

appropriated for the applied research programs in the Department of Defense for that fiscal year.

“(B) For each military department, the value of all contracts, grants, cooperative agreements, or other transactions entered into during the fiscal year for which funding is counted toward meeting an objective under this section, expressed in relationship to the total amount appropriated for the applied research program of the military department for that fiscal year.

“(C) A summary of the cost-sharing arrangements in dual-use projects that were initiated during the fiscal year and are counted toward reaching an objective under this section.

“(D) A description of the regulations, directives, or other procedures that have been issued by the Secretary of Defense or the Secretary of a military department to increase the percentage of the total value of the dual-use projects undertaken to meet or exceed an objective under this section.

“(E) Any recommended legislation to facilitate achievement of objectives under this section.

“(g) COMMERCIAL OPERATIONS AND SUPPORT SAVINGS INITIATIVE.—(1) The Secretary of Defense shall establish a Commercial Operations and Support Savings Initiative (in this subsection referred to as the ‘Initiative’) to develop commercial products and processes that the military departments can incorporate into operational military systems to reduce costs of operations and support.

“(2) Of the amounts authorized to be appropriated by section 201, \$50,000,000 is authorized for the Initiative.

“(3) Projects and participants in the Initiative shall be selected through the use of competitive procedures.

“(4) The budget submitted to Congress by the President for fiscal year 1999 and each fiscal year thereafter pursuant to section 1105(a) of title 31, United States Code, shall set forth separately the funding request for the Initiative.

“(h) REPEAL OF SUPERSEDED AUTHORITY.—[Repealed section 203 of Pub. L. 104-201, 110 Stat. 2451.]

“(i) DEFINITIONS.—In this section:

“(1) The term ‘applied research program’ means a program of a military department which is funded under the 6.2 Research, Development, Test and Evaluation account of that department.

“(2) The term ‘dual-use project’ means a project under a program of a military department or a defense agency under which research or development of a dual-use technology is carried out and the costs of which are shared by the Department of Defense and non-Government entities.”

APPLICATION OF 1993 AMENDMENTS TO EXISTING TECHNOLOGY REINVESTMENT PROJECTS

Section 1315(g) of Pub. L. 103-160 provided that in the case of projects funded under section 2511, 2512, 2513, 2523, or 2524 of this title with funds appropriated for a fiscal year beginning before Oct. 1, 1993, the amendments made by section 1315 of Pub. L. 103-160 would not alter the financial commitment requirements in effect on Nov. 30, 1993, for the non-Federal Government participants in the project.

[§§ 2512, 2513. Repealed. Pub. L. 104-106, div. A, title X, § 1081(f), Feb. 10, 1996, 110 Stat. 454]

Section 2512, added Pub. L. 102-484, div. D, title XLII, § 4222(a), Oct. 23, 1992, 106 Stat. 2679; amended Pub. L. 103-160, div. A, title XIII, § 1315(b), Nov. 30, 1993, 107 Stat. 1787; Pub. L. 103-337, div. A, title XI, § 1115(b), Oct. 5, 1994, 108 Stat. 2868, related to commercial-military integration partnerships.

A prior section 2512, added Pub. L. 101-510, div. A, title VIII, § 823(a)(3), Nov. 5, 1990, 104 Stat. 1600, related to responsibility of Secretary of Defense to provide management and planning, prior to repeal by Pub. L. 102-484, § 4202(a).

Section 2513, added Pub. L. 102-190, div. A, title VIII, § 821(a), Dec. 5, 1991, 105 Stat. 1428, § 2524; renumbered

§ 2513 and amended Pub. L. 102-484, div. D, title XLII, § 4223(a)-(f), Oct. 23, 1992, 106 Stat. 2681; Pub. L. 103-35, title II, § 201(d)(3), (e)(1), May 31, 1993, 107 Stat. 99; Pub. L. 103-160, div. A, title XI, § 1182(g)(2), title XIII, §§ 1315(c), 1316, Nov. 30, 1993, 107 Stat. 1774, 1787, 1789; Pub. L. 103-337, div. A, title XI, § 1115(c), Oct. 5, 1994, 108 Stat. 2868, related to regional technology alliances assistance program.

A prior section 2513, added Pub. L. 101-510, div. A, title VIII, § 823(a)(3), Nov. 5, 1990, 104 Stat. 1601; amended Pub. L. 102-190, div. A, title II, § 203(c), Dec. 5, 1991, 105 Stat. 1314, required annual National Defense Manufacturing Technology Plan, prior to repeal by Pub. L. 102-484, § 4202(a).

