§ 2364. Coordination and communication of defense research activities and technology domain awareness

(a) COORDINATION OF DEPARTMENT OF DEFENSE RESEARCH, DEVELOPMENT, AND TECHNOLOGICAL DATA.—The Secretary of Defense shall promote, monitor, and evaluate programs for the communication and exchange of research, development, and technological data—

(1) among the Defense research facilities, combatant commands, and other organizations that are involved in developing for the Department of Defense the technological requirements for new items for use by combat forces;

(2) among Defense research facilities and other offices, agencies, and bureaus in the Department that are engaged in related technological matters;

(3) among other research facilities and other departments or agencies of the Federal Government that are engaged in research, development, and technological matters;

(4) among private commercial, research institution, and university entities engaged in research, development, and technological matters potentially relevant to defense on a voluntary basis;

(5) to the extent practicable, to achieve full awareness of scientific and technological advancement and innovation wherever it may occur, whether funded by the Department of Defense, another element of the Federal Government, or other entities; and

(6) through development and distribution of clear technical communications to the public, military operators, acquisition organizations, and civilian and military decision-makers that conveys successes of research and engineering activities supported by the Department and the contributions of such activities to support national needs.

(b) FUNCTIONS OF DEFENSE RESEARCH FACILITIES.—The Secretary of Defense shall ensure, to the maximum extent practicable—

(1) that Defense research facilities are assigned broad mission requirements rather than specific hardware needs;

(2) that appropriate personnel of such facilities are assigned to serve as consultants on component and support system standardization;

(3) that the managers of such facilities have broad latitude to choose research and development projects based on awareness of activities throughout the technology domain, including within the Federal Government, the Department of Defense, public and private research institutions and universities, and the global commercial marketplace;

(4) that technology position and issue papers prepared by Defense research facilities are readily available to all components of the Department of Defense and to contractors who submit bids or proposals for Department of Defense contracts;

(5) that, in order to promote increased consideration of technological issues early in the

1So in original. Probably should be "convey".
development process, any technological assessment made by a Defense research facility shall be provided to the Defense Technical Information Center repository to support acquisition decisions; and

(6) that, in light of Defense research facilities being funded by the public, Defense research facilities are broadly authorized and encouraged to support national technological development goals and support technological missions of other departments and agencies of the Federal Government, when such support is determined by the Secretary of Defense to be in the best interests of the Federal Government.

(c) DEFINITIONS.—In this section, the term ‘Defense research facility’ means a Department of Defense facility which performs or contracts for the performance of—

(1) basic research; or

(2) applied research known as exploratory development.

Amendments


Subsec. (a), Pub. L. 114–92, §214(a)(1), added subsec. (a) and struck out former subsec. (a). Prior to amendment, text read as follows: “The Secretary of Defense shall promote, monitor, and evaluate programs for the communication and exchange of technological data—

‘(1) among the Defense research facilities, combatant commands, and other organizations that are involved in developing for the Department of Defense the technological requirements for new items for use by combat forces; and

‘(2) among Defense research facilities and other offices, agencies, and bureaus in the Department that are engaged in related technological matters.’”

Subsec. (b)(3), Pub. L. 114–92, §214(a)(2)(A), added par. (3) and struck out former par. (3) which read as follows: “that the managers of such facilities have broad latitude to choose research and development projects.”


2014—Subsec. (b)(4), Pub. L. 113–291, §223(a)(1), inserted “and issue” after “technology position” and substituted “components of the Department of Defense” for “combatant commands”.

Subsec. (b)(5), Pub. L. 113–291, §218(b)(B), substituted “any technological assessment made by a Defense research facility on a technological issue relating to a major weapon system, and any technological assessment made by such facility in the case of such component, is made a part of the records considered for the purpose of making acquisition program decisions.”

Subsec. (c), Pub. L. 113–291, §212(2), struck out “this section,” after “In”, substituted “this section, the term” for “(1) The term”, redesignated subpars. (A) and (B) former par. (1) as pars. (1) and (2), respectively, and realigned margins, and struck out par. (2) which read as follows: “The term ‘acquisition program decision’ has the meaning prescribed by the Secretary of Defense in regulations.”

