedure, convention, or test method; and (B) the physical, functional, performance and/or conformant characteristics thereof;

(3) "international standard or recommendation" means an engineering standard or recommendation which is (A) formulated and promulgated by an international organization and (B) recommended for adoption by individual nations as a national standard;

(4) "metric system of measurement" means the International System of Units as established by the General Conference of Weights and Measures in 1960 and as interpreted or modified for the United States by the Secretary of Commerce;

(5) "full and open competition" has the same meaning as defined in section 107 of title 41;

(6) "total installed price" means the price of purchasing a product or material, trimming or otherwise altering some or all of that product or material, if necessary to fit with other building components, and then installing that product or material into a Federal facility;

(7) "hard-metric" means measurement, design, and manufacture using the metric system of measurement, but does not include measurement, design, and manufacture using English system measurement units which are subsequently reexpressed in the metric system of measurement;

(8) "cost or pricing data or price analysis" has the meaning given such terms in section 3501(a) of title 41; and

(9) "Federal facility" means any public building (as defined under section 3301(a) of title 40<sup>1</sup> and shall include any Federal building or construction project—

(A) on lands in the public domain;

(B) on lands used in connection with Federal programs for agriculture research, recreation, and conservation programs;

(C) on or used in connection with river, harbor, flood control, reclamation, or power projects;

(D) on or used in connection with housing and residential projects;

(E) on military installations (including any fort, camp, post, naval training station, airfield, proving ground, military supply depot, military school, or any similar facility of the Department of Defense);

(F) on installations of the Department of Veteran<sup>2</sup> Affairs used for hospital or domiciliary purposes; or

(G) on lands used in connection with Federal prisons,

<sup>1</sup>So in original. Probably should be followed by a closing parenthesis.

<sup>2</sup>So in original. Probably should be "Veterans".