§ 2514. Encouragement of technology transfer

(a) ENCOURAGEMENT OF TRANSFER REQUIRED.—The Secretary of Defense shall encourage, to the extent consistent with national security objectives, the transfer of technology between laboratories and research centers of the Department of Defense and other Federal agencies, State and local governments, colleges and universities, and private persons in cases that are likely to result in accomplishing the objectives set forth in section 2501(a) of this title.

(b) EXAMINATION AND IMPLEMENTATION OF METHODS TO ENCOURAGE TRANSFER.—The Secretary shall examine and implement methods, in addition to the encouragement referred to in subsection (a) and the program described in subsection (c), that are consistent with national security objectives and will enable Department of Defense personnel to promote technology transfer.

(c) PROGRAM TO ENCOURAGE DIVERSIFICATION OF DEFENSE LABORATORIES.—(1) The Secretary of Defense shall establish and implement a program to be known as the Federal Defense Laboratory Diversification Program (hereinafter in this subsection referred to as the “Program”). The purpose of the Program shall be to encourage greater cooperation in research and production activities carried out by defense laboratories and by private industry of the United States in order to enhance and improve the products of such research and production activities.

(2) Under the Program, the defense laboratories, in coordination with the Office of Technology Transfer in the Office of the Secretary of Defense, shall carry out cooperative activities with private industry in order to promote (by the use or exchange of patents, licenses, cooperative research and development agreements and other cooperative agreements, and the use of symposia, meetings, and other similar mechanisms) the transfer of defense or dual-use technologies from the defense laboratories to private industry, and the development and application of such technologies by the defense laboratories and private industry, for the purpose of the commercial utilization of such technologies by private industry.

(3) The Secretary of Defense shall develop and annually update a plan for each defense laboratory that participates in the Program under which plan the laboratory shall carry out cooperative activities with private industry to promote the transfers described in subsection (b).

(4) In this subsection, the term “defense laboratory” means any laboratory owned or oper-

ated by the Department of Defense that carries out research in fiscal year 1993 in an amount in excess of \$50,000,000.

(Added Pub. L. 102-484, div. D, title XLII, § 4224(a), Oct. 23, 1992, 106 Stat. 2682; amended Pub. L. 104-201, div. A, title VIII, § 829(f), Sept. 23, 1996, 110 Stat. 2614.)

PRIOR PROVISIONS

A prior section 2514, added Pub. L. 101-510, div. A, title VIII, § 823(a)(3), Nov. 5, 1990, 104 Stat. 1601, directed Secretary of Defense to enhance research relating to manufacturing technology, prior to repeal by Pub. L. 102-484, § 4202(a).

Provisions similar to those in subsecs. (a) and (b) of this section were contained in section 2363 of this title prior to repeal by Pub. L. 102-484, §§ 4224(c), 4271(a)(2).

AMENDMENTS

1996—Subsec. (c)(5). Pub. L. 104-201 struck out par. (5) which read as follows: “The Secretary shall coordinate the Program with the National Defense Technology and Industrial Base Council.”

NATIONAL ACTION PLAN ON ADVANCED SUPERCONDUCTIVITY RESEARCH AND DEVELOPMENT

Superconductivity research and development activities by Secretary of Defense and by Defense Advanced Research Projects Agency, see section 5207 of Title 15, Commerce and Trade.

TECHNOLOGY TRANSFER TO PRIVATE SECTOR

Pub. L. 100-180, div. A, title II, § 218(c), Dec. 4, 1987, 101 Stat. 1053, as amended by Pub. L. 103-160, div. A, title IX, § 904(f), Nov. 30, 1993, 107 Stat. 1729; Pub. L. 106-65, div. A, title IX, § 911(a)(1), Oct. 5, 1999, 113 Stat. 717, provided that:

“(1) The Secretary of Defense, acting through the Under Secretary of Defense for Acquisition, Technology, and Logistics, shall take appropriate action to ensure that high-temperature superconductivity technology resulting from the research activities of the Department of Defense is transferred to the private sector. Such transfer shall be made in accordance with section 10(e) of the Stevenson-Wylder Technology Innovation Act of 1980 (15 U.S.C. 3710(e)), other applicable provisions of law, and Executive Order Number 12591, dated April 10, 1987 [set out as a note under 15 U.S.C. 3710].

