

tems, if a foreign actor degrades, denies access to, or destroys United States national security space capabilities.

“(2) BIENNIAL UPDATE.—Not later than March 15 of each even-numbered year after 2008, the Secretary of Defense, in conjunction with the Director of National Intelligence, shall submit to Congress an update to the report required by paragraph (1).

“(3) CLASSIFICATION.—The report required by paragraph (1), and each update required by paragraph (2), shall be in unclassified form, but may include a classified annex.”

[For termination, effective Dec. 31, 2021, of reporting provisions in section 911(f)(2) of Pub. L. 110–181, set out above, see section 1061 of Pub. L. 114–328, set out as a note under section 111 of this title.]

MAINTENANCE OF CAPABILITY FOR SPACE-BASED NUCLEAR DETECTION

Pub. L. 110–181, div. A, title X, §1065, Jan. 28, 2008, 122 Stat. 324, provided that: “The Secretary of Defense shall maintain the capability for space-based nuclear detection at a level that meets or exceeds the level of capability as of the date of the enactment of this Act [Jan. 28, 2008].”

SPACE SITUATIONAL AWARENESS STRATEGY AND SPACE CONTROL MISSION REVIEW

Pub. L. 109–163, div. A, title IX, §911, Jan. 6, 2006, 119 Stat. 3405, required the Secretary of Defense to develop a “Space Situational Awareness Strategy” for ensuring freedom to operate United States space assets affecting national security, and to provide for a review and assessment of the requirements of the Department of Defense for the space control mission, prior to repeal by Pub. L. 110–181, div. A, title IX, §911(g), Jan. 28, 2008, 122 Stat. 280.

SPACE PERSONNEL CAREER FIELDS

Pub. L. 108–136, div. A, title V, §547, Nov. 24, 2003, 117 Stat. 1480, as amended by Pub. L. 108–271, §8(b), July 7, 2004, 118 Stat. 814, provided that:

“(a) STRATEGY REQUIRED.—The Secretary of Defense shall develop a strategy for the Department of Defense that will—

“(1) promote the development of space personnel career fields within each of the military departments; and

“(2) ensure that the space personnel career fields developed by the military departments are integrated with each other to the maximum extent practicable.

“(b) REPORT.—Not later than February 1, 2004, the Secretary shall submit to the Committees on Armed Services of the Senate and the House of Representatives a report on the strategy developed under subsection (a). The report shall include the following:

“(1) A statement of the strategy developed under subsection (a), together with an explanation of that strategy.

“(2) An assessment of the measures required for the Department of Defense and the military departments to integrate the space personnel career fields of the military departments.

“(3) A comprehensive assessment of the adequacy of the actions of the Secretary of Air Force pursuant to section 8084 of title 10, United States Code, to establish for Air Force officers a career field for space.

“(c) GOVERNMENT ACCOUNTABILITY OFFICE REVIEW AND REPORTS.—(1) The Comptroller General shall review the strategy developed under subsection (a) and the status of efforts by the military departments in developing space personnel career fields.

“(2) The Comptroller General shall submit to the committees referred to in subsection (b) two reports on the review under paragraph (1), as follows:

“(A) Not later than June 15, 2004, the Comptroller General shall submit a report that assesses how effective that Department of Defense strategy and the efforts by the military departments, when imple-

mented, are likely to be for developing the personnel required by each of the military departments who are expert in development of space doctrine and concepts of space operations, the development of space systems, and operation of space systems.

“(B) Not later than March 15, 2005, the Comptroller General shall submit a report that assesses, as of the date of the report—

“(i) the effectiveness of that Department of Defense strategy and the efforts by the military departments in developing the personnel required by each of the military departments who are expert in development of space doctrine and concepts of space operations, the development of space systems, and in operation of space systems; and

“(ii) progress made in integrating the space career fields of the military departments.”

COMPTROLLER GENERAL ASSESSMENT OF IMPLEMENTATION OF RECOMMENDATIONS OF SPACE COMMISSION

Pub. L. 107–107, div. A, title IX, §914, Dec. 28, 2001, 115 Stat. 1197, directed the Comptroller General to carry out an assessment through Feb. 15, 2003, of the actions taken by the Secretary of Defense in implementing the recommendations in the report of the Space Commission submitted to Congress pursuant to Pub. L. 106–65, §1623, formerly set out as a note under section 111 of this title, that were applicable to the Department of Defense, and to submit reports to committees of Congress, not later than Feb. 15, 2002, and Feb. 15, 2003, setting forth the results of the assessment.

