

(2) The establishment and operation of associated joint electromagnetic spectrum operations cells.

(3) The development of a capability for modeling and simulating multi-domain joint electromagnetic spectrum operations to—

(A) assess the ability of the joint force to conduct such operations in support of the operational plans of the combatant commands; and

(B) inform improvements to such operations.

(Added Pub. L. 118–31, div. A, title XVI, § 1682(a), Dec. 22, 2023, 137 Stat. 615, § 503; renumbered § 500c and amended Pub. L. 118–159, div. A, title XVI, § 1653, title XVII, § 1701(a)(10), Dec. 23, 2024, 138 Stat. 2201, 2203.)

Editorial Notes

AMENDMENTS

2024—Pub. L. 118–159, § 1701(a)(10), renumbered section 503 of this title, relating to the annual assessment of the budget with respect to electromagnetic spectrum operations capabilities, as this section.

Par. (3). Pub. L. 118–159, § 1653, added par. (3).

§ 500d. Electromagnetic spectrum superiority implementation plan

(a) IN GENERAL.—The Chief Information Officer of the Department of Defense shall be responsible for oversight of the electromagnetic superiority implementation plan.

(b) REPORT REQUIRED.—Concurrent with the submission of the budget of the President to Congress under section 1105(a) of title 31 for each of fiscal years 2025 through 2029, the Chief Information Officer shall submit to the congressional defense committees a report that includes the following with respect to the electromagnetic superiority implementation plan:

(1) The implementation plan in effect as of the date of the report, noting any revisions from the preceding plan.

(2) A statement of the elements of the implementation plan that have been achieved.

(3) For each element that has been achieved, an assessment of whether the element is having its intended effect.

(4) For any element that has not been achieved, an assessment of progress made in achieving the element, including a description of any obstacles that may hinder further progress.

(5) For any element that has been removed from the implementation plan, a description of the reason for the removal of the element and an assessment of the impact of not pursuing achievement of the element.

(6) Such additional matters as the Chief Information Officer considers appropriate.

(c) ELECTROMAGNETIC SUPERIORITY IMPLEMENTATION PLAN DEFINED.—In this section, the term “electromagnetic superiority implementation plan” means the Electromagnetic Superiority Implementation Plan signed by the Secretary of Defense on July 15, 2021, and any successor plan.

(Added Pub. L. 118–31, div. A, title XVI, § 1682(a), Dec. 22, 2023, 137 Stat. 615, § 504; renumbered § 500d, Pub. L. 118–159, div. A, title XVII, § 1701(a)(10), Dec. 23, 2024, 138 Stat. 2203.)

Editorial Notes

AMENDMENTS

2024—Pub. L. 118–159 renumbered section 504 of this title, relating to an electromagnetic spectrum superiority implementation plan, as this section.

§ 500e. Electromagnetic Spectrum Enterprise Operational Lead for Joint Electromagnetic Spectrum Operations

(a) IN GENERAL.—Not later than 30 days after the date of the enactment of the National Defense Authorization Act for Fiscal Year 2024, the Secretary of Defense shall establish an Electromagnetic Spectrum Enterprise Operational Lead for Joint Electromagnetic Spectrum Operations (in this section referred to as the “operational lead”) at the United States Strategic Command. The operational lead shall report to the Commander of the United States Strategic Command.

(b) FUNCTION.—The operational lead shall be responsible for synchronizing, assessing, and making recommendations to the Chairman of the Joint Chiefs of Staff with respect to the readiness of the combatant commands to conduct joint electromagnetic spectrum operations.

(c) BRIEFINGS REQUIRED.—Concurrent with the submission of the budget of the President to Congress under section 1105(a) of title 31 for each of fiscal years 2025 through 2029, the Chairman, acting through the operational lead, shall provide to the congressional defense committees a briefing on the following:

(1) Progress made in achieving full operational capability to conduct joint electromagnetic spectrum operations and any impediments to achieving such capability.

(2) The readiness of the combatant commands to conduct such operations.

(3) Recommendations for overcoming any deficiencies in the readiness of the combatant commands to conduct such operations and any material gaps contributing to such deficiencies.

(4) Such other matters as the Chairman considers important to ensuring that the combatant commands are capable of conducting such operations.

