

“(2) that may include—

“(A) the National Bioforensic Analysis Center, which conducts technical analyses in support of Federal law enforcement investigations; and

“(B) the National Biological Threat Characterization Center, which conducts experiments and studies to better understand biological vulnerabilities and hazards; and

“(3) transferred to the Department pursuant to subparagraphs (A), (D), and (F) of section 303(1) and section 303(2).

“(C) LABORATORY ACTIVITIES.—The National Biodefense Analysis and Countermeasures Center shall—

“(1) conduct studies and experiments to better understand current and future biological threats and hazards and pandemics;

“(2) provide the scientific data required to assess vulnerabilities, conduct risk assessments, and determine potential impacts to guide the development of countermeasures;

“(3) conduct and facilitate the technical forensic analysis and interpretation of materials recovered following a biological attack, or in other law enforcement investigations requiring evaluation of biological materials, in support of the appropriate lead Federal agency;

“(4) coordinate with other national laboratories to enhance research capabilities, share lessons learned, and provide training more efficiently;

“(5) collaborate with the Homeland Security Enterprise, as defined in section 2211(h), to plan and conduct research to address gaps and needs in biodefense; and

“(6) carry out other such activities as the Secretary determines appropriate.

“(d) WORK FOR OTHERS.—The National Biodefense Analysis and Countermeasures Center shall engage in a continuously operating Work for Others program to make the unique biocontainment and bioforensic capabilities of the National Biodefense Analysis and Countermeasures Center available to other Federal agencies.

“(e) FACILITY REPAIR AND ROUTINE EQUIPMENT REPLACEMENT.—The National Biodefense Analysis and Countermeasures Center shall—

“(1) perform regularly scheduled and required maintenance of laboratory infrastructure; and

“(2) procure mission-critical equipment and capability upgrades.

“(f) FACILITY MISSION NEEDS ASSESSMENT.—

“(1) IN GENERAL.—To address capacity concerns and accommodate future mission needs and advanced capabilities, the Under Secretary for Science and Technology shall conduct a mission needs assessment, to include scoping for potential future needs or expansion, of the National Biodefense Analysis and Countermeasures Center.

“(2) SUBMISSION.—Not later than 120 days after the date of enactment of this section, the Under Secretary for Science and Technology shall provide the assessment conducted under paragraph (1) to—

“(A) the Committee on Homeland Security and Governmental Affairs and the Subcommittee on Homeland Security Appropriations of the Committee on Appropriations of the Senate; and

“(B) the Committee on Homeland Security and the Subcommittee on Homeland Security Appropriations of the House of Representatives.

“(g) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated such sums as may be necessary to support the activities of the laboratory designated under this section.

“(h) RULE OF CONSTRUCTION.—Nothing in this section may be construed as affecting in any manner the authorities or responsibilities

of the Countering Weapons of Mass Destruction Office of the Department.”.

(b) TECHNICAL AND CONFORMING AMENDMENT.—The table of contents in section 1(b) of the Homeland Security Act of 2002 (Public Law 107-296; 116 Stat. 2135) is amended by inserting after the item relating to section 322 the following:

“Sec. 323. National Biodefense Analysis and Countermeasures Center.”.

SA 5634. Mr. CARDIN (for himself and Mr. VAN HOLLEN) submitted an amendment intended to be proposed to amendment SA 5499 submitted by Mr. REED (for himself and Mr. INHOFE) and intended to be proposed to the bill H.R. 7900, to authorize appropriations for fiscal year 2023 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . CHEMICAL SECURITY ANALYSIS CENTER.

(a) IN GENERAL.—Title III of the Homeland Security Act of 2002 (6 U.S.C. 181 et seq.) is amended by adding at the end the following:

“SEC. 323. CHEMICAL SECURITY ANALYSIS CENTER.

“(a) IN GENERAL.—The Secretary, acting through the Under Secretary for Science and Technology, shall designate the laboratory described in subsection (b) as an additional laboratory pursuant to the authority under section 308(c)(2), which shall be used to conduct studies, analyses, and research to assess and address the threat, hazards, and risks associated with an accidental or intentional chemical event or chemical terrorism event.