1996—Subsec. (b)(5), Pub. L. 104–106, §805(1), substituted “acquisition program” for “milestone O, milestone I, and milestone II”.

Subsec. (c)(2) to (4), Pub. L. 104–106, §805(2), added par. (2) and struck out former paras. (2) to (4) which read as follows:

“(2) The term ‘milestone O decision’ means the decision made within the Department of Defense that there is a mission need for a new major weapon system and that research and development is to begin to meet such need.

“(3) The term ‘milestone I decision’ means the decision by an appropriate official of the Department of Defense selecting a new major weapon system concept and a program for demonstration and validation of such concept.

“(4) The term ‘milestone II decision’ means the decision by an appropriate official of the Department of Defense approving the full-scale development of a new major weapon system.”


Subsec. (b)(5), Pub. L. 100–180, §1231(10)(A), substituted “milestone O, milestone I, and milestone II decisions” for “milestone O, I, and II decisions”.

Subsec. (c)(2), Pub. L. 100–26, §8(1)(A), substituted “the decision” for “a decision”.

Subsec. (c)(3), Pub. L. 100–26, §8(1)(B), substituted “the decision by an appropriate official of the Department of Defense selecting” for “[a](the) selection by an appropriate official of the Department of Defense of”.

Subsec. (c)(4), Pub. L. 100–26, §8(1)(C), substituted “the decision by an appropriate official of the Department of Defense approving” for “approval by an appropriate official of the Department of Defense for”.

Effective Date of 1987 Amendment

Amendment by section 3(1)(A) of Pub. L. 100–26 applicable as if included in Pub. L. 99–661 when enacted on Nov. 14, 1986, see section 12(a) of Pub. L. 100–26, set out as a note under section 776 of this title.

Performance Review Process

Pub. L. 106–65, div. A, title IX, §913(b), Oct. 5, 1999, 113 Stat. 720, provided that: “Not later than 180 days after the date of the enactment of this Act [Oct. 5, 1999], the Secretary of Defense shall develop an appropriate performance review process for rating the quality and relevance of work performed by the Department of Defense laboratories. The process shall include customer evaluation and peer review by Department of Defense personnel and appropriate experts from outside the Department of Defense. The process shall provide for rating all laboratories of the Army, Navy, and Air Force on a consistent basis.”

Coordination of High-Temperature Superconductivity Research and Development


‘(A) coordinate the research and development activities of the Department of Defense relating to high-temperature superconductivity; and

‘(B) ensure that such research and development—

‘(1) is carried out by the laboratories having the high-temperature superconductivity research and development activities of the Department of Energy (in-
cluding the national laboratories of the Department of Energy), the National Science Foundation, the National Institute of Standards and Technology, and the National Aeronautics and Space Administration; and

“(ii) complements rather than duplicates such activities.”

COORDINATION OF RESEARCH ACTIVITIES OF DEPARTMENT OF DEFENSE


“(a) PURPOSE.—The purpose of this section is to

strenthen coordination among Department of Defense

research facilities and other organizations in the De-

partment of Defense.

“(b) FINDINGS.—The Congress finds that centralized

coordination of the collection and dissemination of
technological data among research facilities and other

organizations within the Department of Defense is nec-

essary—

“(1) to ensure that personnel of the Department are
currently informed about emerging technology for
defense systems; and

“(2) to avoid unnecessary and costly duplication of

research staffs and projects.”

§ 2365. Global Research Watch Program

(a) PROGRAM.—The Assistant Secretary of De-

fense for Research and Engineering shall carry out a

Global Research Watch program in accord-

ance with this section.

(b) PROGRAM GOALS.—The goals of the pro-

gram are as follows:

(1) To monitor and analyze the basic and ap-
plied research activities and capabilities of

foreign nations and private sector persons in
_areas of military interest, including allies and

competitors.

