

ance with the requirements of subsection (c) periodically or when requested by the Secretary of Defense, the Under Secretary of Defense for Acquisition, Technology and Logistics, the Secretary of a military department, or the head of a Defense Agency.

(2) Conducting root cause analyses for major defense acquisition programs in accordance with the requirements of subsection (d) when required by section 2433a(a)(1) of this title, or when requested by the Secretary of Defense, the Under Secretary of Defense for Acquisition, Technology and Logistics, the Secretary of a military department, or the head of a Defense Agency.

(3) Issuing policies, procedures, and guidance governing the conduct of performance assessments and root cause analyses by the military departments and the Defense Agencies.

(4) Evaluating the utility of performance metrics used to measure the cost, schedule, and performance of major defense acquisition programs, and making such recommendations to the Secretary of Defense as the official considers appropriate to improve such metrics.

(5) Advising acquisition officials on performance issues regarding a major defense acquisition program that may arise—

(A) before certification under section 2433a of this title;

(B) before entry into full-rate production; or

(C) in the course of consideration of any decision to request authorization of a multi-year procurement contract for the program.

(c) PERFORMANCE ASSESSMENTS.—For purposes of this section, a performance assessment with respect to a major defense acquisition program is an evaluation of the following:

(1) The cost, schedule, and performance of the program, relative to current metrics, including performance requirements and baseline descriptions.

(2) The extent to which the level of program cost, schedule, and performance predicted relative to such metrics is likely to result in the timely delivery of a level of capability to the warfighter that is consistent with the level of resources to be expended and provides superior value to alternative approaches that may be available to meet the same military requirement.

(d) ROOT CAUSE ANALYSES.—For purposes of this section and section 2433a of this title, a root cause analysis with respect to a major defense acquisition program is an assessment of the underlying cause or causes of shortcomings in cost, schedule, or performance of the program, including the role, if any, of—

(1) unrealistic performance expectations;

(2) unrealistic baseline estimates for cost or schedule;

(3) immature technologies or excessive manufacturing or integration risk;

(4) unanticipated design, engineering, manufacturing, or technology integration issues arising during program performance;

(5) changes in procurement quantities;

(6) inadequate program funding or funding instability;

(7) poor performance by government or contractor personnel responsible for program management; or

(8) any other matters.

(e) SUPPORT OF APPLICABLE CAPABILITIES AND EXPERTISE.—The Secretary of Defense shall ensure that the senior official designated under subsection (a) has the support of other Department of Defense officials with relevant capabilities and expertise needed to carry out the requirements of this section.

(Added and amended Pub. L. 111-383, div. A, title IX, §901(d), (k)(1)(F), Jan. 7, 2011, 124 Stat. 4321, 4325; Pub. L. 112-239, div. A, title X, §1076(f)(27), Jan. 2, 2013, 126 Stat. 1953; Pub. L. 114-92, div. A, title X, §1077(b), Nov. 25, 2015, 129 Stat. 998.)

#### CODIFICATION

Section 103 of Pub. L. 111-23, formerly set out as a note under section 2430 of this title, which was transferred to this chapter, renumbered as this section, and amended by Pub. L. 111-383, §901(d), (k)(1)(F), was based on Pub. L. 111-23, title I, §103, May 22, 2009, 123 Stat. 1715.

#### PRIOR PROVISIONS

A prior section 2438, added Pub. L. 102-484, div. A, title VIII, §821(a)(1)(B), Oct. 23, 1992, 106 Stat. 2459; amended Pub. L. 103-160, div. A, title IX, §904(d)(1), Nov. 30, 1993, 107 Stat. 1728, required competitive prototyping of major weapon systems and subsystems prior to development under major defense acquisition program, prior to repeal by Pub. L. 103-355, title III, §3006(a), Oct. 13, 1994, 108 Stat. 3331.

Another prior section 2438 was renumbered section 2439 of this title.

#### AMENDMENTS

2015—Subsec. (f). Pub. L. 114-92 struck out subsec. (f) which related to annual report.

2013—Subsec. (a)(3). Pub. L. 112-239 inserted “the senior” before “official’s”.

2011—Pub. L. 111-383, §901(k)(1)(F), substituted “Performance assessments and root cause analyses” for “PERFORMANCE ASSESSMENTS AND ROOT CAUSE ANALYSES FOR MAJOR DEFENSE ACQUISITION PROGRAMS” in section catchline.

Pub. L. 111-383, §901(d), transferred section 103 of Pub. L. 111-23 to this chapter and renumbered it as this section. See Codification note above.

Subsec. (b)(2). Pub. L. 111-383, §901(d)(1), substituted “section 2433a(a)(1) of this title” for “section 2433a(a)(1) of title 10, United States Code (as added by section 206(a) of this Act)”.

Subsec. (b)(5)(A). Pub. L. 111-383, §901(d)(2), substituted “before” for “prior to” and “section 2433a of this title” for “section 2433a of title 10, United States Code (as so added)”.

Subsec. (b)(5)(B). Pub. L. 111-383, §901(d)(2)(B), substituted “before” for “prior to”.

Subsec. (d). Pub. L. 111-383, §901(d)(3), substituted “section 2433a of this title” for “section 2433a of title 10, United States Code (as so added)” in introductory provisions.

Subsec. (f). Pub. L. 111-383, §901(d)(4), struck out “beginning in 2010,” after “each year,”.