§ 2272. Space science and technology strategy: coordination

The Secretary of Defense and the Director of National Intelligence shall jointly develop and implement a space science and technology strategy and shall review and, as appropriate, revise the strategy biennially. Functions of the Secretary under this section shall be carried out jointly by the Assistant Secretary of Defense for Research and Engineering and the official of the Department of Defense designated as the Department of Defense Executive Agent for Space.

(Added Pub. L. 108–136, div. A, title IX, §911(a)(1), Nov. 24, 2003, 117 Stat. 1563; amended Pub. L. 111–84, div. A, title IX, §911(a)(1)–(3), Oct. 28, 2009, 123 Stat. 2428, 2429; Pub. L. 111–383, div. A, title IX, §901(j)(2), Jan. 7, 2011, 124 Stat. 4324; Pub. L. 114–92, div. A, title XVI, §1604, Nov. 25, 2015, 129 Stat. 1098.)

PRIOR PROVISIONS

A prior section 2272, act Aug. 10, 1956, ch. 1041, 70A Stat. 124, related to contracts to obtain designs submitted in design competitions, prior to repeal by Pub. L. 103–160, div. A, title VIII, §821(a)(1), Nov. 30, 1993, 107 Stat. 1704.

AMENDMENTS

2015—Pub. L. 114–92 amended section generally. Prior to amendment, section consisted of subsecs. (a) to (c) relating to space science and technology strategy, required coordination, and definitions.

2011—Subsecs. (a), (b). Pub. L. 111–383 substituted “Assistant Secretary of Defense for Research and Engineering” for “Director of Defense Research and Engineering” wherever appearing.

2009—Subsec. (a)(1). Pub. L. 111–84, §911(a)(1), substituted “The Secretary of Defense and the Director of National Intelligence shall jointly develop” for “The Secretary of Defense shall develop”.

Subsec. (a)(2)(D). Pub. L. 111–84, §911(a)(2), added subpar. (D).

Subsec. (a)(5). Pub. L. 111–84, §911(a)(3), amended par. (5) generally. Prior to amendment, par. (5) read as fol-

lows: “The strategy shall be available for review by the congressional defense committees.”

EFFECTIVE DATE OF 2011 AMENDMENT

Amendment by Pub. L. 111-383 effective Jan. 1, 2011, see section 901(p) of Pub. L. 111-383, set out as a note under section 131 of this title.

INITIAL REPORT

Pub. L. 111-84, div. A, title IX, §911(a)(4), Oct. 28, 2009, 123 Stat. 2429, required the first space science and technology strategy required to be submitted under former 10 U.S.C. 2272(a)(5) to be submitted on the date on which the President submitted to Congress the budget for fiscal year 2012 under 31 U.S.C. 1105.

§ 2273. Policy regarding assured access to space: national security payloads

(a) **POLICY.**—It is the policy of the United States for the President to undertake actions appropriate to ensure, to the maximum extent practicable, that the United States has the capabilities necessary to launch and insert United States national security payloads into space whenever such payloads are needed in space.

(b) **INCLUDED ACTIONS.**—The appropriate actions referred to in subsection (a) shall include, at a minimum, providing resources and policy guidance to sustain—

(1) the availability of at least two space launch vehicles (or families of space launch vehicles) capable of delivering into space any payload designated by the Secretary of Defense or the Director of National Intelligence as a national security payload; and

(2) a robust space launch infrastructure and industrial base.

(c) **COORDINATION.**—The Secretary of Defense shall, to the maximum extent practicable, pursue the attainment of the capabilities described in subsection (a) in coordination with the Administrator of the National Aeronautics and Space Administration.

(Added Pub. L. 108-136, div. A, title IX, §912(a)(1), Nov. 24, 2003, 117 Stat. 1565; Pub. L. 110-181, div. A, title IX, §931(a)(12), Jan. 28, 2008, 122 Stat. 285; Pub. L. 110-417, [div. A], title IX, §932(a)(11), Oct. 14, 2008, 122 Stat. 4576; Pub. L. 111-84, div. A, title X, §1073(c)(10), Oct. 28, 2009, 123 Stat. 2475.)