(2) To provide standards for comparison and

comparative analysis of research capabilities of

foreign nations and private sector persons

in relation to the research capabilities of the

United States.

(3) To assist Congress and Department of De-

fense officials in making investment decisions

for research in technical areas where the United

States may not be the global leader.

(4) To identify areas where significant oppor-
tunities for cooperative research may exist.

(5) To coordinate and promote the inter-
national cooperative research and analysis ac-
tivities of each of the armed forces and De-

fense Agencies.

(6) To establish and maintain an electronic
database on international research capabili-
ties, comparative assessments of capabilities,

cooperative research opportunities, and on-
going cooperative programs.

(c) FOCUS OF PROGRAM.—The program shall be

focused on research and technologies at a tech-
nical maturity level equivalent to Department of

Defense basic and applied research programs.

(d) COORDINATION.—(1) The Assistant Secretary

shall coordinate the program with the inter-
national cooperation and analysis activities of

the military departments and Defense Agencies.

(2) The Secretaries of the military de-

partments and the directors of the Defense Agencies
shall provide the Assistant Secretary of Defense for
Research and Engineering such assistance as the
Assistant Secretary may require for pur-

poses of the program.

(3)(A) Funds available to a military depart-
ment for a fiscal year for monitoring or analyzing
the research activities and capabilities of

foreign nations may not be obligated or ex-
pended until the Assistant Secretary certifies to
the Under Secretary of Defense for Acquisi-
tion, Technology, and Logistics that the Secretary of

such military department has provided the as-

sistance required under paragraph (2).

(B) The limitation in subparagraph (A) shall

not be construed to alter or effect the avail-

ability to a military department of funds for intel-

ligence activities.

(e) CLASSIFICATION OF DATABASE IN-
FORMATION.—Information in electronic databases of
the Global Research Watch program shall be

maintained in unclassified form and, as deter-

mined necessary by the Assistant Secretary, in

classified form in such databases.

(f) TERMINATION.—The requirement to carry

out the program under this section shall termi-

nate on September 30, 2025.

Stat. 2134; Pub. L. 111–84, div. A, title II, § 221,

PRIOR PROVISIONS

A prior section 2365, added Pub. L. 99–500, § 101(c)
title X, § 909(a)(1), formerly § 909(a), Oct. 18, 1986, 100
title X, § 909(a)(1), formerly § 909(a), Oct. 30, 1986, 100
title IX, formerly title IV, § 906(a)(1), Nov. 14, 1986, 100
Stat. 3921, renumbered title IX, Pub. L. 100–26, § 5(3),
§ 302, Sept. 29, 1988, 102 Stat. 2008, required use of com-
petitive prototype program strategy in development of
major weapons systems, prior to repeal by Pub. L.
Stat. 4269.

AMENDMENTS

inserted “and private sector persons” after “foreign
nations”.

Subsec. (d). Pub. L. 114–92, § 215(2), substituted “Sep-
ember 30, 2025” for “September 30, 2015”.

inserted “of Defense for Research and Engineering” after
“The Assistant Secretary”.

substituted “Assistant Secretary” for “Director”.

2011—Subsec. (a). Pub. L. 111–383, § 901(c)(3)(A), sub-
stituted “Assistant Secretary” for “Director of Defense
Research and Engineering”.

Subsec. (d)(1). Pub. L. 111–383, § 901(c)(3)(B), sub-
stituted “Director” for “Director of Defense
Research and Engineering”.

Subsec. (d)(2). Pub. L. 111–383, § 901(c)(3)(C), sub-
stituted “Assistant Secretary of Defense for Research
and Engineering” for “Director of Defense
Research and Engineering” and “Assistant Secretary may” for
“Director may”.

Subsec. (e). Pub. L. 111–383, § 901(c)(3)(D), substituted
“Assistant Secretary” for “Director”.

(3).

Subsec. (f). Pub. L. 111–84, § 211(b), substituted “2015” for
“2011”. 