#### EFFECTIVE DATE

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

**[§ 2439. Repealed. Pub. L. 103-355, title III, § 3007(a), Oct. 13, 1994, 108 Stat. 3331]**

Section 2439, added Pub. L. 99-145, title IX, §912(a)(1), Nov. 8, 1985, 99 Stat. 685, §2305a; amended Pub. L. 99-433,

title I, § 110(g)(3), Oct. 1, 1986, 100 Stat. 1004; renumbered § 2438 and amended Pub. L. 100-26, § 7(b)(9)(A), (k)(2), Apr. 21, 1987, 101 Stat. 280, 284; Pub. L. 101-510, div. A, title VIII, § 805, Nov. 5, 1990, 104 Stat. 1591; renumbered § 2439, Pub. L. 102-484, div. A, title VIII, § 821(a)(1)(A), Oct. 23, 1992, 106 Stat. 2459, directed Secretary of Defense, before full-scale development under major program began, to prepare acquisition strategy which ensured that contracts for each major program, including each major subsystem under program, were awarded in accordance with acquisition strategy, and granted Secretary option of using competitive alternative sources for major programs and major subsystems throughout period.

#### § 2440. Technology and industrial base plans

The Secretary of Defense shall prescribe regulations requiring consideration of the national technology and industrial base, in accordance with the strategy required by section 2501 of this title, in the development and implementation of acquisition plans for each major defense acquisition program.

(Added Pub. L. 102-484, div. D, title XLII, § 4216(b)(1), Oct. 23, 1992, 106 Stat. 2669; amended Pub. L. 109-364, div. A, title X, § 1071(a)(17), Oct. 17, 2006, 120 Stat. 2399; Pub. L. 112-239, div. A, title XVI, § 1603(c), Jan. 2, 2013, 126 Stat. 2063.)

##### AMENDMENTS

2013—Pub. L. 112-239 inserted “, in accordance with the strategy required by section 2501 of this title,” after “base”.

2006—Pub. L. 109-364 substituted “industrial base plans” for “Industrial Base Plans” in section catchline.

#### CHAPTER 144A—MAJOR AUTOMATED INFORMATION SYSTEM PROGRAMS

Sec.

- 2445a. Definitions.
- 2445b. Cost, schedule, and performance information.
- 2445c. Reports: quarterly reports; reports on program changes.
- 2445d. Construction with other reporting requirements.

##### AMENDMENTS

2008—Pub. L. 110-417, [div. A], title VIII, § 812(a)(3), Oct. 14, 2008, 122 Stat. 4525, added item 2445a and struck out former item 2445a “Major automated information system program defined”.

#### § 2445a. Definitions

(a) MAJOR AUTOMATED INFORMATION SYSTEM PROGRAM.—In this chapter, the term “major automated information system program” means a Department of Defense program for the acquisition of an automated information system (either as a product or a service) if—

(1) the program is designated by the Secretary of Defense, or a designee of the Secretary, as a major automated information system program; or

(2) the dollar value of the program is estimated to exceed—

(A) \$32,000,000 in fiscal year 2000 constant dollars for all program costs in a single fiscal year;

(B) \$126,000,000 in fiscal year 2000 constant dollars for all program acquisition costs for the entire program; or

(C) \$378,000,000 in fiscal year 2000 constant dollars for the total life-cycle costs of the

program (including operation and maintenance costs).

(b) ADJUSTMENT.—The Secretary of Defense may adjust the amounts (and base fiscal year) set forth in subsection (a) on the basis of Department of Defense escalation rates. An adjustment under this subsection shall be effective after the Secretary transmits a written notification of the adjustment to the congressional defense committees.

(c) INCREMENTS.—In the event any increment of a major automated information system program separately meets the requirements for treatment as a major automated information system program, the provisions of this chapter shall apply to such increment as well as to the overall major automated information system program of which such increment is a part.

(d) OTHER MAJOR INFORMATION TECHNOLOGY INVESTMENT PROGRAM.—In this chapter, the term “other major information technology investment program” means the following:

(1) An investment that is designated by the Secretary of Defense, or a designee of the Secretary, as a “pre-Major Automated Information System” or “pre-MAIS” program.

(2) Any other investment in automated information system products or services that is expected to exceed the thresholds established in subsection (a), as adjusted under subsection (b), but is not considered to be a major automated information system program because a formal acquisition decision has not yet been made with respect to such investment.

(e) FULL DEPLOYMENT DECISION.—In this chapter, the term “full deployment decision” means, with respect to a major automated information system program, the final decision made by the Milestone Decision Authority authorizing an increment of the program to deploy software for operational use.

(f) FULL DEPLOYMENT.—In this chapter, the term “full deployment” means, with respect to a major automated information system program, the fielding of an increment of the program in accordance with the terms of a full deployment decision.

(g) EXTENSION OF A PROGRAM.—In this chapter, the term “extension of a program” means, with respect to a major automated information system program or other major information technology investment program, the further deployment or planned deployment to additional users of the system which has already been found operationally effective and suitable by an independent test agency or the Director of Operational Test and Evaluation, beyond the scope planned in the original estimate or information originally submitted on the program.

(Added Pub. L. 109-364, div. A, title VIII, § 816(a)(1), Oct. 17, 2006, 120 Stat. 2323; amended Pub. L. 110-417, [div. A], title VIII, § 812(a)(1), (2), Oct. 14, 2008, 122 Stat. 4525; Pub. L. 111-84, div. A, title VIII, § 841(c), Oct. 28, 2009, 123 Stat. 2418; Pub. L. 113-66, div. A, title X, § 1092(a), Dec. 26, 2013, 127 Stat. 877.)

##### AMENDMENTS

2013—Subsec. (g). Pub. L. 113-66 added subsec. (g).

2009—Subsecs. (e), (f). Pub. L. 111-84 added subsecs. (e) and (f).