PRIOR PROVISIONS

A prior section 2273, acts Aug. 10, 1956, ch. 1041, 70A Stat. 125; Apr. 2, 1982, Pub. L. 97-164, title I, §160(a)(4), 96 Stat. 48; Oct. 29, 1992, Pub. L. 102-572, title IX, §902(b)(1), 106 Stat. 4516, related to right of United States to designs, rights of designers to patents, and rights to sue United States, prior to repeal by Pub. L. 103-160, div. A, title VIII, §821(a)(1), Nov. 30, 1993, 107 Stat. 1704.

AMENDMENTS

2009—Subsec. (b)(1). Pub. L. 111-84 repealed Pub. L. 110-417, §932(a)(11). See 2008 Amendment note below.

2008—Subsec. (b)(1). Pub. L. 110-181 and Pub. L. 110-417, §932(a)(11), amended par. (1) identically, substituting “Director of National Intelligence” for “Director of Central Intelligence”. Pub. L. 110-417, §932(a)(11), was repealed by Pub. L. 111-84.

EFFECTIVE DATE OF 2009 AMENDMENT

Pub. L. 111-84, div. A, title X, §1073(c), Oct. 28, 2009, 123 Stat. 2474, provided that the amendment made by section 1073(c)(10) is effective as of Oct. 14, 2008, and as if included in Pub. L. 110-417 as enacted.

ACQUISITION STRATEGY FOR EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM

Pub. L. 114-92, div. A, title XVI, §1608, Nov. 25, 2015, 129 Stat. 1100, provided that:

“(a) **TREATMENT OF CERTAIN ARRANGEMENT.**—

“(1) **DISCONTINUATION.**—The Secretary of the Air Force shall discontinue the evolved expendable launch vehicle launch capability arrangement, as structured as of the date of the enactment of this Act [Nov. 25, 2015], for—

“(A) existing contracts using rocket engines designed or manufactured in the Russian Federation by not later than December 31, 2019; and

“(B) existing contracts using domestic rocket engines by not later than December 31, 2020.

“(2) **WAIVER.**—The Secretary may waive paragraph (1) if the Secretary—

“(A) determines that such waiver is necessary for the national security interests of the United States;

“(B) notifies the congressional defense committees [Committees on Armed Services and Appropriations of the Senate and the House of Representatives] of such waiver; and

“(C) a period of 90 days has elapsed following the date of such notification.

“(b) **CONSISTENT STANDARDS.**—In accordance with section 2306a of title 10, United States Code, the Secretary shall—

“(1) apply consistent and appropriate standards to certified evolved expendable launch vehicle providers with respect to certified cost and pricing data; and

“(2) conduct the appropriate audits.

“(c) **ACQUISITION STRATEGY.**—In accordance with subsections (a) and (b) and section 2273 of title 10, United States Code, the Secretary shall develop and carry out a 10-year phased acquisition strategy, including near and long term, for the evolved expendable launch vehicle program.

“(d) **ELEMENTS.**—The acquisition strategy under subsection (c) for the evolved expendable launch vehicle program shall—

“(1) provide the necessary—

“(A) stability in budgeting and acquisition of capabilities;

“(B) flexibility to the Federal Government; and

“(C) procedures for fair competition; and

“(2) specifically take into account, as appropriate per competition, the effect of—

“(A) contracts or agreements for launch services or launch capability entered into by the Department of Defense and the National Aeronautics and Space Administration with certified evolved expendable launch vehicle providers;

“(B) the requirements of the Department of Defense, including with respect to launch capabilities and pricing data, that are met by such providers;

“(C) the cost of integrating a satellite onto a launch vehicle; and

“(D) any other matters the Secretary considers appropriate.

“(e) **COMPETITION.**—In awarding any contract for launch services in a national security space mission pursuant to a competitive acquisition, the evaluation shall account for the value of the evolved expendable launch vehicle launch capability arrangement per contract line item numbers in the bid price of the offeror as appropriate per launch.

“(f) **REPORT.**—Not later than 180 days after the date of the enactment of this Act, the Secretary shall submit to the congressional defense committees, the Permanent Select Committee on Intelligence of the House of Representatives, and the Select Committee on Intelligence of the Senate a report on the acquisition strategy developed under subsection (c).”

ROCKET PROPULSION SYSTEM DEVELOPMENT PROGRAM

Pub. L. 113-291, div. A, title XVI, §1604, Dec. 19, 2014, 128 Stat. 3623, as amended by Pub. L. 114-92, div. A, title