“(b) LABORATORY DESCRIBED.—The laboratory described in this subsection is the laboratory known, as of the date of enactment of this section, as the Chemical Security Analysis Center.

“(c) LABORATORY ACTIVITIES.—The Chemical Security Analysis Center shall—

“(1) identify and develop countermeasures and mitigation strategies to chemical threats, including the development of comprehensive, research-based definable goals for those countermeasures;

“(2) provide an enduring science-based chemical threat and hazard analysis capability;

“(3) provide expertise in risk and consequence modeling, chemical sensing and detection, analytical chemistry, chemical toxicology, synthetic chemistry and reaction characterization, and nontraditional chemical agents and emerging chemical threats;

“(4) staff and operate a technical assistance program that provides operational support and subject matter expertise, design and execute laboratory and field tests, and provide a comprehensive knowledge repository of chemical threat information that is continuously updated with data from scientific, intelligence, operational, and private sector sources;

“(5) consult, as appropriate, with the Countering Weapons of Mass Destruction Office of the Department to mitigate, prepare, and respond to threats, hazards, and risks associated with an accidental or intentional chemical event or chemical terrorism event; and

“(6) carry out other such activities as the Secretary determines appropriate.

“(d) RULE OF CONSTRUCTION.—Nothing in this section may be construed as affecting in

any manner the authorities or responsibilities of the Countering Weapons of Mass Destruction Office of the Department.”.

(b) TECHNICAL AND CONFORMING AMENDMENT.—The table of contents in section 1(b) of the Homeland Security Act of 2002 (Public Law 107-296; 116 Stat. 2135) is amended by inserting after the item relating to section 322 the following:

“Sec. 323. Chemical Security Analysis Center.”.

SA 5635. Mrs. HYDE-SMITH submitted an amendment intended to be proposed to amendment SA 5499 submitted by Mr. REED (for himself and Mr. INHOFE) and intended to be proposed to the bill H.R. 7900, to authorize appropriations for fiscal year 2023 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . PROHIBITION ON OPERATION OR PROCUREMENT OF CERTAIN FOREIGN-MADE UNMANNED AIRCRAFT SYSTEMS.

(a) PROHIBITION ON AGENCY OPERATION OR PROCUREMENT.—Except as provided in subsection (b) and subsection (c)(3), the Secretary may not operate, provide financial assistance for, or enter into or renew a contract for the procurement of—

(1) an unmanned aircraft system that—
(A) is manufactured in a covered foreign country or by a corporation domiciled in a covered foreign country;

(B) uses flight controllers, radios, data transmission devices, cameras, or gimbals manufactured in a covered foreign country or by a corporation domiciled in a covered foreign country;

(C) uses a ground control system or operating software developed in a covered foreign country or by a corporation domiciled in a covered foreign country; or

(D) uses network connectivity or data storage located in a covered foreign country or administered by a corporation domiciled in a covered foreign country;

(2) a software operating system associated with a UAS that uses network connectivity or data storage located in a covered foreign country or administered by a corporation domiciled in a covered foreign country; or

(3) a system for the detection or identification of a UAS, which system is manufactured in a covered foreign country or by a corporation domiciled in a covered foreign country.

(b) WAIVER.—

(1) IN GENERAL.—The Secretary is authorized to waive the prohibition under subsection (a) if the Secretary certifies in writing to the Committee on Homeland Security and Governmental Affairs of the Senate and the Committee on Homeland Security of the House of Representatives that a UAS, a software operating system associated with a UAS, or a system for the detection or identification of a UAS referred to in paragraphs (1) through (3) of subsection (a) that is the subject of such a waiver is required—

(A) in the national interest of the United States;

(B) for counter-UAS surrogate research, testing, development, evaluation, or training; or

(C) for intelligence, electronic warfare, or information warfare operations, testing, analysis, or training.

(2) NOTICE.—Not later than 14 days after the date on which a waiver is issued under