(Added Pub. L. 118–31, div. A, title XVI, § 1682(a), Dec. 22, 2023, 137 Stat. 616, § 505; renumbered § 500e, Pub. L. 118–159, div. A, title XVII, § 1701(a)(10), Dec. 23, 2024, 138 Stat. 2203.)

Editorial Notes

REFERENCES IN TEXT

The date of the enactment of the National Defense Authorization Act for Fiscal Year 2024, referred to in subsec. (a), is the date of enactment of Pub. L. 118–31, which was approved Dec. 22, 2023.

AMENDMENTS

2024—Pub. L. 118–159 renumbered section 505 of this title, relating to establishment of an Electromagnetic Spectrum Enterprise Operational Lead for Joint Electromagnetic Spectrum Operations, as this section.

§ 500f. Evaluations of abilities of armed forces and combatant commands to perform electromagnetic spectrum operations missions

(a) EVALUATIONS OF ARMED FORCES.—(1) Not later than October 1, 2024, and annually there-

after through 2029, the Chief of Staff of the Army, the Chief of Naval Operations, the Chief of Staff of the Air Force, the Commandant of the Marine Corps, and the Chief of Space Operations shall each carry out an evaluation of the ability of the armed force concerned to perform electromagnetic spectrum operations missions required by each of the following:

(A) The Electromagnetic Spectrum Superiority Strategy.

(B) The Joint Staff-developed concept of operations for electromagnetic spectrum operations.

(C) The operations and contingency plans of the combatant commands.

(2) Not later than December 31 of each year in which evaluations are required under paragraph (1), each official specified in that paragraph shall certify to the congressional defense committees that the evaluation required to be carried out by that official has occurred.

(3) Each evaluation under paragraph (1) shall include an assessment of the following:

(A) Current programs of record, including—

(i) the ability of weapon systems to perform missions in contested electromagnetic spectrum environments; and

(ii) the ability of electromagnetic attack with capabilities to disrupt adversary operations.

(B) Future programs of record, including—

(i) the need for distributed or network-centric electromagnetic warfare and signals intelligence capabilities; and

(ii) the need for automated and machine learning- or artificial intelligence-assisted electromagnetic spectrum operations capabilities.

(C) Order of battle.

(D) Individual and unit training.

(E) Tactics, techniques, and procedures, including—

(i) maneuver, distribution of assets, and the use of decoys; and

(ii) integration of non-kinetic and kinetic fires.

(F) Other matters relevant to evaluating the ability of the armed force concerned to perform electromagnetic spectrum operations missions described in paragraph (1).

(b) EVALUATIONS OF COMBATANT COMMANDS.—

(1) Not later than October 1, 2024, and annually thereafter through 2029, the Chairman of the Joint Chiefs of Staff, acting through the Electromagnetic Spectrum Enterprise Operational Lead for Joint Electromagnetic Spectrum Operations established under section 500e¹ (in this section referred to as the “operational lead”), shall carry out an evaluation of the plans and posture of the combatant commands to execute the electromagnetic spectrum operations envisioned in each of the following:

(A) The Electromagnetic Spectrum Superiority Strategy.

(B) The Joint Staff-developed concept of operations for electromagnetic spectrum operations.

(2) Each evaluation under paragraph (1) shall include an assessment, as relevant, of the following:

(A) Operation and contingency plans.

(B) The manning, organizational alignment, and capability of joint electromagnetic spectrum operations cells.

(C) Mission rehearsal and exercises.

(D) Force positioning, posture, and readiness.

(3) Not later than December 31 of each year in which an evaluation is required under paragraph (A), the Chairman of the Joint Chiefs of Staff, acting through the operational lead, shall brief the congressional defense committees on the results of the evaluation.

(Added Pub. L. 118–31, div. A, title XVI, § 1682(a), Dec. 22, 2023, 137 Stat. 616, § 506; renumbered § 500f, Pub. L. 118–159, div. A, title XVII, § 1701(a)(10), Dec. 23, 2024, 138 Stat. 2203.)

Editorial Notes

AMENDMENTS

2024—Pub. L. 118–159 renumbered section 506 of this title, relating to evaluations of the abilities of armed forces and combatant commands to perform electromagnetic spectrum operations missions, as this section.

PART II—PERSONNEL

Table with 3 columns: Chap., Description, and Sec. listing various personnel-related sections and their corresponding section numbers.

¹So in original. Probably should refer to section 505 of this chapter.