“(2) The Secretary of Energy, in consultation with the Under Secretary of Defense for Acquisition, Technology, and Logistics, shall ensure that the national laboratories of the Department of Energy participate, to the maximum appropriate extent, in the transfer to the private sector of technology developed under the Department of Defense superconductivity program in the national laboratories.”

§ 2515. Office of Technology Transition

(a) ESTABLISHMENT.—The Secretary of Defense shall establish within the Office of the Secretary of Defense an Office of Technology Transition.

(b) PURPOSE.—The purpose of the office shall be to ensure, to the maximum extent practicable, that technology developed for national security purposes is integrated into the private sector of the United States in order to enhance national technology and industrial base, reinvestment, and conversion activities consistent with the objectives set forth in section 2501(a) of this title.

(c) DUTIES.—The head of the office shall ensure that the office—

(1) monitors all research and development activities that are carried out by or for the military departments and Defense Agencies;

(2) identifies all such research and development activities that use technologies, or result in technological advancements, having potential nondefense commercial applications;

(3) serves as a clearinghouse for, coordinates, and otherwise actively facilitates the transition of such technologies and technological advancements from the Department of Defense to the private sector;

(4) conducts its activities in consultation and coordination with the Department of Energy and the Department of Commerce; and

(5) provides private firms with assistance to resolve problems associated with security clearances, proprietary rights, and other legal considerations involved in such a transition of technology.

(Added Pub. L. 102-484, div. D, title XLII, § 4225(a), Oct. 23, 1992, 106 Stat. 2683; amended Pub. L. 104-106, div. A, title XV, § 1502(a)(22), Feb. 10, 1996, 110 Stat. 505; Pub. L. 106-65, div. A, title X, § 1067(1), Oct. 5, 1999, 113 Stat. 774; Pub. L. 108-136, div. A, title X, § 1031(a)(23), Nov. 24, 2003, 117 Stat. 1598; Pub. L. 108-375, div. A, title X, § 1084(b)(3), Oct. 28, 2004, 118 Stat. 2060; Pub. L. 112-81, div. A, title X, § 1061(18), Dec. 31, 2011, 125 Stat. 1584.)

PRIOR PROVISIONS

A prior section 2515, added Pub. L. 101-510, div. A, title VIII, § 823(a)(3), Nov. 5, 1990, 104 Stat. 1602, related to computer-integrated manufacturing technology, prior to repeal by Pub. L. 102-484, § 4202(a).

AMENDMENTS

2011—Subsec. (d). Pub. L. 112-81 struck out subsec. (d). Prior to amendment, text read as follows: “The Secretary of Defense shall submit to the congressional defense committees a biennial report on the activities of the Office. The report shall be submitted each even-numbered year at the same time that the budget is submitted to Congress by the President pursuant to section 1105 of title 31. The report shall contain a discussion of the accomplishments of the Office during the two fiscal years preceding the fiscal year in which the report is submitted.”

2004—Subsec. (d). Pub. L. 108-375 struck out par. (1) designation before “The Secretary”, substituted “congressional defense committees” for “congressional committees specified in paragraph (2)”, and struck out par. (2) which read as follows: “The committees referred to in paragraph (1) are—

“(A) the Committee on Armed Services and the Committee on Appropriations of the Senate; and

“(B) the Committee on Armed Services and the Committee on Appropriations of the House of Representatives.”

2003—Subsec. (d). Pub. L. 108-136, § 1031(a)(23)(A), substituted “Biennial” for “Annual” in heading.

Subsec. (d)(1). Pub. L. 108-136, § 1031(a)(23)(B), substituted “a biennial report” for “an annual report” in first sentence, “each even-numbered year” for “each year” in second sentence, and “during the two fiscal years” for “during the fiscal year” in third sentence.

1999—Subsec. (d)(2)(B). Pub. L. 106-65 substituted “Committee on Armed Services” for “Committee on National Security”.

1996—Subsec. (d). Pub. L. 104-106 substituted “Annual Report” for “Reporting Requirement” in heading, designated existing provisions as par. (1), substituted “The Secretary of Defense shall submit to the congressional committees specified in paragraph (2) an annual report on the activities of the Office. The report shall be submitted each year at the same time” for “The Secretary of Defense shall submit to the Committees on Armed